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Source Tapes

SRC-000001-1/1 **"JPL" (1957) & JATO, Corporal, Sergeant Footage**
1:00-1:20 "JPL" Color film production w/sound
showing early historical scenes. Also a detailed
description of JPL capabilities including Rocket
test Beds, Photolab, Repro, Transportation,
Machine shops, Chemistry Labs, and JPL buildings.
1:21-1:26 Raw stock of JATO, Corporal & Seageant
Site: Audience: JPL Resource
Master: 1"C Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
Film trans. by Fotronics 5/26/94
Good quality.
01/01/57 - 0:26:32

SRC-000002-1/1 **Historical film transfers for JPL 50th Anniversary Production**
1:00 Central Engineering Building 301 Dedication
1:09 ? Ceremony w/Pickering, Brown, Murray in Mall
1:20 Launch of ?Viking
1:22 Surveyor digging on the Moon
1:24 Voyager 2 Spoke Movie
1:26 "Pickering's JPL - scenes from 40's, 50's and 60's
1:44 "The Air Corps Jet Propulsion Research Project
Est 1939" w/descriptive text, circa 1940, rocket testing.
1:47 Flight Tests - March Field. Comparative tests
1:49 Aerotojet Test Unit, May 1943
1:52 Centrojet C-1-A test, test sled at ?JPL.
1:58 Early pan of JPL grounds from mountain.
2:00 IRAS animation
2:10 "Corporal Story" spoof production, has many
historical scenes.
2:23 End
Site: Audience: Resource
Master: 1"C Stored: Vendor Submaster:
Audio 1: Silent 2: Silent AVC-1994-177
Film transfer made 05/26/94
05/26/94 - 1:23:00 Producer: Stealey

SRC-000003-1/1 **Mars Global Surveyor Deployment and Aerobraking Animation**
Starts after liftoff showing solid rocket
separation; first stage fires second stage stack
in to orbit; payload ferring comes off; second

stage refires; third spins up and second stage is
jettisoned; third stage is fired; despin segment
begins with yoyos; spacecraft separates, deploys
solar panels and turns to find sun.
Updated Aerobraking animation.
Created by Jeff Alu.
Site: Audience: News Resource
Client: Glenn Cunningham
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Silent 2: Silent
Included in AVC-1996-165 compilation
10/29/96 - 0:03:09 Producer: Savona

SRC-000004-1/1 **SOHO - Sun Images and Animation - 5/02/96 Press Release**
Images taken of the Sun by SOHO (Solar &
Heliospheric Observatory) spacecraft
Site: NASA-HQ Audience: JPL NASA
Client: Bridges, Org. 182
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Silent 2: Silent
05/02/96 - 0:03:21 Producer: NASA-Bennett

SRC-000005-1/1 **Delta 2 / Mars Global Surveyor Spacecraft Processing and Launch**
Selected segments of Mars Global Surveyor being
readied for launch.
Launch replays included.
Site: JFKspacectr Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
For resource purposes
02/10/97 - 0:43:00 Producer: JFK/Bionetics

SRC-000006-1/1 **Delta 2 / Mars Pathfinder Spacecraft Processing and Launch**
Selected segments of Mars Pathfinder being readied
for launch at John F. Kennedy Space Center from
Sept. to Dec. 1996.
Launch replays included.
Site: JFKspacectr Audience: Resource
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
For resource purposes
02/10/97 - 0:34:00 Producer: JFK/Bionetics

SRC-000007-1/1 **SIRTF Primary Mirror Removal from Cyrogenic Chamber**
B-Roll of activities in Building 79, showing the
removal of the Space Infrared Telescope Facility
primary mirror from Cyrogenic Chamber.

Site: Audience: Resource
Client: Dave Pearson, Org. 346
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
02/25/97 - 0:28:00 Producer: Semerano

SRC-000008-1/1 **Origins Computer Animations Compilation**
Element one Flying Formation - :25
Element two Opening - :37
Element three Space Interferometry Mission - :25
Element four Planet obscured by Star - :15
Element five Planet Orbiting Star - :20
Element six Planet Finder - :20
Site: JPL Audience: Resource
Client: Dr. Firouz Naderi, Org. 3020
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Silent 2: Silent
SIRTF & NGST ADDED TO END OF TAPE
02/26/96 - 0:07:28 Producer: Savona

SRC-000008-2/2 **Origins Computer Animations Version 2**
Element one redo of Opening title - :16
Element two Space Interferometry Mission fix - :25
Site: JPL Audience: Resource
Client: Dr. Firouz Naderi, Org. 3020
Master: BCAMsp Stored: Destroy Submaster:
Audio 1: Silent 2: Silent
02/26/96 - 0:00:41 Producer: Savona

SRC-000009-1/1 **Space Infrared Telescope Facility Computer Animations**
SIRTF animation depicting one view:
Element is 44 seconds
Site: Audience: Resource
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Silent 2: Silent
02/28/97 - 0:00:44 Producer: Semerano

SRC-000010-1/2 **Mars Interviews for Pathfinder & future missions**
Interviews shot in studio for upcoming missions.
Rudi Rieder - Max Plank Institute Germany Prin.
Investigator APX Spectrometer;
T. Economou - Univ of Chicago Part one of
interview
Site: 186 studio Audience:
Client: Michelle Johnson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

05/16/95 - 0:30:00 Producer: McNevin

SRC-000010-2/2 **Mars Interviews for Pathfinder & future missions**
Interviews shot in studio for upcoming missions. ;
T. Economou - Univ of Chicago Part two of
interview; Peter Smith Univ of Ariz.; Dan Britt
Univ. of Ariz.; Hank Moore U.S. Geological Survey.
Site: 186 studio Audience:
Client: Michelle Johnson
Master: BCAMsp Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
05/16/95 - 1:03:00 Producer: McNevin

SRC-000011-1/1 **Mars Interviews for Pathfinder & future missions**
Interviews shot in studio for upcoming missions.
Brian Muirhead - Flight System Manager;
Rob Manning - Flight System Chief Engineer;
Les Compton - Lead Engineer Rocket Deceleration
Subsystem.
Site: 186 Studio Audience: NASA Resource
Client: Michelle Johnson
Master: BCAMsp Stored: 186-B10 Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
07/01/75 - 0:26:10 Producer: McNevin

SRC-000012-1/1 **Mars Interviews for Pathfinder & future missions**
Interviews shot in studio for upcoming Mars
Pathfinder missions.
Tom Rivellini - Engineer Airbag Subsystem
Site: TV Studio Audience: Resource
Client: Michelle Johnson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/07/95 - 0:30:00 Producer: McNevin

SRC-000013-1/1 **Mars Interviews for Pathfinder & future missions**
Interviews shot in studio for upcoming Mars
Pathfinder missions.
Bob Haberle - Research Scientist Ames Research
Center
Site: TV Studio Audience: Resource
Client: Michelle Johnson
Master: BCAMsp Stored: 180-100 Submaster:
Audio 1: mono 2:
10/18/95 - 0:20:00 Producer: McNevin

SRC-000014-1/1 **Mars Interviews for Pathfinder & future missions**
Interviews shot in studio for upcoming Mars Pathfinder missions.
Jeff Barnes - Oregon State Univ. Pathfinder ASI Team
Site: TV Studio Audience: Resource
Client: Michelle Johnson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/18/95 - 0:30:00 Producer: McNevin

SRC-000015-1/1 **Mars Interviews for Pathfinder & future missions**
Interviews shot in studio for upcoming Mars Pathfinder missions.
Al Seiff - San Jose State Univ. Sr. Research Scientist of Meteorology
James Tillman - Univ. of Wash.
Site: TV Studio Audience: Resource
Client: Michelle Johnson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/18/95 - 1:01:18 Producer: McNevin

SRC-000016-1/1 **Ulysses' Cometary Plasma Tail Animation**
This animation shows a "disconnection event", which happens when a comet's plasma tail (the blue) drops off as it travels near to the sun. Ulysses is designed to study charged particles radiating from the sun and their impact on comets returning to the solar system.
Site: Audience: Resource
Client: Diane Ainsworth
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Silent 2: Silent
03/14/97 - 0:00:17 Producer: Savona

SRC-000017-1/1 **Mars Meteorite Presentation and Animation**
Mars Animation and Close up of rock in lab
Site: # JSC1595 Audience: NASA Resource
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/06/97 - 0:13:00 Producer: JSC

SRC-000018-1/1 **Viking Facilities and Activities at Kennedy Spaceflight Center**
(Film to tape transfer)
A series of 10 to 15 second clips of locations

around Kennedy following the activities Viking spacecraft prior to launch. Tape ends with footage of the launch of Viking aboard a Titan rocket. (NO SOUND)
Site: KSC Audience: Resource
Master: BCAMsp
Audio 1: Silent 2: Silent
05/06/97 - 0:20:00 Producer: KSC

SRC-000019-1/4 **Cassini Spacecraft Move Ground Shots**
Various angles and shots of the move.
Site: JPL Audience: Resource
Master: Stored: Submaster:
Audio 1: Wild trk. 2: Wild trk.
07/14/95 - 0:14:09 Producer:

SRC-000019-2/4 **Cassini Spacecraft Move Ground Shots**
Various angles and shots of the move.
Site: JPL Audience: Resource
Master: Stored: Submaster:
Audio 1: Wild trk. 2: Wild trk.
07/14/95 - 0:00:00 Producer:

SRC-000019-3/4 **Cassini Spacecraft Move Above Shots**
Various angles and shots of the move.
Site: JPL Audience: Resource
Master: Stored: Submaster:
Audio 1: Wild trk. 2: Wild trk.
07/14/95 - 0:23:39 Producer:

SRC-000019-4/4 **Cassini Spacecraft Move Above Shots**
Various angles and shots of the move.
Site: JPL Audience: Resource
Master: Stored: Submaster:
Audio 1: Wild trk. 2: Wild trk.
07/14/95 - 0:07:10 Producer:

SRC-000020-1/1 **Cassini in 179 High Bay**
Site: 179 Audience: Resource
Master: Stored: Submaster:
Audio 1: Wild trk. 2: Wild trk.
12/12/95 - 0:11:54 Producer:

SRC-000021-1/1 **Cassini Propulsion Mating**
Site: 179 Audience: Resource
Master: Stored: Submaster:

Audio 1: Wild trk. 2: Wild trk.
08/31/96 - 0:31:06 Producer:

SRC-000022-1/1 **Cassini Antenna Mating in High Bay**
Site: 179 Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
09/14/96 - 0:27:04 Producer:

SRC-000023-1/3 **Cassini Stacking**
Site: 179 Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
09/20/96 - 0:30:23 Producer:

SRC-000023-2/3 **Cassini Stacking**
Site: 179 Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
09/20/96 - 0:28:37 Producer:

SRC-000023-3/3 **Cassini Stacking**
Site: 179 Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
09/20/96 - 0:28:06 Producer:

SRC-000024-1/2 **Cassini Preparation for Thermal Testing in Cleanroom**
Site: 179 Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
10/25/96 - 0:30:50 Producer:

SRC-000024-2/2 **Cassini Preparation for Thermal Testing in Cleanroom**
Site: 179 Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
10/25/96 - 0:31:00 Producer:

SRC-000025-1/1 **Cassini Shake Test**
Site: 144 Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
11/23/96 - 0:27:05 Producer:

SRC-000026-1/1 **Cassini Blanket Attachment**

Site: 144 Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
12/10/96 - 0:15:07 Producer:

SRC-000027-1/1 **Cassini Blanket Stitching and Interview**
Site: Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
12/19/96 - 0:25:59 Producer:

SRC-000028-1/1 **Cassini Thermal Blanketing**
Site: 144 Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
12/19/96 - 0:24:29 Producer:

SRC-000029-1/1 **Cassini Undraped**
Site: 150 Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
01/08/97 - 0:20:09 Producer:

SRC-000030-1/1 **Cassini in Space Simulator (Sun Test Preparation)**
Site: 144 Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
01/16/97 - 0:11:34 Producer:

SRC-000031-1/1 **Cassini in Thermal Vacuum Chamber (Phase 2)**
Site: 150 Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
01/30/97 - 0:18:55 Producer:

SRC-000032-1/2 **Cassini Spacecraft Team Preship Interviews**
Gordon Cuculla
Mary Reaves
Bill Aragon
Dave Rice
Site: Locations Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
03/12/97 - 0:28:49 Producer:

SRC-000032-2/2 **Cassini Spacecraft Team Preship Interviews**

Julie Webster
Arden Acord
Nancy Grenarder
Greg LaBorde
Site: Locations Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
03/12/97 - 0:30:44 Producer:

SRC-000033-1/1 **Titan Cassini Propulsion Module being worked on SAEF 2**
Site: KSC Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
03/07/97 - 0:02:00 Producer:

SRC-000034-1/1 **Titan Cassini Propulsion Module Unloaded at the SAEF 2**
Site: KSC Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
03/07/97 - 0:02:00 Producer:

SRC-000035-1/1 **Cassini Probe Off Load from 747 Aircraft**
Site: KSC Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
03/07/97 - 0:06:00 Producer:

SRC-000036-1/1 **Titan Cassini Huygens Probe PHSF**
Site: KSC Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
04/07/97 - 0:06:00 Producer:

SRC-000037-1/1 **Cassini First Stage Erection at the VIB Cape Canaveral**
Site: KSC Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
04/14/97 - 0:04:00 Producer:

SRC-000038-1/1 **Titan Cassini Second Stage Mated to First at the VIB Cape Canaveral**
Site: KSC Audience: Resource
Master: Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/16/97 - 0:07:00 Producer:

SRC-000039-1/1 **Cassini Spacecraft Departure from JPL to Edwards Air Force Base**
Site: JPL and Edwards Audience: Resource
Master: Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/19/97 - 0:27:08 Producer:

SRC-000040-1/1 **Titan Cassini Leaving the SLF and Moved to the PHSF**
Site: KSC Audience: Resource
Master: Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/21/97 - 0:02:00 Producer:

SRC-000041-1/1 **Titan Cassini Uncrated and Put into the High Bay at PHSF**
Site: KSC Audience: Resource
Master: Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/22/97 - 0:04:00 Producer:

SRC-000042-1/1 **Titan Cassini Antenna Uncrating at the PHSF**
Site: KSC Audience: Resource
Master: Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/25/97 - 0:09:00 Producer:

SRC-000043-1/1 **New X-33 Animation Video File**
1. New X-33 Animation
1a. X-33 Liquid Oxygen Tank
1b. Interview - Randell A. Tessin
2. Building A Shuttle
Site: NASA TV Audience: Resource
Client: Skip McNevin, Org. 1810
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
05/08/97 - 0:08:06 Producer: NASA TV

SRC-000044-1/1 **Cassini Project: C-17 Upload**
Site: Edwards Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/03/97 - 0:21:00 Producer: Edwards Crew

SRC-000045-1/3 **Cassini Project: C-17 Upload**
Site: Edwards Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

04/19/97 - 0:26:00 Producer: Edwards Crew

SRC-000045-2/3 **Cassini Project: C-17 Upload**
Site: Edwards Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/19/97 - 0:20:00 Producer: Edwards Crew

SRC-000045-3/3 **Cassini Project: C-17 Upload**
Site: Edwards Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/20/97 - 0:28:00 Producer: Edwards Crew

SRC-000046-1/1 **K-33 Titan Vehicle Rollout from the VIB to the SMARF**
Site: KSC Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
05/15/97 - 0:12:00 Producer:

SRC-000047-1/1 **K-33 Titan Cassini SRMU Core Vehicle Mate at the OPG/LV**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/16/97 - 1:00:00 Producer:

SRC-000048-1/1 **K-33 Titan Cassini SRMU Core Vehicle Mate SMARF 020665-OPG/LV**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/17/97 - 0:24:00 Producer:

SRC-000049-1/1 **K-33 Titan Cassini RSB Installation at the PHSF**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/22/97 - 0:04:00 Producer:

SRC-000050-1/1 **K-33 Titan Cassini Propulsion Unit move from SAEF II to PHSF**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/27/97 - 0:03:00 Producer:

SRC-000051-1/1 **K-33 Titan Cassini Rollout to Launch Complex**
Site: KSC Audience: Resource
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
05/30/97 - 0:07:00 Producer:

SRC-000052-1/1 **K-33 Titan Cassini Antenna Installation at PHSF**
Site: KSC Audience: Resource
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
05/07/97 - 0:02:00 Producer:

SRC-000053-1/1 **1998 Mars Surveyor Lander Landing**
Radar Drop Test Footage
Site: Audience: Resource
Client: MSP, Org. 4900
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/14/97 - 0:03:40 Producer:

SRC-000054-1/1 **1998 Mars Surveyor lander Landing**
Leg Deployment and Drop Test Footage.
Site: Audience: Resource
Client: MSP
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/16/97 - 0:27:48 Producer: Lockheed Martin

SRC-000055-1/1 **K-33 Titan Cassini RTG's**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/17/97 - 0:01:10 Producer:

SRC-000056-1/1 **Titan K-33 Cassini Forward Shield Installation on Probe**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/20/97 - 0:05:00 Producer:

SRC-000057-1/1 **K-33 Titan Cassini Centaur Erection**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/20/97 - 0:05:00 Producer:

SRC-000058-1/1 **K-33 Titan Cassini Aft Cone Installation on Probe**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/23/97 - 0:05:00 Producer:

SRC-000059-1/1 **K-33 Titan Cassini Lift of Propulsion Module and Mate**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/27/97 - 0:06:00 Producer:

SRC-000060-1/1 **K-33 Titan Cassini Propulsion Unit Mated with Inst. and Antenna**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/03/97 - 0:05:00 Producer:

SRC-000061-1/1 **K-33 Titan Cassini Optical Sensing Platform Mate to Spacecraft**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/09/97 - 0:04:00 Producer:

SRC-000062-1/1 **K-33 Titan Cassini Moved in Hi-Bay, Uncovered**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/09/97 - 0:02:00 Producer:

SRC-000063-1/1 **K-33 Titan Cassini Huygens Probe Heat Shield Installation**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/10/97 - 0:05:00 Producer:

SRC-000064-1/1 **K-33 Titan Cassini Lift and Mate as the PHSF**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/22/97 - 0:12:00 Producer:

SRC-000065-1/1 **K-33 Titan Cassini Lifting Module into Stand at the PHSF**

Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/27/97 - 0:24:00 Producer:

SRC-000066-1/1 **B-Roll - Red Rivers in the Sun (SOHO); Earth's Measuring Up**
Scientist discovered "rivers" of plasma flowing on the Sun's surface - while working with data from NASA and ESA's Solar Heliospheric Observatory (SOHO) spacecraft.
1: Plasma Rivers Run Swiftly Inside the Sun
1a: Layers under the Sun animation
1b: SOHO animation
1c: Sun spots (animated data)
1d: Solar hiccup (animated data)
1e: Interview - Dr. Craig Deforest, Resident Observer, Stanford University
2: Earth's Energy Balance
Site: Audience: Resource
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
08/29/97 - 0:02:13 Producer: NTV

SRC-000067-1/1 **RTG'S in Storage, Move to PHSF, Fit Check**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
/ / - 0:10:00 Producer:

SRC-000068-1/1 **K-33 Titan Cassini RTG Fit Check in PHSF**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/18/97 - 0:05:00 Producer:

SRC-000069-1/1 **K-33 Titan Cassini RTG Fit Check and Removal at the PHSF**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/19/97 - 0:05:00 Producer:

SRC-000070-1/1 **K-33 Titan Cassini Bag and Prep to Move**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:

Audio 1: Mono mix 2: Mono mix
08/25/97 - 0:05:00 Producer:

SRC-000071-1/1 **K-33 Titan Cassini Moved from the PHSF to Pad 40**
Cape Canaveral
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/27/97 - 0:06:00 Producer:

SRC-000072-1/1 **K-33 Titan Cassini Interviews at the PHSF**
Edited B-roll in front of Cassini:
1. Charlie Kohlhase
2. Richard Spehalski
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/22/97 - 0:07:40 Producer: KSC

SRC-000073-1/1 **K-33 Titan Cassini Press Showing at the PHSF**
B-roll of Cassini:
1. Shots of Cassini
2. Richard Spehalski and Charlie Kohlhase giving presentation on the signature disk.
3. Mounting the disk on Cassini.
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
DUB from KSC
08/22/97 - 0:06:00 Producer: KSC

SRC-000074-1/1 **K-33 Titan Cassini Lift to Transporter at the PHSF**
edited B-roll
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/22/97 - 0:03:00 Producer:

SRC-000075-1/1 **Mars Global Surveyor - Orbit Insertion & Aerobraking Animation**
For release during MOI on September 11, 1997.
Site: Audience: Resource
Client: Glenn Cunningham
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Silent 2: Silent
09/19/97 - 0:02:00 Producer: Savona

SRC-000076-1/1 **Space Interferometry Mission (SIM) & Origins Animations**
All are animations, unless specified. 1-SIRTF :24
2-SIM Deployment :353-SIM Starlight Processing :26
4-NGST :47 5-TPF (Virtual Baseline) :24
6-TPF (Fixed Baseline) :17
7-Keck Interferometer B-roll :17
8-Nulling of Starlight :12
Site: Audience: Resource
Client: Dr. Firouz Naderi
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Silent 2: Silent
01/20/98 - 0:05:00 Producer: Savona

SRC-000077-1/1 **A Tour of the Solar System Animation**
A computer-generated flight through the planets.
25, 35 and 45 second durations
Created by Dana Berry at Tufts University, he can
be reached at (617) 628-5000, x5673
Site: Audience: Resource
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Silent 2: Silent
01/22/98 - 0:01:45 Producer: Savona

SRC-000080-1/1 **Cassini Launch ISO camera recordings**
Cassini Launch ISO camera recordings in von Kármán
Auditorium Camera 3 view
Site: vK Audience: Gen. Resource
Client: PIO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/15/97 - 0:30:00 Producer: Hanchett

SRC-000081-1/1 **Cassini Launch ISO camera recordings**
Cassini Launch ISO camera recordings in SFOF
Balcony view.
Right channel audio - natural sound
Left Channel audio - Cassini Coord Net
Site: SFOF Audience: JPL Resource
Client: PIO
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/15/97 - 2:00:00 Producer: Hanchett

SRC-000082-1/1 **Cassini Launch ISO camera recordings**
Cassini Launch ISO camera recordings in SFOF Floor

camera view.
Right channel audio - natural sound
Left Channel audio - Cassini Coord Net
Site: SFOF Audience: JPL Resource
Client: PIO
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/15/97 - 2:00:00 Producer: Hanchett

SRC-000083-1/3 **Mars Pathfinder Press Release Images**
Contains images of Mars taken by the IMP camera on the Mars Pathfinder Lander. May also contain some animations, movies showing Rover moving about, or images from the Rover Sojourner's camera. This tape contains only those images released for press coverage on the date specified above.
Site: Audience: Resource
Client: DeJong
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
07/04/97 - 0:03:30 Producer: Beck

SRC-000083-2/3 **Mars Pathfinder Press Release Images**
Contains images of Mars taken by the IMP camera on the Mars Pathfinder Lander. May also contain some animations, movies showing Rover moving about, or images from the Rover Sojourner's camera. This tape contains only those images released for press coverage on the date specified above.
Site: Audience: Resource
Client: DeJong
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
07/04/97 - 0:01:30 Producer: Beck

SRC-000083-3/3 **Mars Pathfinder Press Release Images**
Contains images of Mars taken by the IMP camera on the Mars Pathfinder Lander. May also contain some animations, movies showing Rover moving about, or images from the Rover Sojourner's camera. This tape contains only those images released for press coverage on the date specified above.
Site: Audience: Resource
Client: DeJong
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix

07/04/97 - 0:00:40 Producer: Beck

SRC-000084-1/2 **Mars Pathfinder Press Release Images**
Contains images of Mars taken by the IMP camera on the Mars Pathfinder Lander. May also contain some animations, movies showing Rover moving about, or images from the Rover Sojourner's camera. This tape contains only those images released for press coverage on the date specified above.
Site: Audience: Resource
Client: DeJong
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/05/97 - 0:00:00 Producer: Beck

SRC-000084-2/2 **Mars Pathfinder Press Release Images**
Contains images of Mars taken by the IMP camera on the Mars Pathfinder Lander. May also contain some animations, movies showing Rover moving about, or images from the Rover Sojourner's camera. This tape contains only those images released for press coverage on the date specified above.
Site: Audience: Resource
Client: DeJong
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/05/97 - 0:00:00 Producer: Beck

SRC-000085-1/1 **Mars Pathfinder Press Release Images for 7/6/1997**
Contains images (B&W) of Mars taken by the IMP camera on the Mars Pathfinder Lander.
1:10 Title
1:20 Pan & scan to the left & to the right.
5:08 Still images from the pan & scan.
7:55 Sequence of images of the Sojourner coming down the ramp. Repeated five times.
Site: Audience: Resource
Client: DeJong
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/06/97 - 0:07:29 Producer: Beck

SRC-000086-1/1 **Magellan Pre- and Deploy from STS-30**
Site: STS-30 Audience: Resource
Master: 1"C Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

04/05/89 - 0:15:00 Producer: JSC

SRC-000087-1/1 **Titan K33 Cassini Probe Removal and Heat Shield** Disassembly
Site: Audience: Resource
Client: KSC
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/08/97 - 0:06:00 Producer:

SRC-000088-1/1 **Titan K33 Cassini Move to PHSF - Cassini Demate** and Cover Removal
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/07/97 - 0:23:00 Producer:

SRC-000089-1/1 **K-33 Titan Cassini Front Shield Assembly**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/09/97 - 0:07:00 Producer:

SRC-000090-1/1 **K-33 Titan Cassini Probe Rework**
Site: Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/10/97 - 0:02:15 Producer:

SRC-000091-1/1 **Titan K-33 Cassini Huygens Heatshield Installation**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/11/97 - 0:05:00 Producer:

SRC-000092-1/1 **Titan K-33 Cassini Probe Installation at PHSF**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/13/97 - 0:11:00 Producer:

SRC-000093-1/1 **Titan K-33 Cassini Hoist on Transporter & Bag & Hardcover Installation**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

09/14/97 - 0:22:00 Producer:

SRC-000094-1/1 **Titan K-33 Cassini Mate**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/16/97 - 0:12:00 Producer:

SRC-000095-1/1 **Titan K-33 Cassini after Huygens Repairs**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/17/97 - 0:02:00 Producer:

SRC-000096-1/1 **K-33 Titan Cassini Pre-Launch Activities at Launch Complex 40**
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/13/97 - 0:07:00 Producer:

SRC-000097-1/1 **K-33 Titan Cassini Launch Activities**
Site: KSC Audience: Resource
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
10/15/07 - 0:06:00 Producer:

SRC-000098-1/1 **Galileo Flyby of the moon Io Animation**
The original generation is a revised version created by Dana Berry for the Galileo project, he can be reached at (617) 628-5000 x5673.
Site: Audience: Resource
Master: Stored: Submaster:
Audio 1: Silent 2: Silent
01/22/98 - 0:00:35 Producer:

SRC-000099-1/1 **Tropospheric Emission Spectrometer (TES)**
Configuration Animation
Animation showing the TES configuration and assembly sequence as of February 1998. Simplified drawings of the main components are graphically "flown in" and placed into their configuration. TES is scheduled for the EOS Chemistry Platform, Launching in 2002.
Site: Audience: Resource
Client: Keith English
Master: Stored: 186-B10 Submaster:

Audio 1: Silent 2: Silent
02/12/98 - 0:06:52 Producer: Eng. Animation Inc.

SRC-000100-1/1 **AIRSAR Reveals Angkor**
The following radar view of the ancient city of Angkor in northern Cambodia was generated entirely from data collected in December 1996 by NASA/JPL'S AIRSAR radar system, which flies on a NASA DC-8 aircraft. The radar images seen in false color match radar wavelengths for red, green & blue.
Site: Audience: Resource
Client: Tony Freeman
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
03/03/98 - 0:03:27 Producer: Savona

SRC-000101-1/1 **Europa Orbiter Animation**
This computer animation shows NASA's Europa Orbiter scheduled for 2003 launch. Spacecraft is shown orbiting around Jupiter's moon Europa using radar sounder equipment to search for liquid water under the icy crust.
Site: Audience: Resource
Client: Brewster/Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
03/05/98 - 0:00:30 Producer: Savona

SRC-000102-1/1 **Keck Observatory Source Compilation**
Footage shot by the W.M. Keck Observatory at 65-1120 Mamalahoa Hwy., Kamuela, HI 96743 phone(808)885-7887 fax (808)885-4464
Site: KeckObs.,Hawaii Audience: Gen. Edu. JPL NASA News Resource
Client: S. Zeluck, Org. 1810
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
04/07/98 - 1:00:00 Producer: Andrew Perala

SRC-000103-1/1 **MGS: Image of the Cydonia Region taken 4/14/98**
Image of Mars centered at 40.84 degrees N, 9.980 W, sometimes referred to as the "City."Taken on 4/14/98
Site: JPL Audience: JPL Resource
Client: S.Chavez/MRO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

04/14/98 - 0:00:41 Producer: JPL/MIPL

SRC-000104-1/1 **Solar System Formation Animation**
Animation depicts the creation of a solar system from a swirling disk of interstellar gas and dust to a fully formed system containing a star and several orbiting planets.
Site: Audience: JPL Resource
Client: M.Werner/S.Chavez MRO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
04/17/98 - 0:00:45 Producer: Jeff Alu

SRC-000105-1/1 **MGS Images: taken 3/11/98**
Images of the Martian terrain taken by MGS on 3/11/98.
Site: JPL Audience: JPL Resource
Client: S.Chavez/MRO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/11/98 - 0:08:09 Producer: JPL/MIPL

SRC-000106-1/1 **QuickSCAT Animation**
Site: Audience: JPL Resource
Client: M. Hardin / MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/13/98 - 0:01:15 Producer: Ball Industries

SRC-000107-1/1 **Chuck Berry live on the steps of Building 180**
Chuck Berry live on the steps of Building 180 in celebration of the end of the Voyager Mission.
Live shots by Gregg Hanchett.
Site: JPL 180 steps Audience: Resource
Master: M-II Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
May have problems copying because of copyright use of Chuck Berry.
08/27/89 - 0:39:30 Producer: Hanchett

SRC-000108-1/1 **DS-4/Champoleon Comet Approach and Anchoring Animation**
animation runs 3 times on tape
Site: Studio 3DMax Audience: Resource
Client: MedRel, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster:

Audio 1: silent 2: silent
preliminary
06/15/98 - 0:03:24 Producer: Don Jacobs

SRC-000109-1/2 **Casini Mural at the Academia de Arte Yepes - Raw Footage**
Various shots of Casini Mural
Site: Audience: Resource
Client: PIO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/04/95 - 0:19:33 Producer: Beck

SRC-000109-2/2 **Casini Mural at the Academia de Arte Yepes - Raw Footage**
Various shot of students painting Casini Mural
Site: Audience: Resource
Client: PIO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/04/95 - 0:00:00 Producer: Beck

SRC-000110-1/1 **Cassini Flyby Composite Tape**
B roll material of Cassini
Interview with Dr. Otto Raabe
Interview with Bob Mitchell
Site: Audience: Resource
Client: NASA HQ
Master: BCAMsp Stored: Client Submaster:
Audio 1: Mono mix 2: Mono mix
06/23/98 - 0:25:00 Producer: Mary Beth Murrill

SRC-000111-1/1 **Simulated Asteroid Encounter with Earth**
Solar System Visualization Project
1997 BR Case Study. This animation displays the impact prediction uncertainty of an asteroid discovered six months prior to colliding with Earth. The simulated impact trajectory of the asteroid was obtained by modifying the orbit of the asteroid 1997 BR which pased within 8M miles of the Earth in July 1997. The trajectory of an asteroid is based on a limited set of observations and is never known exactly.
Site: DIAL LAB/JPL Audience: Resource
Client: Eric De Jong, Org. 3233
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/17/98 - 2:42:10 Producer: Eric De Jong

SRC-000112-1/1 **Delta II/Mars Pathfinder Launch**
NASA video release KSC-TV Date 4/10/98
Final assembly in bay
Pre-launch activity at KSC
Night launch coverage from countdown to end of visual coverage.
Delta II/Mars Pathfinder Launch
Site: Audience: Resource
Client: NASA
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/01/98 - 1:17:00 Producer: Savona

SRC-000113-1/1 **Cassini Testing - Raw Footage Compilation**
Cassini in bldg. 179 high bay, 12/12/95.
Cassini in bldg. 144 shake test on 1/8/96.
Scenes from bldg. 230, darkroom on 1/12/96.
Scenes in Mission Image Processing Laboratory (MIPL) on 1/18/96.
Site: JPL Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/16/96 - 0:30:00

SRC-000114 -1/1 **SRTM Boom Deployment at AECAble Co.in Goleta 7/8/98**
Deployment of the 200' long SRTM boom assembly
Interviews with Dr. Mike Kobrick of JPL, Dr. Tom Carson Project Manager of SRTM within NIMA and Gen. James C. King Director of NIMA.
"B" Roll footage of antenna deployment.
Site: Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/09/98 - 0:48:00 Producer:

SRC-000115 -1/2 **SRTM Boom Deployment Original Footage**
SRTM Boom deployment at AECAble Co. in Goleta on Wednesday 7/9/98. Video of actual deployment and reaction of observers, Dr. Stone, Larry Dumas and Gen. James King of NIMA.
Site: Audience: Resource
Client: Mary Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

07/09/98 - 0:22:00 Producer: Dawson/Chavez

SRC-000116 -2/2 **SRTM Boom Deployment Interviews**
Interview with Gen. James King Director of NIMA
Interview with Dr. Tom Carson Project Manager of
SRTM within NIMA.
Elements of "B" roll coverage.
Site: Audience: Resource
Client: Mary Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/09/98 - 0:22:00 Producer: Dawson/Chavez

SRC-000117 -1/1 **Galileo - Rings of Jupiter Animation**
Used for news conference originating from Cornell
University. With descriptive text.
Starts with a view of Io, camera rises above
revealing Jupiter with a wispy ring. We fly in
avove Jupiter and then down into the ring toward
Amelthea. Ending with Amelthea.
Site: Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent AVC-1998-174
09/15/98 - 0:02:25 Producer: SSV - De Jong

SRC-000118 -1/1 **SRTM Deployed with White Background**
9/8/98 SRTM deployed against white background.
Site: Audience: Resource
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/08/98 - 0:20:00 Producer: Dawson

SRC-000119 -1/1 **Voyager Animations Compilation for "And Then There Was Voyager"**
Animations and Movies used in AVC-1990-182.
05:45 Voyager at Saturn flyby
08:11 Voyager Saturn ring crossing star detection
09:00 Scanning window by instruments
09:41 Satellite imaging, frame overlays
10:19 Jupiter flyby sequences w/satellites
16:58 Jupiter magnetic tourus, fields & Solar wind
18:36 Uranus magnetic field
23:12 VGR 2 Uranus encounter sequences
27:52 View of Saturn from satellite
30:30 Trajectories for Voyager 1 & 2

31:43 View of Jupiter from Ganymede
32:27 Jupiter flyby
The following are made from Voyager images:
34:21 Jupiter Rotation Movie
35:26 Jupiter Zoom, red spot
37:16 Winds of Jupiter
39:00 Saturn approach movie
40:05 Saturn rotation movie
41:37 Saturn spoke (rings) movie
42:40 Uranus 8-frame orange movie
43:00 Miranda The Movie (with narration)
45:00 Miscellaneous
55:00 End
Site: Audience: Resource
Client: Hardin
Master: 1"C Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix 1990-182
Silent except Miranda the Movie
01/01/90 - 0:55:00 Producer:

SRC-000120 -1/1 **Deep Space 1 Arrival at the PHSF**
NASA's Deep Space 1 spacecraft, designed to validate 12 new technologies for scientific space missions of the next century, has arrived at the Kennedy Space Center to begin prelaunch processing. Deep Space 1 will be launched aboard Boeing's Delta 7326. This is the first flight in NASA's New Millennium Program.
The spacecraft is being processed in NASA's Payload Hazardous Servicing Facility (PHSF) located in the KSC Industrial Area. Among the processing activities to be preformed are the attachment to the spacecraft bus of the Plasma Experiment for Planetary Exploration (PEPE) instrument and the attachment of the solar arrays, each of which is among the dozen new technologies being tested on Deep Space 1.
Site: KSC Audience: Resource
Client: Jurrie/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/17/98 - 0:03:15 Producer:

SRC-000121 -1/1 **Delta Fairing Installation for Deep Space 1 at Launch Complex 17A**
Site: KSC Audience: Resource

Client: Jurrie/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/15/98 - 0:05:21 Producer:

SRC-000122 -1/1 **Deep Space 1 First Stage Delta Erection at Launch Complex 17A**
Site: KSC Audience: Resource
Client: Jurrie/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/11/98 - 0:09:00 Producer:

SRC-000123 -1/1 **Deep Space 1 "PEPE" Installation at the PHSF**
Site: KSC Audience: Resource
Client: Jurrie/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/14/98 - 0:05:44 Producer:

SRC-000124 -1/1 **Deep Space 1 Solid Rocket Motor Erection at Launch Complex 17A**
Site: KSC Audience: Resource
Client: Jurrie/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/17/98 - 0:05:30 Producer:

SRC-000125 -1/1 **Deep Space 1 Fueling Preps & Solar Panel Removal from Cargo Box**
Site: KSC Audience: Resource
Client: Jurrie/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/17/98 - 0:02:30 Producer:

SRC-000126 -1/1 **Delta Deep Space 1 Solar Panel Installation at the PHSF**
Site: KSC Audience: Resource
Client: Jurrie/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/19/98 - 0:09:00 Producer:

SRC-000127 -1/1 **Stardust Spacecraft Various Clips**
Drop Test, Spin Test in Chamber/Clean Room

Electronics Testing
Site: Lockheed Martin Audience: Resource
Client: Dawson/MRO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/24/98 - 0:24:37 Producer:

SRC-000128 -1/3 **Deep Space 1 Launch**
Raw footage of DEEP SPACE 1 control room at JPL during launch.
Site: bldg 230 Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/24/98 - 0:30:00 Producer: Beck

SRC-000128 -2/3 **Deep Space 1 Launch**
Part 2
Site: bldg 230 Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/24/98 - 0:30:00 Producer: Beck

SRC-000128 -3/3 **Deep Space 1 Launch**
Part 3
Site: bldg 230 Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/24/98 - 0:30:00 Producer: Beck

SRC-000129 -1/2 **DEEP SPACE 1 Ion Engine Start**
Raw footage of Deep Space 1 control room at JPL during launch.
Site: bldg 230 Audience: Resource
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
11/10/98 - 0:30:00 Producer: Beck

SRC-000129 -2/2 **DEEP SPACE 1 Ion Engine Start**
Part 2 of 2
Site: bldg 230 Audience: Resource
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
11/10/98 - 0:00:00 Producer: Beck

SRC-000130 -1/1 **Mars Climate Orbiter launch coverage of 264-231 Ops**

Mars Climate Orbiter(MCO) launch coverage of 264-231 Ops. Surveillance camera setup in 264-231 to coincide with NASA-TV launch of MCO. Charles Wetsel, Gene Brower, Sam Thurman & Glenn Cunningham are principal participants. Launch at 10:47 am which is Time of day time code.
Site: 264-231 Audience: Gen. Resource
Client: Media Relations
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/11/98 - 1:30:00 Producer: Borst

SRC-000131 -1/1 **Mars Climate Orbiter Launch - Short Version of AVC-1998-233**
Mars Climate Orbiter Launch Coverage via NASA-TV. Tape starts at T-90 seconds. Spectacular launch camera on first stage of rocket.
Site: KSC Audience: Resource
Client: PIO
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/15/98 - 0:08:10 Producer: Borst

SRC-000132 -1/1 **Mariner IV Highlight Reel**
Launched November 28, 1964 on Atlas-Agena D. Encountered Mars on July 14, 1995, with closest approach at 6,118 miles. Transmitted 22 pictures. Managed by the Jet Propulsion Laboratory (JPL) for NASA.
Site: Audience: Resource
Client: McNevin, Org. 1810
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
07/14/95 - 0:30:00 Producer: McNevin

SRC-000133 -1/1 **Pluto/Neptune Orbital Paths Animation-1:15 & 0:45 sec. versions**
An animation illustrating where Pluto's orbit crosses Neptune's. The high 17 degree inclination of Pluto's orbit and its relative motion to Neptune are depicted to show those times when Pluto is nearer to the Sun than Neptune, and why those two planets will not collide.
Site: Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent

12/26/98 - 0:02:00 Producer: Semerano

SRC-000134 -1/1 **Mars Pathfinder Testing in the JPL 25' Space Simulator - raw takes**
Raw footage showing the spacecraft illuminated by a simulated sun. Dramatic, with lens flare. Establishing shots, zooms and pans. Technician in white lab coat.
Site: JPL bldg. 155 Audience: Resource
Master: BCAMsp Stored: 180-100 Submaster:
Audio 1: Mono 2: Mono
04/08/96 - 0:08:56 Producer: Savona

SRC-000135 -1/1 **Dr. Lloyd French's Underwater Video**
Dub from S-VHS tape (a dub from Hi-8 original) Undersea views of probe being placed in volcanic crack.
Site: Audience: Resource
Client: French
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/08/99 - 0:15:00 Producer: Dawson

SRC-000136 -1/2 **Mars Polar Lander L-1 Briefing & Rollout**
Mars Polar Lander L-1 Briefing & Rollout at KSC shot on HDCAM.
Site: KSC Audience: Resource
Client: PIO
Master: HDCam Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
Shot 16:9 **HDTV**
01/03/99 - 0:32:00 Producer: Borst

SRC-000136 -2/2 **Mars Polar Lander Launch and Blockhouse cheering**
Mars Polar Lander Launch and Blockhouse cheering at KSC shot on HDCAM.
Site: KSC Audience: Resource
Client: PIO
Master: HDCam Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
Shot 16:9 **HDTV**
01/03/99 - 0:30:00 Producer: Borst

SRC-000143 -1/2 **Cassini Mural Unveiling Presentation**
Site: von Kármán Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:

Audio 1: Mono mix 2: Mono mix
10/06/95 - 0:30:00 Producer: Beck

SRC-000144 -2/2 **Cassini Mural Unveiling Presentation**
Site: von Kármán Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/06/95 - 0:30:00 Producer: beck

SRC-000145 -1/1 **Cassini High Gain Antenna Attachment**
Site: JPL Clean Room Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/25/95 - 0:30:00 Producer: Beck

SRC-000154 -1/1 **Stardust Launch Audience Shots in von Kármán Auditorium.**
Handheld video shot before Stardust was postponed of the audience which consisted of friends and family and a class of inter city high school students.
Site: Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/06/99 - 0:16:28 Producer: Postell

SRC-000156 -1/2 **Stardust B-Roll & launch Coverage**
Educators being interviewed at KSC Visitor Center and L-1 Press Briefing. Panel includes: Dr. Carl Pilcher NASA Science Dir. NASA-HQ; Ray Lugo NASA launch Man. KSC; Rich Murphy Delta Mis. Flight Dir. Boeing; Dr. Kenneth Atkins Stardust Proj. Man. Miss. Dir. JPL; Dr. Joseph Vellinga Stardust Prog. Man. Lockheed Martin; Dr. Martha Hanner Stardust Science Team Leader JPL; Joel Tumbiolo Launch Weather Officer. Interviews with Hanner & Vellinga
Site: KSC Audience: Resource
Client: Aimee Whalen
Master: **HDCam** Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
Shot 16:9 **HDTV**
02/05/99 - 0:40:00 Producer: Borst

SRC-000156 -2/2 **Stardust B-Roll & launch Coverage**
Rollback of Gantry Feb. 6; Aborted launch Feb. 6;

Real Launch Feb. 7 and Control Room Cheers from
Spacecraft separation and telemetry acquisition.
Site: KSC Audience: Resource
Client: Aimee Whalen
Master: HDCam Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
Shot 16:9 **HDTV**
02/06/99 - 0:40:00 Producer: Borst

SRC-000157 -1/1 **Stardust Launch - Short Version**
Fifteen minute version of Stardust launch
Site: Audience: Resource
Client: Stardust
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/08/99 - 0:15:00 Producer: Dawson

SRC-000158 -1/1 **B-Roll Footage of SRTM in 179 Hibay with Visiting Astronauts**
Shots of the Shuttle Radar Topography Mission (SRTM) hardware in JPL's Spaceflight Assembly Facility. Included are mechanical engineer Howard Eisen and visiting astronauts Mamoru Mohri, National Space Development Agency of Japan (NASDA); Dominic Gorie, NASA STS-99 mission pilot; Dr. Janice Voss, NASA; Dr. Janet Kavandi, NASA; Gerhard Thiele, European Space Agency, and Kevin Kregel, NASA STS-99 mission commander.
SRTM consists of radar antennas that operate from the Shuttle to make a high-resolution digital topographic database of the Earth.
Site: 179-Hibay 1 Audience: Resource
Client: Eric DeJong
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
Shot 16:9 **HDTV**
02/17/99 - 0:24:00 Producer: Borst

SRC-000170 -1/2 **SRTM Compilation Tape 1**
SRTM Compilation Tape-- (only VHS dubs)
*SRTM Mast Deployment 6/09/98 (15 min VHS)
*Ed Caro Video on Mast. 7/16/98 (16 min VHS)
Site: Audience: Resource
Client: Mona Jasnow
Master: BCAMsp Stored: 186-B10 Submaster:

Audio 1: Mono mix 2: Mono mix
07/22/99 - 0:31:00 Producer: Greg Parrillo

SRC-000170 -2/2 **SRTM Compilation Tape 2**
SRTM Compilation Tape-- (only betacam tapes)
** A compilation of interviews, time lapsed footage, preparation & movement of spacecraft, astronaut & engineer footage and technical testing of various parts of the spacecraft.
Site: Audience: Resource
Client: Mona Jasnow
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/22/99 - 0:45:00 Producer: Greg Parrillo

SRC-000171 -1/1 **Flyby of Mathilde and Eros**
Animation taken from VHS videos of flybys of asteroids Mathilde and Eros.
Original animations were not created at JPL.
Site: Audience: Resource
Client: Ainsworth
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/22/99 - 0:03:00 Producer: Beck/Dawson

SRC-000173 -1/2 **Deep Sea Probe testing at Monterey Bay Aquarium**
July 28 Media Day Test of Deep Sea Probe at Monterey Bay Aquarium. Interviews of Lloyd French. Shots thru tank glass of Probes' laser with divers.
Site: Monterey Bay Audience: Resource
Client: DeJong
Master: **HDCam** Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
16:9 format
07/29/99 - 0:39:00 Producer: Borst

SRC-000173 -2/2 **Deep Sea Probe testing at Monterey Bay Aquarium**
July 28 Night Test of Deep Sea Probe at Monterey Bay Aquarium. Interview of Lonnie Lane. Shots of Front of Aquarium and Bay. Night shots and pretty Bay shots with seals. Shot in 16x9 format.
Site: Monterey Bay Audience: Resource
Client: DeJong
Master: **HDCam** Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix

16:9 format
07/29/99 - 0:34:00 Producer: Borst

SRC-000174 -1/1 **Deep Space 1 Space Science Update Supporting Visuals**
The following are animations: Looking back at Braille Encounter, Pre-Encounter Simulation, Trajectory Geometry, Spinning Asteroid and 10 stills that were used in the press briefing.
Site: Audience: Resource
Client: Eric Dejong
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
08/03/99 - 0:05:55 Producer: Savona

SRC-000175 -1/1 **Cassini Animations**
Cassini Spacecraft animations showing flybys of Venus, Earth, Jupiter and the orbit insertion of Saturn. Also the Cassini boom deployment and trajectories.
Site: Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/12/99 - 0:09:00 Producer: Semerano

SRC-000176 -1/1 **Shuttle Radar Topography Misison (SRTM) Interviews/ "B-Roll"**
Raw interview footage of SRTM Team.
Thomas Farr, Wei Shen, Jeffrey Plaut, Howard Eisen, Michael Koberick, Ed Caro, Louise Veilleux, Neil Herman, Ed Litty, Goekjan Kayal
Site: Audience: JPL Resource
Client: Diane Ainsworth, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/11/99 - 1:45:00 Producer: Xaviant Ford

SRC-000180 -1/1 **Mars Climate Orbiter Arrival at Mars Animation**
Animation of the Mars Climate Orbiter Arriving at Mars and firing its main engine. Main engine burn will reduce the speed of the spacecraft and allow it to enter an orbit around Mars.
Site: Audience: Resource
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster:

Audio 1: Mono mix 2: Mono mix
09/21/99 - 0:03:20 Producer: DeJong

SRC-000181 -1/1 **MISR & ASTER Animations**
Two animations showing the operation of the MISR instrument aboard the Terra Spacecraft followed by four animations showing the operation of the ASTER instrument aboard the same spacecraft.
Site: Audience: Edu. NASA News Resource
Client: Diner and Abrams
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: silent 2: silent
09/25/99 - 0:04:00 Producer: Semerano

SRC-000183 -1/1 **Galileo Fly-By of Io, Orbit I-24**
Tape is made up of 4 animations:
I-24 Spacecraft & Satellite Position
I-24 Closest Approach to Io
Pan of C-21 Io Mosaic
Simulated Prometheus Eruption
Animation dated Oct.7,1999
Site: Audience: Resource
Client: Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/06/99 - 0:06:10 Producer: DeJong

SRC-000184 -1/1 **Galileo/Io Animations for SSU 11/19/99 - Final Version**
Pan of C-21 Io Mosaic
I-25 Closest Approach to Io
I-25 Spacecraft & Satellite Position
I-24 Spacecraft & Satellite Position
I-24 Closest Approach to IO
Animation by Eric DeJong/DIAL Lab
Site: Audience: Resource
Client: Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/19/99 - 0:10:00 Producer: DeJong

SRC-000186 -1/1 **Deep Space 2 Assembly in Cleanroom**
Assembly in cleanroom of DS-2 probes, shows assembly and soldering. Video shot by Photo Lab #9810-09
Site: Audience: Resource
Client: Hardin

Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/28/98 - 0:05:50 Producer: Dawson

SRC-000187 -1/1 **Visuals for the Space Science Update on Io/Galileo**
Volcanic Moon Io Mirrors Earth's Past. Visuals created for the Galileo/IO SSU held at Headquarters 11/19/99. Still images and a zoom into a volcanic plume. Tape illustrates several imaging technologies.
Site: Audience: Resource
Client: Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/17/99 - 0:08:26 Producer: Dawson

SRC-000188 -1/1 **Mars Polar Lander Animation**
Showing Mars Polar Lander making a soft landing on the surface of Mars and beginning digging operations.
Animated by Jeff Alu. Modeled by Corby Waste.
Site: Audience: JPL Resource
Client: MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/29/19 - 0:02:00 Producer:

SRC-000189 -1/1 **Mars Polar Lander Pre-Landing Press Events B-Roll,(12/1/99-12/2/99)**
Shot 16:9 HDTV
Site: Audience: JPL Resource
Client:
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/01/19 - 0:40:00 Producer: Postell

SRC-000190 -1/1 **Mars Polar Lander Pre-Landing Press Events B-Roll, 12/02/99**
Shot 16:9 HDTV
Site: Audience: JPL Resource
Client:
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/02/19 - 0:40:00 Producer: Postell

SRC-000191 -1/1 **Mars Polar Lander Pre-Landing Press Events 12/2/99 & 12/3/99**
Control Room 12/3/99 up to 11:35 AM

B-Roll Footage
Shot 16:9 HDTV
Site: JPL Audience: JPL Resource
Client: MRO/Frank O'Donnell, Org. 1810
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/03/19 - 0:40:00 Producer: Lindblom

SRC-000192 -1/1 **Mars Polar Lander Control Room, 12/3/99 (11:40 AM - 2:40 PM)**
Pre-landing B-roll, raw footage
Shot 16:9 HDTV
Site: JPL Audience: JPL Resource
Client: MRO/Frank/O'Donnell, Org. 1810
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/03/19 - 0:40:00 Producer: Lindblom

SRC-000197 -1/1 **Mars Polar Lander Control Room, 12/3/99 Through DS2 Midnight Pass**
Shot 16:9 HDTV
Site: JPL Audience: JPL Resource
Client: MRO/Frank O'Donnell, Org. 1810
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/03/19 - 0:40:00 Producer: Lindblom

SRC-000198 -1/1 **Zoom Into IO Animation**
Animation created for a talk Dr. Torrence Johnson is to give at the 1999 AGU Conference in San Francisco, California on Thursday, 12/16/1999. Image zoom/dollies from a full shot of Io to a B&W super of a gigantic volcanic hot spot. This B&W image becomes a color image.
Site: Audience: JPL Resource
Client: Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/14/19 - 0:01:20 Producer: Semerano

SRC-000200 -1/1 **Terra Spacecraft Launch Aboard an Atlas Launch Vehicle**
Terra Spacecraft with two JPL instruments, MISR and ASTER, successfully launched. Recorded off NASA TV.
Site: Audience: Resource
Client: Dave Diner

Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/18/19 - 0:10:00 Producer: Semerano

SRC-000201 -1/1 **ACRIMSAT Launch coverage from Vandenberg AFB**
Korean Launch coverage of ACRIMSAT (Active Cavity Radiometer Irradiance Monitor) from Vandenberg AFB.Starts at minus 7 minutes to +3 minutes.
Site: NASA TV Audience: Gen. Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/20/19 - 0:10:00 Producer:

SRC-000202 -1/1 **Galileo Shake Test - Test #77**
Film transfer.
Site: Audience: Resource
Client:
Master: 3/4" Stored: 186-B10 Submaster:
Audio 1: 2:
02/27/19 - 0:20:50 Producer:

SRC-000203 -1/1 **Visualization of Dynamic Volcanic Processes**
The Advance of Lava Flows in the Kamoamoa Flow Field, Kilauea Volcano, Hawaii. The two animations were created from airborne multispectral scanner data collected over the Kamomoa Flow Field of Kilauea Volcano between September 3 and September 17, 1995. At that time new surface flows were advancing down the flow field en route to the Pacific Ocean. Our animations, which depict the motion of these flows, were created from sequence of ten multi-spectral images.
Commercial, off the shelf software was used to interpolate the positions of the lava flows in the intervals between the dates covered by the ten multi-spectral images and render an animated perspective view of the flow field and active lava flows. Animation is an effective tool for visualizing time series data sets. Such data will become more commonplace in the era of NASA's Earth Observing System (EOS) missions.
Site: Hawaii Audience: JPL Resource
Client: Steven L. Adams
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

01/17/19 - 0:04:35 Producer:

SRC-000204 -1/1 **Deep Impact Animation**
Animation showing trajectory, impactor release, correction towards a comet, impact with comet and flyby of spacecraft photographing result.
Site: Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
01/26/19 - 0:01:20 Producer: Semerano

SRC-000205 -1/1 **SIRTF Animations**
A series of animations showing the SIRTF spacecraft orbiting the sun, imaging the Orion constellation, imaging planets around a distant star, with a cut-away depicting how the telescope is cooled, and with Earth in background.
Site: Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
01/26/19 - 0:02:00 Producer: Semerano

SRC-000207 -1/2 **STS-99 SRTM Boom Mast Deploy**
STS-99 SRTM (Shuttle Radar Topography Mapper) Boom Mast Deployment. Tape 1 contains live coverage of the mast extending from the canister. Deployment lasts 20 minutes.
Site: Audience: Resource
Client: Mona Jasnow
Master: BCAMsp Stored: 186-B10 Submaster: sVHS
Audio 1: Mono mix 2: Mono mix
02/11/2000 - 0:30:00 Producer:

SRC-000207 -2/2 **STS-99 SRTM Boom Mast Deploy**
STS-99 SRTM(Shuttle Radar Topography Mapper) Boom Mast Deployment. Tape 2 contains live coverage of the unfurling of the radar mast.
Site: Audience: Resource
Client: Mona Jasnow
Master: BCAMsp Stored: 186-B10 Submaster: sVHS
Audio 1: Mono mix 2: Mono mix
02/11/2000 - 0:30:00 Producer:

SRC-000208 -1/2 **TOPEX/Poseidon Launch on Ariane V52P**

TOPEX/Poseidon was launched into Earth's orbit by an Ariane V52P rocket from the European Space Agency's Space Center located in Kourou, French Guiana -- the first launch of a NASA payload from this site.
Site: Audience: Resource
Client:
Master: BCAM Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
PAL format
08/10/19 - 0:30:00 Producer: ESA

SRC-000208 -2/2 **TOPEX/Poseidon Launch on Ariane V52P**
Part 2 of 2.
Site: Audience: Resource
Client:
Master: BCAM Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
PAL format
08/10/19 - 0:20:00 Producer: ESA

SRC-000209 -1/3 **STS-99 SRTM Flight Day Highlights Days 1-5**
Various Astronaut shots and animations regarding the Shuttle Radar Topography Mission (SRTM). Contains launch of shuttle and deployment of mast. Shuttle launched 2/11/00
Site: Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/16/2000 - 1:20:00 Producer: JSC

SRC-000209 -2/3 **STS-99 SRTM Flight Day Highlights Days 6-9**
Various Astronaut shots and animations regarding the Shuttle Radar Topography Mission (SRTM).
Site: Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/16/2000 - 1:21:00 Producer: JSC

SRC-000209 -3/3 **STS-99 SRTM Flight Day Highlights Days 10-11**
Various Astronaut shots and animations regarding the Shuttle Radar Topography Mission (SRTM). Contains retraction of boom and shuttle landing. Shuttle landed on 2/22/2000.

Site: Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/16/2000 - 0:00:00 Producer: JSC

SRC-000210 -1/1 **MGS South Polar Cap Mosaics - Video File**
Mosaic images of the Martian South Polar Caps taken by the Mars Global Surveyor (MOC2-223). Images show the exotic, layered terrain thought to be made up of carbon dioxide, water and fine dust.
Site: Audience: News Resource
Client: Mary Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/07/2000 - 0:01:06 Producer: Semerano

SRC-000211 -1/1 **SRTM Simulated Flight Along the Garlock and San Andreas Faults, CA.**
This Shuttle Radar Topography Mission (SRTM) computer animation begins looking down on a region of California located East of Bakersfield and West of Lancaster and Palmdale. North is approximately to the right of the frame. The San Gabriel & Tehachapi Mountains form an inverted "V" frame. A radar derived digital elevation map and a high resolution Thematic Mapper (TM) image enable us to create two simulated flights; one along the Garlock and the other along the San Andreas Fault. We end each flight at Mount Pinos. The SRTM elevation map identifies the height of 1.5 to enhance small scale features. The natural color of the terrain is created by combining several TM image bands.
Site: JPL/DIAL Audience: Resource
Client: Shigeru Suzuki
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/20/1900 - 0:02:38 Producer: DeJong

SRC-000213 -1/1 **The 1999 Hurricane Season Observed by QuikSCAT**
Visualization of QuikSCAT data including 1999 hurricanes Bret, Cindy, Dennis, Greg, Floyd, Gert, Hilary, and Harvey created by authors:
W. Timothy Liu, Hua Hu, Wenging Tang
Site: FTP (Quicktime) Audience: News Resource
Client: Hua Hu
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: silent 2: silent

07/17/2000 - 0:02:37 Producer: Hanchett

SRC-000214 -1/1 **Mars 2003 Spacecraft Trajectory Paths**
Short animation showing trajectory paths of the two Mars Lander spacecrafts scheduled for launch in 2003. View is from north of the ecliptic looking down.
Site: Audience: News Resource
Client: Mary Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: silent 2: silent
08/06/2000 - 0:00:30 Producer: Semerano

SRC-000216 -1/1 **Deep Impact ICON Animation**
Animation showing trajectory of the Deep Impact Mission.
Site: Audience: Resource
Client: Rountree-Brown
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Silent 2: Silent
08/23/2000 - 0:01:00 Producer: Semerano

SRC-000218 -1/1 **LASR Animation**
A computer animation showing the deployment of the Large Aperture Spaceborne Radar (LASR). LASR is a system of autonomous antenna panels that together constitute a scalable wide bandwidth radar as well as spacecraft. The autonomous panels of the LASR design are completely self-contained.
Site: JPL Audience: Tech. Resource
Client: Suzanne Spitz
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
08/26/2000 - 0:02:49 Producer: Semerano

SRC-000219 -1/1 **Shuttle Radar Topography Mission (SRTM) flyover of New York**
A narrated simulated flight from Syracuse, New York to Manhattan using SRTM C-band topography and Thematic Mapper imagery.
Site: Audience: Resource
Client:
Master: BCAMsp Stored: Archive Submaster:
Audio 1: Mono mix 2: Mono mix
09/26/2000 - 0:02:20 Producer: De Jong

SRC-000220 -1/1 **Gamma-Ray Large Area Space Telescope**
Animation of the Gamma-Ray Large Area Space Telescope

unfolding its solar panels and extending its antenna while in orbit around Earth
Site: Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
09/29/2000 - 0:00:30 Producer: Semerano

SRC-000221 -1/1 **GALEX Telescope**
B-Roll of the GALEX Telescope in Bldg 306 low bay clean room.
Site: Audience: Resource
Client: Jane Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/27/2000 - 0:14:00 Producer: Semerano

SRC-000222 -1/1 **STS-99 SRTM Image Data Dub Room in the Material Processing Lab.**
Site: Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/07/2000 - 0:03:00 Producer: Johnson Controls, Inc

SRC-000226 -1/1 **DSS 14-Mars Station 64-meter Antenna Construction Time Lapse Film**
Time lapse of the construction from the ground up. The Deep Space Network (DSN) Antenna is located at Goldstone, California. The Antenna was upgraded to 70 meters in 1988
Site: Goldstone CA Audience: Resource
Client: Shirley Wolff, Org. 1830
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
01/01/1966 - 0:03:39 Producer:

SRC-000229 -1/4 **Dr. Edward Stone Interviewed by Blaine Baggett**
HDTV 1080i raw takes.
Dr. Edward Stone, Director of the Jet Propulsion Laboratory (JPL), Jan. 1991-Apr. 2001, talks about his career. Casual interview, shot in his office at JPL.
Site: Stone's Office Audience: Resource
Client: B. Baggett, Org. 1800
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:28:38 Producer: Bridges

SRC-000229 -2/4 **Dr. Edward Stone Interviewed by Blaine Baggett**
Part 2 of 4
Site: Stone's Office Audience: Resource
Client: B. Baggett, Org. 1800
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:29:31 Producer: Bridges

SRC-000229 -3/4 **Dr. Edward Stone Interviewed by Blaine Baggett**
Part 3 of 4
Site: Stone's Office Audience: Resource
Client: B. Baggett, Org. 1800
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:28:50 Producer: Bridges

SRC-000229 -4/4 **Dr. Edward Stone Interviewed by Blaine Baggett**
Part 4 of 4
Site: Stone's Office Audience: Resource
Client: B. Baggett, Org. 1800
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:20:00 Producer: Bridges

SRC-000230 -1/4 **Dr. Edward Stone Interviewed by Blaine Baggett**
Betcam SP raw takes.
Dr. Edward Stone, Director of the Jet Propulsion Laboratory (JPL), Jan. 1991-Apr. 2001, talks about his career. Casual interview, shot in his office at JPL.
Site: Stone's Office Audience: Resource
Client: Blaine Baggett, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:28:38 Producer: Bridges

SRC-000230 -2/4 **Dr. Edward Stone Interviewed by Blaine Baggett**
Part 2 of 4
Site: Stone's Office Audience: Resource
Client: Blaine Baggett, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:29:31 Producer: Bridges

SRC-000230 -3/4 **Dr. Edward Stone Interviewed by Blaine Baggett**
Part 3 of 4

Site: Stone's Office Audience: Resource
Client: Blaine Baggett, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:28:50 Producer: Bridges

SRC-000230 -4/4 **Dr. Edward Stone Interviewed by Blaine Baggett**
Part 4 of 4
Site: Stone's Office Audience: Resource
Client: Blaine Baggett, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:15:22 Producer: Bridges

SRC-000233 -1/1 **2001 Mars Odyssey Assembly Activites from KSC**
Site: KSC Audience: Resource
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/05/2001 - 0:26:00 Producer: KSC

SRC-000234 -1/1 **B-Roll footage of Mars Odyssey Pre-Launch**
Tower rollback, blockhouse shots and Press Site with liftoff. Shot by KSC staff.
Site: KSC Audience: Gen. Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/06/2001 - 0:15:00 Producer: KSC

SRC-000236 -1/1 **NASA VideoFile - The Planet Earth NASA remote Sensing Legacy**
Dramatic zooms from Earth orbit to various cities in the United States. Using imaging from three spacecraft shows the zooms as well as changes on the earth over time. Interviews with participating scientists follow the footage. An SRTM flyover of Santa Barbara Calif. is on last 1:28.
Site: Audience: Gen. Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/16/2001 - 0:44:25 Producer: NASA

SRC-000237 -1/1 **Mars Odyssey Launch HDTV Tracker camera**
Footage of launch from Sony HDCam on tracker. Shot by Walt Lindblom of MSFC.
Site: KSC Audience: Resource

Client:
Master: HDCam Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/07/2001 - 0:07:00 Producer:

SRC-000238 -1/1 **Genesis, Arrival at Shuttle Landing Facility (SLF), Night** Coverage
KSC Number 01-0207
Aerospace Imaging/Johnson Controls, Inc.
www.aerospaceimaging.com
Site: KSC Audience: NASA Resource
Client: Martha Heil, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/31/2001 - 0:06:00 Producer: KSC

SRC-000239 -1/1 **Genesis, Unpacking & Moving to Stand, Payload Hazardous Servicing Fac.**
KSC Number 01-0210
Aerospace Imaging/Johnson Controls, Inc.
www.aerospaceimaging.com
Site: KSC Audience: NASA Resource
Client: Martha Heil, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/01/2001 - 0:12:00 Producer: KSC

SRC-000240 -1/1 **Genesis, Solar Panel Development, Payload Hazardous Servicing Facility**
KSC Number 01-0215
Aerospace Imaging/Johnson Controls, Inc.
www.aerospaceimaging.com
Site: KSC Audience: Resource
Client: Martha Heil, Org. 1810
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
06/04/2001 - 0:04:00 Producer: KSC

SRC-000241 -1/1 **Genesis,UHF Antenna Installation, Payload Hazardous Servicing Facility**
KSC Number 01-0216
Aerospace Imaging/Johnson Controls, Inc.
www.aerospaceimaging.com
Site: KSC Audience: NASA Resource
Client: Martha Heil, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:

Audio 1: Mono mix 2: Mono mix
06/06/2001 - 0:08:00 Producer: KSC

SRC-000242 -1/1 **Genesis Delta First Stage Erection, Complex 17A**
KSC Number 01-0223
Aerospace Imaging/Johnson Controls, Inc.
www.aerospaceimaging.com
Site: KSC Audience: NASA Resource
Client: Martha Heil, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/12/2001 - 0:04:50 Producer: KSC

SRC-000243 -1/1 **Genesis, Delta Solid Rocket Boosters, Erect at Complex 17A**
KSC Number 01-0225
Aerospace Imaging/Johnson Controls, Inc.
www.aerospaceimaging.com
Site: KSC Audience: NASA Resource
Client: Martha Heil, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/13/2001 - 0:11:00 Producer: KSC

SRC-000244 -1/1 **Genesis, Payload Hazardous Servicing Facility (PHSF) Press Show**
KSC Number 01-0227
Aerospace Imaging/Johnson Controls, Inc.
www.aerospaceimaging.com
Site: KSC Audience: NASA Resource
Client: Martha Heil, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/13/2001 - 0:03:50 Producer: KSC

SRC-000256 -1/1 **Rosetta Spacecraft Animation from ESA**
European Space Agency (ESA) animation was created in June 1999. Sequence A is of Comet Wirtanen soaring through space; Sequence B is of Rosetta arriving near Comet's path; Sequence C shows lander being released from Rosetta. The last sequences show lander on surface of comet.
Site: Audience: Resource
Client: MIRO/Webster
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
08/15/2001 - 0:03:40 Producer: Savona

SRC-000257 -1/1 **Delta, Genesis Launch**
Site: KSC Audience: NASA Resource
Client: KSC, Org. KSC
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/08/2001 - 0:03:00 Producer: KSC

SRC-000258 -1/1 **GENESIS Pre Launch Compilation**
Compilation of Genesis pre launch activities spacecraft testing, Delta II assembly, rocket stage erection and roll out to Complex 17 A.
Footage is in chronological order from 6/13 to 8/2/01.
Site: KSC Audience: Resource
Client: Heil
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/22/1901 - 1:07:00 Producer: KSC

SRC-000259 -1/2 **Mars Odyssey Launch Coverage from JPL**
Control Room shots of JPL MSA during launch and after switch to JPL for signal acquisition for Mars Odyssey spacecraft. Edited for AVC 2001-055. Shots of Dave Spencer, Marla Thorton, Al Nakata, Bob Mace and others in 264-MSA. JPL Program begins at 40:16.
Site: JPL 264-231 Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/13/2001 - 1:30:00 Producer: Beck

SRC-000259 -2/2 **Mars Odyssey Launch Coverage from JPL**
Control Room shots of JPL MSA during launch and after switch to JPL for signal acquisition for Mars Odyssey spacecraft. Edited for AVC 2001-055. Shots of Dave Spencer, Marla Thorton, Al Nakata, Bob Mace and others in 264-MSA.
Site: JPL 264-231 Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/13/2001 - 0:28:10 Producer: Beck

SRC-000260 -1/1 **Jason Arrival at Vandenberg Air Force Base, Raw Footage**
Coverage of the arrival of the Jason spacecraft to Vandenberg Air Force Base in California. Recorded on August 17, 2001.
Site: Audience: Resource

Client: Sullivant
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/07/2001 - 0:08:28 Producer: John Demko

SRC-000264 -1/1 **Deep Impact Separation and De-Spin Animation**
The animation opens with the joint flyby and impactor spacecraft before separation from the third stage. The Boeing Delta 2925 uses a spin-stabilized Star 48 upper stage to provide the final energy and injection accuracy, sending Deep Impact on an 18 month journey towards comet Tempel 1. But before releasing the spacecraft the launch vehicle must despin the system from approximately 60 rpm to less than 5 rpm. This is accomplished using a yo-yo despin system which unwraps two cable-weight assemblies, raising the mass inertia, and slowing the system cable-weight assemblies, raising the mass inertia, and slowing the system in a manner not unlike an ice skater throwing her arms out to slow her rotation.
Following third stage separation the Deep Impact flight system deploys it's two solar array panels and stabilizes itself by firing its reaction control thrusters. The flight system then enters sun-acquisition mode and begins electrical power generation necessary for the long voyage.
Site: Boulder, CO Audience: Gen. Resource
Client: M. Roundtree-Brown
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/09/2001 - 0:03:14 Producer: All Video Prod.

SRC-000266 -1/1 **DSN Antennas Distribution Around the Earth**
A short animation showing the placement on the Earth of the Goldstone, Madrid and Canaberra large antennas.
Site: Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/29/2001 - 0:00:30 Producer: Semerano

SRC-000272 -1/1 **Jason 1 Animation - Edited with Narration & Music**
SRC272 was edited & tracked by Raytheon to create a DVC tape. This tape is made from the DVC tape.
Use this as dubbing master.
********** NOTE: You must ride the video & setup during dubbing to compensate for errors in the original DVC tape.
****

Site: Audience: Resource
Client: Srinivasan
Master: DV Stored: 186-B10 Submaster:
Audio 1: Stereo 2: Stereo
11/12/2001 - 0:05:00 Producer: Kline

SRC-000273 -1/1 **Jason-1 launch coverage from Vandenberg AFB**
Jason-1 launch coverage from Vandenberg AFB. Launch occurs at 7:07 am. Launch occurs approx. 49 minutes into tape. Coverage includes animations and b-roll footage.
Site: Vandenberg AFB Audience: Gen. Resource
Client: Annie Richardson
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
12/07/2001 - 1:30:00 Producer: Kline

SRC-000275 -1/1 **Genesis/Delta II Launch with Playbacks**
NASA Release KSC-TV
Site: Audience: NASA Resource
Client: NASA HQ
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/08/2001 - 1:05:00 Producer: NASA HQ

SRC-000277 -1/1 **SRTM Rose Bowl Flyover**
Data from the Shuttle Radar Topography Mission is combined with Landsat Thematic Mapper data and aerial photography to create a 3-dimensional flyover of Pasadena, California, and the Rose Bowl.
Site: Audience: JPL NASA News Resource
Client: Buis
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: MOS 2: MOS
12/27/2001 - 0:01:00 Producer: Michael Kobrick

SRC-000280 -1/1 **Solar Powered Satellite**
Three animations showing a future concept satellite orbiting Earth and collecting energy from the Sun and redirecting it through a concentrated beam to power a spacecraft in flight as well as provide electrical energy back on Earth.
Site: JPL Audience: Tech. Resource
Client: Leo Didomenico
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
01/28/2002 - 0:01:39 Producer: Semerano

SRC-000282 -3/3 **NASA Day for Students**
Rep. Adam Schiff (D-CA) participated along with approximately 200 eighth grade students from his district. The event was presented by the Distance Learning Outpost staff at JSC. The program was telecasted from JSC and featured a educaitonal virtual tour of the International Space Station.
Site: JPL/von Kármán Audience: JPL NASA Resource
Client: Patty Rhee, Org. 107
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/01/2002 - 2:00:00 Producer: Bridges

SRC-000314 -1/1 **Aerials of JPL from Coptervision in High Def.**
Shots begin from looking down on the arroyo and ending on full shot of the lab.
Full shot of mars rover in Mars Yard as camera pulls out from high above yard revealing the lab.
Footage shot by Coptervision Inc.
Best takes at 3:40, 4:00 and 4:55
Site: JPL Audience: Resource
Client: JPL
Master: HDCam Stored: 186-B10 Submaster: BCAMsp
Audio 1: Silent 2: Silent
HD CAM FORMAT
03/05/2002 - 0:05:20 Producer: Dawson

SRC-000315 -1/3 **JPL Footage in High Def.**
Traveling shot from East Lot of lab.
From Dam looking at lab very wide at Sunrise.
Site: JPL Audience: Resource
Client: JPL
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Wild 2: Wild
HD CAM FORMAT
03/05/2002 - 0:00:00 Producer: Dawson

SRC-000315 -2/3 **JPL Footage in High Def.**
East Lot shot of lab at Sunrise.
From Dam looking at lab very wide at Sunrise.
Rollervision shot crossing rockets.(no audio)
Rollervision shot In-Situ lab. (no audio)
Site: JPL Audience: Resource
Client: JPL
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Wild 2: Wild

HD CAM FORMAT
03/05/2002 - 0:00:00 Producer: Dawson

SRC-000315 -3/3 **JPL Footage in High Def.**
Mall shots on Rollervision.
Site: JPL Audience: Resource
Client: JPL
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
HD CAM FORMAT
03/05/2002 - 0:10:00 Producer: Dawson

SRC-000316 -1/2 **Goldstone Footage in High Def.**
Rollervision shots of Mars site.
Site: JPL Audience: Resource
Client: JPL
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
HD CAM FORMAT
03/07/2002 - 0:00:00 Producer: Savona

SRC-000316 -2/2 **Goldstone Footage in High Def.**
Apollo, Venus and Echo sites.
Rollervision Shots of sites and static shots from hillside overlooking Apollo site.
Static shots of Echo site.
Site: JPL Audience: Resource
Client: JPL
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
HD CAM FORMAT
03/07/2002 - 0:00:00 Producer: Savona

SRC-000325 -1/1 **High Definition Footage of 180 Exterior & 230 Interior B-roll**
Shots in mall panning to 180. Interiors of 230 dark room.
Site: JPL Audience: Resource
Client: Blaine Baggett
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
HD CAM FORMAT
01/20/2002 - 0:30:00 Producer: Savona

SRC-000326 -1/1 **Coptervision at Goldstone in High Def. for the 40th Anniversary**
Aerial footage of the Mars site, 70 meter dish.
Apollo valley 24, 25 and 26 dishes.
34 meter and 70 meter in bkg. or Uranus site.

Venus site.
Site: Goldstone Audience: Resource
Client: Blaine Baggett
Master: HDCam Stored: 186-B10 Submaster: BCAMsp
Audio 1: Silent 2: Silent
HD CAM FORMAT
04/03/2002 - 0:12:20 Producer: Dawson

SRC-000327 -1/4 **High Definition B-Roll of DIAL Conference Room and User Area**
Steadicam footage for JPL's 40 year anniversary documentary. First location is building 168 conference room, Eric De Jong talking in front of audience. Second location also building 168, shows engineers in user area in front of computer monitors.
Site: JPL Audience: Resource
Client: Blaine Baggett
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Nat. 2: Nat.
HD CAM FORMAT
04/08/2002 - 0:35:00 Producer: Gary Savona

SRC-000327 -2/4 **High Definition B-Roll of Cliffbot, Visitors Ctr., and Shaker Lab**
Steadicam footage for JPL's 40 year anniversary documentary. Building 82: Cliffbot climbing up hill. Building 177: Shots of visitors signing-in with Bobbie and Danae. Building 144: Large shaker with operator followed by smaller shaker with two operators.
Site: JPL Audience: Resource
Client: Blaine Baggett
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Nat. 2: Nat.
HD CAM FORMAT
04/08/2002 - 0:39:00 Producer: Gary Savona

SRC-000327 -3/4 **High Definition B-Roll of Project Design Ctr., Antenna Labs, Mars Yard**
Steadicam and Jimmy Jib footage for JPL's 40 year anniversary documentary. Project Design Center of designers at monitors. Mesa shots of Cloud Sat. antenna with engineer and Bell Jar testing lab. Mars Yard of FIDO in action using Jimmy Jib. Building 299: Inflatable Antennas using Jib.
Site: JPL Audience: Resource
Client: Blaine Baggett
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Nat. 2: Nat.
HD CAM FORMAT

04/08/2002 - 0:40:00 Producer: Gary Savona

SRC-000327 -4/4 **High Definition B-Roll of Solar Antennas, SFOF Mission Ops.**
Steadicam and Jimmy Jib footage for JPL's 40 year anniversary documentary. Mesa shots of Cloud S with engineer and Bell Jar testing lab. Mars Yard of FIDO in action using Jimmy Jib. Building 299: Solar Sail and Antennas using Jimmy Jib. And a outside shot of In-situ lab.
Site: JPL Audience: Resource
Client: Blaine Baggett
Master: HDCam Stored: 186-B10 Submaster:
Audio 1: Nat. 2: Nat.
HD CAM FORMAT
04/08/2002 - 0:30:00 Producer: Gary Savona

SRC-000334 -1/1 **Journey to the Planets Animations in High Def. & NTSC Letterbox**
Opening title-:20, Cassini Spacecraft turning-:20, Cassini releasing Huygens probe to Saturn-:20, Cassini passing rings of Saturn-:20, Deep Impact into comet-:20, Deep Impact releases impacter-:20, Impacter maneuvering in space-:15, Deep Space 1 at comet-1:00, Galileo passing camera-:20, Flying through stars and dust-:17, Terrestrial Planet Finder-:25, Jason over the Earth-:20, Zoom out from Earth-:10, Space Interferometry Mission(SIM)-:26, Space Infrared Telescope Facility(SIRTF)-:25, Solar System Formation-:44, Stardust Mission-:24, Titan atmosphere and probe descending-:20, Interferometer concept-:10, Galileo Trajectory-:28,
Site: Audience: Resource
Client: Blaine Baggett
Master: HDCam Stored: 186-B10 Submaster: BCAMsp
Audio 1: Silent 2: Silent
HDCAM FORMAT & AVAILABLE IN NTSC LETTERBOX
05/13/2002 - 0:08:26 Producer: Savona

SRC-000335 -1/1 **The Galaxy Evolution Explorer (GALEX) Instrument B-Roll**
GALEX in clean room.
Site: Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/07/2001 - 0:12:06 Producer: Savona

SRC-000337 -1/13 **Deep Space - 1 (Activities) Press Showing in the PHSF**
Site: KSC Audience: Resource
Client:

Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/29/1998 - 0:05:35 Producer: KSC

SRC-000337 -2/13 **Deep Space - 1 (Activities) Press Showing in the PHSF**
Deep Space - 1 Press Showing in the PHSF.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/29/1998 - 0:06:06 Producer: KSC

SRC-000337 -3/13 **Deep Space - 1 (Activities) Lift and Move to Transporter**
Deep Space - 1 Lift and move to Transporter.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/30/1998 - 0:04:51 Producer: KSC

SRC-000337 -4/13 **Deep Space - 1 (Activities) Moved to the DPF.**
Deep Space - 1 Moved to the DPF.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/01/1998 - 0:07:00 Producer: KSC

SRC-000337 -5/13 **Deep Space - 1 (Activities) Spin Test in the DPF.**
Deep Space - 1 Spin test in the DPF.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/02/1998 - 0:02:20 Producer: KSC

SRC-000337 -6/13 **Deep Space - 1 (Activities) In DPF Spin by Hand.**
Deep Space - 1 In DPF spin by hand.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/02/1998 - 0:04:04 Producer: KSC

SRC-000337 -7/13 **Deep Space - 1 (Activities) Mate to Motors at the DPF.**
Deep Space - 1 Mate to Motors at the DPF.

Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/07/1998 - 0:05:00 Producer: KSC

SRC-000337 -8/13 **Deep Space - 1 (Activities) Canning at the DPF East Bay**
Deep Space - 1 Canning at the DPF East Bay.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/10/1998 - 0:09:00 Producer: KSC

SRC-000337 -9/13 **Deep Space - 1 (Activities) Moved from the DPF to Delta Launch**
Deep Space - 1 Moved from the DPF to Delta launch complex 17-A and uncovered.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/12/1998 - 0:05:00 Producer: KSC

SRC-000337 -10/13 **Deep Space - 1 (Activities) Fairing Installation at Launch Complex**
Deep Space - 1 Fairing installation at launch complex 17-A, Delta.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/16/1998 - 0:08:00 Producer: KSC

SRC-000337 -11/13 **Deep Space - 1 (Activities) Pre-launch**
Deep Space - 1 Pre-launch activities.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/24/1998 - 0:06:52 Producer: KSC

SRC-000337 -12/13 **Deep Space - 1 (Activities) Pre-launch**
Deep Space - 1 Pre-launch activities.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

10/24/1998 - 0:06:52 Producer: KSC

SRC-000337 -13/13 **Deep Space - 1 (Activities) S/C and Launch Vehicle Flow to Pre-launch**
Deep Space - 1 S/C and Launch Vehicle flow up to Pre-launch.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/25/1998 - 0:30:00 Producer: KSC

SRC-000338 -1/18 **STARDUST - (Activities) Arrival and Offload then Moved to the PHSF**
STARDUST Arrival and offload then moved to the PHSF and uncovered.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/12/1998 - 0:16:00 Producer: KSC

SRC-000338 -2/18 **STARDUST - (Activities) Removal of Solar Panels from Stardust**
STARDUST - Removal of solar panels from Stardust.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/13/1998 - 0:04:00 Producer: KSC

SRC-000338 -3/18 **STARDUST - (Activities) Science Panel Rotation in the PHSF**
Delta Stardust science panel rotation in the PHSF.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/02/1998 - 0:03:00 Producer: KSC

SRC-000338 -4/18 **STARDUST - (Activities) Sample Return at the PHSF**
Stardust sample return at the PHSF.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/04/1998 - 0:03:00 Producer: KSC

SRC-000338 -5/18 **STARDUST - (Activities) Aerojell Return Capsule Opened in the PHSF**
Stardust Aerojell return capsule opened in the PHSF.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/15/1998 - 0:03:30 Producer: KSC

SRC-000338 -6/18 **STARDUST - (Activities) Stardust in the PHSF**
Stardust in the PHSF.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/21/1998 - 0:06:30 Producer: KSC

SRC-000338 -7/18 **STARDUST - (Activities) 1st Stage Erection at Launch Complex 17-B**
Delta Stardust 1st stage erection at launch complex 17-B.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/05/1999 - 0:06:30 Producer: KSC

SRC-000338 -8/18 **STARDUST - (Activities) Solids Erection at Launch Complex 17-B**
Delta Stardust Solids Erection at launch complex 17-B.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/06/1999 - 0:03:00 Producer: KSC

SRC-000338 -9/18 **STARDUST - (Activities) Solids Stacking at Launch Complex 17-A**
Delta Stardust solids stacking at launch complex 17-A.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/07/1999 - 0:04:30 Producer: KSC

SRC-000338 -10/18 **STARDUST - (Activities) Lift and Payload Rotation at the PHSF**
Delta, Stardust lift and payload rotation at the PHSF.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:

Audio 1: Mono mix 2: Mono mix
01/11/1999 - 0:03:30 Producer: KSC

SRC-000338 -11/18 **STARDUST - (Activities) Deploy Panel and Lighting Test at the PHSF**
Delta, Stardust deploy panel and lighting test at the PHSF.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/11/1999 - 0:05:00 Producer: KSC

SRC-000338 -12/18 **STARDUST - (Activities) Second Stage Erection at Launch Complex 17-A**
Delta, Stardust second stage erection at launch complex 17-A.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/14/1999 - 0:07:00 Producer: KSC

SRC-000338 -13/18 **STARDUST - (Activities) Press showing at the PHSF**
Delta, Stardust press showing at the PHSF.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/22/1999 - 0:02:30 Producer: KSC

SRC-000338 -14/18 **STARDUST - (Activities) Mate to 3RD Stage**
Delta, Stardust Mate to 3RD Stage.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/26/1999 - 0:05:00 Producer: KSC

SRC-000338 -15/18 **STARDUST - (Activities) Video Camera Installed on Second Stage**
Delta, Stardust video camera installed on second stage at launch complex 17-A.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/26/1999 - 0:03:00 Producer: KSC

SRC-000338 -16/18 **STARDUST - (Activities) Canning and Lift to Transport at the PHSF**
Delta, Stardust canning and lift to transport at the PHSF.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/27/1999 - 0:04:30 Producer: KSC

SRC-000338 -17/18 **STARDUST - (Activities) Moved from the PHSF to Launch 17-A**
Delta, Stardust moved from the PHSF to launch complex 17-A
for lift and mate to second stage.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/28/1999 - 0:11:30 Producer: KSC

SRC-000338 -18/18 **STARDUST - (Activities) Fairing Installation at Launch Complex 17-A**
Delta, Stardust fairing installation at launch complex 17-A.
Site: KSC Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/02/1999 - 0:06:00 Producer: KSC

SRC-000339 -1/1 **Deep Impact Animation Compilation**
SRC-000204 Deep Impact Animation - 1:20 Min.
SRC-000216 Deep Impact Icon Animation - :60 Sec.
SRC-000264 Deep Impact Separation and De-Spin
Animation - 3:14 Min.
Site: JPL Audience: JPL Resource
Client: Maura Rountree-Brown
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/14/2002 - 0:06:00 Producer: Semerano

SRC-000341 -1/1 **NASA's Sun Earth Connection Highlight Tape**
This Highlight tapes shows dramatic changes on the sun during
its active point "Solar Maximum" in 2000 and 2001. Contains
images of Solar flares, Sun spots, Coronal Mass Ejections
(CME) taken from the SOHO, IMAGE, and YOHKOH spacecrafts.
Site: Audience: Gen. Edu. Resource
Client: NASA TV
Master: BCAMsp Stored: 186-B10 Submaster:

Audio 1: Mono mix 2: Mono mix
06/03/2002 - 0:59:40 Producer: GSFC/R Weintaub

SRC-000342 -1/1 **JASON-1 /TIMED Pre-Launch and Launch Highlights**
Coverage of the JASON-1 /Timed pre-launch and launch activities. Accompanied b-roll includes mission animation, launch vehicle preparation, and final spacecraft testing. On-board camera coverage included in launch segment from liftoff to final stage separation.
Site: Audience: Gen. Edu. NASA Resource
Client: M. Srinivasan
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/03/2002 - 0:35:00 Producer: KSC

SRC-000343 -1/1 **55 Cancri - Web Production**
Animation showing the 55 Cancri solar system.
Site: JPL Audience: Resource
Client: Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: silent 2: silent
06/08/2002 - 0:02:15 Producer: Alu/Semerano

SRC-000344 -1/1 **Interferometry Animations**
Five animations with labels showing the basic concepts of interferometry including an animation of a proposed spacecraft designed to make measurements to detect planets around other stars.
Site: Audience: Resource
Client:
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
07/30/2002 - 0:04:00 Producer: Semerano

SRC-000346 -1/1 **"Voyager" and "Summary of the Ranger VII, VIII and IX Television Pic."**
High quality transfers by Complete Post, 9/4/84 of two JPL Films:
"Voyager"-1984 25:00, AVC-1984-005, JPL 1113
(mission to Jupiter & Saturn, later to Uranus & Neptune)
"Summary of the Ranger VII, VIII and IX Television Pictures"-1965 29:30, AVC-1992-152, JPL 693
(impacted the Moon 1964 & 1965)
Site: Audience: Gen. Resource
Client:
Master: 1"C Stored: 186-B10 Submaster:

Audio 1: Mono mix 2: Mono mix
09/04/1984 - 0:46:00 Producer:

SRC-000348 -1/1 **Voyager Animations**
Eight Voyager animations created for the 40th JPL anniversary production.
1. Voyager in orbit around Earth 20 seconds
2. Voyager 2 trajectory 20 seconds
3. Voyager traveling in space 20 seconds
4. Voyager approaching Jupiter 20 seconds
5. Voyager departing Jupiter 20 seconds
6. Voyager passing Saturn 40 seconds
7. Voyager approaching Uranus 30 seconds
8. Voyager departing Uranus 30 seconds
9. Voyager passing over Neptune and going out of the ecliptic plane 30 seconds
10. Voyager in space, close-up of record and pull out 22 seconds
Site: Audience: Resource
Client:
Master: D5HD30 Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/18/2002 - 0:05:00 Producer: Semerano

SRC-000354 -6/10 **DSS 55 Construction at DSN Station in Madrid Spain**
Construction of DSS 55 at Madrid complex was a three stage operation. First the dish minus a pie piece was lifted atop base, second the "quadpod" receiver was lifted into place and third the missing pie piece was fitted into place. Cory was sent to Spain to cover this event over 3 days. Weather was bad all three days with rain evident during lifting of dish,
Audience: Resource Site: Madrid Spain
Client: Eric DeJong
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
12/20/2002 - 0:30:30 Producer: Cory Borst

SRC-000356 -1/1 **SeaWinds on ADEOS II Separation from Launch Stages**
NASA's SeaWinds scatterometer instrument launches on a Japanese H-IIA launch vehicle from Japan. The SeaWinds instrument is a microwave radar that measures surface wind speed and direction over 90 percent of Earth's ice-free global oceans every day.
Audience: Resource Site: NASDA (Japan)
Client: Alan Buis

Master: BCAMsp
Audio 1: Silent 2: Silent
12/14/2002 - 0:04:00 Producer: Savona

SRC-000357 -1/1 **SeaWinds on ADEOS II CG Animation (Launch through Deployment)**
NASA's SeaWinds scatterometer instrument launches on a Japanese H-IIA launch vehicle from Japan. The SeaWinds instrument is a microwave radar that measures surface wind speed and direction over 90 percent of Earth's ice-free global oceans every day.
Audience: Resource Site: NASDA (Japan)
Client: Alan Buis
Master: BCAMsp
Audio 1: Silent 2: Silent
12/14/2002 - 0:05:53 Producer: Savona

SRC-000360 -1/1 **Explorer 1 40th Anniversary Roll-in for Dr. Pickering Talk**
Announcement of launch; 5 seconds of black; Vanguard failure; 5 seconds of black; Launch sequence.
Audience: Resource
Client: Pickering/Alexander, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/30/1998 - 0:07:00 Producer: Savona

SRC-000364 -1/1 **Atlas & Atlas / Centaur Launches from Vandenberg Air Force Base**
These stock launches were shot by the Visual Information Flight Office at Vandenberg.
Atlas 35 - Navstar (02/09/80)
56 - Intelsat (5/23/81)
59 - FLTSATCOM (8/6/81)
55 - INTELSAT V (12/15/81)
Audience: Resource
Client: Mona Jasnow, Org. 181
Master: BCAMsp
Audio 1: Silent 2: Silent
03/05/2003 - 0:30:00 Producer: Savona

SRC-000365 -1/1 **MER Cruise Stage Spin Tests Compilation**
Compilation of raw footage of Mars Exploration Rover cruise stage spin tests in Bldg. 144 at JPL. Shot on 11/04/02 and 11/23/02.
Audience: JPL Resource Site: BLDG. 144
Client:
Master: DVCPro50

Audio 1: Mono mix 2: Mono mix
01/16/2003 - 0:21:06 Producer: Rino Passaniti

SRC-000368 -1/1 **Galex Animation**
2:15 second animation showing the launch of Galex.
Audience: Resource
Client: Fanson
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
04/21/2003 - 0:02:55 Producer: Semerano

SRC-000370 -1/6 **Galaxy Evolution Explorer (GALEX) L-1011 Carrier Arrives at Kennedy**
The orbital sciences L-1011 carrier aircraft carrying the
Pegasus launch vehicle arrives at CCAFS skid strip.
Audience: Resource
Client: Jane Platt
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/25/2003 - 0:05:00 Producer: Kennedy Space Ctr.

SRC-000370 -2/6 **Galaxy Evolution Explorer (GALEX) Pegasus Launch Vehicle being towed**
Pegasus Launch vehicle, which is will carry GALEX, is towed
from skid strip to MPPF for payload integration.
Audience: Resource
Client: Jane Platt
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/25/2003 - 0:05:00 Producer: Kennedy Space Ctr.

SRC-000370 -3/6 **Galaxy Evolution Explorer (GALEX) Lift to Fixture & Rotation of GALEX**
The Galaxy Evolution Explorer lifted to rotation fixture and
then rotation of the GALEX in MPPF.
Audience: Resource
Client: Jane Platt
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/25/2003 - 0:07:00 Producer: Kennedy Space Ctr.

SRC-000370 -4/6 **Galaxy Evolution Explorer (GALEX) Lifted to the Rotation Stand**
The Galaxy Evolution Explorer payload lifted to the rotation
stand in MPPF.
Audience: Resource
Client: Jane Platt

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/25/2003 - 0:05:00 Producer: Kennedy Space Ctr.

SRC-000370 -5/6 **Galaxy Evolution Explorer (GALEX) is mated to Pegasus Launch Vehicle**
The Galaxy Evolution Explorer (GALEX) is mated to the Pegasus Launch Vehicle in the MPPF.
Audience: Resource
Client: Jane Platt
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/25/2003 - 0:08:00 Producer: Kennedy Space Ctr.

SRC-000370 -6/6 **Galaxy Evolution Explorer (GALEX) Solar System Panel Deployment**
The Galaxy Evolution Explorer (GALEX) solar panel deployment in the MPPF.
Audience: Resource
Client: Jane Platt
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/25/2003 - 0:02:00 Producer: Kennedy Space Ctr.

SRC-000377 -1/1 **MER-A "Spirit" Launch/JPL Switch**
JPL Internal switched program that aired locally. Four cameras in 230 Mission Support Area and feed from NASA TV coverage at Cape Canaveral, FL.
Audience: JPL Resource Site: JPL & KSC
Client: Media Relations, Org. 1810
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/10/2003 - 3:00:00 Producer: Hardine

SRC-000381 -1/1 **Camera replays of MER-A Launch**
Different tracking views of the Mars Exploration Rover "Spirit" launch including rocket camera looking down.
Audience: Resource Site: Cape Canaveral
Client: John Beck
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/10/2003 - 1:33:12 Producer: KSC

SRC-000417 -1/1 **JPL at Night**
Best shot at 00:08:26:00
Also some helicopter shots.
Audience: Resource

Client: JPL
Master:
Audio 1: Mono mix 2: Mono mix
02/23/1998 - 0:20:00 Producer: Dawson

SRC-000429 -1/1 **Flyby of Comet Wild 2 Seen Via a Series of Stills Made by Stardust**
The Stardust spacecraft made this series of images as it flew past Comet Wild 2 ("vilt 2"). Played as a sequence they show spacecraft-eye view of the rendezvous.
This short clip is played 3 times.
Audience: Resource
Client: Tom Duxbury
Master: DVCPro25
Audio 1: MOS 2: MOS
01/06/2004 - 0:00:10 Producer: Kline

SRC-000431 -1/1 **Cassini Animations Compilation Reel**
Animations from previous AVC and SRC videos combined with slates directing where the original material can be acquired.
Audience: Resource
Client:
Master: DVCPro50
Audio 1: silent 2: silent
02/05/2004 - 0:18:30 Producer: Semerano

SRC-000447 -1/1 **Stardust and Comet Animation**
Two animations showing the formation of jets emanating from a comet. One animation shows the Stardust Spacecraft going through the jets of the comet.
Audience: Resource Site: JPL
Client: Duxbury
Master: DVCPro50
Audio 1: Silent 2: Silent
06/14/2004 - 0:00:40 Producer: Semerano

SRC-000452 -1/1 **Galileo Spacecraft in the clean room**
Audience: NASA Resource Site: Los Angeles
Client: Jack Dawson, Org. 1810
Master: HDCam
Audio 1: Mono mix 2: Mono mix
06/16/2004 - 0:29:57 Producer: Werner Herzog

SRC-000453 -1/1 **Galileo Footage of Astronauts on Space Shuttle**
Astronauts aboard Space Shuttle shot by the astronauts during Galileo Launch.
16mm NASA footage.
Audience: NASA Resource Site: Space Shuttle
Client: Jack Dawson, Org. 1810
Master: HDCam
Audio 1: Mono mix 2: Mono mix
06/04/2004 - 1:16:34 Producer: Werner Herzog

SRC-000454 -1/1 **Cassini B-Roll & Animation Reel for Saturn Orbit Insertion**
June 30, 2004, saw the Cassini spacecraft conduct a orbit insertion around Saturn and its moons. The burn begins a 4-year encounter with Saturn and end of the year release of the Huygens probe into Saturn's moon Titan.
Audience: News Resource
Client: NASA/JPL/Martinez
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/25/2004 - 0:27:07 Producer: Savona/Semerano

SRC-000456 -1/1 **Saturn Magnetic Field Animation**
Animation showing Saturn's magnetic field, plasma torus, Titan neutral torus, solar wind and cutaway of Saturn.
Audience: Resource Site: JPL
Client: Michelle Burton
Master: DVCPro50
Audio 1: Silent 2: Silent
06/26/2004 - 0:00:59 Producer: Semerano

Productions and Video Files

AVC-030-1971V1E	**"MARS AND THE MIND OF MAN"** Bill Cassell PART 1 11/12/71 - 55 min. - P.D. Neuhauser
AVC-030-1971V2E	**"MARS AND THE MIND OF MAN" - Bill Cassell** PART 2 11/12/71 - 25 min. - P.D. Neuhauser
AVC-023-1972V5	**"MARINER 9 PICTURES OF MARS"** Dr. B. Murray 1972 - 60 min.Gordon Wenger
AVC-027-1972V1D2	**"MARINER 9 NEWS BRIEFING"** PART 1 6/14/72 - 60 min. - Brad Houser
AVC-027-1972V2D2	**"MARINER 9 NEWS BRIEFING"** PART 2 6/14/72 - 60 min. - Brad Houser
AVC-027-1972V3D2	**"MARINER 9 NEWS BRIEFING"** PART 3 6/14/72 - 25 min. - Brad Houser
AVC-033-1972V1	**"MARINER EXPLORES MARS"** Robert H. Steinbacher - P. Neuhauser
AVC-002-1974V1	**"MARINER 10 NEWS BRIEFING"** 2/4/74 - 30 min. - G. Giberson
AVC-003-1974V1	**"MARINER 10 VENUS QUICK LOOK SCIENCE"** CONFERENCE-PART 1 2/5/74 - 60 min. - G. Giberson
AVC-003-1974V2	**"MARINER 10 VENUS QUICK LOOK SCIENCE"** CONFERENCE-PART 2 2/7/74 - 35 min. - G. Giberson
AVC-005-1974V1	**"PRE-MERCURY PRESS BRIEFING"** PART 1

3/27/74 - 60 min. - G. Giberson

AVC-005-1974V2 **"PRE-MERCURY PRESS BRIEFING"**
PART 2
3/27/74 - 60 min. - G. Giberson

AVC-006-1974V1 **"MVM '73 PRESS CONFERENCE"**
NOTE: This tape has all of the 3/29/74 press conference 18 min, and Part 1 of the 3/31/74 Science Briefing.
3/29/74 - 18 min. - G. Giberson
3/31/74 - 42 min. - G. Giberson

AVC-006-1974V2 **"MVM '73 PRESS CONFERENCE, SCIENCE BRIEFING"**
PART 2
3/31/74 - 60 min. - G. Giberson

AVC-006-1974V3 **"MVM '73 PRESS CONFERENCE, SCIENCE BRIEFING"**
PART 3
3/31/74 - 18 min. - G. Giberson

AVC-011-1974V1 **"THE FLIGHT OF MARINER 10"**
10/25/74 - 10 min. - Frank Colella

AVC-015-1975V1 **"VIKING A LAUNCH"**
8/20/75 - 60 min.

AVC-017-1975V1 **"VIKING B LAUNCH"**
9/8/75 - 60 min.

AVC-018-1976V1 **"VIKING MARS ORBIT INSERTION"**
6/19/76 - 7 hours - F. Colella

AVC-018-1976V2 **"VIKING MARS ORBIT INSERTION"**
6/19/76 - 60 min.F. Colella

AVC-019-1976V1 **"VIKING PRESS CONFERENCE"**
Announcement of Not Landing on Mars
July 4, with Martin and Masursky
6/27/76 - 40 min.

AVC-023-1976V1 **"VIKING PRESS CONFERENCE"**
With Dr. Fletcher, J. Martin, Young Masursky
7/1/76 - 35 min.

AVC-029-1976V1 **"VIKING PRESS CONFERENCE"**
With J. Martin

7/7/76 - 45 min.

AVC-032-1976V1 **"VIKING PRESS CONFERENCE"**
With T. Young, G. Lee, W. Baum, B. Farmer
7/12/76 - 40 min.

AVC-038-1976V2 **"VIKING LANDING COMMENTARY"**
2 OF 6
7/20/76 - 60 min.

AVC-038-1976V3 **"VIKING LANDING COMMENTARY (FIRST PIX)"**
3 OF 6
7/20/76 - 60 min.

AVC-038-1976V4 **"VIKING LANDING COMMENTARY"**
4 OF 6
7/20/76 - 60 min.

AVC-038-1976V5 **"VIKING LANDING COMMENTARY"**
5 OF 6
7/20/76 - 60 min.

AVC-038-1976V6 **"VIKING LANDING COMMENTARY"**
6 OF 6
7/20/76 - 15 min.

AVC-039-1976V1 **"VIKING NEWS BRIEFING"**
With T. Young, A. Nier, A. Sieff, M. McElory
10:30 pm PART 1 OF 2
7/20/76 - 60 min.

AVC-040-1976V2 **"VIKING NEWS CONFERENCE"**
T. Young, A. Nier, A. Sieff, M. McElroy
10:30 pm PART 2 of 2
7/20/76 - 50 min.

AVC-042-1976V1 **"VIKING BLUE ROOM MISSION COMMENTARY"**
First Color Picture
1 OF 2
7/21/76 - 60 min.

AVC-042-1976V2 **"VIKING BLUE ROOM MISSION COMMENTARY"**
10/27/85 - 6:00 min.
2 OF 2
7/21/76 - 40 min.

AVC-050-1976V1 **"VIKING BULE ROOM MISSION COMMENTARY"**
Pin Pictures
7/25/76 - 28 min.

AVC-051-1976V1 **"VIKING PRESS CONFERENCE"**
With J. Martin
10:30 pm
7/25/76 - 28 min.

AVC-054-1976V1 **"VIKING PRESS CONFERENCE"**
With G. Soffen, C. Sagan, T. Owen, M. McElroy,
S. Orgel
10:00 am 1 OF 2
7/28/76 - 60 min.

AVC-054-1976V2 **"VIKING PRESS CONFERENCE"**
10:00 am - 2 OF 2
7/28/76 - 15 min.

AVC-058-1976V1 **"VIKING PRESS CONFERENCE"**
With T. Young, H. Klein, S. Hess
1:30 pm
8/1/76 - 35 min.

AVC-060-1976V1 **"VIKING PRESS CONFERENCE"**
With T. Young, H. Klein, N. Horowitz
1:30 pm
8/3/76 - 35 min.

AVC-082-1976V1 **"VIKING PRESS CONFERENCE"**
9:30 am - Blue Room Com.
9/3/76 - 45 min.

AVC-083-1976V1 **"VIKING 2 LANDING"**
1 OF 4
9/3/76 - 60 min.

AVC-083-1976V2 **"VIKING 2 LANDING"**
2 OF 4
9/3/76 - 60 min.

AVC-083-1976V3 **"VIKING 2 LANDING"**
3 OF 4
9/3/76 - 60 min.

AVC-083-1976V4 **"VIKING 2 LANDING"**

4 OF 4
9/3/76 - 60 min.

AVC-084-1976V1 **"VIKING 2 POST LANDING NEWS CONFERENCE"**
With J. Martin, T. Young, J. Naugle, N. Hinners,
R. Kraemer, S. Hess, D. Hearth 9:30 am
9/3/76 - 45 min.

AVC-086-1976V1 **"VIKING 2 FIRST B&W PICTURE"**
Blue Room Comentary
Part 1 of 2 - 1:00 am
9/4/76 - 60 min.

AVC-086-1976V2 **"VIKING 2 FIRST B&W PICTURE"**
Blue Room Commentary
Part 2 of 2 - 1:00 am
9/4/76 - 30 min.

AVC-087-1976V1 **"VIKING 2 FIRST COLOR PICTURE" (Preamble)**
Blue Room Commentary
Part 1 of 2
9/4/76 - 60 min.

AVC-087-1976V2 **"VIKING 2 FIRST COLOR PICTURE"**
Part 2 of 2
9/4/76 - 30 min.

AVC-089-1976V1 **"VIKING NEWS CONFERENCE"**
With J. Martin, T. Mutch, H. Klein, J. Hubbard,
G. Levin, K. Biemann
9/4/76

AVC-098-6V1 **"VIKING PRESS CONFERENCE"**
With L. Kingsland, H. Klien, V. Oyama, G. Levin
1:30 pm
9/17/76 - 50 min.

AVC-100-1976V1 **"VIKING PRESS CONFERENCE"**
With C. Leovy 1:30 pm
9/17/76 - 15 min.

AVC-023-1977V1 **"MARS MINUS MYTH" (Film to tape transfer)**
7/14/77 - 23 min.

AVC-1977-029-1/2 **Voyager 1 Launch**

Mission commentary audio only from Kennedy Space Center (No launch video). Mission clock and a wood pointer on a timeline diagram showing spacecraft position.
Master: 1" IVC Stored: Archive Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/05/19 - 1:00:00 Producer: Steve Bridges

AVC-1977-029-2/2 **Voyager 1 Launch**
Mission commentary audio only from Kennedy Space Center (No launch video). Mission clock and a wood pointer on a timeline diagram showing spacecraft position
Master: 1" IVC Stored: Archive Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/05/19 - 0:31:09 Producer: Steve Bridges

AVC-006-1979C1 **"VOYAGER, FIRST ROTATION ZOOM MOVIE OF JUPITER"**
From Video Disk
2/7/79 - 15 min. - Steve Bridges

AVC-007-1979C1 **"JUPITER ROTATION MOVIE"**
(holligram)
2/15/79 - 2 min. - Steve Bridges

AVC-008-1979C1 **JUPITER ZOOM MOVIE**
Voyager-IPL Feed
2/16/79 - 8:00 min.

AVC-011-1979C1 **VOYAGER FINAL ROTATION AND ZOOM MOVIE**
IPL feed Blue Movie
(Includes close-up of Red Spot)
February 1979 - 5:00 min.

AVC-016-1979C1 **"VOYAGER I JUPITER ENCOUNTER PRESS BRIEFING"**
9:00am B. Smith, E. Stone, R. Parks,
Part 1 of 3 note: Aired live, KCET
2/28/79 - 60 min.

AVC-016-1979C2 **PART 2 OF 3, PRESS BRIEFING**
2/28/79 - 60 min.

AVC-016-1979C3 **PART 3 OF 3, PRESS BRIEFING**
2/28/79

AVC-017-1979C1 **VOYAGER I PRESS BRIEFING - JUPITER ENCOUNTER**
11:00 AM R. Heacock, E. Stone, L. Soderblom, F. Scarf,
B. Smith
3/11/79 - 60:00 min.

AVC-018-1979C1 **"BLUE ROOM VOYAGER 1 JUPITER COMMENTARY"**
9:00am - Al Hibbs, 10:00 am-Al Hibbs,
Dr. James Warwick, 12:00 - Al Hibbs
4:00pm - Al Hibbs, Gary Hunt
3/1/79 - 32 min.
Al Hibbs, David Morrison
3/2/79 - 30 min.

AVC-024-1979C1 **"JUPITER WATCH" - VOYAGER I BLUE ROOM 180- 100**
COMMENTARY
A.M. Continuation
3/4/79 - Host Gary Hunt

AVC-1979C2 **"JUPITER WATCH" - VOYAGER I BLUE ROOM**
COMMENTARY
CONTINUED - (Start of satellite TV feed)
Host Gary Hunt - 3/4/79

AVC-024-1979C3 **VOYAGER I "JUPITER ENCOUNTER" PRESS BRIEFING**
R. Heacock, B. Smith, L. Soderblom, D. Morrison,
G. Dexter, E. Stone
3/4/79 - 60:00 min.

AVC-024-1979C4 **VOYAGER I "JUPITER ENCOUNTER" PRESS BRIEFING**
CONTINUED 3/4/79

AVC-024-1979C5 **"BLUE ROOM VOYAGER 1 JUPITER COMMENTARY"**
No Guest 2:00 through 6:00pm every 15 min.
3/4/79 - 60 min.

AVC-026-1979C1 **"BLUE ROOM VOYAGER 1 JUPITER COMMENTARY"**
Hibbs, Hunt, Stone
PART 1 of 4
3/5/79 - 60 min.

AVC-026-1979C2 **BLUE ROOM CONT.**
5:00 am - Hibbs, Smith, Collins, Stone, Soderblom
PART 2 of 4
3/5/79 - 60 min.

AVC-026-1979C3 **BLUE ROOM CONT.**

6:00 am - Hunt, Soderblom, Hibbs, Masursky
3/5/79 - 60 min.

AVC-026-1979C4 **BLUE ROOM CONT.**
7:00 am - Hibbs, Soderblom, Lane, Stone, Smith
3/5/79 - 60 min.

AVC-027-1979C1 **"VOYAGER 1 JUPITER ENCOUNTER PRESS BRIEFING"**
8:00 am - Hinners, Murray, Mills, Parks, Stone
3/5/79

AVC-028-1979C1 **VOYAGER I "JUPITER ENCOUNTER" PRESS BRIEFING**
11:00 AM
R. Heacock, B. Smith, L. Soderblom, N. Ness, Bridge,
E. Stone
3/5/79 - 60:00 min.

AVC-029-1979C1 **"BLUE ROOM VOYAGER 1 JUPITER COMMENTARY"**
2:00 pm - Hunt, Soderblom, Morrison
(Ganymede pix real - time)
3/5/79

AVC-030-1979C1 **"BLUE ROOM SCRIPTED BROADCAST"**
VOYAGER 1 JUPITER ENCOUNTER COMMENTARY
PM - Hibbs, Johnson, Stone
Part 1 of 3
3/5/79 - 60 min.

AVC-030-1979C2 **BLUE ROOM SCRIPTED BROADCAST - Cont**.
Hibbs, Collins, Stone, Johnson, Sagan, Hunt, Scarf
Part 2 of 3
3/5/79 - 60 min.

AVC-030-1979C3 **BLUE ROOM SCRIPTED BROADCAST - Cont.**
Hibbs, Masursky, Stone, Johnson
Part 3 of 3
3/5/79

AVC-033-1979C1 **"BLUE ROOM VOYAGER 1 JUPITER COMMENTARY"**
Satellite Feed
Part 1 of 4
3/6/79 - 60 min.

AVC-033-1979C2 Part 2 of 4
Satellite Feed
3/6/79 - 60 min.

AVC-033-1979C3 Part 3 of 4
Satellite Feed
3/6/79 - 60 min.

AVC-033-1979C4 Part 4 of 4
Satellite Feed
3/6/79

AVC-034-1979C1 **VOYAGER I "JUPITER ENCOUNTER" PRESS BRIEFING**
11:00 AM - Parks, Smith, L. Soderblom, Warwick,
Broadfoot, Stone
3/6/79 - Part 1 of 2 - 60:00 min.

AVC-034-1979C2 Part 2 of 2

AVC-035-1979C1 **"BLUE ROOM VOYAGER 1 JUPITER COMMENTARY"**
3/6/79

AVC-038-1979C1 **VOYAGER I "JUPITER ENCOUNTER" PRESS BRIEFING**
11:00 AM
B. Smith, E. Danielson, T. Owen, L. Soderblom
V. Eshleman, E. Stone
3/7/79 - 60:00 min.

AVC-039-1979C1 **"BLUE ROOM VOYAGER 1 JUPITER COMMENTARY"**
2:00 pm - Hibbs, T. Owen, E. Danielson,
Explanation of Jupiters "rings" also, match up of star prediction star tracks actually seen in picture
3/7/79 - 32 min.

AVC-042-1979C1 **VOYAGER I "JUPITER ENCOUNTER" PRESS BRIEFING**
10:00 AM
Parks, Soderblom, Ingersoll, Eshleman, Hanel, Acuna, Broadfoot, Scarf, Bridge, Warwick, Ness, Krimigis, Vogt
3/8/79
Part 1 of 4 - 60:00 min.

AVC-042-1979C2 Part 2 of 4 - 60:00 min.

AVC-042-1979C4 Part 4 of 4 - 60:00 min.

AVC-043-1979C1 **"BLUE ROOM VOYAGER 1 JUPITER COMMENTARY"**
2:00 pm - Last one Al Hibbs/voice of Voyager
Final picture (ash tray)
3/8/79 - 5 min.

AVC-050-1979C1M **"VOYAGER MISSION HIGHLIGHTS"**
Excerpts
3/29/79 - 60 min.

AVC-059-1979C1 **"VOYAGER 1 JUPITER ROTATION"**
(CFI 2" QUAD TAPE)
2/14/79 - :45 sec.

AVC-067-1979C1 **"VOYAGER 2 JUPITER MISSION REPORTS"**
8:00 - 8:05am - Al Hibbs
9:00 - 9:11am - Al Hibbs/Jim Sullivan
9:50 - 10:42am - Al Hibbs/Lonnie Lane
7/5/79 - 44:43 min.

AVC-068-1979C1 **"VOYAGER 2 JUPITER MISSION REPORTS"**
12:00 noon - 12:06 - Al Hibbs
2:00pm - Al Hibbs
4:00pm - Al Hibbs
7/5/79 - 17 min.

AVC-069-1979C1 **"VOYAGER 2 JUPITER MISSION REPORTS"**
8:00 - 8:04am - Al Hibbs
8:50 - 8:56am - Al Hibbs
7/6/79

AVC-071-1979C1 **VOYAGER II PRESS BRIEFING**
9:00 am - R. Heacock, B. Smith, E. Stone
7/6/79 - Part 1 - 60:00 min.

AVC-071-1979C2 **Question and Answer Session**
Part 2 - 60:00 min.

AVC-072-1979C1 **"VOYAGER 2 MISSION REPORT"**
First two reports with Al Hibbs
11:55am - 1:30pm
Last three reports with Garry Hunt
3:50pm - guest Lonnie Lane
4:15pm, 5:15pm

AVC-073-1979C1 **"VOYAGER 2 JUPITER MISSION REPORTS"**
8:00am - Al Hibbs - 9:00am - Al Hibbs/Scarf
9:55am - Hibbs/David Morrison
7/7/79

AVC-074-1979C1 **"VOYAGER 2 NEWS BRIEFING"**

11:00am - E. Davis, L. Soderblom, E. Stone
7/7/79 - 40 min.

AVC-075-1979C1 **"VOYAGER 2 JUPITER MISSION REPORTS"**
11:55am - Hibbs/Soderblom (first 9 min. recorded in insert edit (bad))
3:00pm - Hibbs/M. Divirian
5:00pm - Hibbs/M. Diviran
6:30pm - ABC 7, News from JPL w/Hunt
6:50pm - Garry Hunt

AVC-076-1979C1 **"VOYAGER 2 NEWS BRIEFING"**
11:00 - Heacock, Smith, Ingersoll, Hunt, Gloeckler, Stone
(Synch problems in beginning of tape)
7/8/79 - 38 min.

AVC-077-1979C1 **"VOYAGER 2 JUPITER MISSION REPORT"**
12:00 noon - Hunt/Tobias Owen
1:15, 1:45pm - Hunt, Allan Cook (lighting on dark side)
3:27 - 4:00pm - Hunt/Terryl
7/8/79

AVC-078-1979C1 **"VOYAGER 2 JUPITER MISSION REPORTS"**
Broadcast to Caltech - (beg late)
25 hours before closesst approach to Gaymede
9:00pm - Hibbs/Torrance Johnson/David Morrison/Hunt
Part 1 of 2 - 7/8/79 - 60 min.

AVC-078-1979C2 **Continued Broadcast to Caltech** HIBBS/HUNT/MORRISON
Real time pix of Ganymede
Garry Hunt with short NBC feed toward end of tape
Part 2 of 2 - 7/8/79 - 45 min.

AVC-080-1979C1 **"VOYAGER 2 IPL FEED" - BLUE VERSION/ZOOM**
10/29/79 - 4:20 min.

AVC-080-1979C3 **"VOYAGER 2 COMPUTER ANIMATION FILM** NARRATED BY AL HIBBS"
1979 - 2:51 min.

AVC-081-1979C1 **"VOYAGER 2 JUPITER SATELLITE FEED"**
8:00am - Al Hibbs/Larry Soderblom/Brad Smith
Part 1 of 4
7/9/79 - 60 min.

AVC-081-1979C2 **SATELLITE FEED CONT.**

9:00am - Al Hibbs/Gary Hunt/Al Masursky, Ed Stone
Part 2 of 4
7/9/79 - 60 min.

AVC-081-1979C3 **SATELLITE FEED CONT.**
10:00am
Part 3 of 4
7/9/79 - 60 min.

AVC-081-1979C4 **SATELLTE FEED CONT.**
11:00am (LAST HALF OF TAPE LOST DURING BROADCAST) 7/9/79 - 32 min.

AVC-082-1979C1 **VOYAGER II PRESS BRIEFING**
R. Heacock, L. Soderblom, E. Stone
7/9/79 - 12:15 pm

AVC-084-1979C1 **VOYAGER II PRESS BRIEFING**
T. Mutch, R. Parks, R. Mills
7/9/79 - 4:30 pm - 34:30 min.

AVC-085-1979C1 **"VOYAGER 2 MISSION REPORTS"**
First segment Io Volcano watch - 5 min.
Hibbs w/Robert Strom - 5:45pm - second segment Io watch
14 min. 7/9/79 - 19 min.

AVC-086-1979C1 **"VOYAGER 2 JUPITER MISSION REPORTS"**
8:00 am - Al Hibbs
9:00 am - Al Hibbs
9:30 am - Al Hibbs - Io Volcano watch
10:15 am - Al Hibbs
12:50 pm - Al Hibbs
2:30 pm - Al Hibbs (no audio)
3:30 pm - Al Hibbs/Rudolf Hanel
7/10/79 - 60 min.

AVC-087-1979C1 **VOYAGER II PRESS BRIEFING**
7/10/79 - 11:00 am
E. Davis, B. Smith, A. Ingersoll, K. Krimigis,
J. Sullivan, A.L. Broadfoot, E. Stone
Part 1 of 2 - 60:00 min.

AVC-087-1979C2 **Question and Answer**
Part 2 of 2 - 38:00 min.

AVC-088-1979C1 **"VOYAGER 2 JUPITER MISSION REPORT"**

8:00 am - Al Hibbs (rings pix and Ganymede)
9:00 am - Al Hibbs recap for press
read article about skylab falling on people
7/11/79 - 15 min.
4:30pm - Continued Al Hibbs with Hal Masursky from day before 7/10/79
2:00pm - Hibbs - recap of rings infor Hibbs plays audio trick on TV Crew 7/11/79 - 34:39 min.

AVC-089-1979C1 **VOYAGER II JUPITER ENCOUNTER PRESS BRIEFING**
7/11/79 - 12:00 pm
(Wrap-up Science Report for Press)
(Jupiter Ring Presentation)
Part 1 of 2 - 60:00 min.

AVC-089-1979C2 **VOYAGER II JUPITER ENCOUNTER PRESS BRIEFING**
Part 2 of 2 - 42:00 min.
12:00 pm Update - Al Hibbs with Lonne Lane - 10:00 min.

AVC-090-1979C1 **"VOYAGER 2 JUPITER MISSION REPORT"**
3:50 pm Al Hibbs w/von Eshleman - 12 min. 7/11/79
8:00 am Al Hibbs (no audio) - 2 min. 7/12/79
9:00 am Al Hibbs - 2 min.
12:00 noon Al Hibbs w/Garry Hunt - 17 min

AVC-092-1979C1 **"LAST KCET JUPITER WATCH 2" w/Clete Roberts**
Al Hibbs, Ed Stone, and Garry Hunt (wrap-up)
JPL credits at end (Jupiter rings at 21 min.)
7/12/79 - 30 min.

1980

AVC-001-1980C1	**"THE VOYAGER MISSION"** Ed Stone 1/5/80
AVC-003-1980C1	**"JPL TODAY"** (2nd Dry Run) Al Hibbs with guest John Beckman 1/31/80 - 14:37 min.
AVC-005-1980C1	**"PROFILES IN BLACK"** **Part 1** James King with guest Willis Meeks - 12:55 min.
AVC -005-1980C2	**"PROFILES IN BLACK"** **Part 2** James King with guest Pat South - 8:16 min.
AVC -005-1980C3	**"PROFILES IN BLACK"** **Part 3** James King with guest Dr. Jackie Jacobs - 10:02 min.
AVC -005-1980C4	**"PROFILES IN BLACK"** **Part 4** James King with guest Sanford Jones - 10:00 min.
AVC -005-1980C5	**"PROFILES IN BLACK"** **Part 5** James King with guest James Allen - 9:20 min. 2/19/80
AVC-006-1980C1	**"JPL TODAY"** Al Hibbs with guest Gregor Edwards and Pre-taped Congressman Faqua. 2/20/80 - 17 min. - Bristow
AVC-007-1980C1	**"VIKING MISSION SUMMARY"** Conway Snider 2/22/80 - 38 min.
AVC-009-1980C1	**"JPL TODAY"** Al Hibbs with guest Dr. James Westphal 3/6/80 - 15 min.
AVC-010-1980C1	**"MARS IN 3D"** Film-to-tape transfer 3/10/80 - 23 min.
AVC-012-1980C1	**VOYAGER I SATURN PICTURES**

Recorded and edited live.
3/20/80 - 12:00-2:00 - 16:30 min.

AVC-034-1980C1 **Viking Press Conference**
10:30am - Kermit Watkins, Dr. Conway Snyder,
Dr. James Tillman
Part 1 of 3 - 8/4/80 - 49 min.

AVC -034-1980C2 **Harold Masursky, Q & A**
Watkins, Snyder, Tillman, Masursky, Dr. Michael Carr,
John Beckman
Part 2 of 3 - 8/4/80 - 62 min.

AVC -034-1980C3 **Q & A**
Part 3 of 3 - 8/4/80 - 8 min.

AVC-036-1980C1 **VOYAGER SATURN SCIENCE BRIEFING**
"Overview & Observatory Load A501"
Ellis Miner
8/18/80 - 52 min.

AVC-037-1980C1 **VOYAGER SATURN SCIENCE BRIEFING**
"Observatory Load A502"
Jude Diner
8/27/80 - 20 min.

AVC-053-1980C1 **"VOYAGER I SATURN REPORT"**
With Al Hibbs
00:32 - 8:00 am
06:15 - 9:45 am
17:52 - 12:15 noon
36:27 - 1:30 pm
11/6/80 - 50 min.

AVC-048-1980C1 **VOYAGER SATURN SCIENCE BRIEFING**
"FAR ENCOUNTER - 1" Jude Diner
10/17/80 - 13 min.

AVC-048-1980C2 **VOYAGER SATURN SCIENCE BRIEFING**
"FAR Unknown ENCOUNTER - 2"
Jude Diner
10/17/80 - 22 min.

AVC-050-1980C1 **"VOYAGER SATURN SCIENCE BRIEFING - FAR ENCOUNTER - 2**
LOAD A525"

Ellis Miner
10/29/80 - 33 min.

AVC-051-1980C1 **"VOYAGER SATURN SCIENCE BRIEFING NEAR ENCOUNTER,**
LOAD A551,A552"
Ellis Miner
10/29/80 - 49 min.

AVC-052-1980C1 **"VOYAGER SATURN SCIENCE BRIEFING POST ENCOUNTER,**
LOAD A571,A572"
Ellis Miner
11/4/80 - 31 min.

AVC-053-1980C1 **"VOYAGER I SATURN REPORT"**
With Al Hibbs
00:32 - 8:00 am
06:15 - 9:45 am
17:52 - 12:15 noon
36:27 - 1:30 pm
11/6/80 - 50 min.

AVC-054-1980C1 **"VOYAGER I SATURN NEWS BRIEFING"**
10:30 AM
Heacock - Voyager Project Mgr. - Mission Overview
E. Stone - Voyager Project Scientist - Science Overview
B. Smith - Imaging Team Leader - Imaging Results
Part 1 of 2 11/6/80 60 min.

AVC-054-1980C2 **"VOYAGER I SATURN NEWS BRIEFING"**
Part 2 of 2 11/6/80 34 min.

AVC-055-1980C1 **"VOYAGER I SATURN REPORT"**
With Al Hibbs
00:24 - 2:45 pm, guest Jim Pollack
20:46 - 4:23 pm, guest Dr. Rich Terrile
11/6/80 35 min.

AVC-056-1980C1 **"VOYAGER I SATURN REPORT"**
With Al Hibbs
00:35 - 7:55 am
05:20 - 9:04 am
11:30 - 10:10 am, guest Garry Hunt
22:27 - 12:00 noon, guest Ed Stone
31:30 - 1:30 pm, guest Norm Ness

11/7/80 45 min.

AVC-057-1980C1 **"VOYAGER I SATURN ENCOUNTER NEWS BRIEFING"**
10:30 AM
E. Davis - Voyager Deputy Project Mgr. - Spacecraft Report.
E. Stone - Voyager Project Scientist - Ring Physics
B. Smith - Imaging Team Leader - Imaging Results
Part 1 of 2 11/7/80 60 min.

AVC -057-1980C2 Part 2 of 2
11/7/80 8 min.

AVC-058-1980C1 **"VOYAGER I SATURN REPORT"**
With Al Hibbs
00:21 - 3:00 pm, guest Garry Hunt 11/7/80
13:10 - 8:00 am, guest Dr. Lyle Broadfoot
16:40 - 9:00 am, guest Peter Doms
11/8/80 - 50 min.

AVC-059-1980C1 **"VOYAGER I SATURN ENCOUNTER NEWS BRIEFING"**
10:30 AM
R. Heacock - Voyager Project Mgr. - Spacecraft
B. Smith - Imaging Team Leader - Rings
E. Stone - Voyager Project Scientist - Titan
11/8/80 - 56 min.

AVC-060-1980C1 **"VOYAGER I SATURN REPORTS"**
With Al Hibbs
00:26 - 12:00 noon, guest Brad Smith
15:20 - 1:30 pm, guest Hal Masursky
25:45 - 2:30 pm, guest Andy Ingersoll
41:40 - 5:00 pm
11/8/80 - 43:00 min.

AVC-061-1980C1 **"VOYAGER I SATURN REPORTS"**
With Al Hibbs
00:25 - 7:50 am
02:46 - 9:00 am, guest Garry Hunt
16:55 - 10:00 am, guest Fred Scarf
29:06 - 12:00 noon, guest Allan Cook
39:40 - 1:30 pm, guest David Morrison
11/9/80 - 55 min.

AVC-062-1980C1 **"VOYAGER I SATURN ENCOUNTER NEWS BRIEFING"**
10:30 AM
E. Davis - Voyager Deputy Project Manager - Spacecraft Status

B. Smith - Imaging Team Leader - Imaging
J. Sullivan - Plasma Science - Bow Shck Predictions
E. Stone - Voyager Project Scientist - Upcoming Events
11/9/80 - 60 min.

AVC-063-1980C1 **"VOYAGER I SATURN REPORT"**
With Al Hibbs
00:40 - 3:30 pm - 11/9/80
03:01 - 7:50 am - 11/10/80
07:40 - 9:10, guest Torrence Johnson
23:03 - 9:50 am, guest, Garry Hunt
34:38 - 12:00 noon, guest Jeff Cuzzi
11/10/80 - 57 min.

AVC-064-1980C1 **"VOYAGER I SATURN ENCOUNTER NEWS BRIEFING"**
10:30 AM
R. Heacock - Voyager Project Manager - Spacecraft Status
E. Stone - Voyager Project Scientist - Upcoming Events
B. Sandel - Ultraviolet Spectroscopy Saturn Tours
B. Smith - Imaging Team Leader - Imaging
Part 1 of 2 - 11/10/80 - 60 min.

AVC -064-1980C2 Part 2 of 2 - 11/10/80 - 11:46 min.

AVC-065-1980C1 **"VOYAGER I SATURN REPORTS"**
00:26 - 1:40 pm, guest Larry Soderblom
17:26 - 2:30 pm
21:37 - 3:30 pm, guest Linda Morabito
11/10/80 - 33:40 min.

AVC-066-1980C1 **"SATURN AND THE MIND OF MAN SYMPOSIUM"**
BECKMAN AUDITORIUM, CALTECH - 4:30 - 6:30 PM
Walter Sullivan, Phillip Morrisson, Carl Sagan,
Ray Bradbury, Bruce Murray
Part 1 of 2 - 11/9/80 - 60 min.

AVC -066-1980C2 Part 2 of 2 - 11/9/80 - 60 min.

AVC-067-1980C1 **"VOYAGER I SATURN REPORT"**
With Al Hibbs
00:27 - 8:00 am
04:31 - 9:00 am
09:31 - 2:38 pm
14:13 - 4:30 pm, guest David Morrison
22:46 - 5:10 pm, (Bow Shock Crossing, short announcement)

AVC-067-1980C1	23:55 - 7:30 pm, guest, Richard Terrile (Titan) 34:43 - 7:55 pm, guest, Reta Beebe 43:18 - 8:25 pm, guest, Jim Mitchel 11/11/80 - 51 min.
AVC-068-1980C1	**"VOYAGER I SATURN WATCH, KCET"** 11/12/80 - 8 MIN.
AVC-069-1980C1	**"VOYAGER I SATURN ENCOUNTER NEWS BRIEFING"** 9:30 AM E. Davis - Deputy Project Manager - Spacecraft Status E. Stone - Voyager Project Scientist - Saturn Clouds Uranus Rings B. Smith - Imaging Team Leader - Zoom Film, Rings Titan Hood L. Soderblom - Imaging Science - Satellites 11/11/80 - 61:00 min.
AVC-070-1980C1	**"VOYAGER I SATURN SATELLITE FEED"** 11:00 am A. Hibbs, G. Hunt, H. Masursky, B. Smith Part 1 of 2 - 11/11/80 - 60 min.
AVC -070-1980C2	J. Cuzzi, E. Stone, L. Soderblom Part 2 of 2 - 11/11/80 - 60 min.
AVC-071-1980C1	**"SATURN WATCHES" - KCET 28** 11/80
AVC-072-1980C1	**"VOYAGER I SATURN REPORT"** With Al Hibbs 01:01 - 9:00 pm, guest Verner Sudmi 13:15 - 9:20 pm, guest von Eshleman 25:00 - 9:35 pm, guest, Andre Brahic 11/11/80 - 41 min.
AVC-073-1980C1	**"VOYAGER I SATURN REPORTS"** With Al Hibbs 00:26 - 7:50 am 05:17 - 9:00 am 12:20 - 12:30 noon, guest Torrence Johnson 11/12/80 - 31:52 min.
AVC-074-1980C1	**"VOYAGER I SATURN ENCOUNTER NEWS BRIEFING"** R. Heacock - Voyager Project Manager - Spacecraft

N. Ness - Principle Investigator Magnetic Field - Bow Shock & Magnetopause Crossing

AVC-074-1980C1 **Preliminary Titan Results**
E. Stone - Voyager Project Scientist -
B. Smith - Imaging Science - Satellites
Part 1 of 2 - 11/12/80 - 60 min.

AVC-074-1980C2 Part 2 of 2 - 11/12/80 - 16 min.

AVC-075-1980C1 **VOYAGER I SATURN SATELLITE FEED** - 2:00 pm
A. Hibbs, H. Masursky, G. Hunt, J. Warwick
Part 1 of 3 11/12/80 60 min.

AVC -075-1980C2 Part 2 of 3 11/12/80 60 min.
N. Ness, J. Cuzzi, B. Smith

AVC -075-1980C3 Part 3 of 3 11/12/80 60 min.
B. Smith, F. Scarf, L. Soderblom, E. Stone

AVC-076-1980C1 **VOYAGER I SATURN NEWS BRIEFING** - 5:40 pm
11/12/80

AVC-077-1980C1 **VOYAGER I SATURN REPORTS WITH AL HIBBS**
(picture of ring w/white spokes)
00:35 - 8:00 am
07:22 - 9:00 am
17:50 - 1:30 pm, guest von Eshleman
32:30 - 2:30 pm, Hibbs rolls & raws
42:47 - 4:00 pm, guest Toby Owen
11/13/80 57:04 min.

AVC-078-1980C1 **"VOYAGER I SATURN ENCOUNTER NEWS BRIEFING"** 9:30 am
E. Davis - Deputy Voyager Project Mgr. - Spacecraft
V. Eshleman - Radio Science Team - Titan's Atmosphere
R. Hanel - Infrared Radiometry & Spectroscopy - Titan Atmosphere
E. Stone - Voyager Project Scientist - Ultraviolet Results
B. Smith - Imaging Team Leader - Imaging
L. Soderblom - Imaging Science - Satellites
Part 1 of 2 11/13/80 60 min.

AVC -078-1980C2 Part 2 of 2 11/13/80 20 min.

AVC-079-1980V1 **"VOYAGER I SATURN ENCOUNTER SATELLITE FEED"** 11:00 am

Al Hibbs, B. Smith, T. Johnson, A. Ingersoll, L. Soderblom, E. Stone.
11/13/80 60 min.

AVC-080-1980C1 **"VOYAGER I SATURN REPORTS"**
With Al Hibbs
01:14 - 4:45 pm announced completion of maneuver.
11-13-1980
03:33 - 8:00 am
06:19 - 9:00 am, guest Torrence Johnson
13:14 - 9:30 am
37:55 - 10:00 am guest, Norm Ness
11/14/80 46 min.

AVC-081-1980C1 **"VOYAGER I SATURN ENCOUNTER NEWS BRIEFING"** 10:30 am
R. Laeser - Voyager Project Mission Director Spacecraft & Operations
L. Broadfoot - Ultraviolet Spectroscopy - Titans upper Atmospheric Chemistry
D. Strobel - Ultraviolet Spectroscopy - Titan's Atmospheric Chemistry
B. Smith - Imaging Team - Rings & Titan
E. Stone - Voyager Project Scientist - Titan Magnetopheric

AVC -081-1980C1 **E. Shoemaker - Imaging Science - Satellites**
Part 1 of 2 60 min. 11-14-1980

AVC -081-1980C2 Part 2 of 2 30 min. 11-14-1980

AVC-082-1980C1 **"VOYAGER I SATURN REPORTS"**
With Al Hibbs
00:24 - 12:00 noon - Titan atmosphere layers & description from Al. News Briefing Results & Summary
13:24 - 1:30 pm - guest Eugene Shoemaker - on satellites and their characteristics (Ring movie, pix coming in)
34:52 - 3:00 pm - guest Garry Hunt
45:31 - 4:30 pm - guest Rudolf Hanel
11/14/80 - 58 min.

AVC-083-1980C1 **FILM "VOYAGER/URANUS" & "VOYAGER 2 FUTURE ENCOUNTERS"**
FILMS 11/80

AVC-084-1980C1 **"VOYAGER I SATURN REPORTS"**
With Al Hibbs
00:20 - 8:00 am
02:57 - 9:00 am
06:41 - 11:30 am
19:26 - 2:00 pm, guest Garry Hunt
38:51 - 3:30 pm, guest Mike Kaiser
05 - 4:30 pm
11/15/80 55:32 min.

AVC-085-1980C1 **"VOYAGER I SATURN ENCOUNTER NEWS BRIEFING"** 9:30 am

R. Heacock - Voyager Project Manager - Spacecraft
B. Smith - Imaging Science - Rings & Satellites
H. Bridge - Plasma Science - Titan Wake
N. Ness - Magnetic Fields - Titan Wake
D. Gurnett - Plasma Wave - Titan Radio Emissions S.M. Krimigis - Low Energy Charged Particles - Magnetosphere M. Kaiser - Co. Investigator, Planetary Radio Astronomy Team - Saturn Radio Sources B. Sandel - Ultraviolet Spectroscopy - Saturn Aurora G. Len Tyler

AVC -085-1980C1 **Radio Science - C-Ring & Titan**
Part 1 of 3 60 min.

AVC -085-1980C2 PART 2 OF 3 60 min.

AVC -085-1980C3 PART 3 of 3 14 min.

AVC-086-1980C1 **"VOYAGER I SATURN ENCOUNTER NEWS BRIEFING"**
E.K. Davis - Deputy Project Mgr.
Spacecraft Status & Mission Operations
G.Hunt - Imaging Science Team - Saturn Atmosphere
J. Cuzzi - Imaging Science Team - Saturn Rings
G. Gloeckler - Low Energy Charged Particles Exp. Team - Magnetospheric Composition
E. Stone - Voyager Project Scientist - Upcoming Science Activities

AVC -086-1980C1 Part 1 of 2 11-16-1980 60 min.

AVC -086-1980C2 Part 2 of 2 11-16-0 16 min.

AVC-087-1980C1 **"VOYAGER I SATURN REPORTS"**
With Al Hibbs
8:45 am
10:00 am

12:00 noon
2:00 pm, guest Rich Terrile
4:00 pm, guest Andy Collins

AVC-088-1980C1 **"VOYAGER I SATURN ENCOUNTERS NEWS BRIEFING"**
R. Heacock - Voyager Project Mgr.
F. Scarf - Plasma Waves
Emissions
B. Smith - Imaging Team Leader - Satellites
A. Ingersoll - Imaging Science - Atmospheric Dynamics
R. Hanel - Infrared Radiometry & Spectroscopy - Atmospheric Composition
T. Owen - Imaging Science - Titan
L. Soderblom - Imaging Science Satellite Surfaces
R. Terrile - Imaging Science - Rings
E. Stone - Voyager Project Scientist - Summary

AVC -088-1980C1 Part 1 of 3 11-17-1980 60 min.

AVC -088-1980C2 Part 2 of 3
11/17/80 60 min.

AVC -088-1980C3 Part 3 of 3
11/17/80 55 min.

AVC-089-1980C1 **"VOYAGER I SATURN REPORTS"**
With Al Hibbs
Last Report - Victor J. Frizbee

AVC-092-1980C1 **A-1 "TOUR TAPE" AL HIBBS EXPLAINS GETTING A SIGNAL FROM Reused VOYAGER TO JPL.**
11/80 13:55 min.

AVC-093-1980C1 **A-2 "MISSION SUMMARY TO DATE"**
11/80 3:33 min.

AVC-095-1980C1 **A-4 "SATURN ROTATION MOVIE"**
11/80 1:27 min.

AVC-096-1980C1 **A-5B "VOYAGER I SATURN ENCOUNTER FILM"** - 1980
11/80 6:03 min.

AVC-097-1980C1	**A-6 "SATURN RINGS"** With Al Hibbs 11/80 8:35 min.
AVC-098-1980C1	**A-7 "HIBBS/STONE" -** 12:25 A-8 2HIBBS/STONE" - 8:52 11/80
AVC-099-1980C1	**A-10 "SATELLITE FEED GENERIC OPENING"** 11/30 :52 sec.
AVC-101-1980C1	**A-11 - "SATELLITE FEED CROSSING2** 11/80 1:38 min.
AVC-102-1980C1	A-11B
AVC-103-1980C1	**A-13 "RING ROTATION FILM"** 11/80 1:15 min.
AVC-104-1980C1	**A-14 "SATURN ROTATION & ZOOM FILM"** 11/80
AVC-106-1980C1	**"SATURNS MAGNETIC FIELD MOVIE"** 11/80
AVC-107-1980C1	**"VOYAGER I SATURN RESULTS FOR THE DSN**, with Ellis Miner" 60 min. 12/12/80
AVC-109-1980C1	**"VOYAGER I SATURN"** SPOKE ROTATION FILM
AVC-006-1981C1	**VS-8 VOYAGER I DEPART SATURN** (PIO Film clip) November 1980 - 1 min.
AVC-011-1981C1	**"VOYAGER I ENCOUNTER WITH SATURN"** (Summary of Events) Dr. Ed Stone Part 1 of 2 3/4/81 - 60 min.
AVC -011-1981C2	Part 2 of 2 3/4/81 - 7 min.
AVC-034-1981C1	**JPL, SHORT PIO INFORMATION TAPES** #1 - VOYAGER MISSION CONTROL CENTER - 1981
AVC -034-1981C2	#2 - SPACE FLIGHT OPERATIONS FACILITY - 1981

AVC -034-1981C3	#3 - GENERAL LABORATORY SCENES - 1981
AVC -034-1981C4	#4 - VOYAGER SPACECRAFT - 1981
AVC -034-1981C5	#5 - JPL SPACE MUSEUM - 1981
AVC -034-1981C6	#6 - DEEP SPACE TRACKING STATION - 1981
AVC -034-1981C7	#7 - ROBOTICS AT JPL - 1981
AVC-034-1981C8	#8 - BIOMEDICAL RESEARCH FOR SPACE - 1981
AVC -034-1981C9	#9 - SPACE TELESCOPE - 1981
AVC -034-1981C10	#10 - SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE - S.E.T.I.
AVC -034-1981C11	#11 - SPACE PICTURES TO EARTH - 1981
AVC -034-1981C12	#12 - 3 YEAR IN 3 MINUTES - 1981
AVC-040-1981C1	**VOYAGER SCIENCE BRIEFING** "Encounter Overview and Observatory Phase" 6/29/81 - 25 min.
AVC-041-1981C1	**VOYAGER SATURN EXPLANATION** - Ed Stone 6/30/81 - 13:12 min.
AVC -049-1981C2	Part 2 of 2 - 11:00 min.
AVC-050-1981C1	**VOYAGER 2 SATURN ENCOUNTER NEWS BRIEFING** - 9:30 am R. Laeser, E. Stone, F. Scarf, B. Smith Part 1 of 2 8/22/81 - 60 min.
AVC-050-1981C2	Part 2 of 2 8/22/81 - 11 min.
AVC-051-1981C1	**VOYAGER 2 SATURN SPOKE MOVIE #1** 8/81 - 4:30 min.
AVC-052-1981C1	**VOYAGER 2 SATURN ENCOUNTER NEWS BRIEFING** - 10:30 am E. Davies, E. Stone, B. Smith Part 1 of 2 8/23/81 - 60 min.

AVC-052-1981C1 Part 2 of 2 8/23/81 - 7 min.

AVC-053-1981C1 **VOYAGER 2 SATURN REPORTS** w/Al Hibbs
7:45 am - no guest, 6:00 min.
9:00 am - forgot to record / guest was L. Lane
11:45 am - guest, Ed Stone - 18:00 min.
1:30 pm - guest, Garry Hunt - 19:00 min.
2:30 pm - no guest - 3:20 min.
8/21/81 - 42 min.

AVC-054-1981C1 **VOYAGER 2 SATURN REPORTS** w/Al Hibbs
4:00 pm - guest, Richard Terrile - 18:03 min. 8/21/81
7:45 am - no guest, 1:30 min.
9:00 am - guest, Hal Masursky on Iapetus and whats coming up - 18:00 min.

AVC-055-1981C **VOYAGER 2 SATURN REPORT** w/Al Hibbs
11:00 am - guest, David Morrison on Iapetus - 14 min.
1:30 pm - no guest - 2:30 min.
2:30 pm - guest, Allan Cook
3:30 pm - no guest
4:30 pm - guest, Jim Warwick - 20 min.
8/22/81

AVC-056-1981C **VOYAGER 2 SATURN REPORT** w/Al Hibbs
7:45 pm - no guest - 5 min.
9:00 am - guest, Jeff Cuzzi - 12 min.
10:00 am - guest, Fred Scarf - 13 min.
11:45 am - guest, Eugene Shoemaker - 15 min.
8/23/81 - 48 min.

AVC-057-1981C1 **VOYAGER 2 SATURN REPORT** w/Al Hibbs
1:30 pm - Hibbs shows approach zoom movie - 5 min.
2:30 pm - Eugene Shoemaker - 13 min.
4:25 pm - Andy Ingersoll - 14 min.
8/23/81 - 34 min.

AVC-058-1981C1 **VOYAGER 2 SATURN ENCOUNTER NEWS BRIEFING** 10:30 AM

R. Laeser, E. Stone, L. Tyler, B. Smith
Part 1 of 2 60 min.
Part 2 of 2 51 min.

AVC-059-1981C1 **VOYAGER 2 SATURN REPORT** W/Al Hibbs
7:45 am - no guest - 6:30 min.
9:00 am - guest, Jim Sullivan - 12:30 min.

(bow shock crossing)
1:30 pm - guest, Joseph Ververka - 13:40 min.
2:30 pm - no guest - 3:00 min.
8/24/81

AVC-060-1981C1 **VOYAGER 2 SATELLITE FEED** (Televane Productions)
5:00 pm 8/24/81 60 min.

AVC-061-1981C1 **VOYAGER 2 SATURN NEWS BRIEFING** - 10:30 am
E. Davis, E. Stone, F. Scraf, B. Smith
Part 1 of 2 60 min.
Part 2 of 2 26 min. 8/25/81

AVC-062-1981C1 **VOYAGER 2 SATURN NEWS BRIEFING** - 3:00 pm
J. Beggs, B. Murray, A. Stofan
8/25/81 - 55:00 min.

AVC-063-1981C1 **VOYAGER 2 SATURN REPORT** w/Al Hibbs
7:45 am - no guest
9:05 am - guest, Norm Ness, Magnetic Fields - 22 min.
1:30 pm - guest, Tom Krimigis - 17:00 min.
2:30 pm - guest Steve Synnott - 9:00 min.
8/25/81

AVC-064-1981C1 **VOYAGER 2 SATELLITE FEED** (Televane Productions)
5:00 pm Part 1 of 2 8/25/81 60 min.
part 2 of 2 30min.

AVC-065-1981C1 **VOYAGER 2 SATURN REPORTS** w/Al Hibbs
6:30 pm - Garry Hunt in the Gallery
6:35 pm - no guest - 5:00 min.
8:20 pm - no guest - 3:22 min.
10:30 pm - no guest
11:15 pm - no guest 2:30 min.
11:26 pm - no guest 4:06 min.
8/25/81

AVC-043-1981C1 **VOYAGER SCIENCE BRIEFING - "FAR ENCOUNTER 1"**
Jude Diner - 7/23/81 - 10 min.

AVC-044-1981C1 **VOYAGER I SATURN ENCOUNTER TAPE**
3/4" MASTER
7/81 - 11:15 min.

AVC-045-1981C1 **VOYAGER SCIENCE BRIEFING - "FAR ENCOUNTER 2"**
PART 1 Jude Diner 8/6/81 - 13 min.

AVC-046-1981C1 **VOYAGER II SATURN** w/sound 4:30 8/81

AVC-047-1981C1 **VOYAGER SCIENCE BRIEFING POST ENCOUNTER** w/Jude Diner

8/13/81 - 16:45 min.

AVC-048-1981C1 **VOYAGER SCIENCE BRIEFING**
FAR ENCOUNTER 2 PART 2 AND NEAR ENCOUNTER
W/JUDE DINER
8/12/81
PART 1 OF 2
PART 2 OF 2

AVC-049-1981C1 **VOYAGER 2 SATURN ENCOUNTER NEWS BRIEFING** - 10:00 am

E. Davis, E. Stone, B. Smith 8/21/81
Part 1 of 2 - 60 min.

AVC -049-1981C2 Part 2 of 2 - 11:00 min.

AVC-050-1981C1 **VOYAGER 2 SATURN ENCOUNTER NEWS BRIEFING**
9:30 am
R. Laeser, E. Stone, F. Scarf, B. Smith
Part 1 of 2 8/22/81 - 60 min.

AVC-050-1981C2 Part 2 of 2 8/22/81 - 11 min.

AVC-051-1981C1 **VOYAGER 2 SATURN SPOKE MOVIE #1**
8/81 - 4:30 min.

AVC-052-1981C1 **VOYAGER 2 SATURN ENCOUNTER NEWS BRIEFING -**
10:30 am
E. Davies, E. Stone, B. Smith
Part 1 of 2 8/23/81 - 60 min.

AVC -052-1981C1 Part 2 of 2 8/23/81 - 7 min.

AVC-053-1981C1 **VOYAGER 2 SATURN REPORTS** w/Al Hibbs
7:45 am - no guest, 6:00 min.
9:00 am - forgot to record / guest was L. Lane
11:45 am - guest, Ed Stone - 18:00 min.
1:30 pm - guest, Garry Hunt -19:00 min.
2:30 pm - no guest - 3:20 min.
8/21/81 - 42 min.

AVC-054-1981C1 **VOYAGER 2 SATURN REPORTS** w/Al Hibbs
4:00 pm - guest, Richard Terrile - 18:03 min. - 8/21/81
7:45 am - no guest, (missed beginning) 1:30 min.
9:00 am - guest, Hal Masursky on Iapetus & whats coming up -18:00 min.

AVC-055-1981C **VOYAGER 2 SATURN REPORT** w/Al Hibbs
11:00 am - guest, David Morrison on Iapetus - 14 min.
1:30 pm - no guest - 2:30 min.
2:30 pm - guest, Allan Cook
3:30 pm - no guest
4:30 pm - guest, Jim Warwick - 20 min.
8/22/81

AVC-056-1981C **VOYAGER 2 SATURN REPORT** w/Al Hibbs
7:45 pm - no guest - 5 min.
9:00 am - guest, Jeff Cuzzi - 12 min.
10:00 am - guest, Fred Scarf - 13 min.
11:45 am - guest, Eugene Shoemaker - 15 min.
8/23/81 - 48 min.

AVC-057-1981C1 **VOYAGER 2 SATURN REPORT** w/Al Hibbs
1:30 pm - Hibbs shows approach zoom movie - 5 min.
2:30 pm - Eugene Shoemaker - 13 min.
4:25 pm - Andy Ingersoll - 14 min.
8/23/81 - 34 min.

AVC-058-1981C1 **VOYAGER 2 SATURN ENCOUNTER NEWS BRIEFING - 10:30 AM**
R. Laeser, E. Stone, L. Tyler, B. Smith
Part 1 of 2 60 min.
Part 2 of 2 51 min.

AVC-059-1981C1 **VOYAGER 2 SATURN REPORT** W/Al Hibbs
7:45 am - no guest - 6:30 min.
9:00 am - guest, Jim Sullivan - 12:30 min.
(bow shock crossing)
1:30 pm - guest, Joseph Ververka - 13:40 min.
2:30 pm - no guest - 3:00 min.
8/24/81

AVC-060-1981C1 **VOYAGER 2 SATELLITE FEED** (Televane Productions)
5:00 pm 8/24/81 60 min.

AVC-061-1981C1 **VOYAGER 2 SATURN NEWS BRIEFING** - 10:30 am
E. Davis, E. Stone, F. Scraf, B. Smith
Part 1 of 2 60 min.

Part 2 of 2 26 min. 8/25/81

AVC-062-1981C1 **VOYAGER 2 SATURN NEWS BRIEFING** - 3:00 pm
J. Beggs, B. Murray, A. Stofan
8/25/81 - 55:00 min.

AVC-063-1981C1 **VOYAGER 2 SATURN REPORT** w/Al Hibbs
7:45 am - no guest
9:05 am - guest, Norm Ness, Magnetic Fields - 22 min.

AVC -063-1981C1 1:30 pm - guest, Tom Krimigis - 17:00 min.
2:30 pm - guest Steve Synnott - 9:00 min.
8/25/81

AVC-064-1981C1 **VOYAGER 2 SATELLITE FEED** (Televane Productions)
5:00 pm Part 1 of 2 8/25/81 - 60 min.
part 2 of 2 30min.

AVC-065-1981C1 **VOYAGER 2 SATURN REPORTS** w/Al Hibbs
6:30 pm - Garry Hunt in the Gallery
6:35 pm - no guest - 5:00 min.
8:20 pm - no guest - 3:22 min.
10:30 pm - no guest
11:15 pm - no guest 2:30 min.
11:26 pm - no guest 4:06 min.
8/25/81

AVC-071-1981C1 **VOYAGER 2 SATURN ENCOUNTER NEWS BRIEFING - 10:30 am**
D. Laeser, E. Stone, B. Smith, L. Soderblom
Part 1 of 2 8/26/81 - 60 min.
Part 2 of 2 - 8:57 min.

AVC-072-1981C1 **VOYAGER 2 SPOKE MOVIE #2**
fast 0:00 - 0:19 repeat 0:24 - 0:30
slow 0:40 - 1:13 repeat 1:04 - 1:35

AVC-073-1981C1 **VOYAGER 2 SATURN REPORTS** w/Al Hibbs
7:45 am no guest
9:00 am - guest, Ed Stone - 10:00 min.
12:00 noon - Incoming Pix during News Briefing
1:30 pm - guest, Ek Davis - 7:00 min.
2:30 pm - guest, Verner Suomi
8/26/81

AVC-074-1981C1 **VOYAGER 2 SATELLITE FEED** (Televane Productions)
5:00 pm 8/26/81 - 60 min.

AVC-075-1981C1 **VOYAGER 2 SATURN ENCOUNTER NEWS BRIEFING** - 6:15 PM
Ek Davis answers press on Spacecraft problem
8/26/81

AVC-076-1981C1 **VOYAGER 2 SATURN ENCOUNTER NEWS BRIEFING** - 10:30 AM
E. Davis, E. Stone, A. Lane, F. Scarf, G. Hunt, B. Smith
Part 1 of 2 60 min.
Part 2 of 2 28 min. 8/27/81

AVC-077-1981C1 **VOYAGER 2 SATELLITE FEED** (Televane Productions)
5:00 pm 8/27/81 60 min.

AVC-078-1981C1 **VOYAGER 2 SATURN ENCOUNTER RING/SPOKE MOVIE #2**
Duplicate - 8/81

AVC-086-1981C1 **VOYAGER 2 SATURN ENCOUNTER NEWS BRIEFING**
9:30 am
E. Davis - Project Overview
E. Stone - Science Overview
B. Smith - Rings
C. Sagan - Iapetus
L. Esposito - Rings
N. Ness - Magnetic Fields
D. Chenette - Moon Absorption
H. Bridge - Plasma Torus
T. Krimigis - Energetic Particles
D. Gurnett - Plasma Waves
Part 1 of 3 8/29/81 60 min.
Part 2 of 3 - 60 min.
Part 3 of 3

AVC-087-1981C1 **VOYAGER 2 SATURN REPORTS** w/Al Hibbs
7:45 am - no guest - 3:00 min.
9:00 am - guest, Ellis Mier - 13:28 min.
1:20 pm - guest, Lonnie Lane - 15:30 min.
2:30 pm - guest, Jim Sullivan - 20:00 min.
4:30 pm - no guest - 5:00 min.
8/29/81

AVC-088-1981C1 **VOYAGER 2 SATURN ENCOUNTER NEWS BRIEFING**
9:30 am
E. Davis - Project Overview
L. Tyler Radio Science
L. Soderblom - Satellites
B. Smith - Imaging Results
J. Romig - Electrostatic Discharges
D. Hamilton - Trapped Radiation
L. Esposito - Rings
A. Ingersoll - Atmospheres
E. Stone - Coming Attractions
Part 1 of 3 8/30/81 60 min.
Part 2 of 3 - 60 min.
Part 3 of 3 - 24 min.

AVC-089-1981C1 **VOYAGER 2 SATURN REPORT** w/Al Hibbs
7:45 am - 6:00 min.
9:00 am - 12 min.
1:30 pm - guest, Nicholas Booth - 16 min.
8/30/81

AVC-090-1981C1 **VOYAGER 2 SATURN REPORTS** w/Al Hibbs
3:30 pm - guest, Gary Hunt and Victor Frizbee
8/30/81

AVC-19103-1981C1 **VOYAGER 2 SATURN APPROACH ZOOM MOVIE**
8/81 3:00 MIN.

AVC-19107-1981C1 **THE MANY FACES OF THE SUN**
Narrated by Dave Glackin
8/12/81 30 min.

AVC-19113-1981C1M **VOYAGER SATURN IMAGERY**
This video contains computer animation combined with real data.
May 1981 - 13:30 min.
Silent

AVC-19114-1981C1M **VOYAGER/SATURN ENCOUNTER**
NASA Aeronautics and Space Report
Produced by NASA
Channel 1 - Narration and Music
Channel 2 - Music
4:30 min.

AVC-004-1982C1 **SOLAR MESOSPHERE EXPLORER**

AVC-017-1982C1 **"THE JPL AND THE MEDIA"**
Samples of JPL's News Dissemination Methods during the Saturn Encounter.

AVC-018-1982C1 **GALILEO: ENCOUNTER WITH THE PLANET EARTH -** DELTA VEGA 2+ TRAJECTORY"
4 min.

AVC-019-1982C1 **"ART CONSERVATION IMAGE PROCESSING"**
2 min.

AVC-027-1982C1 **"MEN ENCOUNTER MARS"**
(Film-to-tape transfer)
27 min.

AVC-029-1982C1 **"LANDSAT "D" LAUNCH"**
VANDENBERG AFB
Switcher/Program
(Broadcast) (duplicate)
July 16, l982 - 45 min.

AVC-043-1982C1 **"GALILEO ANTENNA DEPLOYMENT"**
Oct. 15, l982
11 min.

AVC-048-1982C1 **"JUPITER THE GIANT - SATURN THE GEM"**
10/1982 (Single Screen Version)

AVC-001-1983C1 **"JPL PUBLIC INFORMATION ARCHIVE"**
Laser Disc Transfer
60 min.

AVC-004-1983C1 **"IRAS TV CLIP"** (Film to tape transfer)
JPL-PIO (213) 354-5011

AVC-005-1983C1 **"IRAS LAUNCH"** Jan. 25, l983
Sound/6 min.

AVC-008-1983C1 **"JPL STORY"**
(Film to tape transfer)
3/10/83 - 15 min.

AVC-009-1983C1 **"JUPITER MOSAIC MAPS - CLOUD ACTIVITY"**
(Film to tape transfer)
3/30/83 - 9 min.

AVC-010-1983C1 **"JPL HORIZONS"**
20 min. - March 1983
IRAS
SIR-A

AVC-010-1983C1 **FY 84 BUDGET**
GALILEO ANTENNA
VIKING I LANDER
PETROGLPHS

AVC-011-1983C1 **"IRAS LAUNCH; VIDEO & FILM RAW STOCK"**
6 MIN.

AVC-016-1983C1 **"SHUTTLE IMAGING RADAR LOOKS AT EARTH"**
(Film to tape transfer)
Charles Elachi - 13 min.

AVC-017-1983C1 **"GALILEO ANTENNA MODIFICATION"**

AVC-023-1983C1 **"GALILEO: RETURN TO JUPITER"**
5:30 min.

AVC-028-1983C1 **"SHUTTLE IMAGING RADAR LOOKS AT EARTH"**
Charles Elachi - 11 min.

AVC-032-1983C1 **"MEASURING THE SUN: THE ACTIVE CAVITY RADIOMETER"**

Dr. Richard Wilson - 5 min. 15 sec.

AVC-033-1983C1 **"GALILEO ANTENNA SHAKE TEST"**
March 8, l983 - 4 min. - No sound

AVC-034-1983C1 **"NASA 25TH ANNIVERSARY"**
60 min.

AVC-042-1983C1 **"INTERNATIONAL HALLEY INTERCEPT MOVIE"**
Comet Rendezvous Mission
Inner Solar System : 1984-1986
35 min.

AVC-046-1983C1 **"PRESIDENT REAGAN'S ADDRESS FOR NASA'S 25TH ANNIVERSARY"**

AVC-047-1983C1 **"IRAS NEWS CONFERENCE"**
11-9-1983
1 OF 3 60 MIN.
2 OF 3 60 MIN.
3 OF 3

AVC-005-1984C1 **"VOYAGER THE MOVIE"**
Film to tape Transfer 25 min.

AVC-007-1984C1 **"1984 MARS ROVER PROTOTYPE"**
(Film to tape transfer)
8:00 min.

AVC-011-1984C1 **COMET HALLEY: HERE IT COMES AGAIN**
19:30 min. - 11/2/83

AVC-013-1984C1 **"IRAS BRIEFING FILM PRODUCED BY VANDENBERG AFB"**
Gene Langenfeld and Jim Morr
12 min.

AVC-014-1984C1 **"GALILEO PROBE: DELIVERY TO JPL"**
Joel Harris
4:30 min.

AVC-015-1984C1 **"FORMATION OF THE SOLAR SYSTEM"**
ANIMATION SEQUENCE
4:00 MIN.
NOTE: Slight film print imperfection

AVC-016-1984C1 **"LAUNCH OF LANDSAT 1984"**

Tom Jaqua
50:00 min.

AVC-020-1984C1 **"Remote Possibilities"**
Film about Landsat
(Film to tape transfer)

AVC-022-1984C1M **"THE ACTIVE CAVITY RADIOMETER"**
News Clip

AVC-025-1984C1M **"VOYAGER: URANUS AND NEPTUNE"**
An Overview by Dr. Ed Stone
61 min.

AVC-026-1984C1M **"VIKING ORBITER AND LANDER ANIMATION"**
"CENTAUR IUS STOCK FOOTAGE"
4 min.

AVC-027-1984C1M **"GOLDSTONE ANTENNA"**
Stock Footage
10 min. - G. Harms

AVC-028-1984C1M **"VIKING ON MARS"**
Multi-media Transfer
16:40 min.

AVC-037-1984C1M **AERONAUTICAL ODDITIES**
20 min.

AVC-042-1984C1M **VOYAGER TO NEPTUNE**
Computer Animation
5 min.

AVC-050-1984C1M **THE JPL STORY**
(Film to tape transfer)
15 min.

AVC-053-1984C1M **SOLAR MAX REPAIR MISSION**
(Martin Marietta)
6:55 min.

AVC-061-1984C1M **MARINER '69 and MARS THE SEARCH BEGINS**
21:00 min. and 28:00 min.
Note: First 30 seconds of Mars the Search
Begins is out of sync.

AVC-062-1984C1M **MERCURY: EXPLORATION OF A PLANET** (JPL 1046)
and a copy of PLANET MARS
Film transfers - 3/4 master of MERCURY, copy of PLANET MARS - 24:00 min. and 28:00 min.

T1M - PLANET MARS
1" Master - 28:00 min.

AVC-064-1984C1M **GALILEO VIBRATION TESTS**
(Sound)
3:00 min.

AVC-065-1984C1M **SHUTTLE IMAGING RADAR-B**
News Clip
5.5 min. Oct. 1, l984 - C. Elachi
Channel 1: Effects; Channel 2: Narration

AVC-067-1984C1M **GOLDSTONE ANTENNA ANIMATION**
Silent - 1.5 min.

AVC-081-1984C1M **SIR-B Imagery**
Oct. 7, 1984 - C. Elachi
Montreal Canada

AVC-082-1984C1M **SIR-B Imagery**
Oct. 7, l984 - C. Elachi
Montreal Canada
Color Explosure

AVC-086-1984C1M **SIR-B Imagery**
STS-41G - C. Elachi

AVC-088-1984C1M **SIR-B**
Quick Look-Mission & Results
10/5/84 - 10/13/84
5 min. - C. Elachi - (Elachi has Master)

AVC-19101-1984C1M **Shuttle Imaging Radar-B (SIR-B)**
9:25 min.

AVC-19102-1984C1M **LARGE FORMAT CAMERA/SHUTTLE IMAGING** RADAR-B
DEC. 17, 1984
LFC & Sir-B Press Conference
Part 1 of 2 - 60:00 min.

-102-1984C2M Part 2 of 2 - 20:00 min.

AVC-19115-1984C1M **MOUNT SHASTA SIR-B**
Dr. M. Kobrick
December 1984 - 2:30 min.

AVC-19116-1984C1M **PRINCE ANDREW VISIT**
4/19/84
12:00 min.
NOTE: Film-to-tape transfer

AVC-002-1985C1M **"Comets: Windows Into Time"**
Original version 1981 - 7:00 min.
NOTE: Film-to-tape transfer

AVC-003-1985C1M **"Comets: Windows Into Time"**
Jan. 1985 version
4:30 min.

AVC-005-1985C1M **Excerpts from Voyager 2 - Saturn Encounter**
1. NASA News Net
2. News Room
3. Blue Room
13 min.

AVC-008-1985C1M **"IRAS - Space Technology from the Netherlands"**
30 min.

AVC-011-1985C1M **Galileo Mission to Jupiter**
(Film-to-tape transfer)
5 min.

AVC-013-1985C1M **GALILEO: MOVE FROM SPACECRAFT ASSEMBLY FACILITY TO SPACECRAFT SIMULATOR**
12/1984 (film-to-tape transfer)
6:30 min.

AVC-045-1985C1M **"EXCIMER LASER EXCERPTS"**
Jim Laudenslager
15:00 min (From 1/2" tape)

AVC-047-1985C1M **JUPITER MAGNETOSPHERE**
3:30 min.
(Film to tape transfer)

AVC-048-1985C1M **GALILEO SPIN TEST**

AVC-051-1985C1M **DROP DYNAMICS MODULE**
SPACELAB 3
Taylor Wang
Silent 3:15 min.

AVC-058-1985C1M **IRAS MAP OF THE GALAXY**
C. Beichman
Silent - 5 min.

AVC-061-1985C1M **RTG HANDLING**
C2M - F. Locatel 4/23/85
(Raw Stock)
Tape 1 of 2 20 min.
Tape 2 of 2 6 min.

AVC-063-1985C1M **"MISSION EXCERPTS"**
DROP DYNAMICS MODULE - Spacelab 3
Taylor Wang 5/10/85
Sound 11 min.

AVC-065-1985C1M **"TAYLOR WANG - WELCOME HOME CEREMONY"**
C2M - (Raw) 5/10/85
Tape 1 of 2 25 min.
Tape 2 of 2 15 min.

AVC-066-1985C1M **"TAYLOR WANG - PRESS CONFERENCE"**
C2M - 5/10/85
NOTE: Camera problems in first few minutes.
Tape 1 of 2 20 min.
Tape 2 of 2 19 min.

AVC-067-1985C1M **DROP DYNAMICS MODULE**
Taylor Wang Spacelab 3
Part 1 of 16 - 4/29/85 - 59:00
C2M Part 2 of 16 - 4/29/85 - 60:51
C3M Part 3 of 16 - 4/29/85 - 62:34
C4M Part 4 of 16 - 4/29/85 - 52:54
C5M Part 5 of 16 - 4/30/85 - 63:00
C6M Part 6 of 16 - 5/1/85 - 63:00
C7M Part 7 of 16 - 5/1/85 - 50:55
C8M Part 8 of 16 - 5/2/85 - 52:56
C9M Part 9 of 16 - 5/2/85 - 59:53
C10M Part 10 of 16 - 5/2/85 - 63:00
C11M Part 11 of 16 - 5/3/85 - 54:06
C12M Part 12 of 16 - 5/3/85 - 51:51
C13M Part 13 of 16 - 5/3&4/85 - 49:03
C14M Part 14 of 16 - 5/6/85 - 21:15
C15M Part 15 of 16 - 5/6/85 - 56:53
C16M Part 16 of 16 - 5/6/85 - 8:21

AVC-068-1985C1M **DROP DYNAMICS MODULE MISSION EXCERPTS**
Early Version
6 min.

AVC-069-1985C1M **EXCIMER LASER**
Stock Video - (Raw)
Jim Laudenslager
14 min.

AVC-1970-1985C1M **DROP DYNAMICS MODULE**
Ch. 1 Shuttle
Ch. 2 Narration
5/20/85 - 5 min.

AVC-071-1985C1M **KSC R.T.G. HANDLING**
Rough Edit
49 min.

AVC-087-1985C1M **ULYSSES - RTG HANDLING WALK-THRU**
John C. Koenig
7/8/85
50 min.

AVC-089-1985C1M **MEAN CLOUD COVER AND ALTITUDE**
Kevin Hussey
(film-to-tape transfer)
7/8/85 - 10 min.

AVC-090-1985C1M **RTG HANDLINNG**
C2M Videotaped By KSC
C3M 7/9/85
C4M Tape 1 of 4, 60 min. - Tape 2 of 4, 60 min.
Tape 3 of 4, 60 min. - Tape 4 of 4, 60 min.

AVC-093-1985C1M **MEN ENCOUNTER MARS**
film to tape transfer
28 min.

AVC-19101-1985C1M **PRESIDENT LI AT THE JET PROPULSION LAB**
7/29/85
Ch. 1: Mic, Ch. 2: Mix
Part 1 of 2 - 15 min.

AVC -101-1985C2M **PRESIDENT LI AT JPL (SAF)**
7/29/85
Part 2 of 2 - 15 min.

AVC-19102-1985C1M **MADRID ANTENNA**
A Window Into Space
July 25, 1985 - Film to tape transfer
JPL 593

AVC-19105-1985C1M **RTG INSTALLATION PROCEDURES**
8/9/85
Part 1 of 4 - 18:10 min.
C2M - Part 2 of 4 - 13:36 min.
C3M - Part 3 of 4 - 13:17 min.
C4M - Part 4 of 4 - 8:43 min.

AVC-19109-1985C1M **IRAS - THE SUPERCOOLED EYE**
55 min.
(from a 1/2" master)

AVC-19111-1985C1M **WIDE FIELD PLANETARY CAMERA**
Stock Footage - Sunnyvale/Lockheed
Jack Dawson
August 1985 - 50 min.

AVC-19113-1985C1M **DEEP SPACE NETWORK**
Goldstone Mission
Robert Taylor
September 1985 - 30 min.

AVC-19115-1985C1M **THE J.P.L. STORY**
Frank Bristow
9/11/85 - 17:26 min.

AVC-19118-1985C1M **HALLEY ANIMATION**
James Blinn
10/4/85 - 19:58 min.

AVC-19120-1985C1M **MARS ROVER**
NASA Version - Brian Wilcox
Channel 1: Effects, Channel 2: Narration
9/27/85
5:00 min.

AVC-19122-1985C1M **WIDE FIELD PLANETARY CAMERA INSTALLATION**
Hubble Space Telescope - Lockheed Sunnyvale
John Gregoire
August 1985
6:00 min.

AVC-19123-1985C1M **SPACE STATION COMPUTER ANIMATION**
Boeing Aerospace Company
Jan. 20, 1985
(Animation only) - Silent - 5:00 min.

AVC-002-1986C1M **ULYSSES MISSION TO THE SUN**
NOTE: Channels 1 and 2 audio in mono
10/15/85
8:53 min.

AVC-003-1986C1M **HALLEY'S COMET MISSION ANIMATION**
10/23/85
Silent - 21:30 min.

AVC-004-1986C1M **VOYAGER - TOUR OF JUPITER AND SATURN**
Edited Version
Channel 1: Effects, Channel 2: Narration

AVC-006-1986C1M **"HALLEY COMET MISSION ANIMATION"**
"COMETS, WINDOW INTO TIME"
NOTE: Channels 1 and 2 audio in mono
11/13/85 - 20:23 min.

AVC-009-1986C1M **URANUS AND SATELLITES ROTATION MOVIE**
VU-1 - 11/6&7/85
3:30 min.

AVC-010-1986C1M **"VOYAGER ENCOUNTERS URANUS"**
"VOYAGER ENCOUNTERS NEPTUNE"
Computer Graphics - Jim Blinn
VU-4 - 12/7/85 - 7:00 min.

AVC-011-1986C1M **VOYAGER/URANUS PRESS BRIEFING**
NASA Headquarters - Frank Bristow
12/3/85 - 60:00 min.
Speakers: Dr. Burton I. Edelson, Dr. Richard Laeser, Dr. Edward Stone,
Dr. Michael Kaiser,
Dr. Brad Smith

AVC-016-1986C1M **DYNAMICS OF THE IO SODIUM CLOUD**
Note: Film-to-tape transfer.
4:50 min.

AVC-017-1986C1M **TOUR OF GOLDSTONE**
Selected stock footage for on-site narration
Glen Harms
1/8/86 - 6:00 min.

AVC-020-1986C1M **THE D.S.N. STORY**
NOTE: Film-to-tape transfer
Time code
12/20/85 - 13:00 min.

AVC-022-1986C1M **VOYAGER AT URANUS**
Jurrie van Der Woude
1/6/86 - 8:40 min.

AVC-024-1986C1M **COMPOSITE OF VOYAGER 1 SATURN FILMS**
Voyager 1 Encounters Saturn:
- Computer Simulation
- Saturn Encounter 1980
- Rings Rotation
- Rotation Movie
- Ring Movie
1/14/86 - 8:00 min.

AVC-025-1986C1M **VOYAGER 1 LAUNCH - CLOSE UP**
NOTE: Film-to-tape transfer

12:00 min.

AVC-026-1986C1M **VOYAGER 1 LAUNCH - LONG SHOT**
NOTE: Film-to-tape transfer; very grainy
5:30 min.

AVC-027-1986C1M **PROBING THE CLOUDS OF VENUS**
Ames Research Center Film #NAV-036
20:00 min
Note: Film print had scratches

AVC-028-1986C1M **VOYAGER II ENCOUNTERS URANUS VU-4**
Narration by Charles Kohlhase
1/20/86 - 7:00 min.

AVC-029-1986C1M **HALLEY'S COMET**
Animation Only - Jim Blinn
Special - 7:00 min.
NO AUDIO

AVC-030-1986C1M **DSN/AUSTRALIA: PARKS**
NOTE: Film-to-tape transfer
1/21/86 - 32:06 min.

AVC-031-1986T1M **1. VOYAGER ENCOUNTERS URANUS VU-4**
1" Master only
2. URANIAN MOONS

AVC-032-1986T1M **URANUS ANIMATION**
1" Master only - Narration by Charles Kohlhase
1/19/86 - 5:00 min.

AVC-033-1986T1M **Voyager 1 Launch, September 5, 1977**
Three camera angles showing just the launch. Raw film to tape transfer made 1/17/86
13 :50 min.

AVC-034-1986C1M **Voyager at Uranus Press Conference- 1/22/86**
Part 1 of 2 - Welcome: Dr. Lew Allen, Lab Dir. and Dr. Burton Edelson, Assoc. Dir. for NASA; Panel: Ed Stone, Spacecraft Overview; Dick Laeser, Mission Director, Spacecraft Mechanics Brad Smith, Imaging Team Leader, University of Arizonia.
Part 1 of 2 - 60:00 min.

AVC -034-1986C2M	Part 2 of 2 - 46:30 min.
AVC -034-1986T2M	Part 2 of 2 - 7:00 min.
AVC-035-1986C1M	**"BLUE ROOM UPDATE"** Voyager at Uranus - 1/22/86 8:00am - No guest, 9:00am - Charles Kohlhase 12:00pm - Torrence Johnson 46:00 min.
AVC-036-1986C1M	**"BLUE ROOM UPDATE"** Voyager at Uranus- 1/22/86 1:00pm - Von Eshelman, 2:00pm - Rich Terrile 3:00pm - Gary Hunt 40:40 min.
AVC-037-1986C1M	**"BLUE ROOM UPDATE"** Voyager at Uranus - 1/22/86 4:00pm - Donna Pivirotto, 5:00pm - Dick Laeser 17:19 min.
AVC-038-1986C1M	**"NEWS BRIEFING"** Voyager at Uranus - 1/23/86 PANEL: Brad Smith, Ed Stone, Dick Laeser Part 1 of 2 - 60:00 min.
AVC -038-1986C2M	Part 2 of 2 - 20:00 min.
AVC-038-1986T1M	1" Master - 17:00 min
AVC-039-1986C1M	**"BLUE ROOM UPDATE"** Voyager at Uranus - 1/23/86 8:00am - No guest, 9:00am - Lonnie Lane 12:00pm - Michael Kaiser 35:00 min.
AVC-039-1986T1M	1" Master - 35:00 min.
AVC-040-1986T1M	**"BLUE ROOM UPDATE"** Voyager at Uranus - 1/23/86 1:00pm - Fred Scarf, 2:00pm - Don Gray 3:00pm - Andy Ingersoll 1" Master - 60:00 min.

AVC-041-1986C1M **"NASA SCIENCE REPORT"** - Televane Productions
Voyager at Uranus - 1/23/86
Note: Dubbed from Televane's 1" master.
60:00 min.

AVC-042-1986C1M **"NEWS BRIEFING"**
Voyager at Uranus - 1/24/86
PANEL: Dick Laeser, Brad Smith, Edward Stone,
John Belcher, Norman Ness
Part 1 of 2 - 60:00 min.

AVC-042-1986C2M Part 2 of 2 - 28:00 min.

AVC-043-1986C1M **"BLUE ROOM UPDATE"**
Voyager at Uranus - 1/24/86
4:00pm - Bill McLaughlin
10:00 min.

AVC-044-1986C1M **"BLUE ROOM UPDATE"**
Voyager at Uranus - 1/24/86
8:00am - Donna Pivirotto, 9:00am - Rudy Hanel
12:00pm - Mario Acuna - no time code on 12:00 pm
25:00 min.

AVC-045-1986C1M **"NASA SCIENCE REPORT"**
Voyager at Uranus - 1/24/86
Time code
60:00 min.

AVC-046-1986C1M **"BLUE ROOM UPDATE"**
Voyager at Uranus - 1/24/86
1:00pm - Darrell Strober, 2:00pm
- Hal Masursky
3:00pm - Laurence Soderblom
Recorded Closest Approach at 12:45pm
No time code
Total Time 55:00 min.

AVC-048-1986C1M **"NEWS BRIEFING"**
Voyager at Uranus - 1/25/86
PANEL: Richard Laeser, Brad Smith, Rudolf Hanel, Norman Ness,
Edward Stone, Lyle
Broadfoot, Laurence Soderblom
Part 1 of 2 - 60:00 min.

AVC -048-1986C2M Part 2 of 2 - 28:00 min.

AVC-049-1986C1M **"BLUE ROOM UPDATE"**
Voyager at Uranus - 1/25-1986
8:00am - D. Pivirotto, 9:20 & 9:40am - J. Cuzzi,
8:30 & 9:00am - R. Terrile, 12:10pm - R. Strom
6:00 min.

AVC-050-1986C1M **"BLUE ROOM UPDATE"**
Voyager at Uranus - 1/25/86
12:40 & 1:00pm - Hal Masursky, 1:20 & 1:40pm - Bob Strom,
2:00 - Gary Hunt
56:40 min.

AVC-051-1986C1M **"BLUE ROOM UPDATE"**
Voyager at Uranus - 1/25/86
2:20pm - Gary Hunt,
2:40, 3:00 & 3:20pm - Laurence Soderblom
5:40pm - Bob Brown
54:00 min.

AVC-052-1986C1M **"NEWS BRIEFING"** - (Special)
Voyager at Uranus - 1/26/86
Lew Allen, Burton Edelson
30:00 min.

AVC-052-1986T1M 1" Master - 30:00 min.

AVC-053-1986C1M **"NEWS BRIEFING"**
Voyager at Uranus - 1/26/86
PANEL: Richard Laeser, Brad Smith, Laurence
Soderblom, Bill Sander, Sim Krimigis, David Chenette,
Arthur Lane, Fred Scarf, Edward Stone
Part 1 of 4 - 60:00 min.

C2M Part 2 of 4 - 60:00 min.

C3M Part 3 of 4 - 30:00 min.

C4M Part 4 of 4 - 9:30 min.

AVC-054-1986C1M **"NASA SCIENCE REPORT"**
Voyager at Uranus - 1/26/86
60:00 min.

AVC-055-1986C1M **"BLUE ROOM UPDATE"**

Voyager at Uranus - 1/25/86
4:00pm - Bob Brown, 5:00pm - Andy Ingersoll,
4:20 & 4:40pm - R. Terrile, 5:20pm - Toby Owen
Part 1 of 2 - 60:00 min.
C2M 5:40pm - Andre Brahic, 7:00pm - David Morrison
6:00pm - Reta Beebe, 8:00pm - No Guest
Part 2 of 2 - 43:40 min.

AVC-055-1986T1M **"BLUE ROOM UPDATE"**
Voyager at Uranus - 1/25/86
4:00pm - Bob Brown, 5:20pm - Toby Owen,
4:20 & 4:40pm - R. Terrile, 5:40pm
- Andre Brahic
5:00pm - Andy Ingersoll, 6:00pm - Reta Beebe
Part 1 of 2 - 1 hour 20:00 min.
T2M - 7:00pm - David Morrison - 8:00pm - No Guest
Part 2 of 2 - 21:50 min.

AVC-056-1986C1M **"NEWS BRIEFING" Voyager at Uranus - 1/27/86**
PANEL: James Warwick, Lyle Broadfoot, Barney Conrath,
Len Tyler, Andy Ingersol, Laurence Soderblom,
Edward Stone
Part 1 of 2 - 60:00 min.
C2M - 2 of 2 - 52:20 min.

AVC-057-1986C1M **BLUE ROOM UPDATE**
Voyager at Uranus - 1/26/86
8:00 a.m. No guest, 9:40 a.m. No guest,
1:00 p.m. David Chenette, 2:00 p.m. Jeff Cuzzi
3:00 p.m. Hal Masursky, 3:35 p.m. Carolyn Porco
No audio: First 7 seconds into blue room.
54:00 min.

AVC-058-1986C1M **NASA SCIENCE REPORT**
Voyager at Uranus - 1/27/86
60:00 min.

AVC-059-1986C1M **NASA SCIENCE REPORT**
Voyager at Uranus - 1/28/87
"Summary" - 60:00 min.

AVC-060-1986C1M **BLUE ROOM UPDATE**
Voyager at Uranus - 1/26/86
3:35 p.m. - Carolyn Porco, 4:00 p.m. - Ray Morris
14:50 min.

AVC-061-1986C1M **BLUE ROOM UPDATE**
Voyager at Uranus - 1/27/86
8:00 a.m. & 9:00 - No guest, 12:10 p.m. - Hal Masursky
1:00 p.m. - Don Sweetnam
47:53 min.

AVC-062-1986C1M **BLUE ROOM UPDATE**
Voyager at Uranus - 1/27/86
2:00 p.m. - Gary Hunt, 3:00 p.m. - David Morrison
4:00 p.m. - Dave Smith
34:50 min.

AVC-063-1986C1M **BLUE ROOM UPDATE**
Voyager at Uranus - 1/28/86
8:00 a.m. - No guest
7:00 min.

AVC-063-1986T1M **BLUE ROOM UPDATE** - Voyager at Uranus
8:00 a.m. No guest
"SPECIAL" - "SPACE SHUTTLE TRAGEDY"
(without explosion)
1/28/86 - 36:00 min.

AVC-064-1986C1M **STS-51L "LAUNCH TRAGEDY"**
NOTE: Transferred from VHS 1/2"
1/28/86
10:25 min.

AVC-064-1986T1M **STS-51L "LAUNCH TRAGEDY"**
Recorded live NASA feed
NOTE: Transferred from VHS 1/2"
(very few words said)
1/28/86 - 11:05 min.

AVC-064A-1986C1M **STS-51L VIEWS OF EXPLOSION FROM KENNEDY**
SPACE CENTER
1/18/86
Part 1 of 2 - 60:00 min.

C2M Part 2 of 2 - 36:00 min.

AVC-065-1986C1M **NEWS BRIEFING** - Voyager at Uranus
(final briefing with credits rolled at end)
Address by : Dr. Lew Allen
Panel: Len Tyler, Frann Bagenal, Charles Hord,
Arthur Lane, James Trainor, Larry Esposito

1/29/86
Part 1 of 3 - 60:00 min.

AVC-065-1986C2M **NEWS BRIEFING** - Voyager at Uranus
Lew Allen, Arthur Lane, Len Tyler, Larry Esposito,
Charles Hord, Jeff Cuzzi, James Trainor, Larry Soderblom
Fran Bagenal, Ed Stone
1/29/86
Part 2 of 3 - 60:00 min.

C3M Part 3 of 3 - 29:00 min.

AVC-065-1986T1M **NEWS BRIEFING**
Voyager at Uranus
NOTE: Final briefing with credits rolled at end
Address by: Dr. Lew Allen Panel: Len Tyler, Arthur Lane,
Charles Hord, Fran Bagenol, Larry Esposito, James Trainor, Jeff Cuzzi,

AVC-065-1986T1M Larry Soderblom
Part 1 of 2 - 1 hour 36:00 min.

AVC-065-1986T2M **NEWS BRIEFING** - Voyager at Uranus
Panel: Len Tyler, Arthur Lane, Charles Hord,
Larry Esposito, James Trainor, Jeff Cuzzi,
Fran Bagenol, Larry Soderblom, Ed Stone
Part 2 of 2 - 52:44 min.

AVC-066-1986C1M **NEWS CONFERENCE**
"Space Shuttle Tragedy"
Kennedy Space Center
Hugh Harris and Jess Moore
Time code
1/28/86 - 27:00 min.

AVC-066-1986T1M 1" Master - 27:00 min.

AVC-067-1986C1M **NEWS CONFERENCE**
Vice Presidential Conference
"Space Shuttle Tragedy"
Kennedy Space Center
George Buck and John Glenn
1/28/86 - 11:05 min.

AVC-068-1986C1M **President Reagan's Address to the Nation**
missing "Space Shuttle Tragedy"
Time code

1/28/86 - 4:00 min.

AVC-069-1986C1M **NEWS CONFERENCE**
Kennedy Space Center
"Space Shuttle Tragedy"
24 hours after incident "wrap-up"
Time code - (No 1" Master)
1/29/86

AVC-071-1986C1M **MEMORIAL SERVICE FOR SPACE SHUTTLE CREW "CHALLENGER" FROM JOHNSON SPACE CENTER**
1/13/86
Part 1 of 2 - 60:00 min.

C2M Part 2 of 2 - 6:27 min.

AVC-072-1986C1M **1. VOYAGER AT URANUS** - VU-3: 8:40 min.
2. VOYAGER II ENCOUNTERS URANUS- VU-4

AVC-073-1986C1M **VOYAGER II ENCOUNTERS** - VU-4
1/31/86
7:30 min.

AVC-074-1986C1M **URANUS MOONS**
1/21/86
1:00 MIN.

AVC-075-1986C1M **VOYAGER II ENCOUNTERS URANUS** - VU-4
With freeze frames
1/31/86
10:38 min.

AVC-076-1986C1M **VOYAGER II ENCOUNTERS URANUS** - VU-4
AND URANIAN MOONS
1/31/86
7:35 MIN.

AVC-077-1986C1M **VOYAGER II LOGO FOR THE URANUS ENCOUNTER**
Marian Manese
NOTE: Good logo's at 10:00 min. and 14:00 min
With music Time code
1/31/86 - 18:00 min.

AVC-078-1986C1M **URANUS COMPUTER GRAPHICS SLIDES**
Jim Blinn Volume #1-20 slides
1/31/86

Part 1 of 3 - 29:12 min.

AVC-078-1986C2M **URANUS COMPUTER GRAPHICS SLIDES**
Jim Blinn Volume #2-19 slides
1/31/86
Part 2 of 3 - 27:35 min.

AVC-078-1987C3M **URANUS COMPUTER GRAPHICS SLIDES**
Jim Blinn Volume #3-21 slides
1/31/86
Part 3 of 3 - 29:45 min.

AVC-079-1986C1M **VOYAGER AT URANUS** (VU-3)
(With Narration)
1/2/86
7:50 min.
Time code

AVC-081-1986C1M **UTC M 3 CLOCK**
Voyager/Uranus Encounter
"The Countdown"
Jim Simmons
1/6/86 - 1:00 min.

AVC-082-1986C1M **MESSAGE FROM WILLIAM R. GRAHAM TO ALL NASA EMPLOYEES REGARDING SPACE SHUTTLE TRAGEDY**
2/7/86
4:19 min.

AVC-111-1986C1M **HALLEY'S COMET**
Public Information Office
3/6/86 - 6:30 min.

AVC-113-1986C1M **URANUS AND MOONS** -- Raw Buildups
Marian Inova
Silent - 60:00 min.

AVC-114-1986C1M **GOLDSTONE ANTENNAS**
DSS 14 and DSS 15
NOTE: Film to tape transfer
3/6//86 - 22:00 min.

AVC-131-1986T1M **VOYAGER II AT URANUS**
1" Master only - FINAL PRESS CONFERENCE
FROM THE BALTIMORE CONVENTION CENTER

NOTE: Received via satellite com.
5/19/86 - 90:00 min.

AVC-133-1986C1M **THE UNVEILING OF VENUS**
NOTE: Transferred on 5/9/86 - 16:25 min.
Time code

AVC-136-1986T1M **VOYAGER II AT URANUS**: An Overview by Ed Stone
1" Master only
Time Code
3/17/86 - 45:00 min.

AVC-137-1986T1M **HALLEY'S COMET ENCOUNTER AND GIOTTO'S IMAGES OF HALLEY**
3/13/86 - 55:00 min.

AVC-138-1986T1M **TELEROBOTIC DEMONSTRATOR**
Wayne Zimmerman
Ch. 1, Effects - Ch. 2, Narration
Time Code
5/1/86 - 12:30 min.

AVC-150-1986C1M **DR. LEW ALLEN INTERVIEW**
7/8/86 - 10:00 min
Dr. Eldred Tubbs
Take 3 - 6:30 min.
Jim Kukowski NASA Headquarters
NOTE: Transferred from master

AVC-151-1986T1M **PANORAMA SHOTS OF JPL WITH JIM KUKOWSKI**
NOTE: Transferred from 3/4" tape
7/8/86 - 18:30 min.

AVC-153-1986C1M **MARS: THE NEXT STEP**
Jim French
Channel 1: Narration - Channel 2: Music;Effects
7/16/86 - 6:00 min.

AVC-156-1986C1M **NASA SELECT TV**
Challenger Accident Report
6/9/86 - 15:00 min.

AVC-157-1986C1M **NASA SELECT TV**
NASA Administrator John C. Fletcher Press Conference
6/9/86 - 52:26 min.

AVC-164-1986C11M **JPL HYPERSONIC WIND TUNNEL**
July 1985 - 7:45 min.

AVC-165-1986C1M **URANUS MAGNETOSPHERE**
Computer Graphics ab/JPL
8/11/86 - 14:00 min
NOTE: Transferred form 1" tape.

AVC-166-1986C1M **MARS ROVER**
Brian Wilcox
Ch. 1, FX - Ch. 2, Narration
July 1986 - 5:00 min.

AVC-167-1986T1M **THE ANTARCTIC OZONE**
Hole as Seen by TOMS
NOTE: Film-to-tape transfer by S.L. Bridges
Mark Shoeberl, Arlin Kureger and Rich Stolarski
2:28 min.

AVC-173-1986C1M **AXAF - The Advanced X-Ray Astrophysics** Facility
Job 86-07a
Jurrie van der Woude
8/18/86 - 20:00 min.

AVC-174-1986C1M **A COMET CALLED HALLEY**
Terence Murtagh, Armagh Planetarium, N. Ireland
1/17/86 - 30:00 min.

AVC-178-1986C1M **AERONAUTICS AND SPACE REPORT**
Restoring Miss Liberty - 4:20 min.
Research Aircraft X-29 - 2:35 min.

AVC-178-1986C1M **Planet Research** - 3:15
Laser Artery Repair (JPL) - 4:00 min.
8/28/86

AVC-180-1986C1M **SURVEYOR PROGRAM: SURVEYOR PROJECT**
REPORT #20 Including final summary of the Lunar lander
1968 - 27:00 min.
NOTE: Film-to-tape transfer

AVC-181-1986C1M **NEXT...THE MEN**
Film on the Surveyor Project to the Moon.
17:00 min.
NOTE: Film-to-tape transfer

AVC-182-1986C1M **ONE, ONE, ZERO, ZERO**
Surveyor SC-1 Mission
1968 - 27:00 min.
NOTE: Film-to-tape transfer of General Dynamics produced film

AVC-183-1986T3M **NASA...THE 25TH YEAR**
Channel 1: Narration/Music/Effects
Channel 2: Music and Effects
9/9/86 - 50:00 min.
Time Code
NOTE: Transferred from 3/4" tape

AVC-184-1986T1M **COMPUTER GRAPHICS DEMO TAPE**
1984, 1985, 1986,and 1987 - Jim Blinn
9/8/86 - 22:00 min. 1987 Added on 9/6/88
Channel 1: Music and Narration

AVC-187-1986C1M **THE JPL STORY 1970**
9/15/86 - 26:00 min.
No sound - Time code
Film-to-tape transfer

AVC-005-1987C1M **SEASAT SCATTEROMETER MARINE WINDS**
"Wind Speed with Vectors"
By Peter Woiceshun - 10/1/86
Part 1 of 3 - 11:49 min.

AVC -005-1987C2M **"Zonal and Meridional"**
Part 2 of 3 - 3:43 min.

AVC -005-1987C3M **"Vorticity and Divergence"**
Part 3 of 3 - 8:15 min.
NOTE: Dub from 3/4" master.

AVC-006-1987C1M **JPL HISTORICAL STOCK FOOTAGE**
Public Information Office
10/8/86 - 7:30 min. - Silent - Time Code

AVC-007-1987C1M Voyager I Encounters Jupiter - Silent
Voyager II Encounters Jupiter - Silent
Voyager I Encounters Saturn - Sound
10/9/86 - 11:00 min.

AVC-009-1987C1M "**Mariner Historical Footage"** - April 1964
HANDLE WITH CARE

Film-to-tape transfer - NOTE: Marred sound track
10/20/86 - 19:00 min.

AVC-012-1987T1M **I WILL SEE SUCH THINGS** - (Voyager/Uranus)
10/22/86 - 28:34 min.
Audio Ch 1&2 Mono

AVC-014-1987C1M **ARROYO SECO CEREMONY**
50th Anniversary Celebration of First Rocket Firing
Mary Lassiter, Section 184
10/31/86 - 14:00 min.

AVC-026-1987C1M **L.A. THE MOVIE**
T1M - Image Processing Flight Over L.A.
Kevin Hussey - 12/19/86 - 3:00 min.

AVC -026-1987C2M **L.A. THE MOVIE - NARRATED VERSION**
4/87 - 3:27 min.

AVC-029-1987T1M **THE VOYAGER DISCOVERIES, JUPITER, SATURN, URANUS..AND ON TO NEPTUNE**
Stereo - December 1986 - 15:00 min.

AVC-033-1987T1M **JPL AERIAL SHOTS**
Cory Borst - Time code
1/12/87 - 2:00 min.

AVC-035-1987T1M **VOYAGER AT THE SMITHSONIAN**
Stock Footage - Silent - Note: Film-to-tape transfer
Jack Dawson - 1/15/87 - 33:00 min.

AVC-040-1987T1M **AERIAL FOOTAGE OF GOLDSTONE** - MOS
Time code - 2/3/87 - 27:36 min.

AVC-047-1987T1M **VOYAGER SPACECRAFT USED FOR MAGELLAN PROJECT TESTS**
Jim Doyle - 2/11/87
Silent - 1:30 min.

AVC-062-1987C1M **MAGELLAN ASSEMBLY** - SSB High Bay 1986
NOTE: Color dub from raw original. Raw stock footage.
1/18/87 - 7:00 min.

AVC-070-1987C1M **COMET RENDEZVOUS ASTEROID FLYBY** - PIO
4/20/87 - 9:00 min.

AVC-076-1987T1M **CRAF TRAJECTORY, COMET TEMPEL 2 ORBIT, AND SOLAR SYSTEM**
Doug Stetson
NOTE: Silent / Three different color mixes.
4/16/87 - 5:00 min.

AVC-078-1987T1M **IRAS - INFRARED ASTRONOMICAL SATELLITE**
Zaqueline Souras
Ch 1 Narration, Ch 2 Music
5/7/87 - 8:00 min.

AVC-080-1987T1M **EDITED VERSION OF RAW FOOTAGE, SHOT AT GOLDSTONE, OF THE SETI TRAILER AND SHUTTLE DISH**
NOTE: This was shot by Cory.
January 1987 - 30:00 min.

AVC-081-1987T1M **RAW FOOTAGE OF SETI TRAILER AND SHUTTLE DISH AT GOLDSTONE**
NOTE: Film-to-tape transfer
January 1987 - 32:00 min.

AVC-082-1987T1M **IRAS NEWS RELEASE - PIO**
NOTE: Transferred January 1987 - 8:00 min.

AVC-083-1987T1M **SPACE FLIGHT OPERATIONS FACILITY**
John Tullius
June 1987 - 6:30 min.
Ch 1 Narration, Ch 2 Music & Effects

AVC-087-1987C1M **MICROWAVE LIMB SOUNDER**
Tom Fraschetti
Ch 1 Narration, Ch 2 Music & Effects
6/5/87 - 3:00 min.

AVC-088-1987C1M **SPACE IMAGING RADAR PROGRAM AT JPL**
Diane Evans
Ch 1 Narration, Ch 2 Effects
6/5/87 - 5:00 min.

AVC-089-1987T1M **COMET RENDEZVOUS ASTEROID FLYBY**: **A Mariner Mark II Mission**
Jim Wilson
Ch. 1 Narration, Ch. 2 Effects
6/10/87 - 9:00 min.

AVC-093-1987C1M **X-MINUS 80 DAYS** - 1958
Old JPL - Stock footage of Dr. Pickering
(film-to-tape transfer)
6/25/87 - 22:00 min.

AVC-094-1987C1M **WINDS OF JUPITER**
NOTE: Film-to-tape transfer
June 1987 - 7:30 min.

AVC-096-1987C1M **SPACE SHUTTLE CHALLENGER ACCIDENT INVESTIGATION**
51-L documentation tape by the Rogers Commission.
A Technical Documentary
7/2/87 - 31:00 min.

AVC-097-1987T1M **X-MINUS 80 DAYS** 5/26/58
(film-to-tape transfer) 6/30/87
Ch 1 MOS, Ch 2 Mono len
20:52 min.

AVC-098-1987T1M **MARS BALLOON TEST**
(Recorded on January 22, 1987 at Dryden Research Center)
Jim Burke
6:50 min.

AVC-100-1987T1M **MIRANDA: A DYNAMIC VIEW**
JPL Computer Graphics Lab
7/15/87 - 6:00 min.

AVC-105-1987C1M **MIRANDA ROTATION PRESS RELEASE** - PIO
Silent - 8/7/87 - 2:30 min.

AVC-108-1987T1M **PROJECT GALILEO**: **"A JOVIAN ODYSSEY"**
Maynard Hine
9/4/87 - 4:00 min.
Channel 1 - Narration
Channel 2 - Music

AVC-109-1987C1M **LUNAR BRIDGEHEAD (Ranger 7)**
Documentary film (11/25/64) of the first successful Moon photography mission, Ranger 7, July 1964.
B&W..
Transferred to tape on 8/31/87
28.5 min.

AVC-115-1987TIM **Magellan: Exploration Of Venus** - Neil Nickle
Ch. 1 Narration
Ch. 2 Effects
10/2/87 - 4:00 Min.

AVC-116-1987CIM **Visit To The Jet Propulsion Laboratory by their Majesties**
King Juan Carlos I and Queen Sophia Of Spain
Raw Footage - Von Kármán Auditorium
9/30/87 - 18:33 Min.

AVC-116-1987C2M **S.F.O.F. -** 9:23 min. - Raw Footage

AVC-116-1987C3M **S.A.F. -** 20:00 min. - Raw Footage

AVC-117-1987T1M **"Project Galileo"** - Press Release
Narration Only Version
11/23/87 - 4:00 Min.

AVC-119-1987T1M **"Probing The Clouds Of Venus"**
NASA/AMES
9/22/87 - 22:00 Min

AVC-120-1987T1M **SFOF And IPL Stock Footage From Magellan Film**
Neal Nickle
Note: Sound on SFOF and IPL sections only.
9/15/87 - 29:00 min.

AVC-121-1987T1M **Magellan Animation**
Neal Nickle/Framework
Silent
9/22/87 - 6:00 Min

AVC-122-19871M **Ozone Press Conference from GSFC**
Part 1 of 2
9/30/87 - 60:00 min.

AVC-122-1987C2M Part 2 of 2 - 60:00 min.

AVC-009-1988T1M **MIRANDA THE MOVIE**
Made from a mosaic of 9 frames taken by Voyager of the
Uranian moon Miranda. General Audience
Kevin Hussey, Sec. 384
CHANNEL 1 - NARRATION; CHANNEL 2 - EFFECTS
11/13/87 - 2:00 Min.

AVC-010-1988T1M **MIRANDA THE MOVIE**

Scientific Audience
Kevin Hussey, Sec. 384
CHANNEL 1 - NARRATION; CHANNEL 2 - EFFECTS
11/13/87 - 3:50 min.

AVC-011-1988T1M **MIRANDA THE MOVIE**
Recorded 2 times - Raw Footage - Silent
Kevin Hussey, Sec. 384
11/13/87 - 2:00 Min.

AVC-013-1988T1M **ANTENNAS IN SPAIN**
Raw Footage Film-to-tape transfer
L.McKinley, Sec. 440/ J. Dawson, Sec. 642
Silent - 10/30/87 - 42:00 Min.

AVC-014-1988T1M **BEYOND THE CLOUDS**
NASA Goddard Research Center/ UAARS Project
Film-to-tape Transfer
10/30/87 - 11:35 Min.

AVC-015-1988T1M **SUPERNOVA**
J. Goldsmith, Sec. 363 / Computer Graphics Lab
Channel 1: Narration - Channel 2: Effects
11/20/87 - 5:15 Min.

AVC-016-1988T1M **HALLEY RENDEZVOUS ANIMATION**
Jim Blinn, Sec. 363
Silent
11/7/87 - 21:30 MIN.

AVC-024-1988T1M **SUPERNOVA ANIMATION**: Supernova Plates, Global Network; Supernova Expansion
By: Jeff Goldsmith, Computer Graphics Lab, Sec. 363
11/20/87 - Silent - 4:00 Min.

AVC-025-1988T1M **STAR FIELD**
By: Jeff Goldsmith, Computer Graphic Lab, Sec. 363
11/20/87 - Silent - 60:00 Min.

AVC-029-1988T1M **"DR. PICKERING INTERVIEW"**
Interviewer: Dr. Albert Hibbs
This interview was taped for The California Museum Of Science And Industry Archives.
10/26/87 - Part 1 of 3 - 53:00 Min.

AVC-029-1988T2M Part 2 of 3 - 45:00 Min.

Part 3 of 3 - 41:00 Min.
Client: Dr. Shirley Thomas

AVC-037-1988T1M **GOLDSTONE TO METER CONSTRUCTION**
Client: Lynda McKinley
This video shows time lapse segments of
constructing the 70 meter dish at Goldstone.
2/9/88 - 5:17 Min.

AVC-041-1988T1M **"VOYAGER MISSION HIGHLIGHTS"**
A video show of selected segments taken from
the Voyager Encounters.
Client: Dr. Lew Allen
Silent
2/26/88 - 5:00 Min.

AVC-046-1988C1M **NASA TELEROBOTIC RESEARCH DEMONSTRATION**
CLIENT: BRIAN WILCOX
CHANNEL 1 - NARRATION
CHANNEL 2 - EFFECTS
3/2/88 - 5:30 Min. GENERAL AUDIENCE

AVC-053-1988T1M **GALILEO ANIMATIONS**
Clients: D. Blakey and B. Asher

AVC-057-1988T1M **MAGELLAN: EXPLORING VENUS**
A film produced for JPL by an outside producer.
3/30/88 - 28:34 Min.

AVC-063-1988T1M **SPACE FLIGHT OPERATIONS FACILITY**
John Tullius
1988 Version
CHANNEL 1 - NARRATION
CHANNEL 2 - MUSIC AND EFFECTS
4/23/88 - 6:25 Min.

AVC -063-1988C1M **SPACE FLIGHT OPERATIONS FACILITY**

AVC-064-1988TEM **FORMATION OF VENUS PLASMA CLOUDS AND STREAMERS**
CLIENT : ROB WOLFF
4/88 - 3:00 Min.

AVC -064-1988T2M Part 2 - 4/88 - 12:00 Min.

AVC-071-1988T1M **SUPERNOVA**

JPL Computer Graphics Lab
CHANNEL 1 - NARRATION
CHANNEL 2 - EFFECTS
5/20/88 - 10:00 Min.

AVC-072-1988T1M **SIMULATION 87 - 1988 VERSION**
Jim Lathrop
CHANNEL 1 - NARRATION
CHANNEL 2 - EFFECTS

AVC -072-1988T1M 9/1/88 - 5:00 Min.

AVC -072-1988T1SM Sub-Master

AVC-073-1988C1M **SUPERNOVA SCIENCE BRIEFING**
6/2/88 - 60:00 Min. - Part 1 of 2

AVC -073-1988C2M 6/2/88 - 30:00 Min. - Part 2 of 2

AVC-080-1988C1M **LAUNCH OF RUSSIAN MARS PROBE TO PHOBOS**
7/7/88 - 13:00 Min.
Note: About first 6 minutes head clog

AVC-084-1988T1M **SEMIAUTONOMOUS MARS ROVER NAVIGATION**
Client: A. Mishkin
7/16/88 - 7:00 Min.

AVC-087-1988T1M **EARTH THE MOVIE**
Uses cloud data from satellites and topographical data from maps.
Client: Kevin Hussey
CHANNEL 1 - NARRATION
CHANNEL 2 - EFFECTS
8/16/88 - 6:10 Min.

AVC-096-1988T1M **JPL MISSIONS SAMPLER**
Client: Mary Beth Murrill
9/12/88 - 24:00 Min.

AVC-097-1988T1M **EARTH THE MOVIE**
Raw Stock (UNEDITED)
Client: Kevin Hussey
SILENT
8/16/88 - 15:00 MIN.

AVC-098-1988T1M **DIGITAL IMAGE ANIMATION LAB SAMPLER 1988**

Client: Betsy Asher
9/21/88 - 19:00 Min.

AVC-19100-1988T1M **MAGELLAN: EXPLORATION OF VENUS**
Client: Neil Nickle
10/2/87 - 4:00 Min.
MAGELLAN: EXPLORING VENUS

AVC -100-1988T1M (Short Version) 16:00 Min.
MAGELLAN: EXPLORING VENUS
(Long Version)
3/30/88 - 28:00 Min.

AVC-101-1988T1M **MAGELLAN: EXPLORING VENUS**
(Short Version) 16:00 Min.

AVC-102-1988T1M **THE FLIGHT OF STS-26 "RETURN TO SPACE"**
9/29/88 - 22:30 Min.
Includes: lift-off,TDRSS deployment and landing at Edwards Air Force Base

AVC-103-1988T1M **GALILEO PRESS RELEASE**
9/21/88 - 19:00 Min.

AVC-104-1988T1M **GOLDSTONE 70 METER, DSS 14 MARS SITE ANTENNA AND DSS 15 SMALL ANTENNA**
Stock Footage
Client: Jack Dawson
9/16/88 - 30:00 Min.

AVC-105-1988T1M **SPACE FLIGHT OPERATIONS FACILITY**
Walk-Thru
Client: Charles Koscielski
9/30/88 - 7:00
CHANNEL 1 - NARRATION
CHANNEL 2 - EFFECTS

AVC-110-1988C1M **GALILEO IN SPACE SIMULATOR**
Client: Jack Dawson
9/22/88 - 9:12 Min.
STOCK FOOTAGE

AVC-119-1988T1M **MARS RADAR OBSERVATIONS**
Silent Version
Client: Steve Ostro
10/17/88 - 2:30 Min.

AVC-120-1988T1M **MARS RADAR OBSERVATIONS**
Narrated Version
Client: Steve Ostro
10/31/88 - 3:15 Min.

AVC-126-1988TM **SUPERNOVA II**
Stills and Animations
Client: Jeff Goldsmith
5/20/88 - 26:00 Min.

AVC-134-1988C1M **STOCK FOOTAGE OF ENGINEERS & TECHNIQUES**
Client: Jurrie van der Woude
CH. 1 - FX
CH. 2 - MUSIC
12/9/88 - 3:00 Min.

AVC-138-1988T1M **MAGELLAN ANIMATION**
1988 Version
(See AVC-19121-1987T1M for 1987 Version)
Raw Stock
Client: N. Nickle
SILENT
1/7/88 - 3:30 Min.

AVC-002-1989T1D **VISIONS OF OTHER WORLDS**
BY: Lewis Research Center
6/7/84 - 28:00 Min.

AVC-003-1989T1M **CRAF-COMET RENDEZVOUS ASTEROID FLYBY**
T. Barber
1/9/89 - 1:00 Min.
CHANNEL 1 - NARRATION; CHANNEL 2 - EFFECTS

AVC-012-1989T1M **MARS THE MOVIE**
Computer generated movie taken from Viking Orbiter data.
Client: KEVIN HUSSEY/DIAL
Stereo Sound
1/30/89 - 5:30 Min.

AVC-013-1989T1SM **A COLLECTION OF THE MOVIES**
Computer generated animation made from still data sets taken from various spacecraft. The three-dimensional data was then computer processed to give the illusion of flying around the objects.

AVC-025-1987 **L.A. The Movie**
Taken from Landsat data of the Los Angeles, California area. The first experimental demonstration of the technology. (No narration)
12/19/86 - 3:00

AVC-009-1988 **Miranda The Movie**
Made from a mosaic of 9 frames taken by Voyager of the Uranian moon Miranda.
11/13/87 - 2:00

AVC-087-1988 **Earth The Movie**
Uses cloud data from satellites and topographical data from maps.
8/16/88 - 6:10

AVC-012-1989 **Mars The Movie**
Taken from Viking Orbiter data.
1/30/89 - 5:30
2/2/89 - 17:00 Min.

AVC-017-1989C1M **GALILEO PROBE PRE-SHIPMENT REVIEW**
48:00 Min.
THE MAKING OF THE GALILEO PROBE
7:00 Min.
GALILEO PROBE "READY TO GO"
4:00 Min.
January 1989
(From Ames and Hughes Research)

AVC-018-1989C1M **ARCTIC OZONE BRIEFING**
2/17/89 - 1 HR. & 7:00 Min.
ARCTIC OZONE EXPEDITION
5:00 Min.
ARCTIC OZONE EXPEDITION
"B" Roll Scenes
12:00 Min.
OZONE AS SEEN BY TOMS
50 seconds

AVC-019-1989T1M **THE JPL STORY**
A Tradition of Discovery
NOTE: Film-to-tape transfer
3/1/89 - 17:17 Min.

AVC-020-1989T1M **HUBBLE SPACE TELESCOPE**

Computer Animation
Produced By Computer Graphics Lab
Jeff Goldsmith
3/6/89 - 2:00 Min.

AVC-021-1989T1M **MAGELLAN PRE-LAUNCH CLIP**
Jim Doyle/Bob MacMillin
3/6/89 - 3:40 Min.
CHANNEL 1: NARRATION
CHANNEL 2: EFFECTS

AVC-022-1989C1M **MAGELLAN PREFLIGHT PRESS BRIEFING**
From Johnson Space Center
3/15/89 - 57:00 Min.

AVC-025-1989T1M **LIFE AND THE SOLAR SYSTEM: The CRAF and Cassini Missions**
The production uses animation and interviews with Dr. Tobias Owen from the State University, New York and Dr. Daniel Gautier from the Paris Observatory, Meudon, France, to describe the proposed missions. Both missions will use the new JPL Mariner Mark II class spacecraft and have landing probes. The CRAF (Comet Rendezvous and Flyby) mission will study comets. The Cassini mission will orbit Saturn and land a probe on Titan. Both 025-1989T1M are joint missions with NASA and ESA. The missions will fly during the mid 90's.
Client: George Alexander/Tom Barber
3/21/89 - 9:00 Min.
CHANNEL 1: NARRATION
CHANNEL 2: EFFECTS

AVC-025-1989T1SM SUB-MASTER

AVC-027-1989C1M **STS-30 MAGELLAN PRESS CONFERENCE**
From Johnson Space Center
John Gerpheide
3/27/89 - 1 HR. & 3:50 Min.

AVC-028-1989C1M **STS-30 FLIGHT CREW PRESS CONFERENCE**
3/27/89 - 34:30 Min.

AVC-029-1989C1M **MAGELLAN SCIENCE BRIEFING**
Steve Saunders
3/27/89 - 32:00 Min.

AVC-030-1989T1M **VEGA AND PHOBOS**
Soviet Space Missions
Steve Edburg
Footage From The U.S.S.R.
Audio On Channel 1
3/27/89 - 23:00 Min.

AVC-036-1989C1M **MAGELLAN PRESS CONFERENCE**
4/11/89 - 60:00 Min.
Tape 1 of 2

AVC-036-1989C2M 4/11/89 - 20:00 Min.
Tape 2 of 2

AVC-042-1989C1M **STS-30 PRELAUNCH BRIEFINGS - MAGELLAN**
Taped from KSC
4/27/89 - 90:00 Min.

AVC-045-1989T1M **VENUS GLOBE WITH MAGELLANS SWATH**
Rotating globe of Venus with Magellans swath, freeze
frames over areas of interest.
12:42 Min.

AVC-046-1989T1SM **MAGELLAN/STS-30 LAUNCH AND DEPLOYMENT**
Various shots of STS-30 Launch, JPLs SFOF,
Magellans Deployment, and Post-Deployment Press Conference
with J.H. Gerpheide
5/4/89 - 18:25 Min.

AVC-048-1989T1SM **VOYAGER'S ENCOUNTER WITH NEPTUNE**
(Computer Animation)
INCLUDES:
Diving Over Neptune To Meet Triton :45
Close Encounters With Neptune & Triton :55
Catching Triton In Its Retrograde Orbit :40
Viewing Neptune From Triton For 36 HRS. :55
View From Earth Of Voyager's Occulation :25
Encountering Neptune's Magnetopause :45
5/11/89 - 4:25 Min. AVC-051-1989T1M

AVC-051-1989 **VOYAGER II PRE-ENCOUNTER COMPILATION TAPE**
Various Highlights of Voyager II
Includes: LAUNCH
COMPUTER ANIMATION
NEWS BRIEFINGS

ACTUAL IMAGING
BLUE ROOM UPDATE
5/16/89 - 41:47 Min.

AVC-052-1989T1M **MAGELLAN/STS-30 LAUNCH AND DEPLOYMENT**
4:00 Minute Version
Various shots of Launch/Deployment Highlights with SFOF Footage
5/15/89 - 4:17 Min.

AVC-055-1989C1M **STS-30 POST FLIGHT CREW PRESS BRIEFING**
(Magellan Deployment)
5/18/89 - 59:00 Min.

AVC-063-1989T1M **GALILEO MISSION TO JUPITER FOR KSC PRESS CONFERENCE**
Client: Maynard Hine
5/31/89 - 2:40 Min.
CHANNEL 1 NARRATION; CHANNEL 2 EFFECTS

AVC-065-1989T1M **VOYAGER II'S ENCOUNTER WITH URANUS/NEPTUNE**
C1M - Client: Dr. Edward Stone
6/6/89 - 56:00 Min.
AUDIO MIXED

AVC-066-1989T1M **VOYAGER II NEPTUNE RAW IMAGES**
6/7/89 - 6/12/89
56:00 Min.
SILENT

AVC-067-1989T1M **VOYAGER II NEPTUNE RAW IMAGES**
6/19/89 - 36:00 Min.
SILENT

AVC-068-1989C1M **STS-30 MISSION HIGHLIGHTS RESOURCE TAPE**
5/18/89 - 58:30 Min.

AVC-069-1989T1M **RTG SAFETY TESTS**
6/21/89 - 11:20 Min.
Clips of Safety Testing done on RTGs at Los Alomos.
Includes stills of fuel capsules after testing.

AVC-071-1989T1M **VOYAGER II NEPTUNE RAW IMAGES**
6/27/89 - 90:00 Min.
SILENT

AVC-072-1989T1M **VOYAGER ENCOUNTER HIGHLIGHTS TAPE**
includes:
1. TRAJECTORIES, VOYAGER 1 & 2, 1:10, Silent
2. JUPITER FROM GANYMEDE - COMPUTER ANIMATION, 0:35, Silent
3. JUPITER COMPUTER ANIMATION, 2:00, Silent
4. JUPITER ROTATION MOVIE, 1:00, Silent
5. JUPITER ZOOM MOVIES, 0:20, Silent
6. JUPITER RED SPOT, VIOLET FILTER, 0:40 - Silent
7. JUPITER RED SPOT, BLUE FILTER, 0:40 - Silent
8. THE WINDS OF JUPITER, 1:00, Silent
9. PANS OF SATELLITE STILLS - JUPITER SYSTEM, 1:15, Silent
10. VOYAGER 2 SATURN ENCOUNTER COMPUTER, 4:40, Sound
11. VOYAGER 2 SATURN ZOOM MOVIE (VS-2-2)
1:00 - Silent
12. SATURN ROTATION MOVIE (VS-3), 1:25 - Silent
13. SATURN SPOKE/RING MOVIE, 1:00 - Silent
14. PANS OF SATELLITE STILLS - SATURN SYSTEM, 1:45 - Silent
15. URANUS ENCOUNTER ANIMATION, 4:00 - Silent
16. URANUS 8 FRAME ORANGE MOVIE, 0:20, Silent
17. MIRANDA, THE MOVIE, 1:30, Sound
18. PANS OF SATELLITE STILLS - URANUS SYSTEM, 1:15, Silent
19. VOYAGER ENCOUNTERS NEPTUNE (VU-4), 1:00, Silent
6/28/89 - 30:18 Min.

AVC-073-1989T1M **VOYAGER II NEPTUNE RAW IMAGES**
7/5/89 - 77:00 Min.
SILENT

AVC-074-1989T1M **VOYAGER II NEPTUNE RAW IMAGES**
7/11/89 - 25:00 Min.
SILENT

AVC-075-1989T1M **SATELLITES OF JUPITER, SATURN, AND URANUS**
11:02 - SILENT
One still and two pans of each satellite from the three planets.

AVC-077-1989T1M **FROM SPACE TO THE MOHO**
Client: Ron Blom
7/7/89 - 5:45 Min.
Channel 1 - Narration
Channel 2 - Music
Image processing of the desert mountain ranges of S.W. Arizona and S.E. California.

AVC-078-1989T1M **THE DSN STORY**

Tells the Deep Space Network story from 1958 to early 1970's.
Produced by the photo lab. Film to tape transfer.
7/10/89 - 21:11 Min.

AVC-079-1989T1M **NEPTUNE ROTATION MOVIE**
normal contrast and enhanced contrast versions
PIO - SILENT
7/14/89 - 1:40 Min.

AVC-081-1989T1M **VOYAGER II NEPTUNE RAW IMAGES**
7/18/89 - 43:00 Min.
SILENT

AVC-082-1989C1M **APOLLO 11 20th ANNIVERSARY CEREMONY**
National Air and Space Museum
Apollo 11 astronauts, Admiral Dick Truly, Vice Pres.
Dan Quayle, and Pres. Bush's commitment speech
7/20/89 - 43:00 Min.

AVC-083-1989T1M **VOYAGER/NEPTUNE PRE-ENCOUNTER TALK**
Dr. Edward Stone
6/6/89 - 45:00 Min.

AVC-083-1989T1SM SUB MASTER

AVC-084-1989C1M **GALILEO PRESS CONFERENCE**
FROM KSC
7/21/89 - 90:00 Min.

AVC-093-1989C1M **SOVIET'S PHOBOS ANIMATION**
3:00 Min.

AVC-094-1989T1M **VOYAGER II NEPTUNE RAW IMAGES**
8/1/89 - 39:00 Min.
SILENT

AVC-095-1989C1M **MARS ROVER SAMPLE RETURN MISSION**
4:45 Min.
Produced by Johnson Space Center

AVC-096-1989T1M **VOYAGER II NEPTUNE RAW IMAGES**
7/25/89 - 42:00 Min.
SILENT

AVC-097-1989C1M **VOYAGER PRESS CONFERENCE**
FROM HEADQUARTERS

Norm Haynes and Ed Stone
8/4/89 - 48:00 Min.

AVC-098-1989T1M **VOYAGER II NEPTUNE RAW IMAGES**
8/7/89 - 38:00 Min.

AVC-099-1989T1M **VOYAGER 2: NEPTUNE ENCOUNTER**
Narrated with music - Includes: Computer Graphics, Actual Images, and Stock Footage.
8/8/89 - 5:00 Min.
AUDIO CH. 1 - MUSIC ONLY
AUDIO CH. 2 - MIXED
RAW COMPUTER GRAPHICS FOLLOWS FILM - SILENT
9:00 Min.

AVC-105-1989T1M **GALILEO ACTIVITIES AT KSC**
8/15/89 - 6:46 Min.
Press Release For Conference at the Cape.
Maynard Hine

AVC-106-1989T1M **VOYAGER II NEPTUNE RAW IMAGES**
8/14/89 - 93:00 Min.
SILENT

AVC-107-1989T1M **VOYAGER 2: ENCOUNTERS NEPTUNE & TRITON**
(Computer Animation)
AUGUST 24,25 1989
Client: William Kosmann
CH. 1 - NARRATION
CH. 2 - EFFECTS
4:00 Min.
Produced by: Computer Graphics Lab and Voyager Mission Planning

AVC-107-1989T1SM SUB MASTER - AUDIO MIXED

AVC-108-1989T1M **VOYAGER NEPTUNE APPROACH MOVIE**
Public Information Office
JUNE 5 - AUGUST 11, 1989
3:30 Min.
AUDIO ON CH. 1 and 2

AVC-109-1989T1M **VOYAGER 2: NEPTUNE WEATHER MOVIES**
A South Polar view and equatorial view
Public Information Office
JUNE 5 - AUGUST 5, 1989

2:30 Min.
AUDIO CH. 1 and 2

AVC-110-1989T1M **GALILEO SCIENCE WRITERS' BRIEFING**
PUBLIC INFORMATION OFFICE
Presentors: Richard Spehalsky, Clayne Yeates, A. Earl Cherniack, John Givens, Neal Ausman
8/20/89 - 1 HR. & 34:00 Min.
TAPE 1 of 3

AVC-110-1989C2M 8/20/89 - 1 HR. & 34:00 Min.
TAPE 2 of 3

AVC-110-1989C3M 8/20/89 - 1 HR. & 35:00 Min.
TAPE 3 of 3

AVC-110-1989T2M **GALILEO SCIENCE WRITERS' BRIEFING**
PIO PRESENTORS: Torrence Johnson, Richard Young,
Clayne Yeates and Questions and Answers
8/20/89 - 65:00 Min.
TAPE 2 of 3

AVC-110-1989T3M **GALILEO SCIENCE WRITERS' BRIEFING**
PIO PRESENTORS IN END OF QUESTIONS & ANSWERS
8/20/89 - 32:00 Min.
TAPE 3 of 3

AVC-111-1989C1M **VOYAGER 2: NEPTUNE PRESS BRIEFING**
Welcome By: Dr. Allen
Presentors: Norman Haynes, Dr. Edward Stone, Dr. Bradford Smith, Dr. James Warwick
8/21/8
2 HRS.
TAPE 1 of 2

AVC-111-1989C2M 8/21/89 - 10:00 Min.
TAPE 2 of 2

AVC-112-1989T1M **BLUE ROOM UPDATE**
9AM - 2PM - Host: Al Hibbs
Guests: Lanny Miller, Norm Haynes
8/21/89 - 49:04 Min.
TAPE 1 of 2

AVC-112-1989T2M **BLUE ROOM UPDATE**
3PM - 5PM - Hosts: Donna Pivirotto & Al Hibbs

8/21/89 - 54:20 Min.
TAPE 2 of 2

AVC-113-1989T1M **VOYAGER 2: NEPTUNE PRESS BRIEFING**
Presentors: Dr. Edward STone, Dr. Bradford Smith
8/22/89 - 1 HR. & 23:00 Min.

AVC-114-1989T1M **BLUE ROOM UPDATE**
9AM - 1PM - Hosts: Willis Meeks, Jancis Martin, Al Hibbs
Guests: Lanny Miller, Lyle Broadfoot, Dale Crukshank
8/22/89 - 35:00 Min.
TAPE 1 of 2

AVC-114-1989T2M **BLUE ROOM UPDATE**
2PM - 4PM - Hosts: Al, Hibbs, Donna Pivirotto, Steve Wall
Guests: S.M. Krimgis, Doug Griffth
8/22/89 - 48:25 Min.
TAPE 2 of 2

AVC-115-1989T1M **VOYAGER 2: NEPTUNE PRESS BRIEFING**
Presentors: Norman Haynes, Dr. Edward Stone,
Dr. Bradford Smith
8/23/89 - 96:00 Min.
TAPE 1 of 2

AVC-115-1989T2M 8/23/89 - 7:00 Min.
TAPE 2 of 2

AVC-116-1989T1M **BLUE ROOM UPDATE**
9AM - 2PM - Host: Al Hibbs
Guests: Lanny Miller, William Farrell, Rex Ridenoure
8/23/89 - 36:40 Min.
TAPE 1 of 2

AVC-116-1989T2M **BLUE ROOM UPDATE**
3PM - 5PM - Hosts: Donna Pivirotto, Al Hibbs,
Izeller-Cureton Snead
Guests: Norman Haynes, Garry Hunt, Raymond Amorose
8/23/89 - 48:50 Min.
Tape 2 of 2

AVC-117-1989T1M **VOYAGER GLOBAL ROTATION MOVIE**
8/24/89 - 60 SEC.

AVC-118-1989T1M **VOYAGER 2: NEPTUNE PRESS BRIEFING**
Presenters: Dr. Edward Stone, Dr. Brad Smith

8/24/89 - 85:00 Min.
NO AUDIO

AVC-119-1989T1M **BLUE ROOM UPDATE**
9AM - 2PM - Hosts: Willis Meeks, Steve Wall
Guests: Lanny Miller, Larry Soderblom, Andrew Ingersoll
8/24/89 - 45:40 Min.
TAPE 1 of 2

AVC-119-1989T2M **BLUE ROOM UPDATE**
3PM - 5PM - Hosts: Donna Pivirotto, Steve Wall, Al Hibbs
Guests: Donald Gurnett, Bob Nelson, Reta Beebe
8/24/89 - 55:15 Min.
TAPE 2 of 2

AVC-120-1989T1M **BLUE ROOM UPDATE**
8PM - 9PM - Hosts: Steve Wall, Al Hibbs
Guests: Andy Ingersoll, Don Gray
8/24/89 - 41:00 Min.

AVC-121-1989T1M **BLUE ROOM UPDATE**
10PM - 11PM - Host: Rich Terrile
Guests: Jeff Cuzzi, Larry Soderblom, Torrence Johnson
8/24/89 - 54:00 Min.

AVC-122-1989T1M **BLUE ROOM UPDATE**
12PM - 1AM - Hosts: Rich Terrile, Steve Wall
Guests: Ed Stone, Don Gurnett/PWS,
Larry Soderblom
8/25/89 - 18:40 Min.

AVC-123-1989T1M **BLUE ROOM UPDATE**
2AM - 3AM - Host: Steve Wall
Guests: Bob Nelson, Hal Masursky
8/25/89 - 23:00 Min.

AVC-124-1989T1M **BLUE ROOM UPDATE**
5AM - 7AM - Hosts: Suzanne Dodd, Jancis Martin
Guests: Jay Holberg, Bill Kurth, Pat Liggett
8/25/89 - 46:00 Min.

AVC-125-1989T1M **VOYAGER 2: NEPTUNE VICE PRESIDENT QUAYLE ADDRESSES JPL AND PRESS**
8/25/89 - 53:00 Min.

AVC-126-1989T1M **VOYAGER 2: NEPTUNE PRESS BRIEFING**

Presenters: Dr. Edward Stone, Dr. Lawrence Soderblom, Dr. Donald Gurnett, Dr. Norman Ness, Dr. Ralph McNutt
8/25/89 - 1 HR. & 33:00 Min.
TAPE 1 of 2

AVC-126-1989T2M 8/25/89 - 9:14 Min.
TAPE 2 of 2

AVC-127-1989T1M **BLUE ROOM UPDATE**
12 NOON - 2PM Host: Al Hibbs
Guests: Frances Bagenal, Bob Strom, Alexander Bazelevsky, Andy Ingersoll
8/25/89 - 49:00 Min.

AVC-128-1989T1M **BLUE ROOM UPDATE**
2PM - 3PM - Hosts: Al Hibbs, Donna Pivirotto
Guests: Alexander Bazelevsky, Andy Ingersoll, Lonnie Lane, Andre Brahic
8/25/89 - 45:00 Min.

AVC-129-1989T1M **BLUE ROOM UPDATE**
4PM - 5PM - Hosts: Izeller Cureton-Snead, Al Hibbs
Guests: Norm Haynes, Ed Stone
8/25/89 - 18:00 Min.

AVC-130-1989T1M **VOYAGER 2: NEPTUNE PRESS BRIEFING**
Presenters: Dr. Ed Stone, Dr. Bill Sandel, Dr. John Belcher, Dr. Tom Kimigis, DR. Arthur Lane
8/26/89 - 90:00 Min.
TAPE 1 of 2

AVC-130-1989T2M 8/26/89 - 43:00 Min.
TAPE 2 of 2

AVC-131-1989T1M **BLUE ROOM UPDATE**
9AM - 12 NOON - Hosts: Al Hibbs, Jancis Martin
Guests: Lanny Miller, Kate Robinett, & Patrick Moore
8/26/89 - 25:00 Min.

AVC-132-1989T1M **VOYAGER 2: NEPTUNE PRESS BRIEFING**
1PM - Presenters: Dr. Lennard Fisk, Dr. Allen
8/26/89 - 58:00 Min.

AVC-133-1989T1M **VOYAGER 2: NEPTUNE ENCOUNTER CNN AT LIVE**
8/26/89 - 60:00 Min.

AVC-134-1989T1M **BLUE ROOM UPDATE**
3PM - 4PM - Host: Donna Pivirotto
Guest: Lyle Broadfoot
8/26/89 - 36:00 Min.

AVC-135-1989T1M **VOYAGER 2: NEPTUNE PRESS BRIEFING**
10AM - Presenters: Norm Haynes, Dr. Edward Stone, Dr. Donald J. Gurnett, Dr. Norman F. Ness, Dr. James W. Warwick, Dr. Robert West, Dr. Barney Conrath, Dr. Andrew
8/27/89 - 90:00 Min.
TAPE 1 of 2

AVC-135-1989T2M 8/27/89 - 41:00 Min.
TAPE 2 of 2

AVC-136-1989T1M **BLUE ROOM UPDATE**
9AM - 2PM - Hosts: Donna Pivirotto, Jancis Martin, Al Hibbs
Guests: Norm Ness, Charles Kohlhase
8/27/89 - 50:55 Min.

AVC-137-1989T1M **BLUE ROOM UPDATE**
3PM - 4PM - Hosts: Al Hibbs, Steve Wall
Guest: Ralph McNutt
8/27/89 - 23:15 Min.

AVC-139-1989T1M **VOYAGER 2: NEPTUNE PRESS BRIEFING**
Presenters: Dr. Edward Stone, Dr. Roger Yelle, Dr. Andy Chen, Dr. Ralph McNutt, Dr. Carolyn Porco, Dr. Jim Pollock, Dr. Torrence Johnson
8/28/89 - 94:00 Min.
TAPE 1 of 3

AVC-139-1989T2M 8/28/89 - 60:00 Min.
TAPE 2 of 3

AVC-139-1989T3M 8/28/89 - 36:00 Min.
TAPE 3 of 3

AVC-140-1989T1M **BLUE ROOM UPDATE**
9AM - 2PM - Hosts: Willis Meeks, Al Hibbs
Guests: Lanny Miller, Torrence Johnson, Toby Owen
8/28/89 - 38:00 Min.

AVC-141-1989T1M **BLUE ROOM UPDATE**
3PM - 4PM - Hosts: Donna Pivirotto, Steve Wall
Guests: Len Tyler, Louis Lanzerotti

8/28/89 - 45:00 Min.

AVC-142-1989T1M **FLIGHT OVER TRITON**
T1SM - Client: Larry Soderblom
IMAGE PROCESSING LAB
8/29/89 - 33 SEC.
MOS

AVC-143-1989T1M **VOYAGER NEPTUNE ATMOSPHERE**
Features: Andy Ingersoll
8/29/89 - 1:40 Min.
MOS

AVC-143-1989T1SM SUB MASTER

AVC-144-1989T1M **VOYAGER 2: NEPTUNE PRESS BRIEFING**
Presenters: Bob Mac Millin, Norm Haynes, Norm Ness, Barry Mauk, Don Gurnett, Dr. Larry Esposito, Dr. Lennard Tyler, Dr. Andrew Ingersoll, Larry Soderblom, Ed Stone,
Dr. Bradford Smith
8/29/89 - 90:00 mIN.
TAPE 1 of 2

AVC-144-1989T2M 8/29/89 - 60:00 Min.
TAPE 2 of 2

AVC-145-1989T1M **BLUE ROOM UPDATE**
9AM & 1PM - Host: Al Hibbs
Guest: Norm Haynes, Lanny Miller, Ed Stone
8/29/89 - 35:00 Min.

AVC-146-1989T1M **GALILEO CAPE ACTIVITY**
8/15/89 - 42:00 Min.

AVC-147-1989T1M **DSN GOLDSTONE RECONSTRUCTION TIME LAPSE**
Film to tape transfer
2/3/88 - 23:41 Min.

AVC-148-1989T1M **VOYAGER: THE NEPTUNE ENCOUNTER**
(For Congressional Review)
Dr. Edward Stone
9/4/89 - 4:00 Min.

AVC-149-1989T1M **STS-34 MISSION OVERVIEW**
Press Conference - JSC
9/5/89 - 40:00 Min.

AVC-150-1989C1M **GALILEO SCIENCE BRIEFING**
JSC
9/5/89 - 60:00 Min.
Tape 1 of 2

AVC-150-1989C2M **GALILEO SCIENCE BRIEFING**
JSC
9/5/89 - 30:00 Min.
Tape 2 of 2

AVC-151-1989C1M **NEPTUNE ENCOUNTER HIGHLIGHTS**
21 segments consisting of computer animation (C.A.) and animation made from real (Real) Voyager Neptune encounter data, for use as a resource tape.

1. Viewing Neptune from Triton (C.A.) - 0:59
2. Diving Over Neptune to meet Triton (C.A.) - 0:46
3. Catching Triton in its Retrograde Orbit (C.A.) - 0:42
4. Encountering Neptune's Magnetopause (C.A.) - 0:59
5. Close Encounters with Neptune and Triton (C.A.) - 0:56
6. View from Earth of Voyager's Occultation (C.A.) - 0:27
7. Encounters Neptune and Triton (C.A.) - 4:34
8. Nodding Image Motion (C.A.) - 0:58
9. Voyager Rotation Movie (Real) - 1:29
10. Voyager Approach Movie (Real) - 3:16
11. Neptune Weather Movie (Real) - 2:26
12. Neptune Global Rotation Movie (Real) - 1:15
13. Real Time Images Sample (Real) - 3:30
14. Voyager at Triton (Real) - 0:48
15. Neptune's Rings (Real) - 0:42
16. Neptune's Atmospheric Features (Real) - 1:41
17. Neptune's Atmosphere in Motion (Real) - 1:44
18. The Great Dark Spot (Real) - 1:03
19. Flight over Triton Movie (Real) - 0:43
20. A Farewell (Real) - 1:20
21. Triton's Active Plumes (Real) [AVC-1990-024] - 3:30

9/10/89, revised 11/28/89 - 32:38

AVC-154-1989T1M **VOYAGER LAST PICTURE SHOW**
An overview of the Neptune Encounter blending computer animation, actual photos, data, and music.
Client: Phil Neuhauser
9/18/89 - 5:30 Min.
Ch.1 - Voyager Music - Ch. 2 - Neptune Music

AVC-158-1989T1M **JPL COMPUTER ANIMATIONS**

"Winds Of Jupiter"
"Pioneer II Saturn Encounter"
"Voyager At Uranus"
SEPT. 1989 - 20:00 Min.

1990

AVC-1990-002-T1M **Global Rotation Movie**
Raw Stock of a computer-generated movie using Neptune data.
Clients: Andy Ingersoll and Eric De Jong
8/24/89 - 1:16
Silent

AVC-1990-003-T1M **Voyager Neptune Approach Movie**
Raw Stock For AVC-19117-1989
June 5 - August 11, 1989
Narrow Angle Camera, Orange Filter
Client: Andy Ingersoll, Eric De Jong
8:26 - Silent

AVC-1990-007-T1M **Galileo, the Jovian Laboratory**
Pre-launch mission description.
Client: Maynard Hine (Savona)
Ch.1: Narration; Ch.2: Effects
10/7/89 - 6:00

AVC-1990-007-T1SM **Raw Footage of the Galileo Animation Follows**
the 10/10/89 Press Briefing.
10/10/89 - 6:30
Audio Mixed

AVC-1990-008-C1M **Galileo/IUS Press Briefing & Galileo Probe Press Briefing**
(Pre-launch)
From KSC - Recorded-off NASA select
10/10/89 - Part 1 1:00:00 & Part 2 40:00

AVC-1990-010-T1M **Jupiter's Great Red Spot as a Shallow Water System**
Cornell University computer graphics model.
Client: Dr. Edward Stone
8/18/89 - 5:00 - Silent

AVC-1990-011-T1M **Eye's on Venus**
A Martin Marietta production of a
Venus tutorial made for general audiences
Procured by Carolynn Young

10/17/89 - 28:40

AVC-1990-013-T1M **Magellan: Elevation & Deployment**
Edited live action footage of Magellan elevation and deployment from the Shuttle (Atlantis).
Client: Carolynn Young
5/4/89 - 9:30 - Silent

AVC-1990-014-T1M **Galileo Launch and Deployment**
Edited from NASA Select
10/18/89 - 6:25

AVC-1990-017-T1M **Voyager: National Air & Space Museum**
A recap of Voyager's travels to the outer planets using excerpts out of previous tapes. Use instead AVC-1994-091
Client: George Alexander
10/10/89 - 4:30 - Channel 1: Effects; Channel 2: Music

AVC-1990-020-C1M **Archive Of Video Disc stills From '79 to '81**
Voyager 1 & 2 - Jupiter & Saturn
Tape 1 of 2 - 96:00

AVC-1990-020-C2M Tape 2 of 2 - 28:00

AVC-1990-021-C1M **Cosmic Background Explorer Press Conference (COBE)**
Client: PIO/Frank O'Donnell (Inova)
11/14/89 - 1 HR. & 5:00

AVC-1990-023T1M **Telerobotic Control From 3000 Miles**
Client: B. Bon/B. Hansen (Inova)
11/15/89 - 7:00 - LONG VERSION
Channel 1 - Narration; - Channel 2 - Music

AVC-1990-024T1M **Voyager II: Triton's Active Plumes**
11/21/89 - 3:40 (Lawson)
Silent

AVC-1990-025T1M **COBE**
9/29/89 - 12:56
Ch.1: Full Mix
Ch.2: Music Effects & Actualities

AVC-1990-026T1M **The Hubble Space Telescope**
Pre-launch story of the Hubble Space Telescope. Produced

by BDM International for NASA Hq. Astrophysics Division
5/89 - 27:16

AVC-1990-027C1M **STS-34 Mission Highlights Resource Tape**
11/28/89 - 90:00
Tape 1 of 2
Audio Channel 2

AVC-1990-027C2M 11/28/89 - 90:00
Tape 2 of 2

AVC-1990-030C1M **STS-34 Post Flight Press Conference**
OCT. 1989 - 15:00

AVC-1990-034C1M **The Martian Investigators**
Film-to-tape transfer of 1969 film JPL 900 (HQ-195).
Documentary of the Mariner 6 and 7 July and August, 1969 flyby Mission to Mars. Features the team of scientists who planned and built the experiments.
28:00

AVC-1990-038C1M **STS-34 Mission Highlights Resource Tape**
11/13/89 - 53:21
Tape 1 of 2

AVC-1990-038C2M **11/13/89** - 46:00
Tape 2 of 2
These tapes were produced at Johnson Space Center

AVC-1990-040C1M **Charters In Aerospace History with Dr. Lew Allen**
Lew Allen Interviewed by Dr. Al Hibbs
12/5/89 - 1:12:15 (Lawson)

AVC-1990-044T1M **Robotic Control From 3000 Miles**
Short Version. Demonstrates remote control of a manipulator from KSC to JPL.
Client: Giulio Varsi/Bon Hansen (Inova)
Channel 1 - Narration; Channel 2 - Effects
12/15/89 - 4:30

AVC-1990-045T1M **STS-31**
Cleaning of VPF for Hubble Space Telescope
6/21/89 - 8:00
Part 1 of 8

AVC-1990-045T2M **VPE Airlock Adapter**
Hubble Space Telescope
7/11/89 - 3:00
Part 2 of 8

AVC-1990-045T3M **Hubble Space Telescope in the VPF**
10/8/89 - 3:00
Part 3 of 8

AVC-1990-045T4M **Hubble Space Telescope - Lift to Vertical**
10/9/89 - 9:00
Part 4 of 8

AVC-1990-045T5M **Hubble Space Telescope - Lift to Work Platform**
10/10/89 - 17:30
Part 5 of 8

AVC-1990-045T6M **Hubble Space Telescope - Protective Cover**
Installation
10/12/89 - 13:00
Part 6 of 8

AVC-1990-045T7M **Hubble Space Telescope**
Widefield Planetary Camera Installation
12/20/89 - 8:30
Part 7 of 8

AVC-1990-045T8M **Hubble Space Telescope**
Widefield Planetary Camera in Hanger "S"
12/11/89 - 65:00
Part 8 of 8

AVC-1990-046C1M **STS-31**
Hubble Space Telescope
Widefield Planetary Camera Install Hangers
12/20/89 - 12:50

AVC-1990-047C1M **STS-31**
Hubble Space Telescope
Compiled Field Footage
6/21/89 - 53:00
Part 1 of 2

AVC-1990-047C2M 6/21/89 - 12:20
Part 2 of 2

AVC-1990-049C1M **History of Robotics, Science Fiction and Science Fact**
A talk on Robotic History. Includes Film Clips and Slides
Client: Dr. L.S. Coles (Lawson) - Part 1 of 2
1/18/90 - 93:40

AVC-1990-049C2M Part 2 of 2
1/18/90 - 9:31

AVC-1990-055T1M **Exploring The Planets**
Film-to-tape transfer
1/17/90 - 11:30
Channels 1 & 2 MONO

AVC-1990-061T1M **To The Planets From The Space Station**
A narrated production consisting mostly of cell animation and some computer trajectories. The production contrasts three different launch options from the Space Station.
Audience: Managers and funding sources.
2/1/90 - 5:00
Ch.1: Narration
Ch.2: Effects

AVC-1990-063C1M **Galileo Venus Flyby Press Release**
(Updated Version)
2/9/90 - 4:00

AVC-1990-057C1M **The Log of Mariner Four**
Film to tape transfer of the Dec. 1965 film on the story of Mariner IV's flight to Mars.
Jan. 1990 - 28:00

AVC-1990-065C1M **Galileo Venus Flyby Press Briefing**
2/10/90 - 58:00

AVC-1990-067C1M **The Soviet's Mars Rover Sampler Return**
11/8/88 - 9:00
"Phobos"
5:00
NOTE: Dubbed from VHS tape from the Soviet Union.
Audio Mixed

AVC-1990-070C1M **Voyager 1 Saturn Encounter** - 5:00
Voyager 1 Saturn Ring Rotation - 1:00

AVC-1990-071C1M **Uranus and Satellites Rotation Movie** - 4:00

	Voyager at Uranus - 9:00 **Uranian Moon Rotation** - 1:00 **Voyager II Encounters Uranus and Neptune** - 7:00 **8 Frame Orange Movie** - 5:00
AVC-1990-072C1M	**Voyager 1 Saturn Encounter 1980** - 6:10 **Voyager 1 Saturn Rotation & Ring** - 1:15 **Voyager 1 Saturn Computer Simulation** - 4:40
AVC-1990-073C1M	**Jupiter Color Rotation and Zoom** - 6:00 **Jupiter B & W Rotation and Zoom** - 11:00 **Voyager 1 Animation** - 11:00 **Mission 2 Excerpt Images** - 21:00
AVC-1990-074C1M	**Voyager Encounters: Jupiter, Saturn, Uranus and Neptune** 14:00
AVC-1990-075C1M	**Voyager 2 Saturn Ring Movie #1** - 4:00 **Voyager 2 Saturn Ring Movie #2** - 2:00
AVC-1990-076C1M	**Voyager 1 Encounter** - 3:00 Min **Voyager 1 Approach to Jupiter** - 2:00 . **Voyager 1 Jupiter Rotation** - 6:00 **Voyager 1 Jupiter Approach (Blue Filter)** - 3:00
AVC-1990-076C2M	**Voyager 1 Saturn (Narrated)** - 12:00 **MIMAS** - 42 Seconds **Voyager 1 Encounter Saturn (Narrated)** - 5:00
AVC-1990-077C1M	**Voyager Encounter Uranus** - 5:00 **Voyager Neptune Encounter VU-2** - 12/5/85 - 75 seconds
AVC-1990-079C1M	**Voyager II Encounters Uranus** 7:00 (Jim Blinn Animation Revised)
AVC-1990-080T1M	**Chapters in Aerospace History with Mr. Dale Myers** Interviewed by Dr. Al Hibbs Client: Museum of Science and Industry archives. 3/6/90 - 1:30:00
AVC-1990-083T1M	**Global Change Dynamics** Client: Sam Benedict Channel 1 - Narration

Channel 2 - Music
An edited production showing computer simulated data of the Earth's atmosphere.
3/4/90 - 7:35

AVC-1990-083A **Global Change Dynamics (revised)**
Client: M. Chahine
Added new images and music
6/6/90 - 8:35

AVC-1990-085T1M **Voyager and Galileo Animation**
1st Segment Shows Voyager Spacecraft Crossing Starfield;
2nd Segment depicts Galileo's Earth-Venus-Earth trajectory and gravity assists from Venus.
3/7/90 - 4:00
Silent

AVC-1990-086T1M **Galileo Press Footage**
Bob Mac Millin
A non-narrated videotape assembled for the Venus Flyby Press Briefing on February 10, 1990
Audio mixed
2/12/90 - 3:00

AVC-1990-090C1M **Voyager**
Tour tape with Al Hibbs explaining how a picture comes back from space.
1980 - 19:00

AVC-1990-091C1M **8 Frame Orange Movie**
Brad Smith
1/86 - 5:00
High Pass Filtered

AVC-1990-095T1M **Voyager: The Grand Tour**
Produced by Martin Marrietta. Ken Colby Animation or interactive pictures from Voyager 1 and 2 missions with sound bytes from Dr. Ed Stone, Andy Ingersoll and sounds of earth.
Takes us through Voyager mission from launch and gives a description of what was found at each planet
starting at Jupiter going through Saturn, Uranus, Neptune and into future missions.
3/29/90 - 17:51 min.

AVC-1990-097T1M **Historical Voyager Footage with Gold Record**

Installation
Film-to-tape transfer
1978 - 16:00

AVC-1990-099T1M **Magellan Launch & Deployment at SFOF**
Highlights of SFOF action during STS-30. Includes launch and deployment footage.
7:20

AVC-1990-102T1M **Mars Trajectory Graph Animation**
Raw Stock
Paul Henry
Jan. 1990 - 1:00
Ch.1: Narration; Ch.2: Effects

AVC-1990-103T1M **EOS-SAR Computer Animation Segments**
Raw Stock
JPL Computer Graphics Lab
4/24/90 - 8:00
Silent

AVC-1990-104T1M **Excerpts from JPL AV Productions**
1. To The Planets
2. Life and The Solar System
3. Cosmic Worms
4. Galileo: The Jovian Laboratory
5. Voyager: National Air & Space Museum
6. Neptune Encounter
Feb. 1990 - 20:00
Audio Mixed

AVC-1990-105T1M **Insight to Global Change: The EOS-SAR Mission**
A polished production explaining the value of JPL's unique technology, Synthetic Aperture Radar (SAR) as a vital part of NASA's global research program. Includes an explanation of global warming, experimentation with the SAR in the rain forests of Belize and monitoring of the polar ice flows.
5/1/90 (Revised 6/30/90) - 8:30
Ch.1: Narration; Ch.2: Effects

AVC-1990-106C1M **STS-32 Video News Release**
Long Duration Exposure Facility (LDEF) is coming home
Protein Crystal Growth
12/6/89 - 4:15
Produced by Marshall Space Flight Center

AVC-1990-107C1M **STS-32 Mission**
"Long Duration Exposure Facility"
Nov. 1989 - 4:00
Produced by Langley Research Center

AVC-1990-108C1M **STS-32 Mission**
"Long Duration Exposure Facility"
Retrieval Animation
Nov. 1989 - 4:00

AVC-1990-109T1M **Chapters in Aerospace History with Prof. Hermann Oberth**
Edited a videotape shoot by the Museum of Science and Industry. English translation by Dr. Al Hibbs. The late Prof.
Hermann Oberth's interview on his 95th birthday
Audio: German interview - Channel 2
English translation - Channel 1
5/4/90 - 19:04

AVC-1990-116C1M **First Light Press Briefing**
Hubble Space Telescope
5/10/90 - 1:00:00
Tape 1 of 2

AVC-19116C2M 5/10/90 - 1:17:00
Tape 2 of 2

AVC-1990-121T1M **STS-31 Post Flight Press Conference**
Hubble Space Telescope - JSC
6/6/90 - 22:00

AVC-1990-122C1M **Voyager Science Summary Tape**
Developed by Solar System Visualization Program for a press conference on June 6, 1990, presented by Dr. Edward Stone. includes:
VOYAGER - A RETROSPECTIVE, 4:23 (Stand-alone production with narration) This production was produced to depict the success of the Voyager spacecrafts as demonstrated by the data that was beamed back from the most distant corners of our solar system. From Voyager 1's vantage point a rare opportunity was seized, as the spacecraft photographed our solar system.
The following segments are recent manipulations of Voyager data (music only):

THE SOLAR SYSTEM, 2:47
VOYAGER 1 AND 2 OUTER PLANET
ATMOSPHERES, 3:26
SHALLOW WATER MODEL, 1:15
NEPTUNE'S ATMOSPHERE, 1:50
NEPTUNE KIDA VORTEX MODEL, 0:53
NEPTUNE'S CRESCENT, 2:00
MAGNETIC FIELD OF JUPITER, 0:29
MAGNETIC FIELD OF URANUS, 0:53
EARTH'S MOON, 1:14
GANYMEDE, 0:42
ENCHILADAS, 0:36
TRITON, 1:11
IO, 1:23
THE SOLAR SYSTEM, 2:47
6/6/90 - 28:21

AVC-1990-123C1M **Voyager Missions: Solar System Image and New Findings Press Conference**
Press conference from NASA HQ on latest analysis of Voyager data, including the "Family Portrait" (VPLANET) mosaic of the Solar System. The data was presented by Dr. Ed Stone, Voyager Project Scientist, and comments by Dr. Carl Sagan.
Included segments from AVC-1990-122.
Produced at NASA HQ.
Animations developed by Solar System Visualization Program
6/6/90 - 1:30:00

AVC-1990-126T1M **Space Telescope Science Institute Computer Animation**
Computer animated visualization of space telescope and other cosmic phenomena. Produced by The Astronomy Visualization Laboratory of The Space Telescope Science Institute.

AVC-1990-128-1/28 **Voyager Film Rawstock Footage - Jupiter #1 + Viking, Surveyor, Pioneer**
Film to tape transfer
NO AUDIO
1. Various shots of Mission Control room at Jupiter encounter.
2. Meeting with 8 men. Voyager model on desk.
3. Shots of signals from Voyager printed on paper.
4. @ 4:25: more shots of Mission Control room, "Command

Operator."
5. Office with the model of Voyager and a film crew; Bob Parks on phone @ 6:40.
6. Three men (Murrary, Westmoreland, other) holding a conversation, panning to a wide shot of room.
7. Woman looking at monitors; other control room shots.
8. Viking Mars landing celebration (Fletcher on phone, Jim Martin, champagne toast by many men).
9. Voyager spacecraft assembly in clean room @ 5:30.
10. Animation of Io and Jupiter.
11. Various shots of Surveyor and shots of itself digging on the lunar surface.
12. Two shots of Pioneer 3 spacecraft.
13. Voyager spacecraft being lowered into test position in clean room; mounting high gain antenna @ 20:30.
14. Animation of the solar system and of Jupiter and Voyager.
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster:
Audio 1: Silent 2: Silent
(old designation- Hour 1)
03/12/1990 - 0:22:00 Producer:

AVC-1990-128-2/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #1**
Film to tape transfer
1. Shot of Photolab with an explanation of the black & white and color photos that are made there.
2. Close-up of Dick Laeser watching incoming data on a monitor; with Charlie Kohlhase.
3. Shots in a conference room. Man speaking on the scan platform problems after Saturn encounter.
4. Close-up of Ed Stone asking a question; also Brad Smith, L. Lane.
5. Shots in the Press room.
6. Shots during a press conference on Enceladus in AudioVisual booth, post-Saturn encounter.
7. Shots of a meeting in progress, with Charles Kohlhase: sticking scan platform
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 1)
03/12/1990 - 0:29:06 Producer:

AVC-1990-128-3/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #2**
Film to tape transfer

1. Various shots of press conference with P.I.'s and the open forum in von Kármán Auditorium w/100 people about Jupiter atmosphere. Loses sound in middle, comes back.
2. Driving shots up Oak Grove to JPL and turning at visitors' parking lot.
3. People getting off bus and arriving for encounter.
4. Different shots of the open house for Voyager 2 at Saturn encounter.
5. Meeting in a conference room concerning images, Stone et al. No sound
6. Shot of press conference, zoom on Carl Sagan on floor; no sound @ 22:12.
7. Montage of quick clips of meetings, press conferences, @ :55; no sound.
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 1:30)
03/09/1990 - 0:27:51 Producer:

AVC-1990-128-4/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #3**
Film to tape transfer
1. Shots at control room. No sound.
2. Small meeting. No sound.
3. Shots of Blue Room with Al Hibbs and a man. No sound.
4. Meeting in a glass conference room. No sound.
5. Shots of three men in a room comparing data. No sound.
6. Various shots of Voyager control room, close-ups, two shots zoom outs, monitors.
7. Shots of Radio Science area with people at . 8. Various shots of press conference about Hailey's Mission with J. Beggs, Murray, Stofen; Julies Bergman asks a question. (Shows Gregoire and Borst, the latter @ 22:54) No sound in beginning.
9. Shots outside SFOF for visit of Ed Meese, and his departure. Also shows Terhune and Murray
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster: DVCPro
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 2:00)
03/09/1990 - 0:29:00 Producer:

AVC-1990-128-5/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #4**
Film to tape transfer
1. Office with people (Lane) looking at monitor for star occultation: loud cheering; good shots.. (Borst @ 6:27)

2. Control room at 264, Radio Science control, three guys [also in T4 film]. No sound.
3. Cake cutting for PPS ["Positively Phantastic Science"] ; Lane Shows a black-frosted sheet cake with one lit candle that shines through the rings of a model Saturn mounted on the cake's surface: celebrates star-ring occultation. At beginning: no sound..
4. Meeting with Brad Smith.
5. An artist explaining his metaphor drawings for Voyager facts. End: no sound.
6. Mr. Beggs on tour; a woman explaining to him star imaging, with various close ups, with "Stofen," Parks. Laeser..
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 2:30)
03/12/1990 - 0:25:51 Producer:

AVC-1990-128-6/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #5**
Film to tape transfer
1. Science meeting in 264 studying pictures of rings. No sound. With Lane Masurgsky, Stone.
2. Three men analyzing data.
3. Different shots of the imaging room. 3 men viewing b & w pictures on a small monitor.
4. Press conference with Dick Laeser talking about scan platform problem. Briefly loses sound in middle.
5. Photolab frolics: Deitz et al preparing press kit packages.
6. More shots of the press conference. No sound.
7. Meeting in a glass room. Speaking about slew data.
8. Various shots of the mission control room. @ 26:30 man says "We're having trouble sending up a command."
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster: DVCPro
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 3:00)
03/12/1990 - 0:27:00 Producer:

AVC-1990-128-7/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #6**
Film to tape transfer
1. Computer room, different shots, close up of plotter and printers; two men looking at data and ring analysis.
2. Photo meeting with Brad Smith, J. Van der Woude et al: discussing releasing images.

3. Science meeting with Dick Laeser.
4. Science meeting, with Viewgraphs and Dick Laeser; various shots.
5. Shots of Radio Science operations. Men looking at small monitors.
6. Some close up shots.
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster: DVCPro
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 3:30)
03/09/1990 - 0:29:43 Producer:

AVC-1990-128-8/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #7**
Film to tape transfer
1. Shots of Radio Science operations [as seen in part 7]. Nice overhead shot.
2. Press conference with Ed Stone talking about Saturn's rings. Brad Smith at the end of it.
3. Shots of the camera crews at the press conference. No sound.
4. Science meeting, man showing Viewgraphs on the atmospheric activity on Saturn. Medium shots of Ed Stone.
5. Picture meeting with Brad Smith, Torrence Johnson, Van der Woude. Discusses what images to release. Loses sound at end.
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 4:00)
03/16/1990 - 0:29:30 Producer:

AVC-1990-128-9/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #8**
Film to tape transfer
1. Picture meeting continued from part 6. no sound, short.
2. Science meeting talking about F ring. Ed Stone asking questions; L. Lane.
3. Meeting in glass room in 264.checking on status of the spacecraft. Lost sound at end. Repeated sound in part.
4. Shots of press conference. Rich Terrile speaks about the E ring. No sound in the beginning. Lost sound at end.
5. Shots of navigation area. People talking, shots of monitor screens, etc. No sound. "Navi-Gators" logo on wall.
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 4:30)

03/16/1990 - 0:30:00 Producer:

AVC-1990-128-10/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #9**
Film to tape transfer
1. Man at data phone. No sound.
2. Science meeting. Man showing viewgraphs. No sound.
3. Shots in an office building. Costume pinned to wall labeled "Dearth Falcur: Ghost of FSMan 2".
4. Close up of woman at console. No sound.
5. Various shots of people in 264 mission control, three men at a console. No sound.
6. Small model of Voyager in a room. No sound.
7. More shots of people at consoles in: the 3 Radio Science guys.
Site: JPL Audience: Resource
Master: 1"C Stored: Archive Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 5:00)
03/16/1990 - 0:26:03 Producer:

AVC-1990-128-11/28 **Voyager Film Rawstock Footage - Voyager 2/Uranus tape #1**
Film to tape transfer
1. Various shots of people, of charts and monitors from 264 third floor. Tour of offices. No sound.
2. Science meeting with Ed Stone and close ups of the other men in the room, e.g. E. Miner, L. Lane. No sound.
3. Various shots of 16 men getting ready for a group picture outside at the mall. Stone, Smith, Lane, Laeser, et al. No sound.
Site: JPL Audience: Resource
Master: 1"C Stored: Vendor Submaster: DVCPro
Audio 1: Silent 2: Silent
(old designation- Hour 1:00)
03/09/1990 - 0:27:43 Producer:

AVC-1990-128-12/28 **Voyager Film Rawstock Footage - Voyager 2/Uranus tape #2**
Film to tape transfer
1. Interview with Kathryn Sullivan (astronaut). Part 2. 8 min.
2. Various shots of Voyager control room, 264. Starts with an establishing shot. [room configuration changed]: plotters, monitors.
3. Interview with Kathryn Sullivan (astronaut). Part 1. 6 min.
4. Science meeting with a man with Viewgraphs.
5. Shots of Photolab finishing area: making press kits,

attaching photo captions (Deitz et al).
6. Forum for press conference. Torrence Johnson and Masurgsky speak. No sound.
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster: DVCPro
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 1:30)
03/09/1990 - 0:29:46 Producer:

AVC-1990-128-13/28 **Voyager Film Rawstock Footage - Voyager 2/Uranus tape #3**
Film to tape transfer
1. Forum press conference in von Kármán Auditorium. Same as tape part 12.
Much background noise. Lost sound at end.
2. Torrence Johnson speaks on geological evolution.
3. Various shots outside on the mall. One shot following Lew Allen up into Building 180. No sound.
4. Also some shots outside westgate trailer signs; trailers; fountain; flowers. No sound.
5. Press conference in auditorium with white haired German investigator. No sound at end.
6. Shots of auditorium control booth with Gary Savona and Marian Inova. No sound.
7. Shots of news room @ :08 good. No sound.
8. Blue room show with Al Hibbs and Larry Soderblom. No sound.
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 2:00)
03/09/1990 - 0:29:55 Producer:

AVC-1990-128-14/28 **Voyager Film Rawstock Footage - Voyager 2/Uranus tape #4**
Film to tape transfer
1. Blue room show with Al Hibbs and Larry Soderblom. No sound.
2. Press conference in auditorium. Shots of other camera operators. No sound.
3. Model of flyby of Uranus. No sound. [items 2 and 3 transferred twice]. Press conference with shots of camera operators. No sound.
5. Press conference at auditorium, panel discussion with Ed Stone among others. No sound.
6. Shot of audiovisual booth at auditorium.
7. Men at Mission Control console in control room, No sound.
8. Various other shots of people in the control room in:

Radio Science, 3 people. No sound.
9. Same type of shots, example- a three shot + woman typing on keyboard; man marking chart.
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 2:30)
03/12/1990 - 0:29:15 Producer:

AVC-1990-128-15/28 **Voyager Film Rawstock Footage - Voyager 2/Uranus tape #5**
Film to tape transfer
1. Various shots of Voyager control room. No sound towards end.
2. Close up shots of the ceiling signs above the different areas. No sound.
3. More various shots of people (e.g., M.L. Mays, on badge) working in Voyager control room in Building 264. No sound.
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 3:00)
03/12/1990 - 0:14:35 Producer:

AVC-1990-128-16/28 **Voyager Film Rawstock Footage - Voyager 2/Neptune tape #1**
Film to tape transfer
Voyager 2/Neptune part #1
1. Photo meeting with Imaging team, Smith, Van Der Woode; 11 minutes long.
2. Press room in auditorium. Starts with two shot, goes to close ups and other shots: radio and print reporters, using keyboards, on phones.
3. Science meeting from Room 167. Man with viewgraphs. Shot from in back.
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster: DVCPro
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 1:00)
03/12/1990 - 0:28:40 Producer:

AVC-1990-128-17/28 **Voyager Film Rawstock Footage - Voyager 2/Neptune tape #2**
Film to tape transfer
1. Woman with Viewgraphs speaking on bowshock crossing. Man speaking on new moons, etc.
2. Press conference in von Kármán Auditorium. 3 men + Carolyn Porco speak on Triton's atmosphere, rings. Loses sound at end.

3. Science meeting. Brad Smith speaks on rings. Woman speaks on bowshocks + other reports. Stone presides (Krimegis: c.u. of his badge).
4. Press conference in auditorium. Man speaks on Neptune's Atmosphere.
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster: DVCPro
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 1:30, 128T16M/2)
03/09/1990 - 0:29:05 Producer:

AVC-1990-128-18/28 **Voyager Film Rawstock Footage - Voyager 2/Neptune tape #3**
Film to tape transfer
1. Press conference in von Kármán Auditorium, Torrence Johnson speaks.
2. Press conference, panel Q & A. Ed Stone, Carolyn Porco, Torrence Johnson, + 3 others..
3. Larry Soderblom speaks + another man (shows Neptune rotation "movies").
4. Outside (curtain backdrop to a podium) in mall area, the beginning of Dan Quayle's speech (Gregoire), many people.
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster: DVCPro
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 2:00, 128T17M)
03/09/1990 - 0:29:59 Producer:

AVC-1990-128-19/28 **Voyager Film Rawstock Footage - Voyager 2/Neptune tape #4**
Film to tape transfer
1. Quayle's speech continued, outside in the mall area.
2. Quayle's speech Q & A, in the von Kármán Auditorium.
3. Driving up the street toward JPL past all the cars and TV trucks. No sound.
4. Inside the photo trailer with Van der Woode working through walk-up window.
5. Outside, shots of security and others (including Borst).
6. Inside the decorated blue room with Al Hibbs and guests (with IMAX camera filming)..
7. Press conference in auditorium with Ed Stone and a man (Triton UVS) + a man (magnetosphere)..
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster: DVCPro
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 2:30, 128T18M)
03/09/1990 - 0:29:29 Producer:

AVC-1990-128-20/28 **Voyager Film Rawstock Footage - Voyager 2/Neptune tape #5**
Film to tape transfer
1. Press conference in von Kármán Auditorium. One man at a time speaking on magnetopause, radiation belts, Lane, Smith, man (rings), Soderblom.
2.27 Press conference panel Q & A with Andy Ingersoll, Larry Soderblom, Ed Stone, N.Ness, D.Guernott, J.Warwick..
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 3:00, 128T19M)
03/09/1990 - 0:27:00 Producer:

AVC-1990-128-21/28 **Voyager Film Rawstock Footage - Voyager 2/Neptune tape #6**
Film to tape transfer
1. Photo meeting with Brad Smith, and others.
2. Unknown office with 9 people watching two men at keyboards.
3. Control room in Building 264. Various shots of people. Photo trailer, Van der Woude asleep @ 3:25.
5. Science meeting with Larry Soderblom.
6. Various shots of 3 other crews filming Brad Smith and Torrence Johnson speaking with Carl Sagan @ 7:00.
7. Office with people watching monitors: Triton images. Various dark and lit rooms with many people watching monitors and talking about it: Soderblom, Stone, Smith: Triton images @ : Very good @ 25:25: sleeping bag under desk @ 27:30: Sagan, Smith, Johnson: Triton images.
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 3:30, 128T20M)
03/09/1990 - 0:29:25 Producer:

AVC-1990-128-22/28 **Voyager Film Rawstock Footage - Voyager 2/Neptune tape #7**
Film to tape transfer
1. Science meeting. Loses sound at end.
2. Auditorium: Van der Woude showing images to a woman. No sound.
3. 264, Voyager control room. Shots of people during a scan platform maneuver.
4. Shots of Radio Science area [reconfigured since Uranus encounter]. Lost sound in the middle.
5. Press room auditorium. Newsman saying a piece of news over the phone, with laptop computer.
Site: JPL Audience: Resource

Master: 1"C Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 4:00, 128T19/2M)
03/09/1990 - 0:29:25 Producer:

AVC-1990-128-23/28 **Voyager Film Rawstock Footage - Voyager 2/Neptune tape #8**
Film to tape transfer
1. Press room auditorium, Newsman saying a piece of news over the phone [same as in film 19/2].
2. Computer imaging lab. Various shots.
3. 167 science meeting. Carolyn Porco talking on rings. Others (Smith, Stone, Miner, Lane et al) also talk.
4. Inside the sound booth in auditorium for a press conference (Bridges, Borst).
5. Press conference in von Kármán Auditorium with Ed Stone and Brad Smith.
6. Press conference Q & A. Shots of Ed Stone and Brad Smith at podium and seated (@ 23:30 good).
7. Press room auditorium. Shots of news people and PIO desk.
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 4:30, 128T22M)
03/09/1990 - 0:29:50 Producer:

AVC-1990-128-24/28 **Voyager Film Rawstock Footage - Voyager 2/Neptune tape #9**
Film to tape transfer
1. Press room auditorium, various shots around the room.
2. Photo meeting with the imaging team.
3. Science meeting starts closeups, no sound.. Press conference in auditorium with Norm Haynes.
Shots of IMAX.
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 5:00, 128T24M)
03/09/1990 - 0:29:48 Producer:

AVC-1990-128-25/28 **Voyager Film Rawstock Footage - Voyager 2/Neptune tape #10**
Film to tape transfer
1. Press conference in auditorium with Norm Haynes. Others (e.g., Stone) talk about magnetosphere and rings.
2. Blue room with Steve Wall. Different shots on the live set.
3. Blue room with Al Hibbs. No sound.
4. Press conference in auditorium. "Voyager II at Triton"

movie shown; Brad Smith and Ed Stone speak.
5. Press conference Q & A, Norm Haynes, Norm Ness, B.Mauk, D. Gurnett, L Esposito, L. Tyler, Ed Stone, Andy Ingersoll, Larry Soderblom.
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 5:30, 128T24M)
03/09/1990 - 0:29:44 Producer:

AVC-1990-128-26/28 **Voyager Film Rawstock Footage - Voyager 2/Neptune tape #11**
Film to tape transfer
1. Press conference Q & A [as in tape 10] and closing remarks by Bob MacMillen.
2. Press conference with Norm Haynes, Ed Stone, Larry Soderblom, Gurnett, Ness, McNutt,. then to Q & A.
3. Voyager control room, 264. Various shots of people at different controls.
4. Press conference Q & A with Brad Smith, Ed Stone, B. Sandel, Lane, J. Belcher, T. Krimigas..
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 6:00, 128T26M)
03/09/1990 - 0:29:45 Producer:

AVC-1990-128-27/28 **Voyager Film Rawstock Footage - Voyager 2/Neptune tape #12**
Film to tape transfer
1. Press conference Q & A [as in tape 11] with Brad Smith, Ed Stone and others. Same setting but with: Ness, McNutt, Stone, Soderblom.
2. Shots of blue room booth: an Al Hibbs program running; Marian Inova at control console.,
3. Press conference in auditorium: men at podium; with Viewgraph: Ness..
Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 6:30, 128T27M)
03/09/1990 - 0:29:00 Producer:

AVC-1990-128-28/28 **Voyager Film Rawstock Footage - Voyager 2/Neptune tape #13**
Film to tape transfer
1. Press conference in von Kármán Auditorium with men at podium; Andy Ingersoll, Norm Haynes, Ed Stone, Brad Smith and another.

Site: JPL Audience: Resource
Master: 1"C Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 7:00, 128T28M)
03/09/1990 - 0:16:41 Producer:

AVC-1990-130C1M **Ulysses Spacecraft Press Briefing**
6/26/90 - 1:00:00
Tape 1 of 2
From Kennedy Space Center
George Diller - Commentator
John Conway - KSC Dir. Payload
Peter Wenzel - ESA Ulysses Project
Willis Meeks - JPL Ulysses Project MGR.
Derek Eaton - ESA Ulysses Project MGR.
Bruce Melnick - Mission Specialist and Thomas Akers
NOTE: Program starts 8:00 Min. into tape.

AVC-1990-130C2M 6/26/90 - 32:00
Tape 2 of 2

AVC-1990-131C1M **Magellan Model Set-up News Release Footage**
Raw footage, loosely edited, shot in the JPL Mall.
6/26/90 - 6:31

AVC-1990-132C1M **Hubble Space Telescope Press Conference**
6/27/90 - 1:10:00
Goddard Space Flight Center

AVC-1990-134C1M **NASA Press Conference**
7/2/90 - 73:00
Briefing on trouble with the Shuttles and the Hubble Space Telescope.
Richard Truly, Dr. Lennard Fisk and Dr. William Lenoir at headquarters - NASA Select

AVC-1990-135C1M **STS-31 Mission Highlights Resource Tape**
Hubble Space Telescope
6/21/90 - 55:00
Tape 1 of 2 - JSC Production

AVC-1990-135C2M **STS-31 Mission Highlight Resource Tape**
6/21/90 - 27:00
Tape 2 of 2 - A JSC Production

AVC-1990-136C1M **Magellan to Venus**

Cell Animation, Narrated with Music for Press Release.
Shows approach, orbit insertion and mapping sequences.
7/9/90 - 3:35

AVC-1990-138T1M **Planetary Rover Program**
A polished documentary intended to show the successes that have been achieved and the progress to be made in robotic space exploration. The rover's sophistication is
demonstrated by an exercise in semiautonomous navigation which occurs on a rocky canyon floor. Tape includes an explanation of the project and interviews with the key personnel.
7/12/90 - 10:00
Ch.1: Narration; Ch.2: Effects

AVC-1990-146T1M **"Ulysses", A Solar Odyssey**
Film-to-tape transfer of a Media Four production by Charles Finance about the Ulysses Mission to the Sun. The pre-launch production uses graphics, animation and live footage describes how Ulysses will use the gravity of Jupiter to lift it out of the ecliptic plane into polar orbit around the Sun to study the Heliosphere and probe the corona. Other objectives shown include: Solar wind, magnetic fields, cosmic rays and solar flares.
7/23/90 - 11:36

AVC-1990-147C1M **Magellan Press Conference**
Taped in von Kármán Auditorium. Participants: Tony Spear, Gordon Rendergill, Steve Saunders
7/26/90 - 1:00:00

AVC-1990-148C1M **Ulysses Spacecraft IUS Mate Activities Press Release**
NASA Select - Kennedy Space Center
7/31/90 - 5:00

AVC-1990-151C1M **Magellan: At Venus Report**
Guest: Stephen Saunders
8/6/90 - 15:00
Magellan: At Venus Report
Guest: Cheick Diarra
8/8/90 - 15:00

AVC-1990-152C1M **Magellan Press Conference**
Speakers: Dr. Wesley T. Huntress Jr., Anthony Spear, Ken

Ledbetter, Dr. William T. Johnson, Dr. John McCarthy, Dr. R. Stephen Saunders
8/9/90 - 1:30:00
Tape 1 of 2

AVC-1990-152C2M 8/9/90 - 25:00
Tape 2 of 2

AVC-1990-153C1M **Magellan: At Venus Report**
Guests: Douglas G. Griffith, W.T. Johnson, John Slonski, Keith Hamlyn
8/10/90 - 1:30:00
Tape 1 of 2

AVC-1990-153C2M 8/10/90 - 1:00:00
Tape 2 of 2

AVC-1990-154C1M **Magellan Press Conference**
Speakers: Bob MacMillin, Dr. A. Fisk, J. Spear, F. Scott, Dr. McNamee, M. Hamlyn, Ken Ledbetter
8/10/90 - 51:00

AVC-1990-157C1M **Magellan Press Conference**
Speakers: A. Spear, Chris Jones, Jim Marr, Betsy Marlowe, Ray Morris, K. Bouvier
8/17/90 - 46:00

AVC-1990-159C1M **Magellan Press Conference**
Speakers: A. Spear, John Slonski, William Johnson, Steve Saunders
8/21/90 - 1:15:00

AVC-1990-160C1M **Magellan: At Venus Report**
A.J. Spear
8/15/90 - 15:00
David Okerson
8/22/90 - 15:00

AVC-1990-163T1M **Magellan Radar Calibration Test Preliminary Results**
The video sequence consists of twelve short scenes created from radar calibration test data recorded on August 16, 1990. The first eleven scenes pan north to south, from 60 degrees north latitude to 20 degrees north latitude. The last field rendered scene pans

south to north, from 20 degrees north to about 24 degrees north, at approximately 287 degrees east longitude.
8/24/90 - 3:39

AVC-1990-164C1M **Magellan: At Venus Press Conference**
Speakers: A.J. Spear, R.S. Saunders, J.P. Slonski,J.F. McKinney, R.K. Raney
8/24/90 - 1:10:00

AVC-1990-167C1M **Magellan: At Venus Report**
R.S. Saunders - 8/29/90 - 15:00
Jim Head - 9/5/90 - 15:00

AVC-1990-175C1M **Ulysses Press Briefing**
FROM KSC
9/13/90 - 45:00

AVC-1990-176C1M **Magellan: At Venus Report**
Client: Magellan project/PIO
R.S. Saunders - 9/12/90 - 15:00
William Johnson - 9/19/90 - 15:00

AVC-1990-179T1M **Magellan Radar Calibration Test Preliminary Results**
Video sequence created using radar calibration test data recorded by the Magellan spacecraft on August 16, 1990, consisting of four short scenes: (1) a globe of Venus, (2) Golubkina Crater, (3) pan north from 4 degrees south latitude, (4) pan north from 1 degree north.
9/25/90 - 2:30

AVC-1990-180T1M **Collection of Results from Magellan Radar Calibration Tests**
The three video sequences were created using radar calibration and engineering test data recorded by the Magellan spacecraft during August - October 1990. Simulated color was used to approximate hues which might be seen by the human eye, based on color images recorded by the Venera 13 and 14 spacecrafts. A mosaic of images from selected orbits was used to create the animation sequences.

AVC-1991-031: **The first sequence begins with a** black and white globe of Venus, created using a combination of Pioneer Venus Orbiter and Venera 15/16 data. It continues with a simulated flight over the northern polar region, concentrating on Ishtar and Maxwell. High resolution Magellan data is displayed in color on top of the data from the earlier mission.

AVC-1990-179: **The Second 21/2 minute video** sequence consisted of four short scenes: (1) a globe of Venus, (2) Golubkina Crater, (3) pan north from 4 degrees south latitude, (4) pan north from 1 degree north.

AVC-1990-163: **The third 3.5-minute video sequence** consists of twelve short scenes. The first eleven scenes pan north to south, from 60 degrees north latitude to 20 degrees north latitude. The last field rendered scene pans south to north, from 20 degrees north to about 24 degrees north, at approximately 287 degrees east longitude.
Revised: 11/16/90 - 8:43

AVC-1990-181C1M **Magellan: At Venus Press Conference**
Speakers: R.S. Saunders, John Slonski, G.H. Pettengill, J.W.
Head, R. Piereson
9/25/90 - 1:33:00

AVC-1990-182T1M **And Then There Was Voyager**
Polished production of NASA's legendary grand tour of the outer solar system. The video takes the viewer from the mission's conception in the early 1970's, through each of the spacecraft's stunning encounters of Jupiter, Saturn, Uranus and Neptune, and on to what may lie ahead for the probes as they search for the heliopause. Told in the words of key members of the Voyager team.
9/25/90 - 30:19

AVC-1990-184T1M **Planetary Rover Milestone**
A technical video showing results of a 100 meter test.

Ch.1: Narration; Ch.2: Effects
9/26/90 - 2:00

AVC-1990-185T1M **Ulysses Pre-launch Press Release**
Clips taken from the movie "Ulysses: A Solar Odyssey and edited together for a press release.
4:44 - Silent
9/27/90

AVC-1990-188 **Raw Voyager Computer Animation**
1. Voyager Movies
2. Neptune Magnetosphere
3. Voyager at Heliosphere

AVC-1991-004C1M **Magellan at Venus: "Brown University Perspective"**
Speakers: James Head, Steve Saunders, Ellen Stofan, Sue Smrekar, Jeff Plaut
A three-camera videotaping in the TV studio
10/3/90 - 22:00

AVC-1991-005C1M **Magellan: At Venus Report**
9/26/90 - Ken Ledbetter
10/3/90 - Dr. J. Wood
30:00

AVC-1991-006T1M **Voyager Colby Films Launch Video**
Voyager I & II Stock Footage at the Cape
Given to Mary Hardin/PIO from National Archives
Launches includes Gold record installation on Spacecraft.
10/3/90 - 20:00 - Silent

AVC-1991-007C1M **Ulysses Pre-launch Press Conference**
10/4/90 - 47:00

AVC-1991-008T1M **Ulysses Post Deployment Press Conference**
Willis Meeks, Demek Eaton, Dr. Edgar Page
10/6/90 - 17:00

AVC-1991-009C1M **STS-41 Highlights**
Shuttle Launch, Ulysses Deployment, and Shuttle Landing
10/10/90 - 29:00

AVC-1991-014T1M **Ulysses the Movie (ESA)**
July 1990 - 30:00
Tape-to-tape Transfer

AVC-1991-016C1M **Magellan: At Venus Report**
Prof. R. Arvidson
10/10/90 - 15:00
Dr. McGill
10/17/90 - 15:00

AVC-1991-017T1M **Neptune's Great Dark Spot**
Kida Vortex Model
An edited video of the Great Dark Spot in Motion.
10/17/90 - 1:08

AVC-1991-018T1M **Radar Images of Asteroid 1989 PB**
An edited video of radar changes of Asteroid 1989 PB in motion.
10/17/90 - 2:08

AVC-1991-019C1M **CRAF Spacecraft Rendezvous with Comet - Kopff**
From National Aeronautics and Space Administration
Visual Communications Lab
NASA Johnson Space Center
10/11/90 - 2:00

AVC-1991-023C1M **Magellan: At Venus Report**
10/24/90 - 15:00
Dr. Stofan
10/31/90 - 15:00
Dr. Basilevsky

AVC-1991-029C1M **Magellan: At Venus Report**
Speaker: Dr. Saunders
11/7/90 - 15:00
Speaker: J.P. Slonski
11/14/90 - 15:00

AVC-1991-030C1M **Magellan: At Venus Report**
Guests: Dr. Saunders, Dr. Peter G. Ford, Dr. Gordon Pettengill, Dr. Alexander Basilevsky
11/21/90 - 30:00

AVC-1991-032C1M **Magellan Venus Press Conference**
Speakers: A.J. Spear, R.S. Saunders, G.H. Pettengill, R. Arvidson, S. Solomon
Tape 1 of 2
11/16/90 - 1:30:00
11/16/90 - 10:00

AVC-1991-036C1M **Atmosphere of Venus**
Preliminary Results developed by the Solar System Visualization Project and the Galileo Imaging Team Four video sequences were created to show the atmosphere of Venus as seen through the violet filter of the Galileo Solid State Imaging System. The Images were taken over several-days period following the Venus flyby on February 10, 1990.
11/29/90 - 2:18

AVC-1991-037T1M **Galileo Press Conference**
A four-camera videotaping in von Kármán Auditorium. Speakers: William J. O'Neil, Dr. Torrence V. Johnson, Dr. Michael J.S. Belton, Dr. Robert W. Carlson, Dr. Margaret G. Kivelson, Dr. Louis W. Frank, and Dr. Donald Gurnett
Tape 1 of 2
11/29/90 - 1:30:00
Tape 2 of 2
11/29/90 - 29:00

AVC-1991-038C1M **STS-41 Post Flight Press Conference**
From JSC
November 1990 - 21:30

AVC-1991-039T1M **The Third Step to Jupiter**
An edited production for Earth 1 Encounter Press Release. This program uses computer animation to illustrate a technique called gravity-assist as performed by the Galileo spacecraft when it passed near Earth in December 1990.
Client: Maynard Hine
Ch.1: Narration; Ch.2: Effects
12/7/90 - 4:45

AVC-1991-040C1M **Galileo at Earth 1 Report**
A live show to NASA select describing Galileo's Earth 1 Encounter
Host: Rich Terrile
Guests: William O'Neil, Torrence Johnson, Neal Ausman
12/8/90 - 25:00

AVC-1991-041C1M **Galileo at Earth 1 Report**
A live show to NASA select describing

Galileo's Earth 1 Encounter
Host: Rich Terrile
Guests: Karen Buxbaum, Louis Frank, Christopher Russell, Louis D'Amario, James Head, Thomas McCord, Reed Thompson, Robert Carlson
12/8/90 - 1:00:00

AVC-1991-042C1M **Galileo Press Briefing**
Speakers: Wesley Huntress, William O'Neil, Neal Ausman, Torrence Johnson, Clayne Yeates
12/8/90 - 1:07:00

AVC-1991-043C1M **Galileo at Earth 1 Report**
A live show to NASA select describing Galileo's Earth 1 Encounter
Host: Rich Terrile
Guests: Carl Sagan, Andy Ingersoll, William O'Neil, Torrence Johnson
12/8/90 - 30:00

AVC-1991-044C1M **Galileo at Earth 1 Report**
A live show to NASA select describing Galileo's Earth 1 Encounter
Host: Rich Terrile
Guests: Torrence Johnson, Louis Frank, James Head
12/10/90 - 30:00

AVC-1991-045C1M **Galileo at Earth 1 Report**
A live show to NASA select describing Galileo's Earth 1 Encounter
Host: Rich Terrile
Guests: Torrence Johnson, Clark Chapman, Andy Ingersoll
12/13/90 - 28:00

AVC-1991-046C1M **Magellan: At Venus Report**
J.W. Head
11/28/90 - 15:00
Tim Parker
12/5/90 - 15:00
Cathy Weitz
12/12/90 - 15:00

AVC-1991-056T1M **The Galileo Earth-Moon 1 Encounter**
Earth rotation - 2:16
Movie made from a sequence of images taken by

the Galileo spacecraft of the Earth over a 25
hour period on December 11, 1990.
Moon rotation - 1:35
The globe in this movie is made up of airbrush
maps of Lunar Orbiter and Apollo images.
Galileo color visualization images are
superposed on the globe.
Music only.
12/19/90 - 3:51

AVC-1991-057C1M **Galileo Earth-Moon 1 Encounter Press Briefing**
A four-camera videotaping in von Kármán
Auditorium of post encounter press briefing.
Speakers: O'Neil, Johnson, Kivelson, Frank,
Kurth, Carlson, Mc Cord, Belton, Head, Chapman
Tape 1 of 2
12/19/90 - 1:30:00

AVC-1991-057C2M **Speakers: Chapman and Q & A**
Tape 2 of 2
12/19/90 - 44:00

AVC-1991-058T1M **Galileo: Earth Spin Movie**
New Version
12/20/90 - 2:48

AVC-1991-060T1M **Voyage to the Outer Planets**
Computer animation of Voyager data set to
music; Jupiter,Saturn, Uranus, and Neptune
Client: William Kosmann
Channel 1 - Narration
Channel 2 - Effects
1/4/91 - 2:48

AVC-1991-061T1M **JPL End Logo 1991/Stars in Motion**
JPL end logos over Starfield. Many cuts with
and without reflections in JPL logo.
1/4/91 - 1:22

AVC-1991-063T1M **AAM the Movie**
Atmospheric Angular Momentum Fluctuations
occurring in the UCLA General Circulation
Model
1/8/91 - 7:53

AVC-1991-064C1M **Galileo Earth 1 Report Highlights Tape**

Highlights of Galileo Earth 1 Reports from
Galileo Earth 1 Encounter of 12/8/90. This is
an abbreviated account of the reports for
replay on the day after closest approach.
1/8/91 - 30:00

AVC-1991-077C1M **Magellan: At Venus Report**
Dr. Saunders and Eric De Jong
1/9/91 - 15:00
Dr. Goldstein and Annette deCharon
1/16/91 - 15:00
Dr. Stofan
1/23/91 - 15:00

AVC-1991-081C1M **Magellan: At Venus Report**
1/30/91 - Steve Saunders
2/6/91 - Tony Spear
2/13/91 - John Guest
45:00

AVC-10991-082T1M **Monterey: The Bay**
An edited video of the Landsat Thematic Mapper
Imaging of the Monterey peninsula. A
visualization of the Monterey environment
using seven geophysical datasets.
Channel 1 - Narration; Channel 2 - Music
2/14/91 - 4:44

AVC-1991-091T1M **Collection of Magellan Venus Radar Mapping Results**
Developed by the Solar System Visualization
Project and the Magellan Science Team
Collection of seven releases:
SEQUENCE 1: UPPER ATMOSPHERE COMPOSITION
AND O-C02 RADIATIVE COOLING
(August 10, 1993 - Length: 2:22 - AVC-1993-191)
SEQUENCE 2: AEROBRAKING TO CIRCULAR
ORBIT
(August 10, 1993 - Length: 1:53 - AVC-1993-191)
SEQUENCE 3: DIONE REGIO, BETA & ATLA REGIO,
OVDA REGIO
(May 26, 1993 - Length: 7:37 - AVC-1993-158)
SEQUENCE 4: ATLA REGIO
(Released April 22, 1992 - Length: 2:37 - AVC-1992-105)
SEQUENCE 5: ARTEMIS
(October 29, 1991 - Length: 3:15 - AVC-1992-024)

SEQUENCE 6: ALPHA REGIO
(Released May 29, 1991 - Length: 2:25 - AVC-1991-122)
SEQUENCE 7: WESTERN EISTLA REGIO
(Released March 5, 1991 - Length 2:36 - AVC-1991-092)
SEQUENCE 8: WESTERN ISHTAR REGIO
(Released November 16, 1990 - Length: 2:43 - AVC-1991-031) Computer animation techniques create four simulated flights over the surface of Venus. The four video sequences use radar mapping data recorded by the Magellan spacecraft during September-February 1991. Simulated color approximates hues which might be seen by the human eye, based on color images recorded by the Venera 13 and 14 spacecraft. The vertical scale in the simulated flights is exaggerated by a factor of 22.5. Four mosaics of images from selected orbits were used to create the animation sequences. The first sequence begins with a global view of Venus. It continues with a simulated flight over Artemis corona, and into the deep chasms of eastern Aphrodite Terra. The second sequence begins with a view of three craters (Howe, Danilova, Aglaonice). We fly over the complex terrain of Alpha Regio and end with a view of Stuart crater. The third sequence begins with a view of Sif Mons (a 1.2 mile high volcano). We fly over a rift valley, several impact craters, a corona, and Gula Mons (a 1.8 mile high volcano). The sequence ends with a North-East view of Eistla Regio. The fourth sequence begins with a view of a black and white globe of Venus, created using a combination of Pioneer Venus Orbiter and Venera 15/16 data. It continues with a simulated flight over the northern polar region, concentrating on Ishtar and Maxwell. High resolution Magellan data is displayed in color on top of the data from the earlier mission.
Music only
8/10/93 - 26:23

AVC-1991-092T1M **Western Eishtla Regio**
Included in AVC-1991-091 COLLECTION
Animation sequence of Magellan data. The

sequence begins with a view of Sif Mons. We fly over a rift valley, several impact craters, a corona, and Gula Mons (a 1.8 mile high volcano). The sequence ends with a northeast view of Eistla Regio.
AUDIO: Music only
3/5/91 - 2:36

AVC-1991-093T1M **Magellan Science Briefing**
A four-camera videotaping in von Kármán Auditorium for Press and NASA Select
Audio Mixed
3/5/91 - 1:09:00

AVC-1991-094C1M **Magellan: At Venus Report**
2/20/91 - SCHABER
2/27/91 - LEDBETTER
3/6/91 - De CHARON
45:00

AVC-1991-098C1M **Magellan at Venus Report**
3/13/91 - 15:00

AVC-1991-100T1M **Monterey the Bay**
This computer generated animation was produced to demonstrate the fusion and visualization of multiple geophysical datasets. Both the U.S. Navy and NASA sponsor the development of Visualization Technology to Enhance the understanding of environmental data.
3/13/91 - 4:52

AVC-1991-101T1M **SIRTF - The Space Infrared Telescope Facility**
Introduction to Infrared Astronomy using Infrared telescope in Space, description of SIRTF mission
Channel 1: Narration
Channel 2: Music & Effects
3/18/91 - 6:50

AVC-1991-104C1M **Firefly**
A roll of field tests on Mojave. Firefly uses an infrared detection to locate forest flies from the air. A PIO release to the media containing raw footage and an interview w/David Nichols.

3/29/91 - 17:35

AVC-1991-105T1M **JPL Special Program and Outreach Activities**
An edited program show casing several JPL volunteer and outreach programs
4/2/91 - 14:38

AVC-1991-108C1M **Magellan: At Venus Report**
Jason Hyon
3/13/91
Dr. Basllevsky
3/20/91
Dr. Bindschadler
3/27/91
45:00 Min.

AVC-1991-113C1M **Magellan: At Venus Report**
Dr. B. Banerdt
4/3/91
Dr. S. Soloman
4/10/91
Dr. J. Plaut
4/17/91
45:00

AVC-1991-116T1M **Galileo High Gain Antenna Analysis**
This video program uses computer animation to simulate what may have happened to the Galileo High Gain Antenna to restrict its deployment.
4/25/91 - 5:11

AVC-1991-118C1M **Magellan: At Venus Report**
4/24/91 - Slonski
5/1/91 - Saunders
5/8/91 - Senshe, Dr. Phillips
45:00

AVC-1991-119C1M **Magellan: At Venus Report**
Tony Spear
May 15, 1991 - 15:00

AVC-1991-120T1M **Magellan Reprise Summary Tape**
Opening titles and closing titles for all the Magellan at Venus Reports also a brief 4 minutes and 20 second history of the Magellan mission as told by some of the scientists and

Engineers who were involved with music
5/15/91 - 4:40

AVC-1991-122T1M **Alpha Regio**
Included In AVC-1991-091 Collection
Animation sequence of Magellan Data. The following computer animation creates a simulated flight over the Northwestern Portion of Lavinia Planitia and Alpha Regio. The sequence ends with a view of Stuart crater.
Audio: Music Only
5/29/91 - 2:26

AVC-1991-123C1M **Magellan Press Conference at NASA Headquarters**
Guests: Steve Saunders, Tom Thompson, Gordon Pettengill, James Head, Wesley Huntress
5/29/91 - 1:10:00

AVC-1991-125T1M **Spaceflight Operations Facility 1991 Version**
Updated & reedited SFOF program this program is an updated version of AVC-063-1988
6/7/91 - 6:45

AVC-1991-133T1M **Geological Tour of Central Wyoming Basins**
A computer-generated animation of a flyover of Central Wyoming taken from landsat satellite data.
6/25/91 - 3:09

AVC-1991-136T1M **Solar Eclipse July 1991**
Edited production produced live in the TV studio documenting the event as it happened.
Host: Willis Meeks
Guests: Joan Feynman and Bruce Tsurutani
7/11/91 - 58:12

AVC-1991-136C1M **Solar Eclipse Iso Reels 1 & 2**
July 1991's Solar Eclipse as seen in Pasadena 69% of the Solar disk was covered by the Moon. The tape is an ISO of a camera mounted on a "Star Tracker" to keep the sun in view during the Eclipse.
Tape 1 - 10:14 - 11:44
Tape 2 - 11:44 - 12:47
Silent
7/11/91

AVC-1991-142T1M **Hubble's Wide Field/Planetary Camera**
An edited production that uses various source tapes to briefly describe the Wide Field Planetary Camera and its discoveries.
Audience: People attending JPL Expo
Channel 1: Narration; Channel 2: Effects
8/2/91 - 3:57

AVC-1991-143T1M **Observations Beyond the Human Senses**
An edited production using existing video for the JPL Expo. Overviews the past, present, and future activities of the Observational Systems Division. Includes image processing, space missions, and Earth observing missions.
Ch.1: Narration; Ch.2: Effects
8/2/91 - 8:55

AVC-1991-150T1M **Tooth and Rocky: The Micro and Mini Rovers**
A polished edited video production showing new miniature rover vehicles in operation at JPL.
Audience: Press and NASA Managers.
Ch.1 - Narration; Ch.2 - Effects
8/9/91 - 3:30

AVC-1991-151C1M **Lava Channels and Volcanic Domes on Venus**
"Magellan Science Seminar"
Three camera taping in vKA and live transmission to NASA Select.
Speaker: Steve Saunders
8/12/91 - 36:00

AVC-1991-152C1M **Revealing Venus**
Production on the Magellan radar mapping mission at Venus. Produced by Martin Marietta
5/91 - 7:30

AVC-1991-155C1M **Magellan Press Conference, 8/30/91**
Press conference from NASA Hq. and JPL von Kármán Auditorium. A photo of a landslide on Venus indicating an active geology on Venus.
Participants: Dr. Wesley T. Huntress Jr., Director, Solar Systems Exploration Division, NASA; Anthony J. Spear, Dr. R. Stephen Saunders, James F. Scott, and Dr. Jeffrey J. Plaut of JPL.

8/30/91 - 30:00

AVC-1991-170C1M **DSN News Release Footage**
1. EAR ON THE UNIVERSE (4:20)
2. GOLDSTONE... THE ULTIMATE LONG DISTANCE COMMUNICATOR (3:27)
Two productions packaged together for release to the news media in conjunction with a Goldstone 30th anniversary press release.
Taped via NASA Select from Hq.
9/30/91 - 8:00

AVC-1992-001T1M **Magellan: Mapping the Planet Venus**
A documentary describing the Magellan mission and its discoveries to date. Features Dr. Stephen Saunders, Magellan Project Scientist. Animation showing how the Magellan spacecraft maps Venus with its radar. Still images depicting puzzling details. Flights over various regions including Alpha Regio, Eistla Regio and Artemis produced by the latest computer animation technology using the real digital data.
Stereo Audio
11/11/91 - 9:09

AVC-1992-006C1M **Space VLBI: The Movies**
Scan conversion of a computer animation. No audio.
Clients: David Murphy & David Meier
10/4/91 - 25:00

AVC-1992-015C1M **Chapters in Aerospace History Interviews**
Bud Schurmeier
A three-camera videotaping of interviews conducted by Dr. Albert Hibbs for the California Museum of Science and Industry, Aerospace Historical Committee.
3/16/91 - 1:27:00

AVC-1992-016C1M **Chapters in Aerospace History Interviews**
Bob Parks
A three-camera videotaping of interviews conducted by Dr. Albert Hibbs for the California Museum of Science and Industry, Aerospace Historical Committee.
3/16/91 - 1:30:00 (part 1 of 2)

AVC-1992-016C2M 3/16/91 - 25:00 (Part 2 of 2)

AVC-1992-019T1M **Voyager at Heliosphere Press Release**
Computer animation showing the Voyagers crossing the Heliosphere. No audio. Resource footage.
10/21/91 - 1:29

AVC-1992-024T1M **ARTEMIS**
Animation sequence using Magellan Venus data. Depicts a flight over Artemis corona and eastern Aphrodite Terra. News release.
Scene 1: This sequence begins with a view of the rotating globe of Venus. Magellan synthetic aperture radar mosaics from the first cycle of Magellan mapping are mapped onto a computer-simulated globe to create this sequence. Data gaps are filled with Pioneer-Venus Orbiter data, or a constant mid-range value. The globe spins in the direction of Venus' spin, clockwise, looking down from the north.
Scene 2: As the sequence continues the globe stops and we zoom into Artemis, the largest corona on Venus. Artemis, a circular-raised region is 2600 kilometers (1612 miles) across. Like most corona, Artemis probably formed over a mantle plume. We head northwest, with our view fixed on Artemis, and then descend to follow the circular 2-4 kilometer deep trough surrounding Artemis. As we descend we pass over Mitchell crater, 85 kilometers (52.7 miles) across.
Scene 3: We ascend for an overview and then travel east to Diana and Dali chasms. As we descend into the chasms we see that one rim is higher than the other, which on Earth occurs at subduction zones. Thus far the science team has been unable to identify an integrated system of plates on Venus. Perhaps Venus is similar to the Earth during the Archean period (about 3 billion years ago) when plate tectonics may have been in its preliminary stages. We complete our simulated flight by traveling southwest for a last view of

Artemis, which is the same as our first view.
NOTE: Included in AVC-1991-091 Collection.
Music unmixed -
10/29/91 - 3:16

AVC-1992-025 **Galileo Spacecraft at Asteroid Gaspra**
Computer Animation for closest approach press conference.
1. Galileo spacecraft rotating, not far from asteroid. The viewpoint shifts past the spacecraft towards Gaspra.
2. Beginning hours before closest approach, Galileo's imaging system takes several single-frame pictures of the tiny, still-distant asteroid.
3. Starting 35 minutes before closest approach, Galileo takes a 9-frame mosaic pattern of full-color images.
4. Starting 16 minutes before closest approach, Galileo takes a 49-frame pattern, finishing up at 9 minutes before closest approach.
5. Galileo spacecraft rotating (repeat from 1).
6. Scientific simulation of asteroid Gaspra, rotating. The viewpoint moves past the sunlit side, looking back at the night side.
7. Galileo spacecraft rotating, viewing the rotating asteroid. The Los Angeles basin appears below Gaspra to show the size of the asteroid.
Silent
10/29/91 - 1:55

AVC-1992-026T1M **HAZBOT II**
Emergency Response Vehicle
An edited production documenting a test of a newly developed robot responding to a simulated chemical spill in building 183. Real time multi-camera views with views through the robot's cameras.
Ch.1: Narration; Ch.2: Effects
10/28/91 - 9:38

AVC-1992-027C1M **Magellan Science Briefing**
Press conference from NASA Headquarters. Speakers: Wes Huntress, Steve Saunders, John Woods and Gordon Pettengill. Premiered the

Artemis animation.
10/29/91 - 1:22:00

AVC-1992-029C1M **Galileo Gaspra Encounter Press Briefing**
A three-camera broadcast via NASA Select of a press conference updating the health of the Galileo spacecraft after its encounter with asteroid Gaspra.
Speakers: William J. O'Neil, Neal E. Ausman, William E. Kieckhefer and Dr. Torrence V. Johnson.
Animation depicting the encounter was released. Due to the high gain antenna problem, no images from the spacecraft were available at press time.
10/29/91 - 1:10:00

AVC-1992-030C1M **Radar: Search for Lost Civilizations**
Caltech's Centennial Symposium Lectures
Repeat of a talk given during the centennial.
A three-camera videotaping in von Kármán Auditorium.
Speaker: Dr. Charles Elachi, Office of Space Science and Instruments. Spaceborne imaging radars, in conjunction with optical and infrared sensors, are being used to search for environmental and man-made features that will allow us to search for lost civilizations in the desert regions of the world.
11/1/91 - 51:00

AVC-1992-037C1M **Galileo Gaspra Encounter Post Press Briefing**
A four camera videotaping and live transmission from vKA. The first picture returned by the Galileo spacecraft as it approached the asteroid Gaspra on Oct. 29 is discussed. Participants are Dr. Wesley T. Huntress, Director of the Solar System Exploration Division; William J. O'Neil, Galileo Project Manager; Dr. Torrence V. Johnson, Project Scientist; Dr. Michael J. S. Belton, Imaging Team Leader; and Dr. Joseph Veverka, Imaging Team member.
1/14/91 - 1:16:00

AVC-1992-038C1M **Impact Craters on Venus**

Magellan Science Seminar
A talk with slides by Dr. Gerald Schaber, U.S. Geological Survey. A four-camera videotaping in vKA and live to NASA Select.
NOTE: Includes Magellan: Mapping the Planet Venus
11/18/91 - 1:08:00

AVC-1992-043C1M **Magellan's Discoveries at Venus: Mapping Our Sister Planet**
Caltech's Centennial Symposium Lectures
Repeat of a talk given during the Centennial. A three-camera videotaping in von Kármán Auditorium. Showed 46 slides of the Venusian surface and a videotape depicting a flight over Artemis. Q&A at the end.
Speaker: Stephen Saunders, Magellan Project Scientist.
11/20/91 - 42:00

AVC-1992-045T1M **Cyberspace and Virtual Reality**
An edited production, presents the problems with and the solutions for using VR systems. Includes examples of the ESC, photovision and future VR projects.
Ch.1: Narration; Ch.2: Music
12/2/91 - 16:34

AVC-1992-049T1M **JPL Year End Review**

AVC-1992-052C1M **The Twisted Tale of Tessera: New Views from Magellan**
Magellan Science Seminar
A three-camera videotaping live to NASA Select from von Kármán Auditorium of a talk by Annette V. deCharon, Magellan Project.
12/16/91 - 41:00

AVC-1992-056C1M **The July 11, 1991 Total Eclipse as Seen from La Paz, Mexico**
Eight segments edited together show the eclipse of the Sun as videotaped by dedicated amateurs and semi-professionals. Different filters and lenses are used by each to show a multitude of views. Participants are interviewed at the end of the tape. The scenes included are largely unstructured, displaying the enthusiasm of the participants

plus some excellent images of the eclipse.
Audio: Wild Track Sound
1/10/92 - 1:20:00

AVC-1992-058C1M **Plasma Wave Sounds**
Compilation of Voyager Updates (AVC-061-1980, AVC-082-1981, and AVC-040-1986) that dealt with plasma wave sounds. Fred Scarf discusses the sounds received by the Voyager spacecraft as it encountered the outer planets.
1/10/92 - 35:00

AVC-1992-063T1M **Ulysses' Encounter with Jupiter**
An edited pre-encounter video production of the Ulysses' encounter with Jupiter on February 8, 1992. Contains computer animated sequences explaining the purpose of the gravity-assist flyby and the science that will be gathered by the spacecraft.
Stereo Music with Narration.
1/17/92 - 5:00

AVC-1992-064C1M **Arctic Chlorine Monoxide Microwave Limb Sounder**
Release tape of a computer graphic sequence showing chlorine monoxide data taken January 1-12, 1992. The sequence is repeated four times. Made for a ozone depletion studies press conference on February 3, 1992.
Silent
1/31/92 - 4:30

AVC-1992-065T1M **Eagle Has Landed: The Flight of Apollo 11**
Film-to-tape transfer of HQ-194.
A documentary of Apollo 11, the historic first landing of men on the moon and their safe return to earth, from launch of the Saturn V Apollo vehicle on July 16, l969, to the return of Astronauts Armstrong, Aldrin, and Collins to the Lunar Receiving Laboratory, NASA Manned Spacecraft Center, on July 27, l969; film emphasizes activities on the lunar surface and provides eye-witness experiences to viewers as participants in the Apollo 11 mission; still photographs, television transmission and motion picture scenes recreate the highlights of man's greatest journey.

1969 - 28:30

AVC-1992-070C1M **Arctic Ozone Press Conference**
Taped-off NASA Select
2/3/92 - 1:09:40

AVC-1992-071T1M **Telerobotic Single and Dual-Arm Supervisory and Shared Control Tasks**
A shortened version of AVC-1991-107. Selected segments edited together to suit a different audience.
Reedited on 2/3/92 - 3:00

AVC-1992-072C1M **Ulysses Jupiter Flyby Press Conference**
Participants: Mission Overview: Willis G. Meeks, JPL, Ulysses Project Manager (NASA); Mission Operations: Peter Beech, ESA Ulysses Operations Manager; Spacecraft Status: Derek Eaton, ESA, Ulysses Project Manager (ESA); In Ecliptic Science/Jupiter: Dr. Edward J. Smith, JPL, Project Scientist (NASA); In Ecliptic Science/Jupiter: Dr. Klaus-Peter Wenzel, ESA, Project Scientist (ESA).
Principal Investigators: Magnetic fields investigation: Andre Balogh, Imperial College, London; Radio science investigation: Michael Bird, Universitat Bonn, Germany; Unified radio and plasma waves investigation: Michael Kaiser, Goddard Space Flight Center; Solar-wind ion composition investigation: George Gloeckler, University of Maryland; Cosmic ray/solar particles investigation: John Simpson, University of Chicago.
2/11/92 - 1:30:00
Tape 1 of 2

AVC-1992-072C2M **Q & A**
2/11/92 - 21:00 Min.
Tape 2 of 2

AVC-1992-075T1M **Topex/Poseidon: A Mission to Planet Earth**
A lay person's guide to the US/French, Topex/Poseidon Mission that will chart and map the world's oceans. It contains a detailed description of the mission's objectives and benefits. Includes computer models of the

ocean circulation and animation of the spacecraft in orbit.
06/01/92 - 8:48

AVC-1992-077T1M **JPL 1991 Local-Remote Telerobot Control Development for Space Station Freedom**
An edited production describing telerobotic technology elements being developed for possible integration into the Space Station Flight Program.
Ch.1: Narration; Ch.2: Effects
02/17/92 - 8:03

AVC-1992-078T1M **The Deep Space Network: The Ultimate Long Distance Connection**
Caltech's Centennial Symposium Lectures
Repeat of a JPL lecture held at Caltech. Three camera taping in von Kármán Aud. Leslie Deutsch discusses the Deep Space Network (DSN), its past and future uses in spacecraft communications.
02/20/92 - 46:15

AVC-1992-082T1M **Local-Remote Supervisory Control Telerobotics Technology**
An edited production showing ongoing development of an IRIS workstation operator interface for telerobotic technology.
Ch. 1: Narration; Ch. 2: Effects
02/25/92 - 4:50

AVC-1992-088C1M **Trip Through the Solar System**
A collection of animations and real photographs on each of the nine planets and the Sun. Loosely edited. Intended for presenter to talk over. Originally mastered on 3/4".
03/03/92 - 22:17

AVC-1992-097 **A New Window into Space**
Film-to-tape transfer of JPL 593 a 1967 film on the Madrid Deep Space Network (DSN) antenna.
3/14/92 - 19:53

AVC-1992-105T1M **ATLA REGIO**
Computer animation made from Magellan Venus data.

Scene 1: Simulated flight over Western edge of Atla Regio - North face of Maat Mars
Scene 2: High altitude view of Maat & Sapas
Scene 3: Flight around Western Sapas Mons
Included in AVC-1991-091
4/22/92 - 2:37

AVC-1992-109C1M **Magellan Press Conference**
A three-camera videotaping in von Kármán Auditorium
Speakers: James Scott, Dr. Stephen Saunders,
Dr. Gordon Pettengill, and Dr. James Head
4/22/92 - 1:19:01

AVC-1992-110T1M **Cassini: Mission To The Ringed Planet**
Press release for the upcoming Cassini Mission
to Saturn and Titan.
Ch.1: Narration; Ch.2: Music & Effects
4/27/92 - 7:16

AVC-1992-120C1M **Ear On The Universe**
Goldstone
Set 1
3/2/92 - 6:50

AVC-1992-124T1M **Global Ozone Concentration Movies 1980-1990**
Developed by Solar System Visualization Project.
Computer animation techniques create five
views of the daily variation in the Earth's
ozone concentration from January 1, 1980
through December 31, 1990 as measured by the
Nimbus 7 Total Ozone Mapping Spectrometer
(TOMS). TOMS collects 200,000 ozone
measurements every day. These individual
measurements were averaged and mapped to
provide five different views of Earth's global
ozone concentration. In the first two
segments the data is mapped onto a globe. The
globe's orientation matches the December 11,
1990 Galileo Earth 1 encounter image shown in
the first and last frames of these two
segments. The third segment displays the
global ozone concentration from January 1,
1980 to December 31, 1988 as a cylindrical
map. Segments four and five provide a polar
stereographic view, for the same time period,
of the north and south poles respectively.

6/1/92 - 19:12

AVC-1992-125T1M **A Simulated Flight Over Mars' Candor Chasma**
A computer-generated flight over the Candor Chasma area of the large Rift Valley in Valles Marineras.
Developed by the Solar System Visualization Project
Includes Description Sheet
Music Only
5/22/92 - 0:50

AVC-1992-127C1M **Transarabia Expedition: Space Technology and** the Discovery of the Lost City of Ubar
Caltech Management Association
A three-camera videotaping of a talk in von Kármán Auditorium. Dr. Charles Elachi, JPL ALD and Dr. Ronald G. Blom, Research Geologist present a combination of armchair adventure, science and history of how the lost city of Ubar was discovered in the Arabian desert, first by remote sensing and then by a trans-Arabian expedition.
5/29/92 - 1:10:00

AVC-1992-129T1M **Miniature Seeker Technology Integration - MSTI**
An edited production describing JPL's new lowcost mission of a satellite that uses off the shelf components and can be built in less than a year.
Ch.1: Narration; Ch.2: Effects
5/28/92 - 2:43

AVC-1992-130T1M **JPL EPD Telerobotics Program**
Mid Year Review/Status
A demonstration video showing both local and remote site telerobotics as told by project staff members at their computer workstations.
Ch.1: Presenters; Ch.2: Music
6/1/92 - 8:32

AVC-1992-132C1M **SIRTF: Exploring the Infrared Frontier**
Production by BDM International
Pre-launch explanation of Space Infrared Facility, featuring: Dr. James Houck, professor of Astronomy, Cornell University; and Dr. Frank Low, Regents Research Professor,

University of Arizona.
1991 - 9:06

AVC-1992-133T1M **Gaspra Topography**
A computer-generated animation providing a series of 3-dimensional perspective views of the surface of Gaspra.
57 Seconds - 6/11/92

AVC-1992-134C1M **Galileo "Gaspra" Press Conference**
A four-camera videotaping in von Kármán Auditorium. Speakers: Dr. Joseph Veverka, Galileo Imaging Team member (Cornell University), William J. O'Neil (Galileo Project Manager), Dr. Leslie J. Deutsch (Manager of Technology Development, Tracking and Data Acquisition (JPL), Dr. Torrance Johnson (Galileo Project Scientist - JPL)
6/11/92 - 1:10:00

AVC-1992-140C1M **American Academy of Achievement Award**
A short production summarizing the history of JPL with an introduction by Dr. Stone. Narrated by George Alexander. The tape is for use in a ceremony honoring Dr. Stone.
6/18/92 - 2:50

AVC-1992-144C1M **Magellan Science Seminar**
Venusian Valleys and Channels
Speaker: Dr. Victor Baker, University of Arizona
6/24/92 - 61:00

AVC-1992-145T1M **Rocky IV**
An unrehearsed test conducted of the micro rover vehicle called Rocky IV on June 24, 1992 in the Arroyo. The test shows NASA Managers current software technology development for planetary micro rover vehicles.
Ch.1: Narration; Ch.2: Effects
7/24/92 - 4:54

AVC-1992-146T1M **Surveyor Silver Anniversary**
A three-camera videotaping in von Kármán Auditorium. Speakers: Moustafa T. Chahine, Edward C. Stone, Eugene Shoemaker, Ray J. Wall, David P. Miller, Arthur L. Lane, Wesley T. Huntress,

Jr., George Alexander, Joy Crisp, William Kaiser
6/26/92 - 90:00

AVC-1992-146T2M **Surveyor Silver Anniversary**
Part 2
6/26/92 - 37:00

AVC-1992-149T1M **From Surveyor To Galileo And Beyond**
An edited video of segments taken from Ranger 9, Surveyor 7, Galileo Earth/Moon Rotation, New High Resolution Earth and Mars.
6/26/92 - 4:28

AVC-1992-150C1M **Asteroid Series**
Four segments from "NASA Today" programs broadcast during the month of May 1992. The programs explore the efforts of scientists & engineers to track asteroids that may pose a threat to Earth. Ostrou & Florance Helin are interviewed.
16:00

AVC-1992-152T1M **Summary of the Ranger VII, VIII and IX**
First closeup TV pictures of the Moon taken before impact on the Lunar surface by Ranger VII, July 31, 1964; Ranger VIII, February 20, 1965; and Ranger IX, March 24, 1965.
7/68 - 28:24

AVC-1992-164C1M **Topex/Poseidon Press Briefing**
7/29/92 - 47:00

AVC-1992-165C1M **STS-50 Highlights Tape**
Dr. Eugene H. Trinh
8/3/92 - 3:00

AVC-1992-167C1M **Topex/Poseidon Press Release**
A one-camera shoot in various areas such as: The Control Room (SFOF), BLDG. 264, Topex/Poseidon animation
8/10/92 - 7:00

AVC-1992-168C1M **Topex/Poseidon Launch**
Taped off the satellite originating from French Guiana
8/10/92 - 75:00

AVC-1992-169C1M **Topex/Poseidon Launch (Control Room,SFOF) Raw Footage**
Shots taken in the Control Room (SFOF), prior to Topex/Poseidon launch
8/10/92 - 45:00

AVC-1992-170C1M **Venus Press Briefing**
A three-camera videotaping in von Kármán Auditorium. Speakers: Douglas Griffith, Dr. Steve Saunders, Dr. Thomas Donahue, Dr. Paul Steffes, Dr. James Head, Dr. David Sandwell, Dr. Ronald Greenley
8/11/92 - 58:00

AVC-1992-171C1M **Auditorium shots of Topex/Poseidon Launch**
Random camera shots taken in the von Kármán Auditorium during the Topex/Poseidon Launch
8/10/92

AVC-1992-172T1M **Mars Observer Pre-Launch Press Release**
B Roll footage of assembly. No Narration
8/14/92 - 4:30

AVC-1992-173T1M **The Clouds of Venus - 1962**
The story of Mariner II, the first spacecraft to fly by and report on the planet Venus.
29:23

AVC-1992-174C1M **"What A Site!"**
Magellan Science Seminar
A three-camera videotaping in von Kármán Auditorium of a talk with slides and viewgraphs by three speakers: Tommy Thompson, Dr. Alexander Basilevsky and Cathy Weitz.
8/19/92 - 50:00

AVC-1992-175C1M **Mars Observer Press Conference**
Live from NASA headquarters
8/19/92 - 1:13:20

AVC-1992-181C1M **A Voyage To The Planets**
8/27/92 - 10:45

AVC-1992-183C1M **Solar System Visualization Collection #1**
International Space Year - 8/31/92
Voyage to The Planets (10:45)

Galileo Earth/Moon Rotation Movies (3:50)
Galileo Gaspra Encounter (1:55)
Gaspra Topography (:57)
From Surveyor To Galileo & Beyond (4:28)
Mars Candor Chasma (1:00)
Voyager Science Summary (29:00)
50:35

AVC-1992-184C1M **Solar System Visualization Collection #2**
International Space Year - 8/31/92
Solar System Visualization for DRD talk (4:00)
Voyager Retrospective (3:00)
Magellan: Mapping The Planet Venus (9:00)
Collection of Magellan Venus Radar Mapping Results (15:04)
Galileo Earth Rotation Movie (2:16)
Global Ozone Concentration Movies (19:12)
Mars Candor Chasma (1:00)
Ulysses Encounter With Jupiter (5:00)
58:32

AVC-1992-188C1M **SIR-C Time Lapse Through July 1993**
One phase of SIR-C's construction filmed by a
time lapse camera over a period of days and
transferred & edited to video tape.
3/10/93 - 8:45 Silent

AVC-1992-191C1M **TOPEX/POSEIDON V-52 Launch**
Client: Bruce Hayes - He has Master
8/10/92 - 1:23:35

AVC-1992-193T1M **"Mapping The Martian World"**
The Mars Observer Mission
An edited video production describing a global
mapping mission of Mars using computer
animation and interviews to tell the story.
Ch.1: Narration; Ch.2: Music & Effects
9/10/92 - 7:14

AVC-1992-194T1M **MEMEX**
A production based on the book "Powers of Ten"
which illustrates the scale of objects found
in the universe, from the largest galexy to
the tiniest atom.
March 1992 - 15:00

AVC-1992-196C1M **Turning Night Into Day - From Orbit, The**

Spaceborne Imaging Radar-C (SIR-C)
S S O R C E
A three-camera videotaping in von Kármán Auditorium. Michael J. Sander talks about SIR-C in a 1 hour lecture
Speaker: Michael Sander, Project Manager
9/10/92 - 59:00

AVC-1992-198T1M **Monterey The Bay - Sanctuary Version**
An edited video production combining Monterey The Bay-Sanctuary footage and DIAL computer animation. The video is for display in the visitors center at the Monterey Bay Aquarium.
Client: Kevin Hussey
Ch.1: Narration; Ch.2: Effects
9/15/92 - 6:58

AVC-1992-200C1M **Rocky IV Demo & Mobility**
Production edited from previous Rocky IV footage. New material videotaped on VHS. For lecture purpose.
Client: Dr. Matt Golombeck
9/16/92 - 5:24 - Wild Track Audio

AVC-1992-202C1M **Mars Observer Pre-Launch**
Briefing from the Cape; Dave Evans, John Gibb, Len Fisk, Sid Soccier, James Womack, John Weems
9/24/92 - 1:01:00

AVC-1992-203C1M **Mars Observer Launch Coverage From JPL**
B-Roll Footage of Public viewing launch of Mars Observer from various locals around lab.
Wild Track Audio
9/25/92 - 25:00

AVC-1992-204 **MARS OBSERVER LAUNCH**
Coverage From Cape
9/25/92 - 95:28

AVC-1992-205C1M **Mars Observer Post-Launch Press Conference**
Coverage from Cape
9/25/92 - 25:00

AVC-1992-208T1M **Miniature Seeker Technology Integration - MSTI Video Update #2**

An edited production describing JPL'S new Low Cost mission of a satellite that uses off the shelf components and can be built in less than a year.
Client: E. Kane Casani
Ch.1: Narration
Ch.2: Effects
10/1/92 - 2:33

AVC-1992-211T1M **Autonomous Microrover Development At JPL**
An edited production showing four Microrovers in Arroyo and Death Valley test sites.
Ch.1: Narration; Ch.2: Effects
10/30/92 - 5:20

AVC-1993-004C1M **HRMS**
High Resolution Microwave Survey
Video source reel; media release tape on the HRMS project segments include: 334 meter antenna, Aerials, Timelapse, HRMS Control Room
10/7/92 - 15:41

AVC-1993-012C1M **NASA/KSC Video Release**
Includes: Mars Observer, Titan III Spacecraft Processing, Titan Vehicle, Mapping The Martian World, Launch, Isolated views
(Recorded-off NASA Television on Launch Day)
9/25/92 - 51:00

AVC-1993-013C1M **HRMS Dedication**
A single-camera documentation of HRMS
Includes all speeches and press Q&A
Speakers: Dr. Ed Stone, Dr. Gary Coulter, Dr. Mike Klein, Dr. Damuel Gulkins and Dr. Carl Sagan
10/12/92 - 1:23:00

AVC-1993-013C2M **Hand held shots of HRMS dedication, MSRT shots**
to tape #1, audio 3/4" background audio on #1 from house mix 10/12/92 - 45:00

AVC-1993-013C3M **HRMS Interviews**
Originally done of NASA Select "NASA TODAY"
Speaker: Samuel Gulkins, Project scientist
10/12/92 - 25:00

AVC-1993-013C4M **Continuation of interviews - Audio 1 & 2**
10/12/92 - 30:00

AVC-1993-013C5M **Interviews**
Audio 1 & 2
10/12/92 - 30:00

AVC-1993-013C6M **HRMS Interviews**
Audio 1 & 2
10/12/92 - 30:00

AVC-1993-018T1M **Cassini Probe Release**
Engineering Study
Scan conversion on the effect on the Cassini Spacecraft when the Huygens Probe is released.
No audio; Computer animation only
11/2/92 - 5:23

AVC-1993-030C1M **KECK - The First of a New Generation of Telescopes**
Dr. Edward Stone speaking at the Hughes Aircraft Company
The Lawerence A. Hyland Lecture Series Satellite Downlink
11/11/92 - 75:00

AVC-1993-053T1M **The Final Step To Jupiter**
A video production illustrating Galileo Earth II Encounter. The tape is to be used during encounter at the Smithsonian in Washington DC.
Ch.1: Narration; Ch.2: Effects
11/28/92 - 4:09

AVC-1993-054T1M **"Gaspra Flyby"**
Three 26 frame movies of the Gaspra Asteroid made from data acquired by the Galileo spacecraft.
STEREO
12/1/92 - 1:30

AVC-1993-055C1M **MSTI Launch**
11/21/92 - 30:00

AVC-1993-056C1M **STS-46 Mission Highlights Resource Tape**
(JSC 1273)
50:00

AVC-1993-057C1M **STS-47 Mission Highlights Resource Tape**
(JSC 1279)
1:00:00

AVC-1993-058C1M **STS-50 Video Highlights Resource Tape**
(JSC 1265)
49:30

AVC-1993-059C1M **STS-50 Special Events Resource Tape**
(JSC 1295)
1:11:00
Tape 1 of 2
Tape 2 of 2

AVC-1993-060C1M **Galileo Earth 2 Minus 7 Days Press Conference**
A three-camera videotaping in von Kármán
receiving the Gaspra Encounter and a preview
to the upcoming Earth 2 Encounter
Speakers: William O'Neil, Dr. T.V. Johnson,
Dr. Joseph Veuerka
12/1/92 - 1:10:00

AVC-1993-061T1M **Closest Approach Galileo Trajectory Animation**
UTC Timeline: 14:49:25-15:29:25
12/1/92 - 40:00

AVC-1993-062T1M **Post Encounter Galileo Trajectory Animation**
UTC Timeline: 15:29:25-16:49:25
12/1/92 - 1:20:00
Tape 1 of 2
16:49:25-18:09:25
12/1/92 - 1:20:00
Tape 2 of 2

AVC-1993-063T1M **Galileo Moon Flyby Press Release**
Three segments of computer animation
illustrating the Moon Flyby.
Silent
12/2/92 - 2:11

AVC-1993-067T1M **Pictures of Neptune-Taken by Voyager 2**
Transfer of images form still store of
Voyager's Flyby of Neptune
12/3/92 - 12:00

AVC-1993-069C1M **Galileo Moon Encounter 2**
Simulation and Images
Three separate movies of Galileo's Flyby
during Earth 2 Encounter
12/8/92 - 8:20

AVC-1993-070C1M **Galileo Earth Moon Encounter 2 - Simulation 1**
12/8/92 -

AVC-1993-071C1M **Galileo Earth Moon Encounter 2 - Simulation 2**

AVC-1993-072C1M **Galileo Earth/Moon 2 Blue Room Coverage**
Intro & Spacecraft Status
Status of LOS, Gravity Assist., Traj. display
and AV gain, closest approach, animation of
trajectory (Galileo-Earth, Earth-Jupiter), DSN
Coverage, Goldstone AOS, Spacecraft size recap
spacecraft status & review TV coverage
Speakers: R. Terrile, W. O'Neil
12/8/92 - 45:00

AVC-1993-072C2M **Galileo Earth/Moon 2 Blue Room Coverage**
Intro & Spacecraft Status
Lunar Encounter animation, Lunar encounter,
Final Step to Jupiter (Filmed narration)
sequence, Recap spacecraft status & review
T.V. coverage
Speakers: R. Terrile, Greeley, Johnson, Ausman, and
Buxbaum
12/8/92 - 60:00

AVC-1993-072C3M **Galileo Earth/Moon 2 Blue Room Coverage**
Intro & Spacecraft Status
Magnetospheric Experiment, Earth Rotation
Movie, Earth Encounter and Life, Recap and
Editorial Comment
Speakers: R. Terrile, Kurth, C. Sagan
12/8/92 - 45:00

AVC-1993-073C1M **Galileo Earth/Moon 2 Encounter Press Conference**
A four-camera videotaping in von Kármán Auditorium
Speakers: Dr. W. Huntress, William O'Neil,
Neal Ausman, Dr. T. Johnson, Dr. R. Greeley
12/8/92 - 1:22:00

AVC-1993-074C1M **A Search for Life on Earth with the Galileo**

Spacecraft
A three-camera videotaping of Carl Sagan's presentation of the Galileo spacecraft's ability to detect life on Earth.
12/9/92 - 1:06:00

AVC-1993-075C1M **STS-46 Special Events Resource Tape**
(JSC 1291)
1:27:00
Tape 1 of 2

Tape 2 of 2
1:27:00

AVC-1993-076C1M **STS-47 Special Events Resource Tape**
(JSC 1292)
1:40:30
Tape 1 of 2
Tape 2 of 2
1:40:30

AVC-1993-080C1M **Mariner 2 30th Anniversary Press Release Tape**
Clips from AVC-1992-173 "The Clouds of Venus" used as a press release W/O audio
No Audio - Video only
12/14/92 - 2:39

AVC-1993-091T1M **JPL Year End Review**
A short update of significant events that JPL participated in during 1992.
Narrated by George Alexander for broadcast over NASA Select T.V. (Stealey / Semerano)
1/7/93 - 3:00

AVC-1993-092C1M **ROSAT: Dark Matter**
News Release
1/5/92 - 1:26

AVC-1993-093T1M **Galileo Probe Spacecraft Mission to Jupiter**
(News Release)
Animation of The Galileo Probe entering the atmosphere of Jupiter. Some construction of Probe shots included, tape footage from Ames
1/14/93 - 9:00

AVC-1993-097T1M **Galileo Earth/Moon 2 Real Time Pictures**

Recorded live during Encounter (Duca, Martin, Ziats)
12/8/92 - 28:00

AVC-1993-103T1M **1992 Local-Remote Telerobotics**
An edited video production demonstrating computer-aided telerobotic technology from a local site to remote site
Ch.1: Narration; Ch.2: Effects
2/3/93 - 7:06

AVC-1993-109C1M **SIR-C "XSS Antenna Mating"**
BLDG. 179 - Raw Footage
2/16/93 - 44:00

AVC-1993-110C1M **JPL A Tradition of Discovery**
1993 Version
9:00

AVC-1993-113T1M **HAZBOT III**
Emergency Response Vehicle
An edited production demonstrating a robotic vehicle, Hazbot 3, responding to a hazardous material spill in building 305.
2/19/93 - 7:47

AVC-1993-114C1M **Topex Animation**
1. Topography of the World Ocean by Topex/Poseidon NASA/CNES
2. Currents of the World Ocean, a joint Us/France Space Mission
This was produced by Denise P. Leconte with scientific guidance of Dr. Lee-Lueng Fu
February 1993 - 4:34

AVC-1993-117C1M **Topex/Poseidon Press Conference**
Includes animation 4 camera videotaping live on NASA Select Client: PIO (Stealey)

Speakers: Charles Yammarone, Jr. Proj. MGR.(JPL) Philippe Escudier, French Proj. Scientist (CNES), Dr. Lee-Leung Fu, Proj. Scientist (JPL), Michael Lifebure, French Proj. Scientist, (CNES),Byron Tapley, Science Team member, University of Texas, Dr. James Mitchell, Science Team member, Naval Research Laboratory, Stennis Space Center, Jean-Francois Minister, science team member(CNES)

2/26/93 - 1:20:00

AVC-1993-118C1M **STS-52 Special Events Resource Tape**
(JSSC 1293) 2:46:00, Tape 1 of 2
2:46:00, Tape 2 of 2

AVC-1993-124T1M **Miniature Seeker Technology Integration - MSTI**
An edited video production describing one of JPL's new low cost missions called MSTI. A satellite built with off the shelf hardware in less than a year.
Ch.1: Narration; Ch.2: Effects
3/9/93 - 2:31

AVC-1993-125C1M **STS-52 Mission Highlights**
(JSC 1284) 49:30

AVC-1993-127C1M **Soft X-Ray Telescope**
Produced by Lockheed Corp., the video shows the launch of the X-Ray Telescope which was sponsored by both the United States and Japan. Included are several images of the Sun and its corona as seen through this instrument.
Silent
4/21/92 - 6:00

AVC-1993-131C1M **Topex/Poseidon Observation of the El Niño**
By the Naval Research Lab, Stennis Space Center
2/26/93 - 6:30

AVC-1993-133C1M **STS-54 Special Events Resource Tape**
(VJSC 1310) Tape 1 of 2
1:37:00

AVC-1993-133C2M Tape 2 of 2, 1:37:00

AVC-1993-134T1M **Kennedy Laser Disc Project**
A three-minute edited production of a visual overview of JPL to be used in the Visitors Center at The Kennedy Space Center
3/24/93 - 3:30

AVC-1993-136C1M **Magellan: The Next Generation, The transition**
form radar to Gravity Science, Aerobraking, and circular Orbit Operations
Flight Projects Office

A three-camera videotaping in von Kármán Auditorium
Audio Mixed - No SUB MASTER
3/26/93 - 44:39

AVC-1993-139C1M **Galileo Compilation Tape**
Blue Room - Tape 1
Bill O'Neal (AVC-1993-072)
Blue Room - Tape 2
Neal Ausman (AVC-1993-072)
3/31/93 - 50:00

AVC-1993-139C2M **Galileo Compilation Tape**
Earth/Moon 2 Encounter Press Conference (AVC-1993-073)
Earth/Moon 2 Encounter Rotation Movie (AVC-1993-073)
3/31/93 - 84:00

AVC-1993-144C1M **A Summary Of Magellan Results**
Magellan Science Seminar
A three-camera videotaping of a talk by Tommy Thompson in von Kármán Auditorium.
4/14/93 - 56:00

AVC-1993-147C1M **STS-54 Mission Highlights Resource Tape**
(JSC 1309) 48:15

AVC-1993-150T1M **"Coronae, Chasmata, and Terrestrial-Like Subduction on Venus"**
Magellan Science Seminar
A three-camera videotaping of a talk by Gerald Schubert in von Kármán Auditorium.
5/5/93 - 62:00

AVC-1993-153C1M **MESUR Airbag Impact Attentuation Subsystem**
Tests of the MESUR airbag systems performed at the Sandia National Laboratory
Silent
5/17/93 - 4:30

AVC-1993-154C1M **Galileo: Ready for IDA...Next Stop, Jupiter**
Flight Projects Office
A three-camera videotaping explaining the IDA and Jupiter encounter.
Speakers: Dr. Karen L. Buxbaum and James C. Marr IV
5/17/93 - 58:00

AVC-1993-158C1M **1. Dione Regio - Ushas, Innini, and Hathor Mons**

2. Beta & Atla Regio - Gravity, Topography and Radar results
3. Ovda Regio - Western Aphrodite Terra and Adivar crater
Collection of three computer generated flyover of Venus. Also
available on AVC-1991-091
5/26/93 - 7:37

AVC-1993-159T1M **Magellan Aerobraking Press Conference**
From NASA Headquarters
Speakers: Douglas Griffith, Steve Saunders, Ellen Stofan, Wes Huntress, William Sjiogren
5/26/93 - 1:10:00

AVC-1993-161T1M **ATM-Lunar Rover Demo**
An edited video production demonstrating remote networking of a microrover using fiber optic links.
Ch.1: Narration; Ch.2: Effects
5/27/93 - 3:32

AVC-1993-161T1M **ATM-Lunar Rover Demo**
An edited video production demonstrating remote networking of a microrover using fiber optic links.
Ch.1: Narration; Ch.2: Effects
5/27/93 - 3:32

AVC-1993-163T1M **MSTI Data Processing**
A production utilizing mostly computer graphics showing how the MSTI Spacecraft performed its mission. The production concludes with an animated flyover of the BAJA peninsula based on data acquired by the spacecraft.
Ch.1: Narration; Ch.2: Music & Effects
6/4/93 - 6:30

AVC-1993-167C1M **TOPEX/POSEIDON: Monitoring Earth's Oceans from Space Flight Projects Office**
A three-camera videotaping in von Kármán Auditorium, featuring Rod Zieger, mission manager and Terry Adamski, Flight Operation Manager. Discussed the Topex Mission and results up to Feb. 1993.

6/14/93 - 59:15

AVC-1993-168C1M **Venus: Then and Now**
Magellan Science Seminar
A three-camera videotaping of a talk by Dr. Steve Saunders in von Kármán Auditorium.
6/16/93 - 53:40

AVC-1993-169T1M **MESUR/Pathfinder Half scale testbed Flight Test #1**
June 11, 1993
Part #1 - 26:35
Part #2 - 18:48
Coverage of half scale model parachute test at California City, CA. Collections of shots four various sources. Parachute test was unsuccessful.
6/16/93

AVC-1993-171T1M **MESUR - Mars Environmental Survey**
An edited video production showing current research and tests in the Pathfinder Project. Project members describe their particular research.
Ch.1: Narration; Ch.2; Effects
6/17/93 - 6:24

AVC-1993-172C1M **STS-55 Special Events Resource Tape**
3/4" tape from NASA - Johnson Space Center
Tape 1 - 1:00:00
Tape 2 - 31:00
May 1993

AVC-1993-175T1M **Visible/IR Milky Way Comparison**
A series of images illustrating the trajectory and results of the SIRT-F Mission.
7/8/93 - Length?
Silent

AVC-1993-177C1M **Cassini: Mission To Saturn**
Flight Projects Office
Christopher Jones and Linda Horn's lecture covered by three cameras in von Kármán. Discussion includes: Scientific Instruments, Flight Path and Cassini Science at Saturn.
Audio Mixed

AVC-1993-178 **STS-53 Special Events**
Resource Tape
(JSC 1298) 22:30

AVC-1993-179 **STS-57 Special Events**
Resource Tape
(JSC 1357) 57:30

AVC-1993-180 **HISPASAT AND INSAT LAUNCH**
On Arianespace V58. Launch at 30 minutes.
07/22/93 - 90:00

AVC-1993-181TIM **W.M. KECK OBSERVATORY:**
A New Window into the Universe
An edited production. Includes a description of the world's largest telescope, shows a time lapse of the construction of the observatory, and interviews of participants involved. Participants include:
Sandra Faber, Astronomer, U.C. Santa Cruz
Jerry Nelson, Keck Telescope Project Scientist
Walter Cronkite
Ed Stone, V. P. CalTech
Aarne Hass, C.A.R.A. Engineer
Jerry Smith, Project Manager
The Observatory is located on Mauna Kea, Hawaii. Sponsoring Institutions are California Institute of Technology, NASA & University of California. W.M. Keck Foundation, Donor.
Site: Audience: Gen.
Client: Dawson/Photo Lab
Master: 1"C Stored: CLIENT Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
Web Site:
http://astro.caltech.edu/mirror/keck/index.html
Master is in JPL Photo Lab archives.
09/20/93 - 0:12:38 Producer: Dawson / Savona

AVC-1993-182CIM **STS-56 Special Events.**
Resource Tape
(JSC 1346) 1:15:00

AVC-1993-182C2M **STS-56 Special Events**
Part 2
(JSC 1346) 1:15:00

AVC-1993-184C1M **STS-56 Mission Highlights**
Resource Tape
(JSC 1345) 54:45

AVC-1993-190C1M **"SIR-C Time Lapse at KSC"**
Time lapse of SIR-C Antenna activities at
Kennedy Space Center. Included at beginning
is regular footage showing arrival of antenna
at KSC. All footage are film-to-tape
transfers provided by the JPL photo lab.
11/16/93 - 12:00 Silent

AVC-1993-191T1M **Magellan Press Release Videotape**
#1 Upper Atmosphere Composition and O-C02 Radiative
Cooling
08/10/93 - 2:22
#2 Aerobraking to Circular Orbit
08/10/93 - 1:53

AVC-1993-192C1M **Magellan Press Conference**
"Magellan Aerobraking to Circular Orbit: The
Atmospheric Drag Experiment".
MAGELLAN PROJECT SCIENTIST: Steve Saunders
Speakers: Bob MacMillin (Manager PIO),
Doug Griffith (Magellan Project Manager)
Tavormina (Magellan Deputy Mission Dir.)
Gerald Keating (Sr. Research Scientist)
A five-camera videotaping in von Kármán Auditorium.
08/10/93 - 1:07:03

AVC-1993-193C1M **Mars Observer Launch Activities**
At beginning of tape is "Mapping The Martian World";
edited version of AVC-1992-204C1M, C2M & C3M.
At the end of tape is "New Mars Observer
Orbit Insertion Animation".
Audio Mixed
08/9/93 - 42:00

AVC-1993-194C1M **STS - 55 Mission Highlights Resource**
(JSC 1339) 59:15

AVC-1993-198T1M **Mars Orbit Insertion Release**
MARS OBSERVER ORBIT INSERTION ANIMATION
An edited video production illustrating the
Mars Observer orbit insertion on August 24,
1993.

Aired on NASA Today.
Ch.1: Narration
Ch.2: Effects

AVC-1993-199C1M **Mars Observer Computer Animation Raw Elements**
Mars Observer computer animation elements visually describing the Mars Observer mission from launch to orbit insertion.
Computer animation released on 8/18/92 and 7/29/93
Disregard scenes 1 through 9
Scene 10 opening of solar panels - 14secs.
" 11 Mars Observer away from camera - 13secs.
" 12 MO Trajectory line at mars - 20secs.
" 13 MO deployment at mars - 1secs.
" 14 CU of MO - 25secs.
" 15 MO release from TOS - 12secs.
" Mars Orbit Insertion - 30secs.
" Mars Orbit Insertion Burn - 85secs.
Silent

AVC-1993-200T1M **Mars Observer Mission Status**
Glenn Cunningham conducts an impromptu discussion with the press on the status of the Mars Observer spacecraft, 24 hours after mission control lost contact with the spacecraft.
TRT - 08/23/93 - 22:50

AVC-1993-201T1M **Mars Observer Press Conference** 08/24/93, 10:00 A.M.
Five-camera coverage of Mars Observer press conference establishing the Mars Orbit Insertion procedures due the data link that was lost on Saturday, August 21, 1993.
Speakers include:
Dr. William L. Piotrowski, Acting Director Solar Exploration
Division/Nasa Headquarters;
Glenn Cunningham, Mars Observer Project Manager, Jet Propulsion Laboratory; Dr. Arden L. Albee, Mars Observer Project Scientist, California Institute of Technology.
Audio 1 & 2
08/24/93 54:00 Min.

AVC-1993-202C1M **Mars Observer Orbit Insertion Show**

A five-camera live to NASA Television Program covering events during orbit insertion. Hosted by Steve Wall. Guests are both live and pre-recorded. Client: Carolynn Young
Audio Mixed
8/24/93 - 1:27:00

AVC-1993-203T1SM **Mars Observer Press Briefing**
Glenn Cunningham entertains questions from the press on why the Mars Observer has not spoken up since MOI.
08/24/93 - 24 minutes MII Master

AVC-1993-204T1SM **Mars Observer Press Conference**
Glenn Cunningham Mars Observer Mission Manager updates the media on the loss of the Mars Observer radio signal.
08/25/93 - 17:21

AVC-1993-208C1M **Welcome to Outer Space**
Single screen version of the triple-screen multi-media show. A fast paced overview of the Jet Propulsion Laboratory for new employees and visitors to JPL. Depicts the history of JPL, past and future flight projects, and other JPL activities. Originally produced by Phil Neuhauser and Tom Woodward. New footage has been added to both update the original production and to accommodate 3 screen version for single screen presentation
08/27/93 - 22:00 Stereo.

AVC-1993-209C1M **Mars Observer and the Laboratory**
A three-camera videotaping of a talk by Dr. Edward Stone, Piotrowski and Dallas in von Kármán Auditorium.
08/27/93 - 17:00

AVC-1993-213T1M **Mesur Pathfinder Microrover**
FLIGHT EXPERIMENT 14 SEPTEMBER 1993
An edited video demonstrating a microrover flight experiment. The video includes interviews with engineers in the project.
09/14/93 7:28

AVC-1993-215CM **The Night Sky (4 shows tied)**

"PATH OF THE PLANETS"
Describes the path of the planets through the ecliptic plane. TRT 15:00
"SATURN RINGED WONDER"
Saturn's view tones and history of observing the planet are discussed. TRT 13:51
"A BINOCULAR TOUR THROUGH THE NIGHT SKY"
Astronomy using binoculars, what objects are the best to view. TRT 14:28
"OBSERVING THE NIGHT SKY"
Observing the night sky introduces viewers on how to use telescopes and binoculars on viewing the night sky.
All programs hosted by David Seidel)

AVC-1993-216CM **The Night Sky**
METEORS AND ASTEROIDS
Steve Edberg explains how to take pictures of meteor trails and Karen Buxbaum talks about Galileo - IDA encounter. 15:07
THE SEASONS AND THE STARS
David Seidel describes the seasonal changes and the star of the seasons. 13:07
SUMMER STARS
David Seidel takes us through a tour of the summer constellations. 14:46
THE NIGHT SKY
Rich Terrile hosted the program pilot with Steve Edberg. Lunar eclipses were discussed.
Split Audio Ch. 1: Narration; Ch. 2: Music - 13:07
AVSO production

AVC-1994-002C1M **STS-53 Mission Highlights**
Resource tape
DOD Mission launched 12/2/92
(JSC 1297) 49:00

AVC-1994-003C1M **A Testbed for Future Missions**
Edited production explaining the flight system testbed and ability to test flight hardware in a variety of configurations. Kane Casani explains the creations of the testbed and the Mesur systems being tested in the testbed.
Ch.1: Narration; Ch.2: Music

AVC-1994-004C1M **NSCAT Project Antenna**
Deployment Tests

July 1992-30:00

AVC-1994-007T1M **HAZBOT III**
EMERGENCY RESPONSE VEHICLE
A reedited shorter version of a demonstration held in, February 1993, that shows a robotic vehicle, Hazbot III, responding to a hazardous material spill in building 305. Original full-length version can be found on AVC-1993-113.
Ch.1: Narration; Ch.2: Effects
2/19/93 - 3:38

AVC-1994-008 **An Overview Of Ulysses Science Results**
Dr. d. Edgar Page, ESA Science Coordinator
Discussed results of Ulysses Mission To The Sun.
10/14/93 - 58:16

AVC-1994-010C1M **1993 Challenge Awards Student Project**
Student project--Earth observations by the Astronauts in support of the Shuttle Imaging Radar.
Five students explain what they have studied at JPL's remote sensing lab, using visuals of the Earth taken by shuttle astronauts.
10/18/93 - 5:00 Audio Mixed (Short Version)

AVC-1994-011T1M **Multi-Sensor Remote Surface Inspection**
An edited video production demonstrating a multi- sensor robotic platform. The platform is maneuvered around with a 7 degree robotic arm. The program briefly describes how this technology could help astronauts work on orbital replacement units which are attached to space structures. The video is intended for broadcast over NASA television to introduce a live remote telerobotic demonstration between JPL and JSC.
Ch.1: Narration; Ch.2: Effects and Music
10/23/93 - 5:35

AVC-1994-020-1/1 **STS-57 Mission Highlights Resource Tape**
Space Shuttle Endeavour retrieval of a European satellite EURECA. Also carried aboard is a privately-developed mid-deck module SPACEHAB. Included 13 commercial experiments,

1 NASA experiment, 3 Get Away Specials (GAS), FARE, AMOS, and some EVA tests.
VJSC1356
10/28/93 - 0:59:30 - 3/4"

AVC-1994-022C1M **P.O.S.S.E. Video Support System**
A pilot for the public outreach for Solar System Exploration organization. The production illustrates how current multi-media technology can assist NASA representatives to better communicate their message on the importance of space exploration in the course of their public speaking engagements.
Contains three end to end segments produced specifically for this production entitled, "The Moon", "Sample Return" and "Remote Sensing" that are mastered on AVC-1994-023.
Stereo Mix
11/01/93 - 16:50

AVC-1994-023C1M **P.O.S.S.E. Segments entitled, "The Moon",** "Sample Return", "Remote Sensing", "Benefits and Spinoffs" and "Future Missions"
Five short videos originally produced for the public outreach for Solar System Exploration group. Each segment is approximately 3 minutes in length.
Ch.1: Narration; Ch.2: Music
11/01/93

AVC-1994-028T1M **An Operational Overview of the Ulysses Instruments**
A three-camera videotaping of the results of Ulysses science instruments. Presented in three parts:
Part 1 - Roger Hess: Unified Radio and Plasma
Part 2 - John Phillips/Bruce Goldstein: Solar Wind observation over the Poles of the Sun.
Part 3 - Kevin Hurley: Solar X-Rays and Cosmic Gamma Ray Bursts
Part 1 - 39:32
Part 2 - 40:12
Part 3 - 25:00
Audio Mixed - 11/8/93

AVC-1994-031C1M **STS-61 Pre-Flight Press Conference**

Included on tape is EVA Task Animation
concerning Hubble Space Telescope Servicing
Task.
NOTE: Missing introduction.
Recorded off NASA Television from Goddard
Space Flight Center.
11/18/93 - 1 hour and 40 minutes

AVC-1994-033C1M **Hubble Space Telescope Mission Overview Press Conf.**
Speakers: Ken Ledbetter, Joe Rothenbuge, Dr.
Dave Leckrone and Dr. Ed Weiler
Recorded off NASA Television from Goddard
Space Flight Center
11/18/93 - 90:00
Tape 2 - 11:00

AVC-1994-034C1M **Hubble Space Telescope Technical Presentations**
Related presentation to STS-61 Mission
Speakers: Larry Simmons, Dr. John Trauger, Jim
Crocker, Dr. Holland Ford and Derek Eaton
11/18/93 - 1:12:00

****AVC-1994-035T1M **Wide Field/Planetary Camera II Press Release Footage**
1st segment: JPL Clean Room Coverage - :36
2nd segment: Computer animation of Camera - :45
3rd segment: Insertion Footage of WFPC II at Goddard - 3:13
4th segment: JSC animation of changeout of cameras - 1:44
This raw footage is for release purposes at
the cape during the STS-61 Hubble Servicing
Mission.
11/22/93 - 5:38

AVC-1994-042C1M **Hubble Space Telescope Top 10 Greatest Hits**
Discoveries from the Horizons of Space and Time
A compilation of HST Images and Animations:
The Case of the Disappearing Galaxies
A Fuel Tank for a Cosmic Engine
Embryonic Solar Systems
"X" Marks the Spot for a Hidden Black Hole
When Galaxies Collide
A Jurassic Park in Space
A Cannibalistic Neighbor
Close Encounters of the Stellar Kind
A Young Relic from a Stellar Thermonuclear Bomb

Homing in on the Hubble Constant
Excellent source material for Producers and Editors. For more information contact: Sarah Keegan, NASA Hqs., (202) 358-1547 or Ray Villard Space Telescope Science Institute, (410)338-4514
11/30/93 - 7:02

AVC-1994-043C1M **NSCAT**
Engineering Balloon Deployment Tests
1st - Test Events 7&8. Pneumatic Release - 6:50
2nd - Balloon Handling Activities - 4:22
3rd - Deployment Tests 1 through 13 - 22:43
NOTE: Photo Lab Production (Tom Wynne/Savona) AVSO added music and titles to photo lab production; no music was added to 3rd segment.
October & November 1993
Audio Unmixed: Need to play in mixed mode to duplicate.

AVC-1994-044C1M **The Night Sky**
4 shows tied together
#1 Promo #1 - 51 seconds
Promotes A Lunar Eclipse
Promo #2 - 56 seconds
Use of Astrophotography in taking pictures of the Lunar Eclipse
TOTAL LUNAR ECLIPSE
A Lunar eclipse occurring on November 28-29, 1993 is the topic of this program viewing tips and astrophotography are discussed - 16:32
#2 The Autumn Sky and Constellations
David Seidel conducts a tour of the autumn stars and explains the Andromeda myth using the constellations - 15:03
#3 The November Sky
Shot at Dryden , this program tours the November Sky and gives an overview of the space link/orbitrac computer program - 13:46
#4 Phases and Craters of the Moon
David Seidel explains and demonstrates the phases of the moon using models and demonstrates how craters were made on the moon - 14:26
Audio is mixed on all programs. Each program is separated by 5 seconds of black.

AVC-1994-045T1M **"SKICAT"**
Sky Image and Cataloging Analysis Tool
This 18-minute edited video production steps through the SKICAT software program, explains how it is able to catalogue astronomical objects too small for naked-eye astronomical classification.
12/3/93 - 18:47
Ch.1: Narration; Ch.2: Music

AVC-1994-047C1M **"STS-59 Endeavour Space Radar Lab I Antenna Installed on Pallet"**
Raw footage of SIR-C installation.
Location: KSC
Master is Betacam dupe.

AVC-1994-050T1M **STS-61 Mission Highlights**
Hubble's First Servicing Mission
An edited video capturing the mission highlights of STS-61's EVAs. The program includes all 5 spacewalks with special emphasis on JPL's Wide Field/Planetary Camera II installation.
Ch.1: Narration; Ch.2: Music
12/17/93 - 11:17

AVC-1994-051C1M **Hubble Space Telescope Servicing Mission Briefings**
Countdown Status Briefing of STS-61
Mike Linbach, Glenn Snyder and Ed Precilac
14:00
HST Servicing Mission Overview
Randy Brinkley, Ken Ledbetter and Joseph Rothenberg
51:10
HST Science Overview
Dr. David Loncrone and Ed Wiler
11/29/93 - 25:00
Taped off NASA Select Television from KSC
End of part 1
Part 1 of 3 - Audio Mixed

AVC-1994-051C2M **Hubble Space Telescope Servicing Mission**
Briefings HST Science Overview continued from tape 1
27:00
HST Technical Presentations
Larry Simmons, John Trauger, Jim Crocker,

Holland Ford and Derrick Eaton.
11/29/93 - 33:00
Taped off NASA Select Television from KSC
Part 2 of 3 - Audio Mixed

AVC-1994-051C3M **Hubble Space Telescope Servicing Mission**
Briefings
HST Technical Presentations concludes
11/29/93 - 23:00
Taped off NASA Select Television from KSC
Part 3 of 3 - Audio Mixed

AVC-1994-052C1M **STS-61's Wide Field/Planetary Camera II Coverage**
This is moment-to-moment coverage recorded live off NASA Select Television as it transpired on 12/6/93. It is unedited footage of astronauts preparing to remove WFPC-I from the Hubble Space Telescope.
12/6/93 - 90:00
Part 1 of 3

AVC-1994-052C2M **STS-61's Wide Field/Planetary Camera II Coverage**
This is moment-to-moment coverage recorded live off NASA Select Television as it transpired on 12/6/93. It is unedited footage of WFPC-I's removal and WFPC- II's installation into the Hubble Space Telescope.
12/6/93 - 90:00
Part 2 of 3

AVC-1994-052C3M **STS-61's Wide Field/Planetary Camera II Coverage**
This is moment-to-moment coverage recorded live off NASA Select Television as it transpired on 12/6/93. It is unedited footage of the final moments of WFPC-II's installation into the Hubble Space Telescope.
At 35 minutes into tape, coverage of Magnetometer installation begins through to the end of tape.
12/6/93 - 90:00
Part 3 of 3

AVC-1994-054T1M **JPL Year-End Review 1993**
Reprise of the highlights which marked JPL's
continuing role in the exploration of space
during 1993.
Produced for Broadcast over NASA Select Television.
Introduced and Narrated by Frank O'Donnell
12/22/93 - 3:50
Audio Unmixed

AVC-1994-055C1M **SIR-C Educational Collection**
A series of video productions depicting remote
sensing programs.
1. Insight to Global Change
2. Magellan: Mapping the Planet Venus
3. Artemis
4. SIR-C Time Lapse
5. 1993 Challenge Awards
6. NASA Today
7. NASA's DC-8
12/1/93 - 46:00
Audio Mixed

AVC-1994-056C1M **STS-61 Post Flight Press Conference**
The astronauts recount their experiences
during the first Hubble Space Telescope
Servicing mission onboard STS-61.
Taped off NASA Select Television from the
Johnson Space Center. Q and A follows.
1/4/94 - 1:35:00
Part 1 of 2

AVC-1994-056C2M Part 2 of 2 - 5:00
NOTE: 2:40 overlap between Part 1 and 2

AVC-1994-057C1M **Mars Observer Failure Investigation Final**
Report Press Conference
This press conference originated from NASA H.Q.
Moderator: Don Savage, NASA HQ. P.A.O.
Speakers: Dr. Timothy Coffey, Director of
Research Naval Research Laboratory;
Dr. Edward Stone, Jet Propulsion Laboratory;
Dr. Wes Huntress, Associate Adminstrator,
Space Science NASA. Q and A follows.
1/5/94 - Part 1 of 2 - 1:00:00

AVC-1994-057C2M 1/5/94 - Part 2 of 2 - 28:00

AVC-1994-060C1M **Hubble Space Telescope First Picture Press Release**
The following is B-Roll footage for release on 1/13/94:
1. Comparison of HST Wide Field Planetary Camera (WFPC)-1 to WFPC-2 of galaxy M100;
2. HST WFPC-2 wide field view of galaxy M100;
3. B-Roll scenes of scientists and engineers looking at computer display; WFPC-2 mated to shuttle storage compartment; astronauts lifting WFPC-2 out of storage case; astronauts installing WFPC-2 into HST;
4. Computer animation of WFPC-2 - Science Telescope Institute animation that shows light passing through camera;
5. More B-Roll footage of WFPC-2 in cleanroom environment;
6. COSTAR's articulating mirrors;
7. Astronauts installing COSTAR into HST;
8. COSTAR computer animation.
For more information contact: Sarah Keegan, (202) 358-1547, NASA HQ. Public Affairs
1/13/94 - 10:50
Audio Mono Mix

AVC-1994-062C1M **STS-59 Endeavour Space Radar Lab**
X-SAR / SIR-C Lifted into work stand in the SAEF II
JFK - Photographic Services Branch
Raw Footage of Film-to-Tape Transfer
8/2/93 - 0:03:00

AVC-1994-063C1M **STS-59 Endeavour Space Radar Lab # 1**
SIR-C/X-SAR Antenna Installation into work stand
JFK - Photographic Services Branch
Raw Footage of Film-to-Tape Transfer
11/12/93 - 0:05:30

AVC-1994-064C1M **STS-59 Endeavour Space Radar Lab** I
SIR-C/X-SAR Antenna installed on pallet
Cameraman 303
JFK - Photographic Services Branch
Raw Footage of Film-of-Tape Transfer
11/23/93 - 0:05:40

AVC-1994-065C1M **STS-59 Endeavour Space Radar Lab I**
SIR-C/X-SAR Moved to work stand

JFK - Photographic Services Branch
Raw Footage of Film-to-Tape Transfer
1/10/94 - 0:07:30

AVC-1994-066C1M **Hubble Space Telescope's First Corrected Image Press Conference**
Panel: Geoffrey Vincent, Peter Burr, Daniel Goldin, Dr. John Gibbons and Senator Barbara Mikulski
Taped off NASA Select Television from Goddard Space Flight Center
1/13/94 - 31:00

AVC-1994-067C1M **Hubble Space Telescope Science Overview Briefing**
Panel: Randee Exler, Dr. Ed Weiler, Dr. Dave Leckrone, Dr. John Trauger, Dr. Chris Burrows, Jim Crocker, Dr. Holland Ford and Dr. Duccio Macchetto
Taped off NASA Select Television from Goddard Space Flight Center
1/13/94 - 1:00:00
Part 1 of 2

AVC-1994-067C2M **Hubble Space Telescope Science Overview Briefing**
Panel: Randee Exler, Dr. Ed Weiler, Dr. Dave Leckrone, Dr. John Trauger, Dr. Chris Burrows, Jim Crocker, Dr. Holland Ford and Dr. Duccio Macchetto
Taped off NASA Select Television from Goddard Space Flight Center
1/13/94 - 18:00
Part 2 of 2

AVC-1994-068C1M **Hubble Space Telescope Spacecraft Overview Briefing**
Panel: Randee Exler, Ken Ledbetter, Frank Cepollina, Joe Rothenberg
Taped off NASA Select Television from Goddard Space Flight Center
1/13/94 - 45:00
Part 1 of 1
(Tape playbacks at end of tape)

AVC-1994-069C1M **Report on the JPL Mars Observer Loss-of-Signal Special Review Board**
Flight Projects Office
A three-camera videotaping in von Kármán Auditorium. R. Rhoads Stephenson discusses the findings of the JPL Special Review Board investigating the Mars Observer spacecraft failure.
1/14/94 - 1:36:00
Audio Mixed

AVC-1994-072-1/1 **Exploring The Solar System**
Collection of clips including: Mars The Movie, Miranda The Movie, Venus from Voyage to the Planet, San Andreas from L.A. The Movie, Earth's Oceans from Topex/Poseidon computer animation, Monterey The Bay, Gaspra, computer generated 3D imagery, Earth/Moon from Galileo Earth 2 Encounter, Jupiter Magnetosphere, Neptune, Voyager I and II Trajectories, Mimas, computer generated images of Mimas and Saturn. The program has no narration. Classical music is under all images. The tape originally produced for a lecture by Carl Sagan.
1/19/94 - 0:12:31 - 1"-C
Audio Mixed

AVC-1994-073-1/2 **STS-58 Special Events Resource Tape**
Space Shuttle Columbia - SLS-2 Mission (Spacelab Life Sciences-2) TRT 1:21:30
From Johnson Space Center
Production #VJSC1384
1:00:00 - 3/4"

AVC-1994-074-2/2 Tape 2 of 2 - 0:21:30 - 3/4"

AVC-1994-074-1/1 **1993 - A Year End Review**
Reviews the accomplishments, during 1993, of the NASA Centers around the country.
Tape off of NASA TV.
Note: The JPL segment hosted by Frank O'Donnell, (AVC-1994-054).
01/25/94 - 0:48:00 - s-VHS

AVC-1994-076-1/1 **The Night Sky**
4 shows tied together:
#1 "Exploring our Solar System" - A tour of

our Solar System using ground based and space based observation. A desk top planetarium program is used to explain motion of the planets.
January 1994 - 15:29
#2 "The Winter Sky" - A tour of the winter sky, constellations and stars. January 15th is used as a central date to the winter sky.
January 1994 - 15:30
#3 "Astronomical Terminology" - The desk top planetarium is used to visually define the terms.
January 1994 - 15:12
#4 "Types of Telescopes" - Reflectors, refractors and other types of telescopes are discussed. Diagrams of each telescope and its light gateway capabilities are defined.
January 1994 - 16:53
Each show is hosted by David Seidel.

AVC-1994-077-1/1 **JPL/GPS Global Positioning System Earthquake Studies Press Release**
1. Interviews with Dr. Thomas Yunck and Dr. Andrea Donnellan - JPL Tracking Systems and Application Section
2. Stock Footage of GPS receiver site in Santa Susana Mountains.
3. Animation of Global Positioning System.
2/4/94 - 0:12:35

AVC-1994-078-1/1 **Pluto Animation**
Pluto fast-flyby spacecraft during its closest approach with Pluto and its moon Charon. Animated by David Seal.
Silent - 00:10

AVC-1994-081-1/1 **The Night Sky - Feb-Mar, 1994**
1. "A Conversation with John Dobson" 2/14/94 - 13:55
Discusses amateur telescope construction with the inventor of the Dobsonian telescope mount.
2. "GPS Studying Earthquakes from Space" 2/23/94 - 11:39. Guest Dr. Andrea Donnellan, Geophysicist, discusses using the Global Positioning Satellite System to study plate tectononics on Earth.
All programs hosted by David Siedel

2/14/94 - TRT 0:14:55

AVC-1994-088-1/1 **Comets and Asteroids**
P.O.S.S.E. Series
A general overview of the role Comets and Asteroids may have played in the evolution of the solar system and perhaps in the history of life itself. Produced for the Public Outreach for Solar System Exploration committee. Site:
Audience type: General

AVC-1994-090-1/1 **SIR-C Construction through February 1994**
The assembly, testing and shipment of various Spaceborne Imaging Radar-C components. Incorporated into the video are time-lapse film transfers of activity at both JPL and Kennedy Space Center. Included are a series of stills made from available media showing the antenna under construction. Site: JPL/KSC
Audience type: Resource
Audio 1: Silent 2: Silent

AVC-1994-091-1/1 **Voyager in F major**
Images of Voyager's planetary encounters set to Bach's Brandenburg Concerto No. 2.

AVC-1994-096-1/1 **STS-59 Sharpedge Inspection in OPF, Highbay-1**
Photographic Services Branch of Kennedy Space Center documenting further SIR-C activities at KSC prior to launch. X9024-133, KSC94-40289
Audio 1: Nat sound 2:

AVC-1994-097-1/1 **Serpentine Robotic Arm**
A short demonstratiion of a new type of robotic arm being articulated during a simulated inspection. Produced for managers meeting.
Audio 1: Silent 2:

AVC-1994-100-1/1 **Galileo Press Conference - Moon of the Asteroid**
VTV-460 Ida
Press Conference examining the probable sighting of a natural satellite of the Asteroid Ida by the Galileo Spacecraft. Discussing what might prove to be the first visual evidence of a moon orbiting an

asteroid, a 5 member panel took questions from the press and other NASA centers during a live press conference held in the studio adjacent to von Kármán Auditorium. The panel was composed of 1) William J. O'Neil, Galileo Project Manager, JPL 2) Dr. Michael J.S. Belton, Team Leader, Solid State Imaging Investigation, National Optical Astronomy Observatories 3) Dr. Robert W. Carlson, Principal Investigator, Near Infrared Mapping Spectrometer, JPL 4) Dr. Clark R. Chapman, Team Member, Solid State Imagaging Investigation, Planetary Science Institute/SAIC 5) Dr. Torrence V. Johnson, Galileo Project Scientist, JPL.
Audio 1: Mono mix 2: Mono mix

AVC-1994-101-1/1 **STS-59 Rollover to VAB**
B-Roll of the Shuttle Endeavour being moved at Kennedy Space Center in preparation for launch of SIR-C.
A NASA/KSC video release.
Audio 1: Mono mix 2: Mono mix

AVC-1994-104-1/1 **SIR-C/X-SAR/STS-59 Computer Animation Press Release**
SHUTTLE ORBIT COMPUTER ANMIMATION 0:01:20
This prelaunch SIR-C/X-SAR computer animation combines Galileo Earth image data with a model of the shuttle to illustrate an artist's conception of the shuttle orbiting the Earth.
Second we see three colored ellipses eminating from the shuttle bay representing the three radar frequencies, I, Cand SUPERSITES 0:01:47
This prelaunch SIR-C/X-SAR computer animation usesa nineteen mission supersites.
Audio 1: Silent 2:

AVC-1994-105-1/3 **SIR-C/X-SAR, STS-59, L-14 Press Conferences**
MISSION OVERVIEW (0:18:00)
Al Pennington, Lead Flight Director,
SPACE RADAR LABORATORY OVERVIEW (0:43:00)
Miriam Baltuck, SRL-1 Program Scientist, Lew Wade, SRL-1
Mission Manager Kelly Humphries, moderator
SIR-C/X-SAR SCIENCE BRIEFING (1:05:00) -
on parts 1 & 2] Mike Sander, SIR-C Project Manager, JPL;

Manfred Wahl,
X-SAR Project Manager, DARA; Paolo Ammendola,
X-SAR Deputy Project Mngr, ASI; Diane Evans,
SIR-C Project Scientist; JPL Herwig Ottl, German
X-SAR Project Scientist Mario Calamia, Italian
X-SAR Project Scientist MAPS SCIENCE BRIEFING
(0:25:00) - Hank Riechle [part 3]
ASTRONAUT BRIEFING (0:53:00) Kevin Chilton,
Pilot Mission Specialists: Linda Goodwin, Rich
Clifford, Jay Sid Gutierrez, moderator
COMPUTER ANIMATION (0:04:00)

AVC-1994-105-2/3 **SIR-C/X-SAR, STS-59, L-14 Press Conferences**
Part 2 of 3.
03/29/94 - 1:00:00

AVC-1994-105-3/3 **SIR-C/X-SAR, STS-59, L-14 Press Conferences**
Part 3 of 3.
03/29/94 - 0:53:00 Producer: Borst
Total

AVC-1994-106-1/1 **SIR-C/X-SAR, STS-59, L-14 Press Conferences**
Condensed version of the 3/29/94 press
conferences (AVC-1994-105 parts 1-3. Intended
for playback to JPL employees Site: JSC
Audio 1: Mono mix 2: Mono mix
03/29/94 - 0:59:10

AVC-1994-107-1/1 **STS-61 Hubble Servicing and WF/PC Highlights**
Brief highlights of the Hubble Servicing
Mission shows the first comparison images from
the Wide Field\Planetary Cameras I & II.
Audio 1: Mono mix 2: Mono mix
04/01/94 - 0:03:29

AVC-1994-108-1/1 **SIR-C/X-SAR Insertion of Antenna into Cargo**
Bay & Door Closure
Raw resource footage, natural sound.
2/16/94 SRL P/L Into STS-59 Orbiter
3/3/94
Site: KSC
Audio 1: Mono mix 2: Mono mix
02/16/94 - 1:50:00

AVC-1994-112-1/2 **TRC Compilation Tape - JPL Computer Graphics**
JPL Teacher's Resource Center's master

duplication tape. Consists of:
AVC-1991-111 **JPL Solar System Visualization Project**
Magellan at Venus
Galileo at Jupiter
Voyager at Jupiter
AVC-1992-001 **Magellan: Mapping the Planet Venus**
AVC-1991-122 **Alpha Regio**
AVC-1991-092 **Western Eistla Regio**
--Sif Mons and Gula Mons
AVC-1991-031 **Western Ishtar Regio**
AVC-1992-024 **Artemis Chasma**
AVC-1992-105 **Western Atla Regio**
AVC-1987-026 **L.A. The Movie**
AVC-1988-087 **Earth The Movie**
AVC-1991-082 **Monterey The Bay**
AVC-1991-133 **Geological Tour of the Central Wyoming**
AVC-1993-084 **Galileo Earth/Moon 2**
--"Flight over the Moon"
--"Images of Earth"
--"A Last View of Earth"
Naval Research Lab - 1/4 Degree 5.5 Layer Model
Global Sea Level Changes - Comparison between the Topex/Poseidon Observations and a Numerical Ocean Model
AVC-1992-124 **Global Ozone Concentration Movies**
AVC-1994-112-1/2 **MARS**
AVC-1989-012 **Mars The Movie**
AVC-1991-018 **Radar Images of Asteroid 1989 PB**
AVC-1992-025 **Galileo: Gaspra Closest Approach Animation**
AVC-1989-154 **Voyager: The Last Picture Show**
AVC-1990-007 **Galileo, the Jovian Laboratory**
Jupiter Magnetosphere Computer Animation
AVC-1988-009 **Miranda The Movie**
Audio 1: Mono mix 2: Mono mix
1:46:00
04/04/94

AVC-1994-112-2/2 **TRC Compilation Tape - JPL Computer Graphics**
Part 2 of 2
Audio 1: Mono mix 2: Mono mix
04/04/94 - 0:19:30

AVC-1994-113-1/1 **SIR-C/X-SAR L-1 News Conference**
Participants:
Dr. Charles S. Kennel, Assoc. Admin., Mission

to Planet Earth; Prof. Heinz Stoewer, Managing Director, German Space Agency; Prof. S. Leschuitta, Chairman of Italian Scientific Committee; Brewster Shaw, Director Space Shuttle Operations; Robert Sieck, KSC Launch Director; Capt. Tyree Wilde, Air Force Staff Meteorologist; Dick Young, Moderator. Site: KSC
Audio 1: Mono mix 2: Mono mix
04/07/94 - 1:06:00 Producer: KSC/NASA TV

AVC-1994-116-1/1 **SIR-C/X-SAR/STS-59 Computer Animation Press Release**
1. SIR-C/X-SAR Shuttle orbits 9-12 Animation - A simulated view of shuttle orbits 9-12 around the Earth. Second, the radar instrument with L,C and X band antennas highlighted in three colors. Last, three colored elipses emanating from the antennas mounted in the shuttle bay, representing the three radar frequencies. (Approx. 2:15)
2. SIR-C/X-SAR Animation in Shuttle - A close-up of the Sir-C/X-Sar instrument highlighting the flexibility of the X-Sar instrument panels. (Approx. 0:00:30)
3. SIR-C/X-SAR/STS-59 Computer Animation Computer animation highlights the 19 global supersites using a cloudless AVHRR map of the Earth to show the locations to be studied by the shuttle-bourne instrument. (Approx. 0:01:45)
4. SIR-C/X-SAR Simulated Flight over Stove Pipe Wells, Death Valley, Calif. (00:01:40)
Audio 1: Mono mix 2: Mono mix
04/16/94 - 0:06:10

AVC-1994-117-1/1 **STS-59 Launch & Replays**
Launch of Shuttle STS-59 and the SIR-C/X-SAR payload. Launch at 0:13:00.
Site: KSC
Audio 1: Mono mix 2: Mono mix
04/09/94 - 0:43:26 Producer: KSC/NASA TV

AVC-1994-118-1/1 **SIR-C/X-SAR/STS-59 4/9/94 Mission Update**
Mission Update with Rob Navias.
Audio 1: Mono mix 2: Mono mix
04/09/94 - 0:00:00 Producer:

AVC-1994-119-1/1 **STS-59 Post Launch Press Briefing & Launch Replays**
0:16:20 Post Launch Briefing with
Loren Shriver, Launch Integration Manager and
Robert Sieck, KSC Launch Director.
0:32:30 Launch Replays
Site: KSC
Audio 1: Mono mix 2: Mono mix
04/09/94 - 0:48:50

AVC-1994-120-1/1 **SIR-C/X-SAR/STS-59 4/10/94 Flight Day 1**
Highlights
Scenes from Space Shuttle Endeavour including the
Space Radar Laboratory mission.
Site: JSC
Audio 1: Mono mix 2: Mono mix
04/09/94 - 0:31:00 Producer: JSC/NASA TV

AVC-1994-121-1/1 **SIR-C/X-SAR/STS-59 4/10/94 Mission Update & Status**
17:11 Mission Update with Rob Navias
31:00 Status Briefing with Randy Stone, STS-59
Mission Operations Director; Dr. Miriam
Baltuck, SRL-1 Pgm. Scientist, NASA-HQ;
Dr. Ed Stone, Director, JPL; Dr. Charles
Elachi, JPL Science Team Leader, SIR-C, JPL;
Prof. Heinz Stoewer, Managing Director German
Space Agency (DARA)
Site: JSC
Audio 1: Mono mix 2: Mono mix
04/10/94 - 0:48:11

AVC-1994-122-1/1 **SIR-C/X-SAR/STS-59 4/10/94 Flight Day 2 Highlights**
Scenes from Space Shuttle Endeavour including the
Space Radar Laboratory mission.
Audio 1: Mono mix 2: Mono mix
04/10/94 - 0:34:00 Producer: JSC/NASA TV

AVC-1994-123-1/1 **SIR-C/X-SAR/STS-59 4/11/94 Mission Update & Status**
20:00 Mission Update with Rob Navias.
31:42 Status Briefing with
Randy Stone, Mission Operations Director;
Dr. Diane Evans, JPL, SIR-C Proj. Scientist;
Dr. Herwig Oettl, Germany X-SAR Proj. Scientist.

Site: JSC
Audio 1: Mono mix 2: Mono mix
04/11/94 - 0:51:42 Producer: JSC/NASA

AVC-1994-124-1/1 **SIR-C/X-SAR/STS-59 4/11/94 Flight Day 3 Highlights**
Scenes from Space Shuttle Endeavour including the Space Radar Laboratory mission.
Audio 1: Mono mix 2: Mono mix
04/11/94 - 0:31:00 Producer: JSC/NASA

AVC-1994-125-1/1 **SIR-C: A Brief Visual History**
Documentation of certain phases of SIR-C's contruction set to the 2nd movement of Beethoven's 9th Symphony. Interspersed throughout the production are quotes from many of the pricipals involved in SIR-C's construction and assembly from inception to launch.
Audio 1: Mono mix 2: Mono mix
04/12/94 - 0:10:30 Producer: Semerano

AVC-1994-127-1/1 **SIR-C/X-SAR/STS-59 4/12/94 Mission Update & Status**
20:00 Mission Update with Rob Navias.
40:00 Status Briefing with Randy Stone, Mission Operations Director; Dr. Henry Reichle,MAPS Principal Investigator; Dr. Herwig Oettl, X-SAR Proj. Scientist, Germany; Bob Beale, Wave Forecasting Exp., John Hopkins Applied Physics Lab.
Site: JSC
Audio 1: Mono mix 2: Mono mix
04/12/94 - 1:00:00

AVC-1994-128-1/1 **SIR-C/X-SAR/STS-59 4/12/94 Flight Day 4 Highlights**
Scenes from Space Shuttle Endeavour including the Space Radar Laboratory mission.
Site: JSC
Audio 1: Mono mix 2: Mono mix
04/12/94 - 0:45:03 Producer: JSC/NASA TV

AVC-1994-129-1/1 **SIR-C/X-SAR/STS-59 4/13/94 Mission Update & Status**
17:21 Mission Update with Rob Navias.

31:20 Status Briefing with Randy Stone, Mission Operations Director; Dr. Jobea Way, SIR-C Ecology Experiment Rep.; Dr. Herwig Oettl, X-SAR Proj. Scientist, Germany; Dr. Mario Calomia, X-SAR, Italian Proj. Scientist.
Site: JSC Audience type: General
04/13/94 - 0:48:41 Producer: JSC/NASA TV

AVC-1994-130-1/1 **SIR-C/X-SAR/STS-59 4/13/94 Flight Day 5**
Highlights
Scenes from Space Shuttle Endeavour including the Space Radar Laboratory mission.
Site: JSC
04/13/94 - 0:30:45

AVC-1994-131-1/1 **SIR-C/X-SAR/STS-59 4/14/94 Mission Update & Status**
17:00 Mission Update with Rob Navias.
32:00 Status Briefing with Randy Stone, Mission Operations Director; Dr. Diane Evans, JPL, SIR-C Proj. Scientist; Cristiana Schmullius, X-SAR Science Team Leader.
Site: JSC
Audio 1: Mono mix 2: Mono mix
04/14/94 - 0:49:00

AVC-1994-132-1/1 **SIR-C/X-SAR/STS-59 4/14/94 Flight Day 6 Highlights**
Scenes from Space Shuttle Endeavour including the Space Radar Laboratory mission.
Site: JSC
Audio 1: Mono mix 2: Mono mix
04/14/94 - 0:32:00

AVC-1994-133-1/1 **SIR-C/X-SAR/STS-59 4/15/94 Mission Update & Status**
16:20 Mission Update with Rob Navias.
27:30 Status Briefing with Randy Stone, Mission Operations Director; Dr. Miriam Baltuck, SRL-1 Project Scientist; Dr. Herwig Oettl, X-SAR Proj. Scientist, Germany;
Site: JSC
Audio 1: Mono mix 2: Mono mix
04/15/94 - 0:43:50

AVC-1994-134-1/1 **SIR-C/X-SAR/STS-59 4/15/94 Flight Day 7**

Highlights
Scenes from Space Shuttle Endeavour including the Space Radar Laboratory mission.
Site: JSC
Audio 1: Mono mix 2: Mono mix
04/15/94 - 0:33:00

AVC-1994-135-1/1 **SIR-C/X-SAR/STS-59 4/16/94 Mission Update, Status**
12:43 Mission Update with Rob Navias.
15:38 Status Briefing with Dr. Charles Elachi, JPL Science Team Leader, SIR-C, JPL; Dr. Herwig Oettl, X-SAR Proj. Scientist, Germany.
34:47 Flight Day 8 Mission Highlights
Site: JSC
Audio 1: Mono mix 2: Mono mix
04/16/94 - 1:03:30

AVC-1994-137-1/1 **SIR-C/X-SAR/STS-59 4/17/94 Mission Update & Status**
11:30 Mission Update with Rob Navias.
12:00 Status Briefing with Randy Stone, Mission Operations Director; Dr. Diane Evans, JPL, SIR-C Proj. Scientist; Cristiana Schmullius, X-SAR Science Team Leader; Steve Wall, JPL.
Site: JSC
Audio 1: Mono mix 2: Mono mix
04/17/94 - 0:23:30

AVC-1994-138-1/1 **SIR-C/X-SAR/STS-59 4/17/94 Flight Day 9 Highlights**
Scenes from Space Shuttle Endeavour including the Space Radar Laboratory mission.
Site: JSC
Audio 1: Mono mix 2: Mono mix
04/17/94 - 0:41:21

AVC-1994-139-1/1 **SIR-C/X-SAR/STS-59 4/18/94 Mission Update & Status/Science Briefings**
14:30 Mission Update with Rob Navias.
6:00 Status Briefing with Rich Jackson.
35:00 SLR-1 Science Briefing with Dr. Mario Calomia, X-SAR, Italian Proj. Scientist; Dr. Diane Evans, JPL, SIR-C Proj. Scientist;

Dr. Herwig Oettl, X-SAR Proj. Scientist, Germany.
Site: JSC
Audio 1: Mono mix 2: Mono mix
04/18/94 - 0:55:30

AVC-1994-140-1/1 **SIR-C/X-SAR/STS-59 4/18/94 Flight Day 10**
Scenes from Space Shuttle Endeavour including the Space Radar Laboratory mission.
Site: JSC
Audio 1: Mono mix 2: Mono mix
04/18/94 - 0:28:00

AVC-1994-141-1/1 **SIR-C/X-SAR/STS-59 Post Landing and Wrap**
19:15 Post Landing Briefing with
Brewster Shaw, Director Space Shuttle Ops.;
Rich Jackson, STS-59 Entry Flight Director.
35:07 SLR-1 Wrap Up Briefing with
Neil Hernan, SIR-C Deputy Project Manager;
Manfred Wahl, X-SAR German Project Manager;
Paolo Ammendola, X-SAR Italian Project Manager;
John Fedoris, MAPS Project Manager.
Site: JSC
Audio 1: Mono mix 2: Mono mix
04/19/94 - 0:58:15

AVC-1994-142-1/1 **STS-61 Mission Highlights**
Special edit of AVC-1994-050
Hubble's First Servicing Mission
Audio 1: Mono mix 2: Mono mix
04/01/94 - 0:08:00

AVC-1994-144-1/1 **SIR-C/X-SAR STS-59 Computer Animation Collection**
4/18/94
0:00 Computer simulated flight over Isabela
Galapagos Islands, Ecuador
April 18, 1994 (1:35)
1:40 Computer simulated flight over Stove Pipe
Wells,Death
Valley, California
April 17, 1994 (1:40)
3:30 Fort Zinder, Sahara
Comparison of radar and optical observations
April 18, 1994 (2 :40)
6:20 Prince Albert, Canada
Comparison of radar and optical observations

for orbits 20 and 84
April 18, 1994 (2:15)
8:45 Prince Albert, Canada
Comparison of radar and optical observations
April 13, 1994 (2:10)
11:10 Shuttle Orbit Computer Animation
(orbits 6-1 2)
For Launch Press Conference
April 9, 1994 (2:40)
13:45 STS-59 Launch (1:55)
16:00 Supersites
For Prelaunch Press Conference
March 29, 1994 (1:50)
17:55 Shuttle Orbit Computer Animation
For Prelaunch Press Conference
March 29, 1994 (1:20)
Audio 1: Silent 2: Silent
04/18/94 - 0:19:21

AVC-1994-148-1/1 **SIR-C/X-SAR/STS-59 4/20/94 Landing and Replays**
9:00 STS-59 Landing at Dryden Space Flight Center
19:00 STS-59 Landing Replays
Site: JPL
Audio 1: Mono mix 2: Mono mix
04/20/94 - 0:28:00

AVC-1994-150-1/1 **STS-51 Mission Highlights Resources Tape**
Site: JSC
Audio 1: Mono mix 2: Mono mix
04/01/94 - 0:46:00

AVC-1994-153-1/1 **SIR-C/X-SAR Radar Swath over Rwanda and Gorilla**
1. SIR-C/X-SAR radar data of Central Africa. The large lake is Lake Kivy near the border of Zaire and Rwanda. The radar swath continues over the country of Rwanda and a chain of volcano shown is Mount Muhavura. The video ends over Uganda.
2. The following b-roll video is provided by the Dian Fossey Gorilla Fund. It was shot in 1991 near the Fund's research facility in Karisoke, Rwanda.
Audio 1: Mono mix 2: Mono mix
05/05/94 - 0:09:00

AVC-1994-155-1/1 **The Night Sky - Annular Eclipse Special Edition**
Live coverage of the May 10, 1994 annular eclipse of the Sun by the Moon. David Seidel hosted the show from Wausean, Ohio, 12:30 - 1:30 p.m. EDT.
Site: Wausean, OH
Audio 1: Mono mix 2: Mono mix
05/10/94 - 1:00:00

AVC-1994-156-1/2 **STS-59 Astronaut Presentation & SIR-C Mission Experience**
The crew of the STS-59 Mission talk about their experience aboard the shuttle. Dr. Charles Elachi, Assistant Lab Director introduces the crew and presents them with awards. Crew members present; Sidney Gutierrez, Kevin Chilton, Linda Godwin, Jay Apt & Richard Clifford.
1:40:00
Audio 1: Mono mix 2: Mono mix
05/06/94 - 1:33:00

AVC-1994-156-2/2 **STS-59 Astronaut Presentation & SIR-C Mission Experience**
Part 2
1:40:00
Audio 1: Mono mix 2: Mono mix
05/06/94 - 0:07:00

AVC-1994-157-1/1 **STS-59 Post Flight Presentation**
Review of the STS-59 Shuttle flight with the SIR-C/X-SAR experiment on board. The astrounauts showed images and shared their experiences with a JSC audience in Teague Auditorium at JSC.
Site: JSC
Audio 1: Mono mix 2: Mono mix
05/10/94 - 1:10:00

AVC-1994-158-1/1 **Shoemaker-Levy 9 Comet Impact with Jupiter Animation Collection**
2:40 - "A Viewer's Guide to the Shoemaker-Levy 9 Comet Impact with Jupiter" (JPL) Computer animation simulates two views of the Shoemaker-Levy 9 comet impact with Jupiter.

First the view from Earth on July 16, 1994. Next we see the view from the Galileo spacecraft. Symbols are used to represent the comet and its point of entry based on predictions dated April 23, 1994. The time scale has been sped up so that eighty minutes of Jupiter's rotation takes one second. The speed of the comet has been slowed down by a factor of five compared with Jupiter's rotation.
0:42 - "Animation of Impact of First Six Nuclei" (Space Telescope Science Institute)
0:53 - "Animation of Comet Collision with Jupiter from Io's Point of View" (Lowell Observatory)
1:07 - "Impact of Comet and Changes it Undergoes when Striking Jupiter's Surface" (University of Chicago and Ames Research Center)
0:40 - "Response of Jupiter's Atmosphere to Comet" (MIT)
Audio 1: Silent 2: Silent
05/18/94 - 0:06:03 Producer: various

AVC-1994-159-1/2 **Comet Shoemaker-Levy 9: Discovery and Future**
The circumstances surrounding the discovery of comet Shoemaker-Levy 9. David Levy, co-discoverer of the comet, gives his presentation in von Kármán Auditorium using slides and viewgraphs. He is introduced by Galileo Project Manager, William O'Neil. Following David Levy's talk is a short presentation by Galileo Project Scientist, Dr. Torrence Johnson, who shows AVC-1994-158 to the audience; an animation produced by the Dial Lab. At the end of the talk, questions from the audience are answered by both David Levy and Dr. Johnson.
Audio 1: Mono mix 2: Mono mix
05/17/94 - 1:33:00

AVC-1994-159-2/2 **Comet Shoemaker-Levy 9: Discovery and Future**
PART 2
Audio 1: Mono mix 2: Mono mix
05/17/94 - 0:06:00

AVC-1994-160-1/1 **Shoemaker-Levy-9 NASA News Briefing**

Discussion of plans by NASA for the impending mid-July impact of the Shoemaker-Levy-9 ("string of pearls") Comet with Jupiter. Participants: Dr. Eugene Shoemaker, U.S. Geological Survey; Dr. Heidi Hammel, Massachusetts Instititute of Technology; Dr. Lucy McFadden, University of Maryland; and Dr. Harold Weaver and Dr. Melissa McGratha, Space Telescope Science Institute. Q&A and animation use in program at end.
Site: NASA Hq.
Audio 1: Mono mix 2: Mono mix
05/18/94 - 1:34:00

AVC-1994-161-1/1 **Supernovea, Past and Present**
Space Astronomy Update hosted by Steve Maran.
Guests Ann Kinney - Space Telescope Science Institute
Ghris Burrows - STSI
Robert Kirshner - Harvard Univ.
Roundtable discussion about various Supernovea including 1887-A and 1994-I. Short animation of supernova imaging data included.
Downlinked from NASA Select TV.
Site: Washington
05/19/94 - 0:42:33

AVC-1994-164-1/1 **Out of the Darkness - Mission to Pluto**
This video production uses computer animation to illustrate JPL's development of a twin spacecraft mission to explore Pluto and its moon Charon. It includes interviews with key pre-project members.
Audio 1: Narration 2: Effects
05/26/94 - 0:06:37

AVC-1994-166-1/1 **Supermassive Black Holes: The Smoking Gun**
"Space Astronomy Update" News conference from Nasa Hq. concerning the positive evidence of a black hole in the Galaxy M87. Q&A at end.
Note: B-roll footage at beginning.
Site: NASA HQ
Audio 1: Mono mix 2: Mono mix
05/27/94 - 1:15:57

AVC-1994-167-1/1 **A Lunar Day at the South Pole**

Animation sequence shows the passing of a lunar day at the south pole of the Moon. The video displays red filter images taken on successive orbits by the Clementine spacecraft's ultraviolet/visible camera. The top half of the frame faces towards Earth.
Audio 1: Silent 2: Silent
05/26/94 - 0:02:14

AVC-1994-169-1/1 **Pluto/Charon Computer Animation Resource Footage**
1. Spacecraft Instruments animation - 0:20
2. Main Title animation - 0:27
3. Atmosphere Rising up from the Surface and Freezing onto the Surface animation - 0:25
4. Spacecrafts passing Pluto and Charon animation - 0:15
5. Pluto/Charon are compared to United States followed by a fly-thru of the outer planets animation - 0:56
6. Spacecraft Trajectory animation - 0:09
7. Pluto/Charon with spacecraft animation - 0:06
8. Pluto's Orbital Path animation - 0:07
Site: JPL
Audio 1: Silent 2: Silent
06/02/94 - 0:02:45 Producer: Savona

AVC-1994-173-1/1 **Telemanipulation with Exoskeleton Telepresence**
Status report on a robotic arm which resembles and mimics the action of a human arm and hand. The device functions through sensors attached to a specially outfitted glove the operator wears, allowing the mechanical arm to perform tasks with ordinary tools.
Audio 1: Narration 2: Effects
06/17/94 - 0:04:30

AVC-1994-176-1/1 **Ulysses: Exploring the Sun's Southern Pole**
An edited video production illustrating ESA and NASA's Ulysses spacecraft's exploration of the sun's southern pole. Production uses computer animation and an interview with Dr. Ed Smith, Project Scientist for NASA to describe the mission objectives. This is a press release.
Site: JPL

Audio 1: Stereo mix 2: Stereo mix
06/22/94 - 0:06:01

AVC-1994-177-1/1 **From the Arroyo to Deep Space: The First 50 Years of JPL**
Visual history of JPL from it's beginning in the Arroyo Seco testing rockets, to Voyager and beyond. The history of JPL is told by the laboratory directors of that time, Dr. Pickering, Dr. Murray, Dr. Allen and Dr. Stone each tell the story of the lab during their directorships.
Audio 1: Mono mix 2: Mono mix VTV-489
06/27/94 - 0:33:24

AVC-1994-181-1/1 **Global Sea Level Changes--The First Year of Topex/Poseidon Observations**
09/23/92 to 09/27/93
Comparison between the Topex/Poseidon observations and a numerical ocean model By Lee-Lueng Fu, Yi Chao, and Denis Leconte
Audio 1: None 2: None
06/24/94 - 0:05:45 Producer: Leconte

AVC-1994-182-1/1 **The Project Design Center - "Paving the Spaceways of the Future"**
This edited production shows how the Project Design Center(PDC) and newly developed software will be used to efficiently design spacecraft and their mission objectives. Produced to be made available for the PDC's dedication and JPL's Open House.
Site: JPL
Audio 1: Narration 2: Music
06/30/94 - 0:04:15 Producer: Semerano/Savona

AVC-1994-183-1/1 **Aeronautics & Space Report #267 - Comet Impacts Jupiter**
Pre-impact report on the comet Shoemaker-Levy 9 impact with Jupiter. Gives the story of it's discovery and the observations that will be performed. Includes interviews and animation. Spot, 1:40; Feature, 6:14; B-roll, 4:51.
Audio 1: Full mix 2: Nat. Sound
06/24/94 - 0:12:45

AVC-1994-184-1/1 **SIR-C/X-SAR FIRST FLIGHT RESULTS**
A narrated overview of data returned by SIR-C/X-SAR which flew on STS-59. Included in the production are a combination of both stills and flyover movies based on the spaceborne imaging radars plus special maps that were produced from the science returned by the mission.
Audio 1: Narration 2: Music
07/05/94 - 0:04:12

AVC-1994-186-1/1 **Comet Shoemaker-Levy 9: Countdown to Impact**
A talk on the science that is expected to be returned from the instruments trained on Jupiter as the Comet Shoemaker-Levy prepares to impact its surface. Speakers include Dr. Donald Yeomans, Robert Mitchell and Dr. John Trauger.
Audio 1: Mono mix 2: Mono mix
07/11/94 - 1:27:00

AVC-1994-188-1/1 **Flight System Testbed July 1994 Update**
This updated production explains how the Flight System Testbed has been involved in the development of the Mars/Pathfinder mission, and how the Testbed has been evaluating new flight hardware and software.
Audio 1: mono 2: mono
07/15/94 - 0:06:05

AVC-1994-189-1/1 **Comet Shoemaker-Levy 9 Post Impact Media Briefing**
#1 - 4:30pm PDT
From Space Telescope Science Institute (STScI)
Presenters: Eugene and Carolyn Shoemaker, and David Levy, co-discoverers of the comet. They discussed the discovery and early observations of the comet's impact with Jupiter.
Audio 1: Mono mix 2: Mono mix
07/16/94 - 1:01:00

AVC-1994-190-1/1 **Comet Shoemaker-Levy 9 Post Impact Media Briefing**
#2 - 7:00pm PDT
From Space Telescope Science Institute (STScI)

Presenters: Heidi Hammel, Hal Weaver, Keith Noll, John Clarke, Robert West, Melisa McGrath. They discussed early observations of the comet's impact with Jupiter.
Audio 1: Mono mix 2: Mono mix
07/16/94 - 0:45:10

AVC-1994-191-1/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing**
#3 - 7:00am PDT
From Space Telescope Science Institute (STScI)
Presenters: Eugene and Carolyn Shoemaker, David Levy, and Heidi Hammel. They discussed early observations of the comet's impact with Jupiter.
1:21:00
Audio 1: Mono mix 2: Mono mix
07/17/94 - 1:03:00

AVC-1994-191-2/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing**
#3 - 7:00am PDT
Part 2, TRT 1:21:00
Site: STScI, MD
Audio 1: Mono mix 2: Mono mix
07/17/94 - 0:18:34 Producer: NASA TV/STScI

AVC-1994-192-1/1 **Comet Shoemaker-Levy 9 Post Impact Media Briefing**
#4 - 5:00am PDT
From Goddard Space Flight Center
Presenters: Eugene Shoemaker, John Clark, Lucy McFadden. They discussed observations of the comet's impact with Jupiter.
Site: Goddard
Audio 1: Mono mix 2: Mono mix
07/18/94 - 0:50:00

AVC-1994-193-1/1 **Comet Shoemaker-Levy 9 Post Impact Media Briefing**
#5 - 1:00pm PDT
From Goddard Space Flight Center
Presenters: Heidi Hammmel and Eugene Shoemaker. They gave an update on the observations made by the Hubble Space Telescope of the comet's impact with Jupiter.

Site: Goddard
Audio 1: Mono mix 2: Mono mix
07/18/94 - 0:47:48

AVC-1994-194-1/1 **Comet Shoemaker-Levy 9 Post Impact Media Briefing**
#6 - 5:00am PDT
From Goddard Space Flight Center
Presenters: Keith Noll, Steve Maran, LucyMcFadden.
They gave an update on the observations made by the Hubble Space Telescope of the comet's impact with Jupiter.
Site: Goddard
Audio 1: Mono mix 2: Mono mix
07/19/94 - 1:00:00

AVC-1994-195-1/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing**
#7 - 9:00am PDT
From Goddard Space Flight Center
Presenters: Roger Yelle, Renee Prange, Steve Maran, Lucy McFadden and David Levy.
They gave an update on observations of the comet's impact with Jupiter made by the Hubble Space Telescope, ground based telescopes and Galileo.
Site: Goddard
Audio 1: Mono mix 2: Mono mix
07/20/94 - 1:01:00

AVC-1994-195-2/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing**
#7 - 9:00am PDT
PART 2
Site: Goddard
Audio 1: Mono mix 2: Mono mix
07/20/94 - 0:10:00

AVC-1994-197-1/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing**
#8 - 5:00am PDT
From Goddard Space Flight Center
Presenters: Hal Weaver, Rita Beebe, Eugene Shoemaker, Lucy McFadden and David Levy.
They gave an update on observations of the comet's impact with Jupiter made by the Hubble

Space Telescope, ground based telescopes and Galileo.
Site: Goddard
Audio 1: Mono mix 2: Mono mix
07/21/94 - 1:01:00

AVC-1994-197-2/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing**
#8 - 5:00am PDT
PART 2
Site: Goddard
Audio 1: Mono mix 2: Mono mix
07/21/94 - 0:10:00

AVC-1994-199-1/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing**
#9 - 11:00am PDT
From Goddard Space Flight Center
Presenters: Robert West, Andrew Ingersoll, Eugene Shoemaker, Lucy McFadden and David Levy.
They gave an update on observations of the comet's impact with Jupiter made by the Hubble Space Telescope, ground based telescopes and Galileo.
Site: Goddard
Audio 1: Mono mix 2: Mono mix
07/22/94 - 1:00:00

AVC-1994-199-2/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing**
#9 - 11:00am PDT
PART 2
Site: Goddard
Audio 1: Mono mix 2: Mono mix
07/22/94 - 0:30:00

AVC-1994-200-1/1 **Mars Global Mosaic**
This production uses new Global Mars Image and Terrain Base from the U.S. Geological Survey to create an animation flyover of Mars. The animation was rendered on JPL/CIT supercomputers using JPL's new remote, interactive science data visualization and analysis tools.
Site: JPL

Audio 1: Narration 2: Music
07/25/94 - 0:04:00
Copyrighted Music - Do Not Duplicate

AVC-1994-201-1/1 **Special Compilation of SIR-C Images for JPL's Open House**
1. AVC-1994-184 Results of First Flight of SIR-C
2. AVC-1994-144 SIR-C Animation Collection
3. AVC-1994-125 "Perspectives of Builders" from A Brief Visual History of SIR-C
Audio 1: Mono mix 2: Mono mix
07/13/94 - 0:31:00

AVC-1994-202-1/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing**
#10 - 8:00am PDT
From Goddard Space Flight Center
Presenters: Heidi Hammel, Melisa McGrath ,Eugene Shoemaker, Carolyn Shoemaker, Lucy McFadden and David Levy. They gave an update on observations of the comet's impact with Jupiter made by the HST, Galileo and ground based telescopes.
Site: Goddard
Audio 1: Mono mix 2: Mono mix
07/23/94 - 1:00:00

AVC-1994-202-2/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing**
#10 - 8:00am PDT
PART 2
Site: Goddard
Audio 1: Mono mix 2: Mono mix
07/23/94 - 0:20:50

AVC-1994-204-1/1 **STS-68 L-14 Press Conference**
SIR-C/X-SAR (SRL Component Briefings) of STS-68 L-14 Press Conference Speakers: Dr. Diane Evans, SIR-C Project Scientist Dr. Wolfgang Keydel, X-SAR Results Professor Giorgio Franceschetti, Interferometry. Broadcast on NASA Select from von Kármán Auditorium
Audio 1: Mono mix 2: Mono mix
07/28/94 - 1:12:00

AVC-1994-209-1/2 **STS-61 Mission Highlights Resource Tape**
Hubble Space Telescope (HST) servicing mission by the Space Shuttle Endeavour. The mission replaced the Wide Field/Planetary Camera and other instruments.
Site: JSC
Audio 1: Mono mix 2: Mono mix
08/05/94 - 1:00:00

AVC-1994-209-2/2 **STS-61 Mission Highlights Resource Tape Part 2**
Site: JSC
Audio 1: Mono mix 2: Mono mix
08/05/94 - 1:01:00

AVC-1994-210-1/2 **The Mars Pathfinder Approach Educational and Public Outreach**
Three Camera Videotaping in von Kármán, Dr. Cheick Diarra Introduces the Mars Pathfinder Educational outreach effort. Jim Tillman, Dr. Meredith Olsen, and Dr. Robert Kolvoord each explain their individual approaches to teaching.
Audio 1: Mono mix 2: Mono mix
08/09/94 - 1:00:00

AVC-1994-210-2/2 **The Mars Pathfinder Approach Educational and Public Outreach**
Part 2 of 2 Total Running Time 2 hours
Audio 1: Mono mix 2: Mono mix
08/09/94 - 1:00:00

AVC-1994-211-1/1 **Remote Surface Inspection - Force Control for Eddy-Current Sensor**
In this telerobotic demonstration an eddy-current sensor, attached to a robotic arm, is used to detect a small crack on a space platform mockup. Includes a short interview with Dr. Seraji on using force control
Site: JPL
Audio 1: Mono mix 2: Mono mix
08/10/94 - 0:03:58

AVC-1994-215-1/3 **Pluto Fast Flyby Pre-Project Educators Conference**

A discussion for educators moderated by Jackie Giuliano, Education Outreach Coordinator, to elicit new ideas for instructing students about space exploration in general and the Pluto Fast Flyby mission in particular. With Robert Staehle and Richard Shope
Audio 1: Mono mix 2: Mono mix
08/14/94 - 1:19:00

AVC-1994-215-2/3 **Pluto Fast Flyby Pre-Project Educators Conference**
Part 2
Audio 1: Mono mix 2: Mono mix
08/14/94 - 1:30:00

AVC-1994-215-3/3 **Pluto Fast Flyby Pre-Project Educators Conference**
Part 3
Audio 1: Mono mix 2: Mono mix
08/14/94 - 0:33:00

AVC-1994-216-1/1 **HAZBOT III-Emergency Response Robotic Vehicle**
An update on the Hazardous Materials Robot III incorporating an advanced operator control station. Included in the production is a simulation of the Robot responding to a toxic chemical spill.
Site: JPL
Audio 1: Stereo 2: Stereo
08/16/94 - 0:05:38

AVC-1994-217-1/1 **SIR-C Prep for Flt. 2 1994**
Documentation of SIR-C Antenna activity at KSC prior to its second flight aboard the Shuttle. Dub from original Hi8 shot by Bob Ferber June 28, 1994.
Audio 1: Mono mix 2: Mono mix
08/16/94 - 0:42:00

AVC-1994-218-1/1 **Mars Landing Site Talk Given during JPL's Open House**
A presentation by Dr. Matt Golombek given in the mall to guests and employees of the lab. Dr. Golombek uses visuals to describe the landing site chosen by Pathfinder project

scientists and engineers to serve as the
touchdown spot for the first Mars Rover.
Audio 1: Mono mix 2: Mono mix
08/18/94 - 0:05:43

AVC-1994-219-1/1 **Gorilla Habitat Briefing**
Discussing data from SIR-C mission.
Audio 1: Mono mix 2: Mono mix
08/18/94 - 0:24:00

AVC-1994-220-1/1 **Venus Balloon Technology**
An update on technologies that may be used in
future attempts to explore Venus with
instrumented balloons.
Audio 1: Narration 2: Music
08/22/94 - 0:11:45

AVC-1994-225-1/1 **P.O.S.S.E Pilot Master for Transfer to Laser**
Disk A series of end-to-end productions plus
stills designed for use in a proposed
speaker's video support system. Narrated
productions include:
1) The Moon 2) Sample Return 3) Remote Sensing
4) Benefits of Space Exploration 5) Future Missions
6) Comets & Asteroids 7) Mars Exploration.
Length of video refers to narrated
productions only. Separate narration and
music tracks for the first five productions
can be found on the duplicate master,
AVC-1994-023 Comets & Asteroids is mastered on
AVC-1994-088. Mars Exploration is mastered on
AVC-1994-099.
Audio 1: Stereo 2: Stereo
08/27/94 - 0:25:20

AVC-1994-226-1/1 **Exoskeleton Handles EVA Astronaut Tools**
A production showing a robotic four-finger
human like hand manipulating Astronaut tools
that could not otherwise be worked by
currently existing robotic devices.
Site: JPL
Audio 1: Music 2: Narration
08/27/94 - 0:05:30

AVC-1994-228-1/1 **Robot Assisted Microsurgery**
Robot Assisted Microsurgery project

accomplishments for fiscal year 1994 - demonstration of robot joint motion, cartesian control and precise tip control.
Site: JPL
Audio 1: Mono mix 2: Mono mix
09/01/94 - 0:04:55

AVC-1994-229-1/1 **Mars Pathfinder B-Roll**
Animation showing deployment of Mars Pathfinder, photo showing landing site, artist renditions depicting arrival of Mars Pathfinder concluding with Rocky IV.
Audio 1: Mono mix 2: Mono mix
09/06/94 - 0:09:03

AVC-1994-232-1/2 **STS-68 August 18 Aborted Launch Compilation Tape**
August 17th L-1 News Conference
Panelists:Brewster Shaw-Space Shuttle Program Dir., Dr. Charles Kennel-Assoc. Admin. Mission to Planet Earth,Prof. Heintz Stoewer-DARA Managing Dir., Prof. Mario Galamia-ASI General Dir., Robert B. Sieck-KSC Launch Dir., Capt. Jeff Lorens-USAF/KSC Staff Meteorologist
Animations at 13:15, Countdown to Launch and Replays at 15:30
Site: KSC
Audio 1: Mono mix 2: Mono mix
09/13/94 - 1:36:00

AVC-1994-232-2/2 **STS-68 AUGUST 18 ABORTED LAUNCH COMPILATION TAPE**
August 17th L-1 News Conference
Panelists:Robert Sieck-JKSC Launch Dir., Boyce Mix-Dep. MGR. Shuttle Engine, Michael Baker-STS-68 Commander, Loren Shriver-MGR. Launch Integration.
Site: KSC
Audio 1: Mono mix 2: Mono mix
09/13/94 - 0:54:00

AVC-1994-233-1/1 **STS-59 Mission Highlights Resource Tape**
Resource tape of Shuttle STS-59 and the SIR-C/X-SAR payload. 4/9/94 to 4/19/94
Audio 1: Mono mix 2: Mono mix

08/01/94 - 0:59:30

AVC-1994-234-1/1 **Science as a Driver for the Nation's Space Program**
Three camera videotaping in von Kármán Auditorium. Dr. France Cordova, NASA's Chief Scientist discusses her views of the role of science and technology in space, and how it benefits the nation as a whole.
Audio 1: Mono mix 2: Mono mix
09/15/94 - 1:15:16

AVC-1994-235-1/1 **Collection of JPL Video Products**
18 Video Productions of Various Topics:
L.A. the Movie, Miranda the Movie, Earth the Movie, Mars the Movie, Monterey the Bay, The Moon, Sample Return Mission, Remote Sensing of the Earth, Benefits and Spinoffs of Space Exploration, Future Missions, Comets and Asteroids, Mars Exploration, Voyager Journey to the Outer Planets, Venus-Artemis, Galileo Earth Rotation Movie, Global Ozone, Gaspra Topography.
Audio 1: Mono mix 2: Mono mix
09/15/94 - 0:58:30

AVC-1994-236-1/2 **STS-59 Special Events Resource Tape**
Resource tape of Shuttle STS-59 and the SIR-C/X-SAR payload. 4/9/94 to 4/19/94. Mainly in-orbit interviews by news media.
1:43:00
Audio 1: Mono mix 2: Mono mix
06/14/94 - 0:57:14

AVC-1994-236-2/2 **STS-59 Special Events Resource Tape Part 2**
Audio 1: Mono mix 2: Mono mix
06/14/94 - 0:57:45

AVC-1994-240-1/1 **Magellan - The Last Chapter**
Magellan Project Manager, Douglas G. Griffith discusses the "Last Chapter" of the Magellan mission and the activities of the final two months and recent spacecraft management challenges. A three-camera videotaping in von Kármán Auditorium.

Audio 1: Mono mix 2: Mono mix
09/22/94 - 0:46:00

AVC-1994-241-1/1 **El Niño Animations from the Naval Research Laboratory**
Five separate animations showing variations in both global and North-Pacific ocean surface height and surface temperatures over a period of years.
1. A model of sea surface height of the world's oceans using wind data. The model runs from 1981 to 1993. The 1982-1983 El Niño event is shown along the equatorial Pacific ocean in red. The Rossby wave moves westward over the Northwest Pacific. 2. Another model includes the same data as before, but is zoomed in on the Northwest Pacific. The Rossby wave is much easier to identify. 3. A different model of sea surface temperature over the global ocean. It uses data from the National Oceanographic and Atmospheric Administration's Advanced Very High Resolution Radiometer satellite. El Niño is shown along the equatorial Pacific in red.
4. A model using the same data but is zoomed in on the Northwest Pacific. 5. The final animation is a combination of sea surface height and sea surface temperature data. The three dimensional wire mesh represents variations in sea surface height. The colors represent sea surface temperature.
Audio 1: Silent 2: Silent
09/23/94 - 0:03:44

AVC-1994-242-1/1 **Telerobotics Accomplishments for 1994**
1. Remote Surface Inspection 2. Hazbot III 3. Exoskeleton 4. Distributed Space Telerobotics 5. Ground Control Station for DOSS 6. Robot Assisted Microsurgery 7. Satellite Test Assistant Robot.
Audio 1: Mono mix 2: Mono mix
09/27/94 - 0:38:00

AVC-1995-002-1/1 **STS-68 Shuttle Launch, Replays & Post Launch Press**
29:00 min. Launch Coverage & Replays

1:00 min Sir-C Animation
17:00 min Post Launch Press Briefing with
Loren Shriver Man. of Launch Integration & Al Sofge KSC
Assist. Launch Director
17:00 min Engineering Replays
Audio 1: Mono mix 2: Mono mix
09/30/94 - 1:02:00

AVC-1995-003-1/1 **STS-68 9/30/94 Mission Update & Mission Highlights**
21:23 Mission Update with Rob Navias. Guest;
Mike Sander SIR-C Project Manager.
32:24 Mission Highlights
Site: JSC
Audio 1: Mono mix 2: Mono mix
09/30/94 - 0:54:00

AVC-1995-004-1/1 **SRL-1 Science Results & STS-68 L-1 Pre-Launch**
18:50 SRL-1 Science Results with Diane Evans SIR-C
Project Scientist & Derrold Holcomb EROAS Inc.
52:21 STS-68 L-1 Pre-Launch Press Briefing with
Brewster Shaw Director Space Shuttle Operations;
William Townsend Dep. Assoc. Admin. Mission to Planet
Earth; Herwig Oettl X-SAR Mission Manager, DARA;
Mario Calamia ASI General Director; Robert Sieck KSC
Launch Director &
Capt. Jeff
Loren USAF KSC Staff Meteorologist.
Site: JSC
Audio 1: Mono mix 2: Mono mix
09/29/94 - 1:11:30

AVC-1995-005-1/1 **SIR-C/X-SAR STS-68 10/1/94 Flight Day 2 Mission**
16:30 Mission Update with Rob Navius
Guest; Dr. Miriam Baltuck NASA Project Scientist
27:20 Mission Highlights
Site: JSC
Audio 1: Mono mix 2: Mono mix
10/01/94 - 0:43:50

AVC-1995-006-1/1 **SIR-C/X-SAR/STS-68 10/2/94 Mission Update & Mission Highlights**
14:50 Mission Update with Rob Navias
Guest; Dr. Vickie Conners MAPS Project Scientist
45:10 Mission Highlights

Site: JSC
Audio 1: Mono mix 2: Mono mix
10/02/94 - 0:59:00

AVC-1995-007-1/1 **SIR-C/X-SAR STS-68 10/3/94 Mission Update**
17:00 Mission Update with Rob Navias
Guest; Dr. Jobea Way-SIR-C Ecology Exp. Scientist
7:31 STS-68 Status Briefing with Rich Jackson
STS-68 Flight Director.
18:00 SRL-2 Science Briefing with Dr. Diane
Evans SIR-C Project Scientist
Jeff Plaut SIR-C Geology Experiment Representative
Dr. Herwig Oettl DARA Mission Scientist Manager.
39:45 STS-68 Mission Highlights
Site: JSC
Audio 1: Mono mix 2: Mono mix
10/03/94 - 1:22:20

AVC-1995-008-1/1 **Desert**
An edited production showing high speed image
rendering using parallel super computers.
This animated flyover of Southern California
and Nevada is based on LANDSAT Satellite
imagery.
Site: JPL
Audio 1: Mono mix 2: Mono mix
10/04/94 - 0:03:54

AVC-1995-009-1/1 **SIR-C/X-SAR Computer Animation Press Release of Mount Rainier Volcano**
A simulated flight over Mount Rainier
Volcano, Washington. Composite of L & C band
radar observations.
Site: JPL
Audio 1: Silent 2: Silent
10/05/94 - 0:01:34

AVC-1995-011-1/1 **SIR-C/XSAR STS-68 10/4/94 Mission Update, Briefings & Highlights**
14:25 Mission Update with Rob Navias
Guest; Robert Beal - John Hopkins University
17:00 Mission Status & SRL Briefing
Dr. Diane Evans - SIR-C Project Scientist,
& Rich Jackson STS-68 Flight Director.
27:41 Mission Highlights
Site: JSC

Audio 1: Mono mix 2: Mono mix
10/04/94 - 0:58:10

AVC-1995-012-1/1 **Magellan Press Release Computer Animation**
A color map of Magellan Gravity data is wrapped onto a globe, tipped forward & 100x topography is added. The final sequence shows an artist's concept of the breakup of the spacecraft as it enters the Venus atmosphere.
Audio 1: Silent 2: Silent
10/06/94 - 0:03:30

AVC-1995-013-1/1 **Magellan Press Conference**
A three-camera videotaping live-to-NASA Select television covering Magellan's final press conference.
Speakers: Chahine, Huntress, Griffith, Tolson, Saunders.
Site: JPL
Audio 1: Mono mix 2: Mono mix
10/06/94 - 1:28:20

AVC-1995-014-1/1 **SIR-C/X-SAR STS-68 10/5/94 Mission Update & Mission/SRL Briefing**
17:15 Mission Update with Rob Navias
Guest; Dr. Diane Evans SIR-C Project Scientist
45:00 Mission Status & SRL Briefing
Dr. Ellen Stofan - SIR-C Experiment Scientist
Dr. Christiane Schmullius - X-SAR Project Sci. DLR
Dr. Herwig Oettl - X-SAR Project Scientist DLR
Site: JSC
Audio 1: Mono mix 2: Mono mix
10/05/94 - 1:02:15

AVC-1995-015-1/1 **SIR-C/X-SAR STS-68 10/5/94 Flight Day Highlights**
32:30 Flight Day 6 Highlights
Site: JSC
Audio 1: Mono mix 2: Mono mix
10/05/94 - 0:32:30

AVC-1995-016-1/1 **SIR-C/X-SAR Computer Animation Press Release of Mount Pinatubo**
A computer-generated animation from SIR-C showing comparisons of SRL-1 and SRL-2 radar observations of Mount Pinatubo, Philippines.

Site: JPL
Audio 1: Silent 2: Silent
10/07/94 - 0:02:00

AVC-1995-017-1/1 **SIR-C/X-SAR STS-68 10/6/94 Mission Update Briefings & Highlights**
15:00 Mission Update with Marta Durham.
Guest: Dr. Herwig Oettl- X-SAR Science Manager, DARA/DLR
22:29 STS-68 Status Briefing with Rich Jackson, STS-68 Flight Director and Dr. Hank Reichle, Maps Project Scientist
40:22 STS-68 Mission Highlights
Site: JSC
Audio 1: Mono mix 2: Mono mix
10/06/94 - 1:17:51

AVC-1995-018-1/1 **SIR-C/X-SAR Computer Animation of a flight over Mammoth Mountains**
A computer generated animation flight over the Mammoth Mountain area in the Sierra Nevada Mountains in California. A radar image acquired by SIR-C/X-SAR is combined with U.S. Geological Survey digital elevation data to construct a three-dimensional map of the surface.
Site: JPL
Audio 1: Silent 2: Silent
10/09/94 - 0:01:53

AVC-1995-019-1/1 **SIR-C/X-SAR STS-68 10/7/94 Mission Update Briefing and Highlights**
15:00 Mission Update with Marta Durham
Guest; Mike Kobrick- SIR-C Engineer-JPL
23:35 STS-68 Status Briefing with Rich Jackson, STS-68 Flight Director, Dr. Diane Evans, SIR-C Project Scientist, Dr. Jeff Plaut, SIR-C Geology Experiment Representative and Dr. Herwig Oettl, X-SAR Science Manager, DARA/DLR
39:00 STS-68 Mission Highlights
Site: JSC
Audio 1: Mono mix 2: Mono mix
10/07/94 - 1:17:35

AVC-1995-020-1/1 **Chapters in Aerospace History - Dr. Edward Stone**

A taped interview of Dr. Edward Stone,
conducted by Dr. Albert Hibbs for the
California Museum of Science and Industry's
Aerospace Historical Committee.
Site: JPL
Audio 1: Mono mix 2: Mono mix
10/03/94 - 1:00:00

AVC-1995-021-1/1 **A compilation of SIR-C Simulated Flights from October & April 1994**
Computer simulated flights over Mt. Pinatubo, Kliuchevskoi volcano, Changes, Canadian Rockies, and Long Valley (all from 10/10/94); Mammoth Mtns.,(10/09/94); Mt. Pinatubo(10/07/94); Mt. Rainier volcano(10/05/94);and Mt. Rainier volcano(10/03/94). Animated changes of the radar images acquired by SIR-C / X-SAR instrument during its two flights aboard space shuttle, Endeavour (April and October 1994).
1:48 Isabela, Galapagos Islands, Ecuador;
1:43 Death Valley; 2:32 Fort Zinder, Sahara;
2:19 Prince Albert, Canada, orbits 20 and 84;
2:13 Prince Albert, orbit 20; 3:02 Shuttle Orbit Animation (orbits 6-12);
1:53 STS-59 Launch;
1:52 Supersites; 1:38 Shuttle Orbit Computer Animation.
Site: JPL
Audio 1: Silent 2: Silent
10/10/94 - 0:40:51

AVC-1995-022-1/1 **SIR-C/X-SAR STS-68 10/8/94 Mission Update Briefing and Highlights**
11:38 Mission Update with Rob Navias
60:00 STS-68 Mission Highlights
Site: JSC
Audio 1: Mono mix 2: Mono mix
10/08/94 - 1:11:38

AVC-1995-023-1/1 **SIR-C/X-SAR STS-68 10/9/94 Mission Update Briefing**
and Highlights
11:20 Mission Update with Rob Navias
Guest; Mike Sander - SIR-C Project Manager
55:00 STS-68 Mission Highlights

Site: JSC
Audio 1: Mono mix 2: Mono mix
10/09/94 - 1:06:20

AVC-1995-024-1/1 **SIR-C/X-SAR STS-68 10/10/94 Mission Update & Status Briefings**
17:14 Mission Update with Rob Navias.
Guest; Steve Wall SIR-C Mission Operations Man.
1:08:50 Status Briefing with Rich Jackson, STS-68 Flight Director; Dr. Diane Evans, SIR-C Project Scientist; Dr. Herwig Oettl, X-SAR Proj. Scientist DARA/DLR; Pro. Giorgio Franeschetti, University of Naples Italy; Mike Kobrick SIR-C Engineer; Dr. Jeffrey Plaut SIR-C Geology Experiment Rep.
Site: JSC
Audio 1: Mono mix 2: Mono mix
10/10/94 - 1:28:04

AVC-1995-025-1/1 **SIR-C/X-SAR STS-68 10/10/94 Mission Highlights 17:40 Flight Day Highlights**
Site: JSC
Audio 1: Mono mix 2: Mono mix
10/10/94 - 0:17:40

AVC-1995-027-1/1 **SIR-C/X-SAR/STS 68 10/11/94 Landing, Replays & Briefings**
16:00 STS-68 Landing at Edwards AFB
13:30 Post Landing Press Briefing at JSC Rich Jackson - STS-68 Entry Flight Director Loren Shriver - Manager Launch Integration
34:00 Landing Replays
16:30 Post Landing Crew Briefing at Dryden Astronauts Mike Baker & Tom Jones
Site: JSC & ETS
Audio 1: Mono mix 2: Mono mix
10/11/94 - 1:10:00

AVC-1995-032-1/1 **Telescopes In Education**
Gil Clark explains the use of the 24 inch telescope on Mount Wilson. The TIE program allows the general public to control the telescope remotely via modem.
Audio 1: Mono mix 2: Mono mix
10/21/94 - 0:07:45

AVC-1995-033-1/1 **Asteroid Data Collection**
Visualization produced by Cornell University.
Collection of asteroid data from Galileo spacecraft.
1. Visualization model of IDA
2. Four stills of IDA and it's moon
3. Gaspra Topography
4. Gaspra Flyby
Audio 1: Stereo 2: Stereo
10/28/94 - 0:09:50

AVC-1995-035-1/1 **Hubble Space Telescope's View of Comet Shoemaker-Levy 9**
First up: The Hubble Space Telescope viewer's guide to Comet Shoemaker-Levy 9 Impact with Jupiter
Second up: HST images of G impact with Jupiter
Audio 1: Silent 2: Silent
10/31/94 - 0:10:32

AVC-1995-036-1/1 **Comet Shoemaker-Levy 9 Collisions with Jupiter**
Comet Collisions with Jupiter - Fragment R - Table Mountain Observatory
Fragment R - IRTF
Fragment C - IRTF
Audio 1: Silent 2: Silent
10/31/94 - 0:09:24

AVC-1995-037-1/1 **Lightcurves and Orbits for Asteroid 4769 Castalia**
Lightcurves for Asteroid 4769 Castalia
Orbits About Asteroid 4769 Castalia from November 3, 1994.
Radar Images of Asteroid 1989 PB from August 22, 1989
Audio 1: Silent 2: Silent
11/03/94 - 0:14:02

AVC-1995-038-1/1 **SRL 1/2 Highlights**
Space Radar Laboratory 1 and 2 Mission highlights.
Audio 1: Mono mix 2: Mono mix
11/08/94 - 0:04:55

AVC-1995-040-1/1 **A Compilation of Comet Shoemaker-Levy 9 Observations**
Tape includes: AVC-1995-035, Hubble Space Telescope's View of Comet Shoemaker-Levy 9;

AVC-1995-036, Comet Shoemaker-Levy 9 Collisions with Jupiter; AVC-1995-037, Lightcurves and Orbits for Asteroid 4769 Castalia and Radar images of Asteroid 1989 PB from August 22, 1989
Audio 1: Silent 2: Silent
11/11/94 - 0:34:03

AVC-1995-041-1/1 **STS-68 Post Flight Presentation**
Presentation by the Shuttle astronauts on the SIR-C/X-SAR mission. Crew: Commander Mike Baker; Pilot Terry Wilcutt, Payload Commander Tom Jones; Mission Specialist Dan Bursch; Mission Specialist Jeff Wisoff.
Site: Teague Aud JSC
Audio 1: Mono mix 2: Mono mix
10/01/94 - 0:46:51

AVC-1995-042-1/1 **SIR-C RADAR AND OPTICAL OBSERVATIONS**
Luzon Island & Mount Pinatubo, Philippines, Comparison of radar and optical observations Radar window version. A simulated flight over the northeastern edge of Long Valley, in the Sierra Nevada Mountain, California.
Audio 1: Silent 2: Silent
11/18/94 - 0:09:20

AVC-1995-044-1/1 **STS-68 Astronaut Presentation - SIR-C Mission Experience**
Space Shuttle Endeavour Astronauts recollect their mission highlights through a prepared 16 minute video and 35mm slides. SIR-C Experiment Scientist, Jeff Plaut details the Radar's achievements. Q & A follows presentation.
Audio 1: Mono mix 2: Mono mix
11/18/94 - 1:30:00

AVC-1995-056-1/1 **STS-59 Mission Highlights Resource Tape**
Astronauts recount their mission experiences onboard the shuttle and SRL-1. This is a Johnson Space Center production.
Audio 1: Mono mix 2: Mono mix
12/15/94 - 0:59:30

AVC-1995-057-1/1 **STS-68 Post Flight Presentation**
Astronauts recount there mission experiences

onboard the shuttle and SRL-2. This is a Johnson Space Center production
Audio 1: Mono mix 2:
12/15/94 - 0:47:00

AVC-1995-058-1/1 **ASAS - All Source Analysis System**
This edited production shows improved performance and reduced size of the ASAS Tactical Operations Center Support Element enclave and concomitant. Increased mobility, through migration to the DEC Alpha-AXP Processor. The production uses a Desert Storm scenario to describe the process.
Site: JPL
Audio 1: Mono mix 2: Mono mix
12/19/94 - 0:09:09

AVC-1995-059-1/1 **Mars Exploration Adventure: A Quick Tour of the RED Planet**
A multi-media production using Mac titles and music along with a laser disk for full motion video and audio. Program debut at the 1994 Los Angeles County Fair.
Audio 1: Stereo L 2: Stereo R
12/20/94 - 0:09:03

AVC-1995-062-1/1 **TOPEX/Poseidon Computer Animation**
First segment: Measuring Sea Surface Height
Second segment: Sea Surface variability from September 30, 1992 to July 13, 1994
Audio 1: Music 2: Music
12/05/94 - 0:09:18

AVC-1995-073-1/1 **TOPEX/Poseidon B-roll**
SLUG#1 NASA Leader TRT: :15
SLUG#2 TOPEX Titles TRT: :26
SLUG#3 Spacecraft Animation TRT: :14
SLUG#4 Spacecraft over the Earth TRT: :26
SLUG#5 TOPEX Titles TRT: :26
SLUG#6 El Niño Animations TRT: 1:55
SLUG#7 TOPEX Titles TRT: :26
SLUG#8 El Niño Images TRT: :36
SLUG#9 END Title TRT: :13
Audio 1: Silent 2: Silent
01/23/95 - 0:04:43

AVC-1995-079-1/1 **Titan III/Mars Observer Launch with Isolated Views and Process Relays**
Videotape from NASA/KSC release
Audio 1: Mono mix 2: Mono mix
09/25/92 - 0:51:00

AVC-1995-080-1/1 **STS-68 Mission Highlights**
Resource Tape SIR-C/X-SAR)
STS-68 Shuttle Space Radar Laboratory (SLR-2) mission with the SIR-C/X-SAR. Launched 9/30/94 at 7:16 a.m. EDT, Landed 10/11/94 at 1:02 p.m.
Crew: Commander Mike Baker, Pilot Terry Wilcutt, Payload Commander Tom Jones, Mission Specialist Dan Bursch, Mission Specialist Jeff Wisoff.
Audio 1: Mono mix 2: Mono mix
02/10/95 - 0:58:45

AVC-1995-090-1/1 **JPL Aerogel for NASA TV Broadcast**
Interview with the inventor of JPL's Aerogel compound as well as demonstrations showing its unique properties and its incorporation in Mars Pathfinder. For broadcast on NASA TV.
Site: JPL
Audio 1: Mono mix 2: Mono mix
03/02/95 - 0:07:48

AVC-1995-091-1/1 **TOPEX/Poseidon: Mission to an Ocean Planet**
An edited production examining features of the joint U.S./French satellite project designed to study characteristics of the world's oceans. Included are interviews with several of the project scientists and results from data acquired to date.
Audio 1: Stereo 2: Stereo
03/07/95 - 0:15:07

AVC-1995-093-1/1 **Images of GRO J1655-40**
VLBI images of star GRO J1655-40.
Audio 1: Silent 2: Silent
03/10/95 - 0:02:15
PRESS RELEASE

AVC-1995-094-1/1 **Microlab-1 Launch on Pegasus**
TVRO downlink form Vandenberg AFB.

JPL Lightning sensor. JPL designed radio
science receiver for making temperature measurements
of the atmosphere. National Science Foundation,
NOA UCAR University consortium for atmospheric
research.
Site: TVRO Audience type: JPL
Client: Tom Meehan, Org. 335
Master: sVHS Submaster:
Audio 1: Mono mix 2: Mono mix
04/03/95 - 0:00:00 Producer:

AVC-1995-096-1/1 **STS-63 Post Flight Presentation**
A JSC Production
Site: Audience type: General
Client: , Org.
Master: 3/4" Submaster:
Audio 1: Mono mix 2: Mono mix
03/23/95 - 0:42:30 Producer: JSC

AVC-1995-097-1/2 **STS-64 Special Events Resource Tape**
A JSC Production
Site: Audience type: General
Client: , Org.
Master: 3/4" Submaster:
Audio 1: Mono mix 2: Mono mix
03/23/95 - 1:10:00 Producer: JSC

AVC-1995-097-2/2 **STS-64 Special Events Resource Tape**
A JSC Production
Site: Audience type: General
Client: , Org.
Master: 3/4" Submaster:
Audio 1: Mono mix 2: Mono mix
03/23/95 - 1:18:30 Producer: JSC

AVC-1995-098-1/1 **Mars Pathfinder Resource Compilation**
1. Mesur Airbag Impact Attenuation Subsystem
2. Mars Pathfinder Retraction/Lander Opening
Tests
3. Mars Pathfinder Plum-Brook Rapid Inflation
#2
4. Mars Pathfinder EDL Simulation
5. China Lake Drop Test 12/15/94
6. China Lake Drop Test #2 3/3/95
Site: Audience type: Resource
Client: Sam Thurman, Org. 1510

Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
03/24/95 - 0:18:17 Producer: Ziats

AVC-1995-100-1/1 **Ariane Launch of EUTELSAT F6 and BRASILSAT B2**
ESA Arianespace Rocket Launch V71 with payloads
EUTELSAT F6 & BRASILSAT B2 from Kourou, French
Guinea in South America
Site: Sat Downlink Audience type: General
Client: Lynda McKinley, Org. 9400
Master: sVHS Submaster:
Audio 1: Mono mix 2: Mono mix
03/28/95 - 0:53:38 Producer: Borst

AVC-1995-101-1/1 **SIR-C X-SAR Science Excerpts (w/o Narration)**
Excerpts showing launch, payload bay, Sudan flyover, seasonal change, Taal/Pinatubo flyover,
Kliuchevskoi optical/radar, Mt. Rainier, San Francisco and L.A. survey.
Site: Audience type: Technical
Client: Diane Evans, Org. 3235
Master: 1"C Submaster:
Audio 1: Mono mix 2: Mono mix
03/31/95 - 0:07:48 Producer: Gary Savona

AVC-1995-102-1/1 **SURFSAT**
This edited production describes college students
participation in a summer project devoted to building a satellite for NASA.
Site: JPL Audience type: General
Client: Dr. Joel Smith, Org. 9600
Master: 1"C Submaster: BCAMs
Audio 1: Mono mix 2: Mono mix
04/05/95 - 0:09:06 Producer: Savona/Semerano

AVC-1995-103-1/1 **RAMS - Robotic Assisted Microsurgery System**
Interview and B-roll
Raw footage for NASA T.V. editing purposes.
Footage was videotaped on Feb. 7, 1995.
Site: BLDG. 198 Audience type:

Resource
Client: NASA TV, Org.
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
04/07/95 - 0:05:21 Producer: Savona
AVC-1995-108-1/1 Mars Day Interviews and
Supporting B-roll
Raw footage for NASA T.V. editing purposes
Site: Mall Audience type:
Resource
Client: NASA TV, Org.
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
02/07/95 - 0:07:59 Producer:

AVC-1995-110-1/1 **Gene Shoemaker on Shoemaker/Levy 9**
DIRECTORS TOPICAL REVIEW
with Gene Shoemaker discussing his personal
account of SL9 and discuss its history and
the circumstances of its breakup as it approached
Jupiter in July 1994,and the data from the
collision.
Site: 186/aud Audience type: General
Client: Kathrine Mallis, Org. 1000
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix VTV-546
04/12/95 - 1:19:46 Producer: Ziats/McElvain

AVC-1995-112-1/1 **JPL Earth Day Footage**
Launch of SIR/C/X-SAR followed by shot of
instrument in Endeavour's payload bay. Next,
are
optical views and animated flyovers of Earth
based on radar data. First Observations of Fault
Motion from Space of the Landers earthquake in 1992.
TOPEX/Poseidon spacecraft and El Niño
animations
Site: Audience type: NASA
Client: NASA T.V., Org.
Master: BCAMs Submaster: BCAMs
Audio 1: Mono mix 2: Mono mix
04/14/95 - 0:07:22 Producer: McNevin/Savona

AVC-1995-114-1/1 **STS-66 Mission Highlights Resource Tape**
A video production form Lyndon B. Johnson
Space

Center - production number #VJSC1448
Site: Audience type: NASA
Client: JSC, Org.
Master: 3/4" Submaster:
Audio 1: Mono mix 2: Mono mix
04/20/95 - 0:53:57 Producer: JSC

AVC-1995-115-1/1 **STS-67 Post Flight Presentation**
A video production from Lyndon B. Johnson Space
Center - Number #JSC1477
Site: Audience type: General
Client: JSC, Org.
Master: 3/4" Submaster:
Audio 1: Mono mix 2: Mono mix
04/20/95 - 0:41:41 Producer: JSC

AVC-1995-116-1/1 **Pluto Express - Art Center College of Design:**
Spacecraft Design Class
Pluto Express Educational Outreach.
Final presentations of their Pluto spacecraft designs were made by Art Center students to the JPL community.
A live 3-camera documentation.
Four edited versions with interviews, refer to:
AVC-1995-120, 0:07:53 (NASA-TV Excerpts)
AVC-1995-134, 0:26:00 (half-hour version)
AVC-1995-135, 0:10:36 (quarter-hour version)
AVC-1995-136, 0:08:30 (brief version)
Site: von Kármán Audience type: General
Client: Jackie Giuliano, Org. 315
Master: 1"C Submaster:
Audio 1: Mono mix 2: Mono mix
VTV-548
04/20/95 - 1:15:00 Producer: Savona

AVC-1995-117-1/1 **STS-63 Mission Highlights Resource Tape**
A JSC Production #1472
Site: JSC Audience type: General
Client: JSC, Org.
Master: 3/4" Submaster:
Audio 1: Mono mix 2: Mono mix
04/25/95 - 1:00:00 Producer: JSC

AVC-1995-118-1/2 **STS-63 Special Events Resource Tape**

A JSC production #1473
Site: JSC Audience type: General
Client: JSC, Org.
Master: 3/4" Submaster:
Audio 1: Mono mix 2: Mono mix
04/25/95 - 0:53:17 Producer: JSC

AVC-1995-118-2/2 **STS-63 Special Events Resource Tape**
A JSC production #1473
Site: JSC Audience type: General
Client: JSC, Org.
Master: 3/4" Submaster:
Audio 1: Mono mix 2: Mono mix
04/25/95 - 1:02:24 Producer: JSC

AVC-1995-119-1/1 **Cassini Huygens Animation ESA**
Site: Audience type: General
Client: Mary Beth Murrill, Org.
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix VTV- 549
04/25/95 - 0:09:17 Producer:

AVC-1995-120-1/1 **Art Center Students' Designs of Pluto Express**
Spacecraft
Spacecraft Design Class
Excerpts from final presentations of spacecraft
designs by Art Center College of Design students
held on April 20th. Interviews with students
follows excerpts of presentations. B-roll
for broadcast on NASA TV.
Site: JPL Audience type: Resource
Client: PAO, Org.
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
04/26/95 - 0:07:53 Producer: Savona

AVC-1995-122-1/2 **"Gathering for the Earth"**
The 25th Anniversary of Earth Day. A national
Video Conference that included: a roundtable
discussion with Native Elders and scientists;
success stories in sustainable practices;
demos of Internet educational materials; student art
and other exhibits.

Site: Audience type: General
Client: Anita Sohus, Org.
Master: VHS Submaster:
Audio 1: Mono mix 2: Mono mix
04/21/95 - 2:00:00 Producer: Borst

AVC-1995-122-2/2 **"Gathering for the Earth"**
Part 2
Site: Audience type: General
Client: Anita Sohus, Org.
Master: VHS Submaster:
Audio 1: Mono mix 2: Mono mix
04/21/95 - 0:50:00 Producer: Borst

AVC-1995-127-1/1 **KIDSAT: Earthviews-1**
Views of Earth from SRL 1 & SRL 2
Site: JPL Audience type: General
Client: JoBea Way, Org. 3235
Master: BCAMs Submaster:
Audio 1: Silent 2: Silent
05/09/95 - 0:45:02 Producer: Ziats

AVC-1995-128-1/1 **KIDSAT: A Flyover of Owens Valley, California**
using Shuttle Photos
Sir-C footage combined with Student
interviews
Site: vk Audience type: General
Client: JoBea Way, Org. 3235
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
05/09/95 - 0:02:40 Producer: Borst

AVC-1995-129-1/1 **Mars Lander Robotic Sampling**
This edited production describes work
currently underway in the Code X MLRS task for possible
applications to Mars Surveyor Program
missions.
Site: Bldg 277 Audience type:
Technical
Client: Paul Schenker, Org. 345
Master: 1"C Submaster: BCAMs
Audio 1: Mono mix 2: Mono mix
05/15/95 - 0:05:04 Producer: Savona

AVC-1995-130-1/1 **Saturn Ring Plane Crossing B-Roll**
Four interview segments with Dr. Linda Horn

plus
animation and film footage of Saturn and Cassini.
Site: JPL Audience type: General
Client: McNevin, Org. 1810
Master: BCAMs Submaster:
Audio 1: Talent Mic 2: Camera Mic
05/17/95 - 0:07:25 Producer: McNevin

AVC-1995-131-1/1 **Mars Pathfinder Mission**
Engineering Update to Dr. Ed Stone using footage
of various tests involving Mars Pathfinder.
Site: JPL Audience type: JPL
Client: Rob Manning, Org. 1510
Master: BCAMs Submaster:
Audio 1: Silent 2: Silent
05/16/95 - 0:09:00 Producer: Borst

AVC-1995-131-2/1 **Mars Pathfinder Mission**
Engineering Update to Dr. Ed Stone using footage
of various tests involving Mars Pathfinder.
Site: JPL Audience type: JPL
Client: Rob Manning, Org. 1510
Master: BCAMs Submaster:
Audio 1: Silent 2: Silent
05/16/95 - 0:00:00 Producer: Borst

AVC-1995-132-1/1 **Aeronautics and Space Report #270**
"Forecasting Earthquakes"
Site: Audience type: General
Client: JSC, Org.
Master: Submaster:
Audio 1: Mono mix 2: Mono mix
05/17/95 - 0:08:26 Producer: JSC

AVC-1995-133-1/1 **Introduction to KIDSAT**
Compilation of SIR-C and solar system visualization footage. Includes shuttle launches
SIR-C footage, LA the Movie, Mars the Movie,
& KIDSAT: A Flyover of Owens Valley, California
Site: JPL Audience type: General
Client: JoBea Way, Org. 3235
Master: BCAMs Submaster:

Audio 1: Mono mix 2: Mono mix
05/17/95 - 0:22:00 Producer: Borst

AVC-1995-134-1/1 **Pluto Express - Art Center College of Design:**
Spacecraft Design Class
Pluto Express Educational Outreach.
(Half-hour edited version of AVC-1995-116)
Final presentations of their Pluto spacecraft designs were made by Art Center students to the JPL community.
Site: von Kármán Audience type: General
Client: Jackie Giuliano, Org. 315
Master: BCAM Submaster: AVC-1995-116
Audio 1: Mono mix 2: Mono mix
05/16/95 - 0:26:00 Producer: Savona/Ziats

AVC-1995-135-1/1 **Pluto Express - Art Center College of Design:**
Spacecraft Design Class
Pluto Express Educational Outreach.
(Quarter-hour edited version of AVC-1995-116)
Final presentations of their Pluto spacecraft designs were made by Art Center students to the JPL community.
Site: von Kármán Audience type: General
Client: Jackie Giuliano, Org. 315
Master: BCAMs Submaster:
AVC-1995-116
Audio 1: Mono mix 2: Mono mix
04/20/95 - 0:10:36 Producer: Savona/Ziats

AVC-1995-136-1/1 **Pluto Express - Art Center College of Design:**
Spacecraft Design Class
Pluto Express Educational Outreach.
(Brief edited version of AVC-1995-116)
Final presentations of their Pluto spacecraft designs were made by Art Center students to the JPL community.
Site: von Kármán Audience type: General
Client: Jackie Giuliano, Org. 315
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
04/20/95 - 0:08:30 Producer: Savona/Ziats

AVC-1995-137-1/1 **5 kilogram Rover for Mars Surveyor**
In this demonstration an experimental
miniature rover follows operator computer command
sequences to selected targets. The edited production
shows the rover collecting samples and returning
them to the lander.
Site: Bldg. 107 Audience type:Technical
Client: Wayne Zimmerman, Org. 3450
Master: 1"C Submaster: BCAMs
Audio 1: Mono mix 2: Mono mix
05/18/95 - 0:06:13 Producer: Savona

AVC-1995-138-1/1 **NASA Zero-Base Review Briefing**
NASA Administrator, Daniel S. Goldin
discussed the results and answered questions about the
internal review team's proposals for management and
organizational changes at NASA. The briefing
originated in Washington D.C.
Site: NASA HQ Audience type: News
Client: PAO, Org. 1800
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
05/19/95 - 1:03:30 Producer: NASA

AVC-1995-139-1/1 **KIDSAT: Crew Flight Films**
Crew Flight Films from STS-59 SIR-C; STS-68
SIR-C;
STS-2 SIR-A; STS-41G SIR-B; STS-57 Can Do;
STS-66
Atmos; & STS-67 Mir Rendezvous
Site: JPL Audience type: General
Client: JoBea Way, Org. 3235
Master: sVHS Submaster:
Audio 1: Mono mix 2: Mono mix
05/19/95 - 1:51:00 Producer: Borst

AVC-1995-141-1/1 **KIDSAT: Compilation of Visualization
Movies**
L.A. The Movie; Mars the Movie; Magellan
Mapping
Results from AVC-1991-091; Monterey the Movie;
SIR-C
Simulation Flyovers from AVC-1995-021.
Site: JPL Audience type: General
Client: JoBea Way, Org. 3235
Master: BCAMs Submaster:

Audio 1: Mono mix 2: Mono mix
05/23/95 - 0:25:00 Producer: Borst

AVC-1995-142-1/4 **STS-67 Special Events Resource Tape**
A JSC Production, #1479
Site: Audience type: General
Client: JSC, Org.
Master: 3/4" Submaster: JSC 1479
Audio 1: Mono mix 2: Mono mix
05/24/95 - 0:52:13 Producer: JSC

AVC-1995-142-2/4 **STS-67 Special Events Resource Tape**
A JSC Production, #1479
Site: Audience type: General
Client: JSC, Org.
Master: 3/4" Submaster: JSC 1479
Audio 1: Mono mix 2: Mono mix
05/24/95 - 0:55:16 Producer: JSC

AVC-1995-142-3/4 **STS-67 Special Events Resource Tape**
A JSC Production, #1479
Site: Audience type: General
Client: JSC, Org.
Master: 3/4" Submaster: JSC 1479
Audio 1: Mono mix 2: Mono mix
05/24/95 - 0:58:58 Producer: JSC

AVC-1995-142-4/4 **STS-67 Special Events Resource Tape**
A JSC Production, #1479
Site: Audience type: General
Client: JSC, Org.
Master: 3/4" Submaster: JSC 1479
Audio 1: Mono mix 2: Mono mix
05/24/95 - 0:14:13 Producer: JSC

AVC-1995-143-1/1 **Administrator's Address to NASA Employees**
A live agency-wide address to NASA employees. Dan Goldin did a short speech which was followed by Q&A from the employees at Headquarters and the other Centers. The subject Goldin spoke on was the Budget process and Dan's stance with Capitol Hill.
Site: NASA HQ Audience type: NASA
Client: NASA, Org.
Master: sVHS Submaster:

Audio 1: Mono mix 2: Mono mix
06/08/95 - 1:16:00 Producer: NASA

AVC-1995-144-1/1 **Mars Pathfinder EDL Simulation**
Mars Pathfinder Mission Entry/Descent/Landing (EDL) Simulation created on HP-755 using Adams Mechanical Dynamics Analysis software. Originally recorded Dec. 22, 1994.
Site: 157-514 Audience type: Technical
Client: Chia-Yen Peng, Org. 354
Master: BCAMs Submaster:
Audio 1: Stereo L 2: Stereo R
06/09/95 - 0:02:03 Producer: Hanchett

AVC-1995-145-1/1 **Mars Pathfinder Entry, Descent and Landing Press Release**
B-Roll for NASA-TV
Site: JPL Audience type: News
Client: Edward McNevin, Org. 1810
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
06/09/95 - 0:14:40 Producer: McNevin

AVC-1995-146-1/1 **JPL Advanced Pixel Sensor**
JPL Advanced Pixel Sensor. B-Roll footage prepared for NASA TV.
Site: Audience type:
Client: , Org.
Master: Submaster:
Audio 1: Mono mix 2: Mono mix
06/12/95 - 0:07:05 Producer:

AVC-1995-147-1/1 **Visualization of Earth Asteroids**
Visualization of Earth Approaching Asteroids And Associated Physics Using Radar Based Models.
Site: Audience type:
Client: , Org.
Master: Submaster:
Audio 1: Mono mix 2: Mono mix
06/13/95 - 0:08:00 Producer: Eric DeJong

AVC-1995-148-1/1 **NASA/JPL "CONGO" Technology B-Roll for NASA-TV**
NASA/JPL "Congo" Technology B-Roll Footage for

NASA-TV
Site: Audience type: Resource
Client: E. McNevin, Org. 1810
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
06/16/95 - 0:10:00 Producer: McNevin

AVC-1995-149-1/1 **Mars Pathfinder ASI/MET**
Atmospheric Structure Investigation/
Meteorological Experiment
An edited production from VHS resource footage.
Site: Audience type: Resource
Client: C. Labaw, Org. 3850
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
06/15/95 - 0:09:58 Producer: Ziats

AVC-1995-150-1/1 **Ulysses Northern Solar Polar Pass Press Release**
B-Roll Footage
Ulysses Northern Solar Pass Press Release B-Roll Footage.
Site: Audience type:
Client: , Org.
Master: Submaster:
Audio 1: Mono mix 2: Mono mix
06/16/95 - 0:08:45 Producer:

AVC-1995-150-2/1 **Ulysses Northern Solar Polar Pass B-Roll Footage**
Ulysses Northern Solar Pass Press Release B-Roll Footage.
Site: Audience type:
Client: , Org.
Master: Submaster:
Audio 1: Mono mix 2: Mono mix
06/16/95 - 0:08:45 Producer:

AVC-1995-141-1/1 **KIDSAT: Compilation of Visualization Movies**
L.A. The Movie; Mars the Movie; Magellan Mapping Results from AVC-1991-091; Monterey the Movie; SIR-C Simulation Flyovers from AVC-1995-021.
Site: JPL Audience type: General
Client: JoBea Way, Org. 3235
Master: BCAMs Submaster:

Audio 1: Mono mix 2: Mono mix
05/23/95 - 0:25:00 Producer: Borst

AVC-1995-142-1/4 **STS-67 Special Events Resource Tape**
A JSC Production, #1479
Site: Audience type: General
Client: JSC, Org.
Master: 3/4" Submaster:
JSC 1479
Audio 1: Mono mix 2: Mono mix
05/24/95 - 0:52:13 Producer: JSC

AVC-1995-142-2/4 **STS-67 Special Events Resource Tape**
A JSC Production, #1479
Site: Audience type: General
Client: JSC, Org.
Master: 3/4" Submaster:
JSC 1479
Audio 1: Mono mix 2: Mono mix
05/24/95 - 0:55:16 Producer: JSC

AVC-1995-142-3/4 **STS-67 Special Events Resource**
A JSC Production, #1479
Site: Audience type: General
Client: JSC, Org.
Master: 3/4" Submaster:
JSC 1479
Audio 1: Mono mix 2: Mono mix
05/24/95 - 0:58:58 Producer: JSC

AVC-1995-142-4/4 **STS-67 Special Events Resource Tape**
A JSC Production, #1479
Site: Audience type: General
Client: JSC, Org.
Master: 3/4" Submaster:
JSC 1479
Audio 1: Mono mix 2: Mono mix
05/24/95 - 0:14:13 Producer: JSC

AVC-1995-143-1/1 **Administrator's Address to NASA Employees**
A live agency-wide address to NASA employees. Dan Goldin did a short speech which was followed by Q&A from the employees at Headquarters and theother Centers. The subject Goldin spoke on was the Budget process and Dan's stance with Capitol Hill.
Site: NASA HQ Audience type: NASA

Client: NASA, Org.
Master: sVHS Submaster:
Audio 1: Mono mix 2: Mono mix
06/08/95 - 1:16:00 Producer: NASA

AVC-1995-144-1/1 **Mars Pathfinder EDL Simulation**
Mars Pathfinder Mission Entry/Descent/Landing (EDL) Simulation created on HP-755 using Adams
Mechanical Dynamics Analysis software. Originally recorded Dec. 22, 1994.
Site: 157-514 Audience type: Technical
Client: Chia-Yen Peng, Org. 354
Master: BCAMs Submaster:
Audio 1: Stereo L 2: Stereo R
06/09/95 - 0:02:03 Producer: Hanchett

AVC-1995-145-1/1 **Mars Pathfinder Entry, Descent and Landing Press Release**
B-Roll for NASA-TV
Site: JPL Audience type: News
Client: Edward McNevin, Org. 1810
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
06/09/95 - 0:14:40 Producer: McNevin

AVC-1995-146-1/1 **JPL Advanced Pixel Sensor**
JPL Advanced Pixel Sensor. B-Roll footage prepared for NASA TV.
Site: Audience type:
Client: , Org.
Master: Submaster:
Audio 1: Mono mix 2: Mono mix
06/12/95 - 0:07:05 Producer:

AVC-1995-147-1/1 **Visualization of Earth Asteroids**
Visualization of Earth Approaching Asteroids And Associated Physics Using Radar Based Models.
Site: Audience type:
Client: , Org.
Master: Submaster:
Audio 1: Mono mix 2: Mono mix
06/13/95 - 0:08:00 Producer: Eric DeJong

AVC-1995-148-1/1 **NASA/JPL "CONGO" Technology B-Roll for NASA-TV**

NASA/JPL "Congo" Technology B-Roll Footage for NASA-TV
Site: Audience type: Resource
Client: E. McNevin, Org. 1810
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
06/16/95 - 0:10:00 Producer: McNevin

AVC-1995-149-1/1 **Mars Pathfinder ASI/MET**
Atmospheric Structure Investigation/ Meteorological Experiment
An edited production from VHS resource footage.
Site: Audience type: Resource
Client: C. Labaw, Org. 3850
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
06/15/95 - 0:09:58 Producer: Ziats

AVC-1995-150-1/1 **Ulysses Northern Solar Polar Pass Press Release**
B-Roll Footage
Ulysses Northern Solar Pass Press Release B-Roll Footage.
Site: Audience type:
Client: , Org.
Master: Submaster:
Audio 1: Mono mix 2: Mono mix
06/16/95 - 0:08:45 Producer:

AVC-1995-150-2/1 **Ulysses Northern Solar Polar Pass B-Roll Footage**
Ulysses Northern Solar Pass Press Release B-Roll Footage.
Site: Audience type:
Client: , Org.
Master: Submaster:
Audio 1: Mono mix 2: Mono mix
06/16/95 - 0:08:45 Producer:

AVC-1995-155-1/1 **Mars Global Surveyor: Surveying the Martian World**
This edited video production briefly describes the Mars Global Surveyor's objectives using computer animation to graphically illustrate the two-year mapping mission to the 4th planet.
Site: JPL Audience type: General

Client: Glenn Cunningham, Org. 1520
Master: 1"C Submaster: BCAMs
Audio 1: Stereo mix 2: Stereo mix VTV-557
06/22/95 - 0:05:40 Producer: Savona

AVC-1995-160-1/1 **Galileo Jupiter Encounter Probe Release Simulation**
Two versions of computer generated animation showing the Galileo Probe release.
Version 1 - 0:01:41, (TRT 0:02:31) Probe End View
Version 2 - 0:00:58, (TRT 0:01:45) Side View
Produced by the Solar System Visualization Project for Galileo
Site: Audience type: Resource
Client: Galileo/PIO, Org.
Master: BCAMs Submaster:
Audio 1: Silent 2: Silent VTV-562
07/10/95 - 0:04:30 Producer: SSVP/De Jong

AVC-1995-162-1/1 **Mariner - Mars Highlights for NASA-TV Video file**
Short clips highlighting Mariner 10, VI, VII, IX and Viking Missions to Mars. Prepared for Mariner IV 30th Anniversary, July 14, 1996.
Site: JPL Audience type: News
Client: Mc Nevin, Org. 181
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
07/12/95 - 0:07:35 Producer: Mc Nevin

AVC-1995-163-1/1 **Mars Pathfinder Mission - Version 2 - July 12 1995**
Engineering Update using footage of various tests involving Mars Pathfinder.
Site: JPL Audience type: Technical
Client: Rob Manning, Org. 1510
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
07/12/95 - 0:12:45 Producer: Borst

AVC-1995-164-1/1 **Cassini Huygens Test Probes Delivery to JPL. Video File for NASA TV**
Site: Audience type: JPL
Client: , Org.
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix

07/19/95 - 0:14:30 Producer: Mc Nevin

AVC-1995-165-1/1 **TOPSAR Visualization**
Computer generated flyovers of Pasadena and San Francisco.
Site: Audience type: General
Client: Bruce Chapman, Org. 3340
Master: BCAMs Submaster:
Audio 1: Silent 2: Silent
07/20/95 - 0:03:37 Producer: DIAL

AVC-1995-166-1/1 **TOPSAR/AIRSAR Flyover of Pasadena and San Francisco/NASA-TV**
An interview with Dr. Howard Zebker details how scientists create and use 3-D visualization techniques to study regions of the Earth using data from airborne radar mapping missions.
Dr. Zebker's interview is followed up by two new flyovers of Pasadena and San Francisco, California.
Site: Audience type:
Client: , Org.
Master: Submaster:
Audio 1: Mono mix 2: Mono mix
07/25/95 - 0:09:50 Producer:

AVC-1995-167-1/1 **Ulysses Northern Polar Pass Video Highlight/NASA-TV**
A short interview with Dr. Edward Smith, NASA's Project Scientist with the Ulysses spacecraft. Dr.
Smith explains what scientists expect to learn about the Sun during its 3 month pass over the northern regions of the sun.
Site: Audience type:
Client: , Org.
Master: Submaster:
Audio 1: Mono mix 2: Mono mix
07/25/95 - 0:09:00 Producer:

AVC-1995-168-1/1 **Galileo Newton Engine Firing-Bill O'neil Interview**
A short news-style interview with Galileo Project Manager Bill O'Neil discussing the Newton engine rocket pre-burn event on July 24, 1995 and the Orbiter Deflection Maneuver using the Newton engine on July 27, 1995.

Site: Audience type:
Client: , Org.
Master: Submaster:
Audio 1: Mono mix 2: Mono mix
07/25/95 - 0:04:20 Producer:

AVC-1995-171-1/1 **Abridged Version of Galileo ODM and Entry/Descent**
Simulations
These animations are for release during the Galileo Press Conference on 7/27/95.
Orbiter Deflection Maneuver simulation - 1:09
Probe Entry/Descent simulation - 1:45
Site: Audience type: NASA
Client: Jan Ludwinski, Org.
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
07/26/95 - 0:03:19 Producer: Savona

AVC-1995-172-1/1 **Galileo Post Orbiter Deflection Maneuver Press**
Conference
The briefing covers probe release and engine firing for retarget maneuver to Jupiter.
Speakers: Don Ketterer, Program Manager
Bill O'Neil, Project Manager
Marcie Smith, Probe Manager
Q & A follows presentations
Site: VisitorCtr. Audience type: News
Client: Maynard Hine, Org. 950
Master: 1"C Submaster: BCAMs
Audio 1: Mono mix 2: Mono mixVTV-565
07/27/95 - 0:43:00 Producer: Savona

AVC-1995-174-1/1 5 kg. Rover Control with Virtual Reality
This edited production demonstrates a control of a laboratory rover using a virtual reality operator interface.
Site: 277 & 107 Audience type: Technical
Client: G. Rodriguez, Org. 345
Master: 1"C Submaster: BCAMs
Audio 1: Mono mix 2: Mono mix
08/01/95 - 0:03:14 Producer: Savona

AVC-1995-175-1/1 **STS-71 Post Flight Presentation**
Site: JSC Audience type: Resource

Client: JSC, Org.
Master: 3/4" Submaster:
Audio 1: Mono mix 2: Mono mix VTV-566
08/03/95 - 0:31:25 Producer: JSC

AVC-1995-176-1/1 **MIR 18 Post Presentation**
Site: JSC Audience type:
Resource
Client: JSC, Org.
Master: 3/4" Submaster:
Audio 1: Mono mix 2: Mono mix VTV-567
08/03/95 - 0:29:15 Producer: JSC

AVC-1995-178-1/1 **How Dinosaurs might have been saved: Detection/Deflection of Comet**
----DIRECTOR'S TOPICAL SEMINAR SERIES---
Professor Freeman Dyson discusses new technologies for detection and deflection of Earth bound comets and asteroids. Question and answer period follows lecture.
Site: von Kármán Audience type: JPL
Client: Charles Elachi, Org.
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix VTV-568
08/11/95 - 1:30:00 Producer: Beck

AVC-1995-184-1/1 **JPL/New Millennium Solar Collector Video footage**
for NASA-TV
Interviews with Bruce Anspaugh and Art Chmielewski at JPL discussing balloon tests conducted in Palestine, TX. The tests take advantage of a high elevation balloon to test and calibrate advanced solar collectors which will be used for future New Millennium missions. Footage is for the NASA-TV.
Site: JPL Audience type: NASA
Client: McNevin, Org.
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
08/31/95 - 0:08:00 Producer: McNevin

AVC-1996-002-1/1 **Ranger Dexterous Arm Control**
This edited production demonstrates robotic technologies for executing manipulation tasks in space.
Site: 107-104 Audience type: Technical

Client: Bruce Bon, Org. 3450
Master: 1"C Submaster: BCAMs
Audio 1: Mono mix 2: Mono mix
09/20/95 - 0:04:38 Producer: Goldrich

AVC-1996-003-1/1 **Remote Interactive Visualization and Analysis (RIVA)**
Version one - 0:01:45
Multi-spectral Rendering using Southern California Desert Landsat Data set. Produced on the Abbacus, it has egg an shaped Mars and a jump in the middle of the Mars sequence.
Version two - 0:01:45
Multi-phenomenon rendering using USGS Global Mars Mosaic was produced on the scan converter, it has a black frame around the Mars sequence, is a little softer, and has no jump in the Mars sequence.
Site: 126 SGI Audience type: Resource
Client: Kathya Zamora, Org. 395
Master: BCAMs Submaster:
Audio 1: silent 2: silent
09/08/95 - 0:04:50 Producer: Hanchett

AVC-1996-004-1/1 **RAMS - Robot Assisted Microsurgery - A New Technology**
An edited production that describes robot assisted microsurgery techniques that will enable operations of the eye, ear, brain and other critical faculties at unprecedented small scales.
Site: Bldg. 198 Audience type: Technical
Client: Paul Schenker, Org. 3450
Master: 1"C Submaster: BCAMs
Audio 1: Mono mix 2: Mono mix
09/22/95 - 0:04:23 Producer: Savona

AVC-1996-008-1/1 **Micro-Lander Dexterous Manipulator**
An edited production that demonstrates a new robotic arm and controls for Mars lander-based surface exploration.
Site: Bldg. 277 Audience type: Technical
Client: Paul Schenker, Org. 3450
Master: 1"C Submaster: BCAMs
Audio 1: Mono mix 2: Mono mix
09/23/95 - 0:06:49 Producer: Savona

AVC-1996-009-1/1 **Comet Sampler Technology Development**

An edited production describing autonomous acquisition of subsurface samples from a comet for scientific analysis.
Site: Bldg. 198 Audience type: Technical
Client: Rick Welch, Org. 3450
Master: 1"C Submaster: BCAMs
Audio 1: Mono mix 2: Mono mix
09/26/95 - 0:05:16 Producer: Goldrich/Savona

AVC-1996-010-1/1 **JPL-JSC Remote Telerobotic Inspection Demonstration**
An edited production describing a robotic inspection task in the JPL RSI lab controlled from Johnson Space Center.
Site: Bldg. 198 Audience type: Technical
Client: Paul Backes, Org. 3450
Master: 1"C Submaster: BCAMs
Audio 1: Mono mix 2: Mono mix
09/26/95 - 0:04:22 Producer: Savona

AVC-1996-011-1/2 **Aerials of JPL**
Aerial footage of the Jet Propulsion Laboratory with additional camera zooms into building 180 for use in the JPL Co-op, APT and Summer Programs.
Site: Lab Audience type: Resource
Client: Co-op Program, Org.
Master: BCAMs Submaster:
Audio 1: Silent 2: Silent
09/27/95 - 0:27:30 Producer: Savona

AVC-1996-011-2/2 **Aerials of JPL**
Aerial footage of the Jet Propulsion Laboratory with additional camera zooms into building 180 for use in the JPL Co-op, APT and Summer Programs.
Site: Lab Audience type: Resource
Client: Co-op Program, Org.
Master: BCAMs Submaster:
Audio 1: Silent 2: Silent
09/01/95 - 0:10:44 Producer: Savona

AVC-1996-012-1/1 **Ulysses Resource Material from ESA**
A and B roll footage from the European Space Agency in Italian, English, French and German. JPL's contact is Brigitte Kolmsee at ESA. Her telephone number is (33-1) 53.69.72.99.
Site: Audience type: Resource

Client: , Org.
Master: BCAMs Submaster:
Audio 1: Silent 2: Narration
09/28/95 - 0:17:00 Producer:

AVC-1996-013-1/1 **NASA/JPL Interview with Dr. Leslie Deutsch**
B-roll for NASA T.V.
This interview was conducted on August 25, 1995 with Dr. Leslie Deutsch of the Deep Space Network. Appropriate B-roll footage of the 70-meter antenna and the "ultracone" being hoisted into place follows interview.
Site: JPL Audience type: Resource
Client: Bob Mac Millin, Org. 1800
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
09/29/95 - 0:05:04 Producer: Savona

AVC-1996-015-1/1 **KidSat NASA B-Roll footage**
Interviews with KidSat coordinators
Site: Audience type: Resource
Client: S. Zeluck, Org. 1810
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
09/28/95 - 0:07:13 Producer: Goldrich/Beck

AVC-1996-016-1/1 **Stardust Mission Overview**
1. Trajectory 2:24
2. Wild 2 Encounter :57
3. Earth Return :42
4. Spacecraft Collage Animation 2:32
5. Testbed Hardware 1:30
Site: 179-112 Audience type: Resource
Client: Ken Atkins/ Nick Thomas, Org. 344
Master: BCAMs Submaster:
Audio 1: Silent 2: Silent
10/03/95 - 0:08:17 Producer: Hanchett

AVC-1996-017-1/1 **Visualization of Earth Approaching Asteroids - 2**
Computer generated visualization of Earth Approaching Asteroids and Associated Physics Using Radar Based Models.
Shows the Asteroid 4179 Toutatis as it rotates with different solar illumination.
Site: Audience type: Resource
Client: New Millennium Pgm., Org.

Master: BCAMs Submaster:
Audio 1: silent 2: silent
10/06/95 - 0:06:09 Producer: Eric De Jong

AVC-1996-022-1/1 **Ulysses: An Expedition Over the Sun's Poles**
An edited production describing results learned from Ulysses' pass over the southern region of the sun.
Site: JPL Audience type: Educational
Client: Meeks/Massey, Org. 9800
Master: 1"C Submaster: BCAMs
Audio 1: Stereo mix 2: Stereo mix
10/24/95 - 0:06:15 Producer: Savona

AVC-1996-023-1/1 **Mars Pathfinder Mission - Version 3 - October 1995**
Videotape Transfer of the 3 35mm Slide Projector Presentation. James Earl Jones narrates this historical look at Mars through the years and the Viking Project.
Site: JPL Audience type: Technical
Client: Rob Manning, Org. 1510
Master: BCAMs Submaster: AVC-1995-193
Audio 1: Mono mix 2: Mono mix
10/26/95 - 0:11:22 Producer: Borst

AVC-1996-027-1/1 **SIR-C Radar Observations over East-Central California**
A computer-generated animation of a simulated flight over east-central California, from Lake Tahoe to Telescope Peak. A radar image is combined with digital elevation data to construct a three-dimensional map of the surface.
Site: JPL Audience type: Resource
Client: Eric De Jong, Org.
Master: BCAMs Submaster:
Audio 1: Silent 2: Silent
10/31/95 - 0:03:00 Producer: Savona

AVC-1996-028-1/1 **Director's Topical Seminar: Clementine At The Moon**
Dr. Gene Shoemaker talks about the results of the Clementine Mission to the Moon, future possible missions to the moon.
Site: von Kármán Audience type:
Client: Dr. Chahine, Org.
Master: Submaster:

Audio 1: Mono mix 2: Mono mix VTV-579
10/26/95 - 1:30:00 Producer: John Beck

AVC-1996-029-1/1 **Getting To Jupiter: The Amazing Discoveries of the Galileo Spacecraft**
Dr. Karen L. Buxbaum shares the discoveries made by the Galileo spacecraft as it traveled to Jupiter.
Site: von Kármán Audience type: General
Client: Skip McNevin, Org.
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix VTV-580
10/25/95 - 1:30:00 Producer: John Beck

AVC-1996-030-1/1 **Champollion Landing System Simulation**
Computer simulation, Scan conversion, edited with titles
Site: 158-224 Audience type: Technical
Client: Randel Lindemann, Org. 352
Master: BCAMs Submaster:
Audio 1: silent 2: silent
11/05/95 - 0:14:42 Producer: Hanchett

AVC-1996-031-1/1 **NASA...On the Cutting Edge Education Videoconference Series**
Host, Camille Moody located at the University of Maryland and cohost Don Scott located at the JPL Mars Yard moderate a one hour show about Robotics. Questions are fielded by Dave Lavery, Donna Shirley and Samad Hayati. The show was broadcast live on NASA Television.
Site: Mars Yard Audience type: General
Client: Camille Moody, Org. 1820
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
11/07/95 - 1:00:00 Producer: Savona

AVC-1996-032-1/1 **Galileo Arrival Animation B-roll for Nov. 9th Press Conference**
This computer animation illustrates spacecraft arrival at Jupiter and the Probe's descent into the planet's atmosphere.
Site: Audience type: Resource
Client: PIO, Org.
Master: BCAMs Submaster:
Audio 1: Silent 2: Silent VTV-582

11/09/95 - 0:03:25 Producer:

AVC-1996-033-1/2 **Galileo Pre-Arrival Press Conference**
Bill O'Neil describes spacecraft/mission status & the day's events; Dr. Rich Young gives a probe mission science overview; Dr. Torrence Johnson discusses arrival orbiter science and an orbital tour preview. Questions and answers follow presentations. Arrival animation is included.
Site: von Kármán Audience type: News
Client: PIO, Org. 9500
Master: 1"C Submaster:
Audio 1: Mono mix 2: Mono mix VTV-581
11/09/95 - 1:33:00 Producer: Savona
LIVE ON NASA TELEVISION

AVC-1996-033-2/2 **Galileo Pre-Arrival Press Conference Part 2**
Site: von Kármán Audience type: News
Client: PIO, Org. 9500
Master: 1"C Submaster:
Audio 1: Mono mix 2: Mono mix VTV-581
11/09/95 - 0:24:00 Producer: Savona
LIVE ON NASA TELEVISION

AVC-1996-034-1/1 **High School Journalists Planetary Conference**
Panel discussion of the outer planets with students.
Intro by Larry Dumas. Moderated by Edward McNevin. Panelists: DSN- Pat Beyer; Jupiter- Dr. Jo Pitesky; Saturn- Dr. Stephen Edberg; Uranus- Dr. Robert M. Nelson; Pluto- Jackie Giuliano.
Site: von Kármán Audience type: Educational
Client: Annette deCharon, Org.
Master: 1"C Submaster:
Audio 1: Mono mix 2: Mono mix
11/09/95 - 0:42:38 Producer: Goldrich

AVC-1996-035-1/1 **Ulysses Index European Space Agency Programs**
New Adventures of Ulysses 4:23; Ulysses Explores the Empire of the Sun 4:06; A Multinational Mission 2:58; Long Journey into the Unknown 2:29 Ulysses Escapes from the Storms of the Sun 4:36 Sun's Battle with the Cosmic Rays 2:51; Breeze from the Stars 2:20; To the Poles and Beyond 3:24
Site: Audience type: Educational

Client: , Org.
Master: BCAMs Submaster:
Audio 1: Mono mix 2: Mono mix
11/10/95 - 0:32:00 Producer: ESA

AVC-1996-038-1/1
VTV-583

KidSat: A Caltech student-assisted production
This edited production describes the KidSat project with teacher interviews, student interviews, showing students in classrooms, astronauts using cameras, views of Earth from the shuttle and digitized 3D Earth flyovers.
Site: JPL Audience type: Educational
Client: Jo Bea Way
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/01/95 - 0:14:00 Producer: Beck/Johnson

AVC-1996-039-1/1

Galileo at Jupiter: Exploring the Jovian World
Part of the Theodore von Kármán Lecture Series featuring Dr. Torrence Johnson as he outlines the spacecraft's primary mission at Jupiter.
Site: von Kármán Audience type: JPL
Master: 1"C Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/17/95 - 1:02:54 Producer: Goldrich

AVC-1996-044-1/1

ESA Infrared Space Observatory Launch
aboard Arianne v-80
Satellite feed of ESA launch from Kourou.
Site: Audience type: JPL
Client: Rick Ebert
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/16/95 - 1:08:00 Producer: Borst

AVC-1996-046-1/1

Galileo Pre-JOI Educator's Collection
Jovian Laboratory, Galileo Press Footage, Third Step to Jupiter, Earth/Moon 1 Encounter, Earth Spin Movie, Gal. at Gaspra, Final Step to Jupiter, Gaspra Flyby, Moon Flyby Press Release, Earth/Moon 2, Probe Spacecraft to Jupiter, Asteroid Data Coll., Probe Release and ODM, Arrival Animation.
Site: Audience type: Resource
Client: PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

11/26/95 - 1:04:00 Producer: Ziats

AVC-1996-047-1/1 **Expansion of Supernova SN 1993J**
Site: Audience type: Resource
Client: PIO, Org. 1810
Master: BCAM Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
12/01/95 - 0:01:00 Producer: Dial

AVC-1996-048-1/1 **Galileo: A Guided Tour**
This edited production was shot in von Kármán museum and features Jan Ludwinski describing and showing the various features of the Galileo spacecraft and their functions.
Site: Museum Audience type: General
Client: Ludwinski
Master: 1"C Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/04/95 - 0:08:44 Producer: Goldrich

AVC-1996-049-1/1 **Galileo Arrival Day Resource Compilation Tape**
VTV-584 This tape contains Galileo launch footage, trajectory, probe release and orbit animations and Arrival Day reactions from Galileo MSA and von Kármán auditorium.
Site: JPL Audience type: Resource
Client: Jurrie van der Woude, Org. 950
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/05/95 - 0:17:00 Producer: Ziats/Beck

AVC-1996-050-1/2 **Galileo Probe Descent Overview**
This show covers the Galileo Probe descent into Jupiter's atmosphere. Host Dr. Rich Terrile conducts interviews with Neal Ausman, Gary Kunstmann, Charlie Sobeck, Bernie Dagarin, Robert Young, Marcie Smith, Andrew Ingersoll and Margaret Kivelson.
Site: Studio Audience type: General
Client: Ludwinski/PIO, Org. 9500
Master: 1"C Stored: 180-101 Submaster:
Audio 1: Mono mix 2: Mono mix
12/07/95 - 1:30:00 Producer: Savona

AVC-1996-050-2/2 **Galileo Probe Descent Overview**
This live show covers the Galileo Probe descent

into Jupiter's atmosphere. Host Dr. Rich Terrile conducts interviews with Andrew Ingersoll and Margaret Kivelson.
Site: Studio Audience type: General
Client: Ludwinski/PIO, Org. 9500
Master: 1"C Stored: 180-101 Submaster:
Audio 1: Mono mix 2: Mono mix
12/07/95 - 0:30:00 Producer: Savona

AVC-1996-051-1/1 **Galileo Orbit Insertion Overview**
This live show covers the Galileo spacecraft's orbit insertion into Jupiter. Host Dr. Rich Terrile conducts interviews with Torrence Johnson, Robert Mitchell, Wesley Huntress, Edward Stone, Andrew Ingersoll and Carl Sagan.
Site: Studio Audience type: General
Client: Ludwinski/PIO, Org. 9500
Master: 1"C Stored: 180-101 Submaster:
Audio 1: Mono mix 2: Mono mix
12/07/95 - 1:30:00 Producer: Savona

AVC-1996-052-1/1 **Galileo and the Flight to Jupiter**
VTV-585 An edited production that describes the Galileo mission from conception thru launch until the spacecraft reached Jupiter and released a probe into its atmosphere.
Site: Audience type: General
Client: Ludwinski/Wilson, Org. 9500
Master: 1"C Stored: 180-101 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/07/95 - 0:12:03 Producer: Semerano/Savona

AVC-1996-053-1/1 **Galileo - The Communications Pipeline**
VTV-586 This edited production follows the communication network between the Galileo science team and how their commands are sent to the spacecraft and then received back on Earth.
Site: Audience type: Educational
Client: Steve Spohn, Org. 9500
Master: 1"C Stored: 180-101 Submaster: BCAMsp
Audio 1: Stereo mix 2: Stereo mix
12/07/95 - 0:08:44 Producer: Savona/Semerano

AVC-1996-054-1/1 **Goldin Press Interaction, Galileo Arrival Day**
Informal talk by NASA Administrator Daniel S. Goldin

with the local news media in von Kármán Auditorium.
Site: von Kármán Audience type: News
Client: PIO/Galileo
Master: M-II Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/07/95 - 0:26:40 Producer:

AVC-1996-055-1/1 **Galileo Arrival Day Highlights**
This tape contains Arrival Day reactions in von Kármán and Galileo MSA as well as several shots of the media setting up.
Site: JPL Audience type: Resource
Master: 1"C Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/07/95 - 0:07:00 Producer: Beck

AVC-1996-056-1/1 **Galileo Arrival Day Opening Press Conference**
Galileo Project Manager Bill O'Neil and Probe Manager Marcie Smith update the press on the day's events: including probe descent and orbit insertion.
Site: von Kármán Audience type: News
Client: Ludwinski/PIO, Org. 9500
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/07/95 - 0:40:52 Producer: Goldrich

AVC-1996-057-1/1 **Galileo Press Conference with NASA Administrator**
Daniel Goldin
NASA Administrator Daniel Goldin answers questions from the media regarding Galileo and other future missions.
Site: von Kármán Audience type: News
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/07/95 - 0:25:00 Producer: Beck

AVC-1996-058-1/1 **Galileo Arrival Day Closing Press Conference**
NASA Administrator Daniel Golden addresses the press about the success of the probe and s/c orbit and then Probe Manager Marcie Smith and Project Manager Bill O'Neil speak and take Q & A from NASA

centers and press about the Galileo mission.
Site: von Kármán Audience type: News
Client: Ludwinski, Org. 9500
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/07/95 - 1:04:29 Producer: Goldrich

AVC-1996-060-1/1 **San Diego: The Movie (supercomputing '95 version)**
Computer generated flyby of San Diego and outlying areas. Produced by Cray Research Inc., Jet Propulsion Laboratory, University of Illinois at Chicago, and the San Diego Supercomputer Center.
Site: Audience type: General
Client: Kathya Zamora
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: stereo 2: stereo
12/11/95 - 0:04:50 Producer:
consult@sdsc.edu http:www.sdsc.edu
619-534-5100
A National Laboratory for Computational Science & Engineering

AVC-1996-061-1/1 **Galileo Openings for December 7th Blue Room Shows**
First opening is for Probe Entry segment - 1:13
Second opening is for Orbit Insertion - 1:05
Closing - :21
Site: Audience type: Resource
Client: Galileo Shows, Org. 9500
Master: 1"C Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/11/95 - 0:02:39 Producer: Savona
This is raw footage - Not For Release

AVC-1996-062-1/1 **Galileo Probe Entry Animation**
Ames Research produced animation of the Galileo probe entry into Jupiter's atmosphere.
Site: Ames Audience type: Resource
Client: PIO, Org. 9500
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
12/01/95 - 0:05:00 Producer: Ames Research Ctr.

AVC-1996-063-1/1 **What We Must Do to Return Humans to the Moon and Take Them to Mars**

VTV-587 Thomas F. Rogers, Chairman of the Sophron Foundation, gives lecture on annual reductions in our Federal civil space program, and how this affects future settlements on the Moon and voyages to Mars.
Site: von Kármán Audience type: General
Client: Lew Ryan, Org. 6100
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/04/95 - 1:00:00 Producer: Beck

AVC-1996-066-1/1 **Huygens SM2 Balloon Drop Test**
This narrated program explains the Huygens' balloon drop test conducted on May 14, 1995 in Esrange, Sweden. The news release uses graphics and actual taped footage of the test. Huygens is a probe that will be released into Saturn's moon Titan from the Cassini spacecraft.
Site: Audience type: Resource
Master: 3/4" Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/14/95 - 0:07:19 Producer: ESA

AVC-1996-068-1/1 **Exploration of the Solar System: Spanish Narration**
Adriana Ocampo describes in Spanish the solar system to an assembly at the University of Honduras. The presentation was taped for the USIS. Recorded on February 13, 1995.
Site: TV Studio Audience type: Educational
Client: PIO/Jim Doyle, Org. 182
Master: M-II Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/15/95 - 1:00:50 Producer: Savona
Note: Spanish language

AVC-1996-070-1/1 **Trajectory Tool Navigation Software Video File For NASA**
A Short edited selection of interviews and B-Roll footage of "TRAJ TOOL", a software program developed at the Jet Propulsion Laboratory for use in Spacecraft Navigation.
Site: Audience type:
Client: PIO/Ed McNevin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

01/08/96 - 0:07:10 Producer: Scott Goldrich

AVC-1996-071-1/1 **Best of Galileo Video/Animation**
VTV-589 This compilation tape includes VEEGA and Tour trajectories, Earth Spin Movie, Earth/Moon Conjunction, Gaspra Flyover, Ida Rotation, Probe Release (Dial & Ames), ODM, Probe Relay and Entry/Descent, Launch and Deployment, The Jovian Lab, Communications Pipeline, S/C Tour.
Site: Audience type: Educational
Client: Ludwinski, Org. 9500
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/09/96 - 0:50:30 Producer: Goldrich

AVC-1996-072-1/1 **Rocky 7/Rover Technology Research: 1995 Accomplishments**
An edited production showing Rocky 7 navigating and conducting experiments in the Mars Yard. Activities performed by the rover include the use of stereo vision for obstacle detection, autonomous localization by lander, and the execution of science tasks using its manipulator arm.
Site: Mars Yard Audience type: Technical
Client: Samad Hayati, Org. 3450
Master: 1"C Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/09/96 - 0:06:52 Producer: Savona/Semerano

AVC-1996-073-1/1 **Cassini Propulsion Module Main Engine Assembly Test**
Side view and top view of engine firing
White Sands Test Facility T.S. 401
Test date: 12/14/1995
Site: Audience type: Resource
Client: Suzanne Barber, Org. 1400
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/11/96 - 0:03:10 Producer: Ziats

AVC-1996-075-1/1 **Infrared Interferometric Search for Neighboring Planetary Systems**
This is work in progress.
Site: JPL Audience type: Resource
Client: Eric De Jong
Master: 1"C Stored: 186-B10 Submaster:

Audio 1: Stereo 2: Stereo
01/15/96 - 0:03:38 Producer:

AVC-1996-076-1/1 **Challenger Anniversary Resource Tape**
NASA/Johnson Space Center Tape 1531A
Site: Audience type: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/09/96 - 0:32:43 Producer: JSC

AVC-1996-077-1/1 **STS-73 Post Flight Presentation**
VTV-591 NASA/JSC production #1529
Site: Audience type: General
Client: JSC
Master: 3/4" Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix JSC 1529
12/01/95 - 0:28:45 Producer: JSC

AVC-1996-078-1/1 **STS-74 Post Flight Presentation**
VTV-592 NASA/JSC production #1538
Site: Audience type: General
Client: JSC
Master: 3/4" Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix JSC 1538
12/01/95 - 0:38:15 Producer: JSC

AVC-1996-080-1/2 **Early Galileo Probe Results Press Briefing**
VTV-593/1 The briefing originated from NASA's Ames Research Center. Project Scientists and principal investigators presented results from the probe's fiery 57 minute descent through the giant gas planet's upper atmosphere. A new animation was also shown portraying this event.
Panelists consist of: William O'Neal (JPL), Marcie Smith (AMES), Dr. Richard Young (AMES), Dr. Hasso Nieman (Goddard), Dr. Ulf von Zahn (GERMANY), Alvin Seiff (San Jose State Univ.),
Site: AMES Audience type: News
Client: PIO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/22/96 - 1:00:00 Producer: NASA Ames

AVC-1996-080-2/2 **Early Galileo Probe Results Press Briefing**
VTV-593/2 Part 2 of 2
Site: AMES Audience type: News

Client: PIO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/22/96 - 0:30:00 Producer: NASA Ames

AVC-1996-081-1/1 **Galileo Probe Preliminary Results B-Roll and Animation**
The source of this information is NTV Video File footage and includes sound bites from key project scientists.
Site: Audience type: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/22/96 - 0:14:00 Producer:

AVC-1996-082-1/1 **Galileo Probe - First Measurements of Jupiter's Atmosphere**
Computer animation showing release of probe into atmosphere. Interview with Dr. Richard Young, Probe Project Scientist. This animation was produced by Ames Research Center and released during a January Press Conference held at Ames.
Site: Audience type: Resource
Client: PIO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/25/96 - 0:11:48 Producer: Ames Research Ctr.

AVC-1996-083-1/1 **Cassini S/C Integration Video File for NASA TV**
Selected interview sound bites with Tom Gavin, followed by B-roll footage of flight hardware integration into the Cassini spacecraft framework in JPL's s/c assembly facility cleanroom. Plus ESA animation of s/c and probe.
Site: Audience type: Resource
Client: McNevin/PIO, Org. 182
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Split 2: Split
01/29/96 - 0:14:26 Producer: Goldrich

AVC-1996-084-1/2 **Keep the "Dream" Alive - Dr. Martin Luther King, Jr.** VTV-597/1
A celebration of the life of Dr. Martin Luther King, Jr. featuring musical numbers and speeches from Larry Dumas, Alfred Paiz, Nickole Rogers, Rev. Lee Norris May, Mrs. Jo Bradley, Willis Meeks

and Tam Antoine.
Site: von Kármán Audience type: General
Client: Beth Abkeah
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/29/96 - 1:30:00 Producer: Goldrich

AVC-1996-084-2/2 **Keep the "Dream" Alive - Dr. Martin Luther King, Jr**. VTV-597/2 Part 2 of 2
Site: von Kármán Audience type: General
Client: Beth Abkeah
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/29/96 - 0:28:00 Producer: Goldrich

AVC-1996-086-1/1 **NASA Planetary Photojournal Video File for NASA TV**
Video File Production for NASA TV featuring a new World Wide Web site developed by JPL and the USGS for easy access to planetary data. Clip includes short interview with Myche McAuley and demonstration of the features of the Web page.
Site: von Kármán Audience type: General
Client: McNevin/PIO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Split 2: Split
02/01/96 - 0:08:00 Producer: Goldrich

AVC-1996-086-2/1 **NASA Planetary Photojournal Video File for NASA TV**
Video File Production for NASA TV featuring a new World Wide Web site developed by JPL and the USGS for easy access to planetary data. Clip includes short interview with Myche McAuley and demonstration of the features of the Web page.
Site: von Kármán Audience type: General
Client: McNevin/PIO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Split 2: Split
02/01/96 - 0:00:00 Producer: Goldrich

AVC-1996-087-1/1 **Mars Pathfinder Rover/Lander Integration Video File for NASA TV**
VTV-595 Short edited highlights from the Mars Pathfinder
Rover/Lander Integration Press tour in BLDG 179 on

Jan 31, 1996. Clip includes interview with Donna Shirley and views of MP Rover and Lander during integration phase.
Site: JPL Audience type:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/31/96 - 0:07:45 Producer: Beck

AVC-1996-089-1/1 **Quantum Well Infrared Photodetector (QUIPS) Video File for NTV**
Video File production for NASA TV on QWIPS. Clip Includes interview with Dr. Sarath Gunapala, task manager of QWIPS team and resource footage of the camera and its performance.
Site: Audience type: NASA
Client: McNevin/PIO, Org. 182
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Split 2: Split
02/01/96 - 0:10:15 Producer: Goldrich

AVC-1996-089-1/1 **Quantum Well Infrared Photodetector (QUIPS) Video File for NTV**
Video File production for NASA TV on QWIPS. Clip includes interview with Dr. Sarath Gunapala, task manager of QWIPS team and resource footage of the camera and its performance.
Site: Audience type: NASA
Client: McNevin/PIO, Org. 182
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Split 2: Split
02/01/96 - 0:10:15 Producer: Goldrich

AVC-1996-090-1/1 **NBC Today Show : Galileo**
An interview between Bryant Gumble and Ed Stone regarding data received from Galileo's probe.
Site: Audience type: General
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/23/96 - 0:06:00 Producer: NBC
Air check, not for general distribution

AVC-1996-094-1/1 **A New View of the Universe Using the Hubble Space Telescope**
VTV-602 Dr. John Trauger presented 60 new views of the universe as seen from the Hubble Space Telescope.
Site: von Kármán Audience type: General

Client: Ed McNevin, Org. 182
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/08/96 - 0:48:00 Producer: Beck

AVC-1996-096-1/1 **Visualization of Earth-Approaching Asteroids**
Orbits about Asteroid 4179 Toutatis (0:11:10)
Rotation of Asteroid 4179 Toutatis (0:06:00)
Impacts into Asteroid 4769 Castalia (0:02:16)
Orbits about Asteroid 4769 Castalia (0:18:18)
Site: Audience type: Technical
Client: New Millennium Pgm.
Master: Stored: Submaster:
Audio 1: Silent 2: Silent
02/23/96 - 0:37:50 Producer: Eric De Jong

AVC-1996-099-1/1 **Magnetic Storms News Conference**
VTV-603 New findings that are beneficial to the telecommunications and power industries in preparing for huge geomagnetic storms are discussed. Participants include: Hugh Hudson, Douglas Hamilton, John Kappenman and Bruce Tsurutani, moderator
Site: TV Studio Audience type: News
Client: PIO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/15/96 - 0:27:09 Producer: Savona

AVC-1996-101-1/1 **Science Policy in a New Era**
Presented by Dr. Laurie Fathe, Assistant Professor of Physics at Occidental College.
Site: 167 Audience type: JPL
Client: Mina Flores
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/21/96 - 0:52:30 Producer:

AVC-1996-102-1/2 **Chapters in Aerospace History - A.M.O. Smith**
JPL retiree Apollo M. O. Smith is interviewed by Dr. Al Hibbs for the California Museum of Science and Industry's archives.
Site: TV Studio Audience type: General
Client: Dr. Shirley Thomas

Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/22/96 - 1:28:50 Producer: Savona
Dr. Shirley Thomas can be reached at (213)744-2327

AVC-1996-102-2/2 **Chapters in Aerospace History - A.M.O. Smith**
Part 2 of 2
Site: TV Studio Audience type: General
Client: Dr. Shirley Thomas
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/22/96 - 1:07:14 Producer: Savona

AVC-1996-106-1/1 **"Spotlight on JPL" BETSCE, QWIP**
Brilliant Eyes Ten-Kelvin Sorption Cryocooler Experiment or "BETSCE" is one in a series of segments on "Spotlight on JPL" featuring engineers and scientists. Second segment features Quantum Well Infrared Photodetector or "QWIP".
Site: Audience type: JPL
Client: George Alexander, Org. 180
Master: 1"C Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/27/96 - 0:04:25 Producer: Savona

AVC-1996-111-1/1 **ESA/ISO First Results Press Conference**
Site: Spain Audience type: Resource
Client: Mary Ellen Barba, Org. 7010
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/01/96 - 1:00:46 Producer: ESA

AVC-1996-112-1/2 **Cassini RPW's - Reel 1**
Raw stock
Site: Audience type: Resource
Client: Mary Beth Murrill, Org. 1810
Master: 1"C Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/16/96 - 0:30:00 Producer:
Jack Dawson has Dupemaster.

AVC-1996-112-2/2 **Cassini RPW's - Reel 2**
Raw stock
Site: Audience type: Resource
Client: Mary Beth Murrill, Org. 1810

Master: 1"C Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/16/96 - 0:30:00 Producer:
Jack Dawson, JPL Photo Lab. has dupemaster.

AVC-1996-113-1/1 **Pluto - Hubble Space Telescope News**
Conference
Dr. Alan Stern of Southwest Research Institute's Boulder, CO, revealed Hubble's snapshots of nearly the entire surface of Pluto, taken as the planet rotated through a 6.4-day period, show that Pluto is a complex object, with more large-scale contrast than any planet, except Earth.
The images also reveal almost a dozen distinctive albedo features, or provinces, none of which have ever been seen before. They include a "ragged" northern polar cap bisected by a dark strip, a bright spot seen rotating with the planet, a cluster of dark spots, and a bright linear marking that is intriguing the scientific team analyzing the images. The images confirm the presence of icy-bright polar cap features, which had been inferred from indirect evidence for surface markings in the 1980s.
Site: NASA Hq Audience type: News
Client: PIO, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/07/96 - 1:04:00 Producer: NASA Hq

AVC-1996-114-1/1 **JPL/AVIRIS California Gulch, CO Superfund Site Video File**
Short Video File discussing AVIRIS data being used to study the California Gulch Superfund site, located near Leadville, CO. This clip for NASA-TV contains raw interview segments, b-roll footage of the superfund site and b-roll footage of the AVIRIS instrument.
Site: Audience type: News
Client: PIO/McNevin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/08/96 - 0:09:28 Producer: Goldrich

AVC-1996-116-1/1 **"The Making of Apollo 13"**
VTV-608

Robert Legato a Visual Effects Supervisor takes us on a behind-the-scenes tour of the making of "Apollo 13". He presents film footage from the motion picture and a video showing the actual model that was built for the launch scene.
Site: von Kármán Audience type: General
Client: CMA, Org. 6100
Master: BCAMsp Stored: 180-101 Submaster:
Audio 1: Mono mix 2: Mono mix
03/11/96 - 1:10:50 Producer: Savona

AVC-1996-118-1/1 **Kidsat Local Briefing**
Local press briefing on the KidSat program held in von Kármán Auditorium.
Site: Audience type: General
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/12/96 - 1:00:00 Producer: John Beck

AVC-1996-119-1/1 **KidSat News Conference**
Live to NASA TV KidSat News Conference held in von Kármán Auditorium.
Site: Audience type: General
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/12/96 - 0:30:00 Producer: John Beck

AVC-1996-120-1/3 **Kidsat STS-76 Mission Overview - Phase I**
Frank Culbertson - Acting Dir. Phase One Prog.
Valery Ryumin - Dir. RSC Energia
John Uri - MIR 21 Mission Scientist
Overview Speaker: Phil Engelaut, Lead Flight Dir.
7:30AM - 9:30
Site: NASA TV Audience type: News
Client: Kidsat, Org. 1820
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/12/96 - 1:36:30 Producer: NASA TV (Beck)

AVC-1996-120-2/3 **Kidsat STS-76 Crew News Conference,**
Videofile,
and EVA Briefings
Kevin Chilton, Commander - Rick Searfoss, Pilot
Ron Sega, Payload Comm. - Mission Specialists:
Linda Godwin, Rich Clifford, Shannon Locid
EVA Briefings: Scott Bleisath, Lead EVA Officer -

Gregg Stover, MEEP Project Manager
Site: NASA TV Audience type: News
Client: Kidsat, Org. 1820
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/12/96 - 2:00:00 Producer: NASA TV (Beck)

AVC-1996-120-3/3 **EVA Cont., Spacehab Briefing, Kidsat Briefing**
Getaway Special Brief.
Spacehab Briefing: Mike Lounge, Spacehab Shuttle/MIR Proj. MGR.
Kidsat Briefing/JPL
Getaway Special: Dr. Allan Tylka, TRIS Experiment Co-Investigator - Chrlie Knapp, GAS Technical MGR.
Site: NASA TV Audience type: News
Client: Kidsat
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/12/96 - 0:58:00 Producer: NASA TV (Beck)

AVC-1996-121-1/1 **Preliminary Galileo Probe Mission Summary**
Animations show spacecraft approach and probe release, probe entry, data return, detection of lightning, high speed winds, formation of planet and impacts of comets and asteroids.
Site: Audience type: Resource
Client: Ludwinski
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
03/07/96 - 0:05:28 Producer: Goldrich

AVC-1996-122-1/1 **Aorounga Crater Chain Video File for NASA TV**
Video File segment for NASA TV, featuring Dr. Adriana Ocampo, discussing the origin and discovery of this multiple crater chain located in the country of Chad. SIR-C still images of the crater chain and footage of the SIR-C payload in the space shuttle are included.
Site: Audience type: Resource
Client: McNevin/PIO/NASA TV, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/18/96 - 0:05:57 Producer: Goldrich

AVC-1996-123-1/1 **1997 NASA Budget Press Briefing**

VTV-610 Press Conference on the Fiscal year budget from
NASA headquarters
Speaker: Administrator Daniel S. Goldin
Moderator: Laurie Boeder, Associate Admin.
Site: NASA HQ Audience type: News
Client: PAO, Org. 1800
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/19/96 - 0:50:00 Producer: NASA HQ

AVC-1996-124-1/1 **NASA Space Camp - "The Ultimate Classroom"**
VTV-611
Site: Audience type: Educational
Client: Teresa Bryant, Org. 0920
Master: VHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/20/96 - 0:15:00 Producer: Space Camp

AVC-1996-125-1/2 **Keck Observatory**
A New Window on the Universe - 12:38
JPL Keck B-Roll
SL9 Impact
Jerry Nelson Interview
Jerry Nelson (cont.) Hale Pahaku
Hale Puhaku (cont.) Mirrors - Tape bad 1/2 thru
Site: Audience type: Resource
Client: Mary Beth Murrill, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/25/96 - 1:23:38 Producer:

AVC-1996-125-2/2 **Keck Observatory**
Exteriors
Site: Audience type: Resource
Client: Mary Beth Murrill, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/25/96 - 0:20:44 Producer:

AVC-1996-127-1/1 **Probing the Atmosphere of Jupiter - Results**
of the Galileo Probe
VTV-612 After a brief introduction by Project Manager,
Bill O'Neil. Probe Scientist, Dr. Richard Young
provides one of the first weather reports from
Jupiter, using data returned by the Galileo
Atmospheric Probe's plunge into Jupiter's vast and

complex atmosphere in Dec. 1995. Q&A follows.
Site: von Kármán Audience type: JPL
Client: Jan Ludwinski, Org. 9500
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/26/96 - 1:25:00 Producer: Savona

AVC-1996-128-1/1 **Galileo Flyby of Io and Io Cutaway Animations**
The first segment illustrates the spacecraft's flyby of Jupiter's moon Io. (30 seconds)
The second segment shows a cutaway of the interior of the moon Io revealing its iron core. (30 sec.)
Site: JPL Audience type: Resource
Client: Ludwinski/PIO, Org. 9500
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
03/27/96 - 0:01:00 Producer: Savona
Resource footage

AVC-1996-130-1/1 **Galileo Io Science Results Video File**
Interviews with Galileo scientists discussing Io's core and Io's interaction with Jupiter's magnetosphere. Raw animations illustrating Galileo's flyby of Io and Io's central core. To be used for NASA TV Video File in conjunction with first Galileo orbiter science press release.
Site: Audience type: Resource
Client: PIO/McNevin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/28/96 - 0:09:45 Producer: Goldrich

AVC-1996-132-1/1 **Galileo Surface Map of Io**
A computer animation which displays the surface gravity map of Io as a series of color contours on a rotating globe of Io. The globe was created from a mosaic of Voyager images.
Site: SSV Audience type: Resource
Client: Eric De Jong
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
03/29/96 - 0:01:56 Producer: Eric De Jong

AVC-1996-133-1/1 **The Volcanic Deserts of Saudi Arabia**
A computer animation which simulates a flight over

north-western Saudi Arabia. The animation was created using an image taken by the KidSat camera mounted on the Space Shuttle Atlantis on Flight STS-76.
Site: SSV Audience type: Resource
Client: Eric De Jong
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
03/29/96 - 0:02:35 Producer: Eric De Jong

AVC-1996-135-1/1 **Stardust Animation (New Millennium)**
0:41 "The Stars & Beyond" animation w/narration describing the Lockheed Martin Astronuatics Flight Systems' spacecraft for the NASA Discovery Program. Scheduled to launch in early 1999 to collect samples from Comet D-WILD-2 and particles beaming into the Solar System.
Raw source animation for above sequence:
0:34 Comet with coma.
0:34 Spacraft over comet with coma background.
0:17 S/C over Earth ejecting collection capsule.
0:11 Capsule descending through atmosphere, Earth POV.
Site: Audience type: Resource
Client: New Millennium/PIO, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/16/96 - 0:04:00 Producer: Lockheed Martin

AVC-1996-136-1/1 **Mars Pathfinder Animation**
A complete computer-generated sequences illustrating a proposed mission to Mars using small, lightweight spacecraft. Includes launch, cruise, landing and the exploration of the surface of Mars.
Site: Audience type: Resource
Client: Mars Pathfinder, Org. 1510
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
01/18/96 - 0:07:57 Producer: Robert Abbanat
Engineered Multimedia - Version 1.3
Narration to be added in the following months.
Produced by Engineered Multimedia, 1180 Grimes Bridge Road, Suite 500, Roswell, GA 30075, 770/993-8384.

AVC-1996-137-1/2 **Chapters in Aerospace History - Dr. Albert Hibbs**
JPL retiree Dr. Albert Hibbs is interviewed by Donna Shirley for the California Museum of Science and Industry's archives.
Site: TV Studio Audience type: General
Client: Dr. Shirley Thomas, Org. 182
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/04/96 - 1:27:45 Producer: Savona
TRT: 2:22:45
Dr. Shirley Thomas can reached at (213) 744-2327.

AVC-1996-137-2/2 **Chapters in Aerospace History - Dr. Albert Hibbs**
Part 2 of 2.
Site: TV Studio Audience type: General
Client: Dr. Shirley Thomas, Org. 182
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/04/96 - 0:55:00 Producer: Savona
TRT: 2:22:45
Dr. Shirley Thomas can reached at (213) 744-2327.

AVC-1996-138-1/1 **Cassini Testing & Integration at JPL Compilation**
Video File
Cassini S/C Integration Videofile & Raw Stock.1/29
Cassini RWP's Testing 2/16/96
High Gain Antenna Integration 7/21/95
Cassini/Huygens Test Model Interface Test 7/18/95
Propulsion Module Main Engine Assembly Test1/11/96
Cassini Shake Test 1/8/96
Site: Audience type:
Client: Mary Beth Murrill
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
04/05/96 - 0:56:00 Producer: Ziats

AVC-1996-139-1/1 **"Where the Trends in National Science Policy are Headed."**
VTV-614 Congressman George E. Brown talks about Science Policy for a CMA evening talk.
Site: von Kármán Audience type: General
Client: Mina Flores, Org. 6100
Master: BCAMsp Stored: Submaster:

Audio 1: Mono mix 2: Mono mix
04/09/96 - 1:05:00 Producer: Ziats
Single camera videotaping with title edited on after.

AVC-1996-140-1/1 **Space Technology & the Discovery of the Lost City of Ubar**
VTV-615
Dr. Ronald Blom co-discoverer of the lost city of Ubar gives a presentation on its discovery. This slideshow talk covered anecdotes and background on the Field trips to The Saudi Pennisula of Oman. This is a CMA noontime briefing intro by Mina Flores.
Site: von Kármán Audience type: General
Client: Mina Flores, Org. 6100
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/11/96 - 1:06:00 Producer: Borst
This was a 1-1/2 camera production edited by Borst

AVC-1996-142-1/1 **SIR-C/X-SAR Great Wall of China Video File for NASATV**
Video File material for NASA-TV discussing how Sir-C/X-SAR data are being used to study the Great Wall of China. Tape includes interview with Jeff Plaut, radar images of the Great Wall, raw footage of scientists in the field in China and footage of the Sir-C/X-SAR launch in April '94.
Site: Audience type: News
Client: PIO/McNevin/NASA
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/15/96 - 0:08:05 Producer: Goldrich

AVC-1996-143-1/1 **Topex/Poseidon Video File**
Item #1: STS-1, 15th Anniversary footage commemorating first Shuttle flight.
Item #2: Topex/Poseidon Spacecraft Animation
Item #3: Topex El Niño Data Animation
Item #4: Topex/Poseidon El Niño Color Maps
Site: Audience type: Resource
Client: McNevin, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/12/96 - 0:09:00 Producer: Borst

AVC-1996-145-1/1 **The Age of Space Flight - "Events, People, Thoughts"**
VTV-616 A CMA Evening Talk by Aleksandr Yu. Ishlinski of the Russian Academy of Sciences talks on his experiences with the Russian Space Agency since its inception. This talk has an introduction by former JPL Director, Dr. William H. Pickering.
Site: 167 Audience type: General
Client: Roger Bourke, Org. 6100
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/18/96 - 1:08:00 Producer:

AVC-1996-146-1/5 **Galileo Jupiter Arrival Day**
Includes JPL/NASA television coverage of:
AVC-1996-056 Galileo Arrival Day Opening Press Conf. 0:40:52
AVC-1996-050 Galileo Probe Descent Overview 2:00:00
AVC-1996-051 Galileo Orbit Insertion Overview 1:30:00
AVC-1996-058 Galileo Arrival Day Closing Press Conf. 1:04:29
Site: JPL Audience type: General
Client: M. Hine, Org. 9500
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/07/95 - 5:13:00 Producer: JPL A/V
350 copies Produced for Galileo project. Special album cover.

AVC-1996-147-1/1 **NEAT Video File for NASA TV**
Video file elements for the Near Earth Asteroid Tracking developed at JPL. Clips include interviews with Dr. Eleanor Helin and Steven Pravdo, members of the NEAT team at JPL. Stills of USAF station in Hawaii and resource animation of asteroids are included in this package.
Site: Audience type: NASA
Client: NASA TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/22/96 - 0:10:42 Producer: Mc Nevin

AVC-1996-152-1/1 **STS-77 Pre-Flight Briefing Spartan**
207/Inflatable Antenna Experiment

VTV-621 STS-77 Pre-Flight Briefing with Mark Steiner, Spartan 207 Mission Manager; Dr. Steven Bard, IAE Project Manager/Jet Propulsion Laboratory; Gordon Veal, Principal Investigator/L'Garde
Site: Goddard Audience type: News
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/30/96 - 0:39:00 Producer: NASA TV

AVC-1996-153-1/1 **STS-77 Pre-Flight Briefing of BETSCE**
Pre-Flight Briefing with Dr. Steven Bard, BETSCE Project Manager/Jet Propulsion Laboratory. Brilliant Eyes Ten-Kelvin Sorption Cryocooler Experiment or BETSCE will launch in May 1996.
Site: Goddard Audience type: News
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/30/96 - 0:10:16 Producer:

AVC-1996-156-1/1 **NSCAT In Japan**
B-Roll of the Instrument.
ADEOS Shot (March 1995 through April 1996)
By NASDA Tokyo
Site: Tokyo Audience type: Resource
Client: Mary Hardin, Org. 7830
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/01/96 - 1:00:59 Producer: NASDA Tokyo

AVC-1996-158-1/1 **Keck II Dedication Video File for NASA-TV**
Video File for NASA-TV to be used in support of the dedication of the Keck II observatory on May 8,1996. Segments include an interview with Dr. Edward Stone, resource footage of the Keck facility and galaxies and nebulas as viewed by the Keck observatory.
Site: Audience type: News
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/02/96 - 0:08:55 Producer:

AVC-1996-159-1/1 **Ion Engine Testing Video File for NASA-TV**
Video File segment for NASA-TV showing the NSTAR 8,000 hour Ion engine test at JPL. Includes an interview with Jay Polk, advanced propulsion

technology group, footage of the Ion engine being operated in a vacuum chamber at JPL and animation depicting a futuristic anti-matter propelled spacecraft flying towards the Orion Nebula.
Site: Audience type: News
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/02/96 - 0:06:12 Producer:

AVC-1996-162-1/1 **Mobile Underwater Debris Survey System Video File for NASA-TV**
Video File production on the MUDSS system, a joint program between the U.S. Navy and JPL to detect unexploded ordnance at weapon testing ranges. Includes interview with Dr. Tien Hsin Chao, task manager of MUDSS, and animation and data depicting how the system will work.
Site: Audience type: News
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/06/96 - 0:09:25 Producer:

AVC-1996-163-1/1 **NASA TV Video File**
Interview - Dr. Margaret Kivelson, Galileo Team Leader. Description of how data from Galileo has revealed new information about Jupiter and Io's magnetic field.
Replay - A New Look At The Sun
A Downlink
Site: Audience type: Resource
Client: PIO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/03/96 -12:00:00 Producer: Hanchett

AVC-1996-164-1/1 **The Role of Penetrators in Sample-Return Missions**
VTV-622
This program covers two potential applications for sample-return missions. Inexpensive landers in the form of penetrators, can collect both surface and sub-surface samples and prepare them for Earth return. This lecture is presented by William V. Boynton, Professor of Planetary Sciences.

Site: von Kármán Audience type: Technical
Client: Suzanne D'Mello
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/06/96 - 1:00:00 Producer: Beck

AVC-1996-165-1/1 **Mars Pathfinder Resource Compilation**
1) Mars Global Surveyor- 5:42
2) Mars Pathfinder Animation- 7:57
3) Best of Mars Pathfinder Assembly in Clean Room- 8:42
4) Pathfinder '97 in 25' Space Simulator- 1:51
5) Mars Pathfinder Centrifuge Test, 70rpm- 6:00
Site: Audience type: Resource
Client: Skip McNevin, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/07/96 - 0:31:11 Producer: Ziats

AVC-1996-166-1/1 **Space Science in the 21st Century**
VTV-623 Directors Topical Seminar Series
Professor Freeman Dyson gives lecture on three advanced launch systems that give us radically cheaper access to space.
Site: von Kármán Audience type: Technical
Client: Edward NG
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/09/96 - 1:08:00 Producer: Beck

AVC-1996-175-1/1 **"A Tour of the Solar System"**
Computer animation of a journey through the solar system, starting from the Sun and passing by all the planets. Three versions, at 25, 35 and 45 seconds. Created by Dana Berry.
Site: Audience type:
Client: JPL
Master: BCAMsp Stored: 180-101 Submaster:
Audio 1: Silent 2: Silent
05/16/96 - 0:02:00 Producer:

AVC-1996-176-1/1 **SIR-C - Flyover of the Rocky Mountains of Montana**
A simulated flight over the Rocky Mountains of Montana using a three-dimensional map constructed from SIR-C radar observations.
Site: Audience type: Resource

Client: Mona Jasnow/De Jong
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Silent 2: Silent
05/16/96 - 0:01:58 Producer: Savona

AVC-1996-177-1/1 **Topex/Poseidon Buoys Video File**
This Video File contains interviews with the project scientist and students about their work with tracking buoys for the Topex/Poseidon satellite. Also includes B-roll and animation.
Site: Audience type: News
Client: DeCharon/NASA-TV
Master: M-II Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/16/96 - 0:07:40 Producer: Goldrich

AVC-1996-178-1/1 **STS-77 Day 2 Highlights Compilation Tape**
(Inflatable Antenna)
Mission Video File 25:00
Mission Update with Pat Ryan - 12:00
Guest: Mark Steiner - Spartan 207/IAE
Mission Manager
Raw Views of Inflatable Antenna Deployment with Astronaut John Casper Commander STS-77
Site: NASA Select Audience type: General
Client: Ed McNevin, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/20/96 - 1:00:00 Producer: McNevin

AVC-1996-179-1/1 **Cassini Fly Your Name to Saturn Video File for NASA-TV**
Short Video File production on the "Fly Your Name to Saturn" opportunity sponsored by JPL and The Planetary Society. Clip includes an interview with Dave Hagie of The Planetary Society and b-roll footage of volunteers processing signature submissions.
Site: Audience type: News
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/21/96 - 0:04:41 Producer: Goldrich

AVC-1996-180-1/1 **New Millennium-DS2 Mars Micropenetrator Video File for NASA-TV**

Video File production on the flight opportunity for the Mars micropenetrators, developed by the New Millennium program at JPL. Includes interviews with Sarah Gavitt and Sue Smrekar and animation depicting the deployment and impact of the micropenetrators on Mars.
Site: Audience type: News
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/21/96 - 0:06:17 Producer: Goldrich

AVC-1996-182-1/1 **RTG's Powering Space Exploration Into the 21st Century**
An edited production explaining the use of RTGs by robotic spacecraft in interplanetary exploration.
Site: Audience type: General
Client: McNevin, Org. 1810
Master: 1"C Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/22/96 - 0:09:50 Producer: Semerano

AVC-1996-183-1/1 **The Crab Nebula: The Movie**
A video news release from Space Telescope Science Institute.
Site: Maryland Audience type: News
Client: Jurrie Van der Woude, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/30/96 - 0:08:11 Producer: STSI

AVC-1996-193-1/1 **Galileo Ganymede-1 Encounter Video File for NASA-TV**
Video File segment developed prior to the Galileo encounter with Ganymede on June 26, 1996. Tape includes interview with Dr. Torrence Johnson, Galileo Project Scientist, animation depicting Galileo's flyby of Ganymede, simulated views of the surface of Ganymede based on Voyager data, and stills of Ganymede from Voyager.
Site: Audience type: News
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/21/96 - 0:10:22 Producer: Goldrich

AVC-1996-195-1/1

Galileo - Ganymede Encounter - G1 orbit computer animation

A computer animation illustrating closest approach to Jupiter's moon Ganymede. One second of video displays one hour of the events taking place from June 25, 1996, at 23:29 PDT to June 27, 1996, at 23:29 PDT. On June 26, 1996, at 23:29 PDT the spacecraft will at closest approach to Ganymede.
Site: JPL Audience type: Resource
Client: Eric De Jong
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
06/24/96 - 0:00:47 Producer: De Jong

AVC-1996-196-1/1

Galileo - Ganymede Encounter - Spacecraft & Satellite Positioning

A computer animation illustrating the relative location of the spacecraft, Jupiter and its moons during the G1 encounter period. One second of video displays two hours of the events taking place from June 24, 1996, at 23:29 PDT to June 28, 1996, at 23:29 PDT.
Site: Audience type: Resource
Client: Eric De Jong
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
06/24/96 - 0:00:55 Producer: De Jong

AVC-1996-197-1/1

Exploration-The Solar System & the Universe

Edited production for a video wall depicting the planets and universe based on some of the most recently acquired NASA images to date. No narration.
Site: Audience type: General
Client: Alexander/Bridges
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Stereo 2: Stereo
06/25/96 - 0:06:50 Producer: Semerano

AVC-1996-198-1/1
VTV-632

Andy Thomas Visit to JPL

Former JPL employee, Andy Thomas, Mission Specialist on STS-77, narrated a video of the activates aboard Endeavor during its 10-day mission.
Site: von Kármán Audience type: General
Client: PAO, Org. 180

Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/24/96 - 0:56:00 Producer: Beck

AVC-1996-199-1/2 **Galileo - Ganymede Family Night**
Coverage of closest approach of the Galileo spacecraft's encounter with Jupiter's moon Ganymede as observed by the Galileo team and their family and friends.
Part 1 of 2: TRT - 01:58:00
Site: von Kármán Audience type: JPL
Client: Maynard Hine
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/26/96 - 1:30:00 Producer: Savona

AVC-1996-199-2/2 **Galileo - Ganymede Family Night**
Part 2 of 2: TRT - 01:58:00
Site: von Kármán Audience type: JPL
Client: Maynard Hine
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/26/96 - 0:28:00 Producer: Savona

AVC-1996-201-1/1 **Vice President Gore's Announcement of X-33 Builder**
VTV-629
V.P. Al Gore announcing, outside bldg. 180, the winning contractor for the development of the X-33 SSTO vehicle. Included is an introduction by NASA Administrator Dan Goldin.
Site: JPL Mall Audience type: News
Client: NASA Public Affairs
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/02/96 - 0:23:10 Producer: Savona

AVC-1996-202-1/1 **X-33 Press Conference with NASA Administrator Dan Goldin & Gary Payton**
VTV-630
Dan Goldin and RLV Director Gary Payton discuss the X-33 project and its winning builder, and answer questions from local and national media, as well as from other NASA centers. Included at the end is V.P. Gore's award announcement and animation of the winning design.
Site: von Kármán Audience type: News

Client: NASA Public Affairs
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/02/96 - 0:59:57 Producer: Savona

AVC-1996-204-1/1 **X-33 Concept Animation**
Animations from NASA Video File depicting the three contenders for the X-33 RLV spacecraft. Animation #2 from Lockheed was the winning design, as announced by Vice President Al Gore, at JPL.
Site: Audience type: General
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
07/02/96 - 0:07:22 Producer: NASA-TV

AVC-1996-205-1/1 **Galileo Ganymede Press Briefing Video File for NASA-TV**
Video File elements used in support of the Galileo Ganymede first encounter press briefing, held July 10, 1996. Includes first image of Uruk Sulcus, zoom-in animation onto Ganymede, using Voyager and Galileo data, and animation depicting Galileo's detection of a magnetosphere surrounding Ganymede.
Site: Audience type: News
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/09/96 - 0:05:29 Producer: Goldrich

AVC-1996-206-1/1 **Science Briefing to the Galileo Flight Team**
VTV-634 An evaluation of Science Data by the Galileo Flight Team.
Site: JPL Audience type: Resource
Client: Maynard Hine, Org. 9500
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/10/96 - 1:30:00 Producer: Beck
1-1/2 camera videotaping in von Kármán Auditorium

AVC-1996-207-1/1 **Galileo Science Update - First Ganymede Encounter Pictures & Results**
VTV-635 David Seidel moderates a science discussion of Galileo's first encounter with Jupiter's moon Ganymede. Participants include: Dr. Jim Head, Dr. Bob Pappalardo, Dr. Torrence Johnson and Bill O'Neil.

Site: von Kármán Audience type: News
Client: PIO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/10/96 - 1:00:00 Producer: Savona

AVC-1996-210-1/1 **Shuttle Radar Topography Mapper (SRTM) Computer Animation**
The first segment shows an icon of the shuttle & antenna to illustrate the shuttle's orbit. Next segment we see the radar instrument. The last segment a yellow ellipse emanates from the antenna mounted in the shuttle's bay representing the signal from the C-band antenna.
Site: Audience type: Resource
Client: Eric De Jong
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
06/27/96 - 0:03:18 Producer:

AVC-1996-211-1/1 **Space Science Update - "Pluto"**
Space Science Update featuring new images of the distant planet Pluto, providing the highest detail of the icy bodies surface as seen using the Hubble Space Telescope. Hosted by Steve Maran of the Goddard Space Flight Center.
Site: NASA HQ Audience type: News
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/07/96 - 0:56:44 Producer: NASA

AVC-1996-212-1/1 **Space Science Update - "Measuring the Universe"**
Space Science Update featuring a discussion on the relative age of out universe, and Hubble's increased capability to characterize the age of our solar system and surrounding universe. Hosted by Steve Moaran of the Goddard Space Flight Center.
Site: NASA HQ Audience type: News
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/09/96 - 1:09:47 Producer: NASA

AVC-1996-213-1/1 **Space Science Update - "Crab Nebula: The Movie"**
Space Science Update featuring a discussion and

animations on the Crab Nebula based on recent observations made using the Hubble Space Telescope. Hosted by Steve Maran of the Goddard Space Flight Center.
Site: NASA HQ Audience type: News
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/30/96 - 0:39:10 Producer: NASA

AVC-1996-218-1/1 **Galileo's Encounter Computer Animation Collection**
Computer animation simulations of the Galileo spacecraft encounter with Ganymede, Europa and Jupiter's Great Red Spot.
Spacecraft Closest Approach to Ganymede - :48
Spacecraft & Satellite Positions - :34
Magnetic Field Measurements - :35
Simulated Flight Over Uruk Sulcus - 1:15
Zoom into Uruk Sulcus - :44
Zoom into Europa - 1:23
Rotation of Jupiter and Blinking GRS - 1:35
Site: DIAL Audience type: Resource
Client: Eric De Jong
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
07/18/96 - 0:12:06 Producer: Savona

AVC-1996-222-1/1 **Mission: Mars**
A look back at the Viking Mars missions and a look forward to our return to the red planet.
Site: Audience type: Resource
Client: PIO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/25/96 - 0:11:42 Producer: Lockheed Martin

AVC-1996-231-1/1 **Mars Penetrator and Deep Space 1 Animations**
Short animations showing the impact of surface penetrators on Mars and the DSO spacecraft encountering both an asteroid and a comet.
Site: Audience type: Resource
Client: Ed McNevin
Master: 1"C Stored: 186-B10 Submaster:
Audio 1: silent 2: silent
08/06/96 - 0:03:15 Producer: Semerano

AVC-1996-232-1/1 **NSCAT Pre-Launch Video File for NASA-TV** Video File package for NASA-TV to be used in conjunction with the launch of the NSCAT instrument onboard the Japanese ADEOS satellite in August. Features interview with Jim Graf, NSCAT Project Manager as well as footage of the s/c, animation depicting launch and examples of anticipated NSCAT data.
Site: Audience type: News
Client: PIO/NASA-TV/McNevin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/06/96 - 0:09:32 Producer: Goldrich

AVC-1996-233-1/1 **Mars Precision Landing Animation**
This computer animation illustrates a typical Mars mission sequence. Includes aero-maneuvering and precision soft landing.
Site: DIAL Audience type: Resource
Client: Eric De Jong
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
08/07/96 - 0:02:31 Producer: Savona

AVC-1996-234-1/2 **NASA HQ Briefing: Discovery of Possible EarlyMartian Life**
VTV-638
News conference from NASA headquarters on findings showing strong circumstantial evidence of possible early Martian Life, including microfossil remains found in a Martian meteorite.
Speakers:
Dan Goldin, NASA Administrator; Dr. Wesley Huntress Jr. NASA Assoc. Administrator for Space Science; Dr. David McKay, principal author, JSC; Dr. Everett Gibson, JSC; Dr. Richard N. Zare, Professor of Chemistry, Stanford U.; Kathy Thomas-Keprta, Lockheed-Martin, JSC; and Dr. William Schopf, Professor, Dept. of Earth and Space Sciences, UCLA.
Q&A at end plus B-roll of images.
Site: NASA HQ Audience type: News
Client: PIO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/07/96 - 1:30:00 Producer: NASA HQ

TRT: 2:13:00

AVC-1996-234-2/2 **NASA HQ Briefing: Discovery of Possible Early Martian Life**
VTV-638 Part 2
Q&A and B-roll of images.
Site: NASA HQ Audience type: News
Client: PIO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/07/96 - 0:43:45 Producer: NASA HQ
TRT: 2:13:00

AVC-1996-235-1/1 **Mars Mission Animation Compilation**
1) Mars Global Surveyor- 5:42
2) Mars Pathfinder Animation- 7:57
3) Mars the Movie- 5:30
4) Mars Precision Landing Animation- 2:30
Site: Audience type: Resource
Client: PIO/McNevin, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/07/96 - 0:22:32 Producer: Ziats

AVC-1996-236-1/1 **KIDSAT: Flyovers & STS-76 Mission Coverage**
Site: Audience type: Resource
Client: Jobea Way
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/08/96 - 1:17:04 Producer: Beck

AVC-1996-240-1/1 **Galileo Science Team Briefing #2**
Detailed Science presentations from the Galileo Science Team prior to the 8-13-96 Press Conference.
Site: von Kármán Audience type: JPL
Client: M. Hine
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/12/96 - 1:30:00 Producer: Beck

AVC-1996-242-1/1 **Galileo Science Update-Observing Changes on Europa & Jupiter's System**
VTV-640 David Seidel moderates a science discussion of Galileo's latest images of Europa, Io and Jupiter. Participants include: Dr. Ronald Greeley, Dr.

Alfred McEwen, Dr. Diana Blaney and Dr. Andy Ingersoll.
Site: von Kármán Audience type: News
Client: PIO
Master: 1"C Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/13/96 - 0:59:15 Producer: Savona

AVC-1996-243-1/1 **Galileo Observing Changes on Europa and in Jupiter's System Video File**
Video File elements for NASA-TV used in conjunction with the Galileo Science Update on August 13, 1996. Footage includes a two-dimensional pan of Europa's surface using Galileo imaging data, time-lapse animation of the Great Red Spot using images taken 70 minutes apart, and still images of Jupiter's moon Io (showing a volcanic plume), Europa's surface, and the Great Red Spot.
Site: Audience type: News
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/12/96 - 0:04:50 Producer: Goldrich

AVC-1996-244-1/1 **NASDA/ADEOS (NSCAT) Launch from Japan and Replays**
VTV-642
Edited version of Launch of NASDA/ADEOS Satellites (NASA Scatterometer) aboard Japanese Rocket from Tanegashima Space Center. Satellite transmission recorded August 16. Includes outside view of launch.
Site: vK Audience type: General
Client: Mary Hardin, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/16/96 - 0:28:00 Producer: Borst

AVC-1996-247-1/2 **NSCAT LAUNCH B-ROLL**
Unedited views of people watching the launch of NSCAT in von Kármán Auditorium on August 16, 1996.
Site: JPL Audience: News Resource
Client: Seidel/Lievense
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

08/16/96 - 0:20:00 Producer: Semerano

AVC-1996-247-2/2 **NSCAT LAUNCH B-ROLL**
Isolated fixed views of guests speaking during the launch of NSCAT in von Kármán Auditorium on August 16, 1996.
Site: von Kármán Aud. Audience: News Resource
Client: Seidel/Lievense
Master: M-II Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/16/96 - 1:30:00 Producer: Semerano

AVC-1996-248-1/1 **Looking for Signs of Martian Life Video file for NASA-TV**
NASA TV video file B-roll and animations
Site: JPL Audience: Gen.
Client: PIO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/08/96 - 0:18:44 Producer: Ziats

AVC-1996-249-1/1 **Mars Global Surveyor Arrival & Transfer to PHSF Video file for NASA-TV**
Video file from NASA TV
Site: Audience: News Resource
Client: PIO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/14/96 - 0:17:04 Producer: Ziats

AVC-1996-252-1/1 **Searching for Life in the Ancient Water Systems of Mars**
VTV-643 JPL's Public Affairs Office presentation
Speaker: Dr. Michael Carr, United States Geological Survey.
A two camera videotaping in von Kármán Auditorium.
Site: von Kármán Aud. Audience: Gen.
Client: PAO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/22/96 - 1:07:54 Producer: Beck

AVC-1996-253-1/1 **Toys in Space**
A series of segments with shuttle astronauts describing and demonstrating the physical properties and reactions of certain children's toys

operating in the microgravity environment of space.
Site: Audience: Gen. Edu.
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/23/96 - 1:01:22 Producer: NASA

AVC-1996-255-1/1 **Galileo Ganymede-2 Encounter Video File for NASA-TV**
Video File elements used in support of the Galileo's second encounter with Ganymede on Sept. 6, 1996. Includes interviews with Brian Paczkowski and William O'Neil, and features animation products developed from Galileo's first flyby of Ganymede on June 27, 1996.
Site: Audience: News Resource
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/30/96 - 0:12:52 Producer: Goldrich

AVC-1996-256-1/1 **Ganymede G2 Encounter & Spacecraft and Satellite Positioning Animation**
Computer animation displays closest approach and Spacecraft and Satellite Positioning of the Galileo mission.
Descriptions precede each animation.
Site: Audience: Resource
Client: Eric De Jong
Master: Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
09/04/96 - 0:04:04 Producer:

AVC-1996-258-1/1 **Galileo Animation Compilation**
Contains Earth 1 Rotation, Earth Moon Conjunction, Probe Release and Entry, Ganymede 1 Encounter Results, Jupiter Orbital Tour
-Contains Music and Natural Sound
Site: Audience: Edu.
Client: M. Hine
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/05/96 - 0:07:45 Producer: Beck

AVC-1996-260-1/1 **Pluto Express Trajectory Animation**

Various views of the Pluto Express trajectory and a view of the spacecraft revolving about it's center point.
Produced for inserting into a Discovery Channel program.
Site: 179 FST Audience: Resource
Client: Patti Koenig
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: silent 2: silent
Raw footage
Recorded on MII remote recorder... has some drop-outs.
09/12/96 - 0:22:02 Producer: Hanchett

AVC-1996-261-1/1 **SGM - Second Generation Microspacecraft**
This video gives a brief overview of a highly autonomous spacecraft, adaptable for a variety of missions and describes it's principal technologies, instrument simulation and mission visualization.
Site: Audience: Tech.
Client: C. Satter
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/15/96 - 0:15:00 Producer: Satter/Beck

AVC-1996-262-1/1 **Light and Dexterous Robots for In Situ Planetary Science**
An edited production demonstrating a new composite robot arm technology for Mars surface science.
Site: 277 & 107 Audience: Tech.
Client: Paul Schenker, Org. 3540
Master: 1"C Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/17/96 - 0:05:38 Producer: Savona

AVC-1996-265-1/1 **Cassini Spacecraft Stacking Video File for NASA-TV**
B-roll footage of Cassini assembly and stacking activities conducted on Saturday, September, 14 and Friday, September, 20, 1996 in the Spacecraft Assembly Facility at the Jet Propulsion Laboratory. (Natural Sound)
Site: Audience: News Resource
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:

Audio 1: Mono mix 2: Mono mix
09/23/96 - 0:16:13 Producer: Goldrich

AVC-1996-267-1/1 **Robot Assisted Micro Surgery - RAMS**
An edited program describing FY 96 accomplishments of the Robot Assisted Micro Surgery task.
Site: 198 B6 Audience: Tech.
Client: Hari Das, Org. 345
Master: 1"C Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/25/96 - 0:06:08 Producer: Savona

AVC-1997-004-1/1 **NSCAT B-Roll**
NASA TV Video File showed animation, images and an interview highlighting the first results from NASA Scatterometer (NSCAT) instrument aboard Japan's Advanced Earth Observing Satellite (ADSEOS). NSCAT was launched aboard ADEOS last August and sent back these first images in September showing ocean surface wind speeds as well dramatic views of Typhoons Tom and Violet. For more information contact Doug Isbell at (202) 358-1753.
1. Jim Graf Interview (Audio Mix Ch. 1 & 2)
2. Interpolated Wind Field - Pacific (MOS)
3. Interpolated Wind Field - West Pacific (MOS)
4. Typhoons Violet & Tom (MOS)
5. NSCAT Launch (Audio mix Ch. 1 & 2)
6. NSCAT Animation (MOS)
Site: Audience: JPL Resource
Client: PIO/McNevin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/01/96 - 0:11:30 Producer: Photo Lab

AVC-1997-005-1/1 **Lightweight Rovers for Planetary Science**
An edited production discussing the development of the Lightweight Survivable Rover (LSR-1) technology, a concept for replacing the heavier and larger volume Sojourner series of rovers currently being flown on Mars missions.
Site: Audience: Tech.
Client: Paul Schenker
Master: 1"C Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono Mix 2: Mono mix
10/02/96 - 0:05:00 Producer: Goldrich

AVC-1997-006-1/1 **Exploration of Small Bodies - RTOP**
This tape contains an ADAMS simulation of a 3-legged comet lander. Simulations include landing on +45 deg. surface, -45 deg. surface and flat surface.
Site: Audience: Tech.
Client: R. Linderman
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/03/96 - 0:07:00 Producer: Beck

AVC-1997-007-1/1 **Real-Time Collision Avoidance for Dextrous 7-DOF Arms**
This edited production describes the NASA-Ranger Telerobotic Flight Experiment, aimed at the development and demonstration of robotics technologies for executing manipulation tasks in space.
Site: Audience: Tech.
Client: Bon/Seraji
Master: 1"C Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/07/96 - 0:05:34 Producer: Goldrich

AVC-1997-010-1/1 **Long Range Science Rover**
An edited production showing Rocky VII performing science operations in the Mars yard at JPL. Included is a demonstration of a new Mast System developed for the rover.
Site: Audience: Tech.
Client: Paul Backes
Master: 1"C Stored: 186-B10 Submaster: BCAMsp
Audio 1: Narration 2: Effects
10/10/96 - 0:11:45 Producer: Semerano

AVC-1997-011-1/1 **Ranger Surface Inspection**
An edited production showing how the Earth orbiting Ranger Spacecraft will perform tasks in orbit utilizing telerobotic technologies.
Site: Audience: Tech.
Client: Eugene Chalfant
Master: 1"C Stored: 186-B10 Submaster: BCAMsp
Audio 1: Narration 2: Effects
10/10/96 - 0:06:45 Producer: Semerano

AVC-1997-013-1/1 **Cassini/Huygens Probe Mock-up Installation Video**

File for NASA-TV
B-roll of the installation of a mock-up of the ESA-built Huygens probe in bldg. 179 at JPL on Friday, October 11, 1996.
Site: Audience: News
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/14/96 - 0:05:49 Producer: Goldrich

AVC-1997-014-1/1 **NASA Administrator Dan Goldin Briefing on Future Mars Missions**
NASA Administrator Dan Goldin speaking on the NASA vision for future Mars robotic exploration and, specifically, Mars Global Surveyor & Mars Pathfinder set to launch in 1996.Laurie Boeder of NASA Public Affairs moderates Q & A. 23:26
Video File follows 24:05 with B-Roll footage
Site: NASA HQ Audience: Gen. News
Client: PIO, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/16/96 - 0:47:31 Producer: Borst

AVC-1997-015-1/2 **Mars Global Surveyor and Mars Pathfinder Mission Briefing**
VTV-652 Doug Isbell NASA Public Affairs moderates a briefing about the upcoming missions to Mars. Panelists are Dr. Wesley Huntress NASA Associate Administrator for Space Science; Dr. Michael Carr USGS; Glenn Cunningham MGS Project Man.; Dr. Arden Albee MGS Proj. Scientist; Anthony Spear Mars Pathfinder Proj. Man.; Dr. Matthew Golombeck Mars Pathfinder Proj. Scientist. Question and Answers with press follows briefing.
Site: NASA HQ Audience: Gen. Resource
Client: PIO/McNevin, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
TRT - 1:53:00
10/16/96 - 1:33:00 Producer: Borst

AVC-1997-015-2/2 **Mars Global Surveyor and Mars Pathfinder Mission Briefing**
VTV-652 Part 2 of 2
Site: NASA HQ Audience: Gen. Resource

Client: PIO/McNevin, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
TRT - 1:53:00
10/16/96 - 0:20:00 Producer: Borst

AVC-1997-016-1/1

Exploration of Small Bodies - Fiscal 1996 Accomplishments

This program gives an overview of the prototype compact drill and sampling mechanism as well as demonstrates the landing performance of the 3-legged comet lander. The drill and lander are the two primary goals of the Exploration of Small Bodies Task.
Site: Audience: Tech.
Client: D. Sevilla
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/16/96 - 0:07:00 Producer: Beck

AVC-1997-020-1/1

Galileo DPS Briefing Results Video File For NASA-TV

Elements which coincide with the Division of Planetary Sciences meeting and press briefing held in Tucson, Arizona on October 24, 1996. Includes interviews with Torrence Johnson and Dr. Scott Bolton and features animation and still images of Ganymede, Io, and Jupiter's Great Red Spot.
Site: Audience: News Resource
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/22/96 - 0:21:45 Producer: Goldrich

AVC-1997-023-1/1
VTV-653

CMA - "The Future Exploration of Mars"

Bruce Murray and Donna Shirley briefly describe the current status of Mars exploration and the possible future directions within the current program. Also discussed is the rationale for - as well as the political and fiscal realities involved with exploring Mars in the future.
Site: von Kármán Audience: JPL
Client: Mina Flores
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
Q and A follows

10/25/96 - 0:54:50 Producer: Savona

AVC-1997-034-1/1 **Mars Global Surveyor L-1 Pre-Launch Press Briefing**
Pre-Launch Briefing from KSC 48:20
Panelists:
Wes Huntress - Assoc. Admin. Space Science NASA;
Floyd Curington - NASA Launch Manager KSC;
David Mitchell - Launch Service Manager GSFC;
Rich Murray - Flight Dir. MacDonell Douglas;
Glenn Cunningham - Mission Dir/Proj. Manager, JPL;
Bud McAnally - Project Manager, Lockheed Martin;
Joel Tumbiolo - Launch Weather Officer, USAF;
Video File Follows 22:15
Site: KSC Audience: News
Client: PIO, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/05/96 - 1:08:00 Producer: KSC

AVC-1997-035-1/1 **Mars Global Surveyor Post-Launch Press Conference**
From KSC in Florida, the conference reiterates the state of good health of MGS, approximately 2 hrs. after launch. Also included on this tape, following the conference, is Mars missions video files from NASA-TV.
Site: KSC Audience: News
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/07/96 - 0:18:23 Producer: KSC

AVC-1997-038-1/1 **GPS Earthquake Monitoring Video File for NASA-TV**
News feed elements highlighting JPL's use of Global Positioning Satellite receivers to track and monitor earthquakes. Includes an interview with Dr. Andrea Donnellan, B-Roll of a GPS receiver at Azusa High School and animation of Global Positioning Satellites.
Site: Audience: News Resource
Client: Mc Nevin/PIO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/28/96 - 0:03:56 Producer: Goldrich

AVC-1997-040-1/1 **KCAL-TV Uses QWIP Camera - Video File for NASA-TV**
KCAL-TV, Ch.9 in Los Angeles, uses the QWIP camera to locate hot spots during their live news

coverage of the Malibu Fires.
Site: Audience: Resource
Client: Skip McNevin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/24/96 - 0:07:15 Producer: John Beck

AVC-1997-041-1/1 **MGS Media Clips**
The Mars Global Surveyor spacecraft
1) B-roll of final processing (12:00)
2) "Mission: Mars" (12:00)
Site: Audience:
Client: McNevin-PIO, Org. 1810
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
10/28/96 - 0:25:00 Producer: Lockheed Martin

AVC-1997-045-1/1 **Mars Global Surveyor Launch Footage**
MGS is launched from a Delta II rocket from the Cape. Its journey to Mars begins a two year mission to map the entire planet.
Launch is at 17:40.
Site: Cape Audience: Resource
Client: Glenn Cunningham
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/07/96 - 0:30:00 Producer:

AVC-1997-046-1/1 **Mars Global Surveyor Post Launch Footage**
Post launch footage of anticipation of spacecraft second and third stage separations.
Site: Cape Audience: Resource
Client: Glenn Cunningham
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/07/96 - 0:20:00 Producer:

AVC-1997-048-1/2 **Mars Global Surveyor Launch Coverage from NASA TV**
VTV-667 Satellite Downlink
Site: KSC Audience: NASA Resource
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/07/96 - 2:00:00 Producer: KSC

AVC-1997-048-2/2 **Mars Global Surveyor Launch Coverage from NASA TV**
VTV-667 Satellite Downlink

Site: KSC Audience: NASA Resource
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/07/96 - 0:24:00 Producer: KSC

AVC-1997-053-1/1 **Galileo Animation Compilation #2**
Earth 1 Rotation, Earth Moon Conjunction, Probe Release and Entry, Ganymede Flyover, Callisto 3 Trajectory, Orbital Tour
Site: Audience: Resource
Client: Maynard Hine
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/18/96 - 0:07:13 Producer: Savona

AVC-1997-054-1/1 **Galileo Animation Compilation #3**
Earth 1 Rotation, Earth Moon Conjunction, Probe Release and Entry & Relay, Jupiter and Red Spot, Ganymede flyover, PWS Whistler, Ganymede 1 Encounter, Ganymede encounter trajectory (Beach Balls), Callisto 3 Trajectory, Orbital Tour
Site: Audience: Resource
Client: Maynard Hine
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/19/96 - 0:08:47 Producer: Savona

AVC-1997-057-1/1 **Galileo Science Briefing at the DPS**
Galileo Science Briefing at the Division of Planetary Sciences meeting, held in Tucson, Arizona on October 24, 1996.
Includes presentations by Dr. Rich Young, Ames Research Center; Dr. Glen Orton, JPL; Dr. Bob Carlson, JPL; Dr. Jim Head, Brown University; Dr. Alfred McEwen, University of Arizona. One camera shoot, natural sound, with animation segments included.
Site: Audience: Edu.
Client: Galileo Project Office
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/24/96 - 1:30:00 Producer: McNevin

AVC-1997-058-1/1 **Mars Pathfinder Post-Launch Animation**
Parking Orbit Insertion to Spacecraft Separation Computer Animation
Site: JPL Audience: NASA

Client: Dave Spencer, Org. 312
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/25/96 - 0:07:00 Producer:

AVC-1997-059-1/1 **SIR-C Nile River Channel Video File for NASA-TV**
SIR-C views an ancient river channel of the Nile River which was previously unknown and not visible using optical photography. Includes interview with Dr. Bob Stern, University of Texas at Dallas, infrared and radar images of Nile River region and b-roll footage of Space Shuttle Endeavour and its SIR-C payload.
Site: Audience: News
Client: McNevin/NASA-TV/PIO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/25/96 - 0:10:09 Producer: Goldrich

AVC-1997-060-1/1 **Asteroid Toutatis Flyby of Earth Video File for NASA-TV**
The Earth crossing asteroid Toutatis makes a close pass of Earth on Nov. 29, 1996. Dr. Don Yeomans describes what we know about Toutatis and its 3.3 million mile pass by Earth, as well as passes in 2000, 2004 and 2069. Animation generated from radar/radio observations of Toutatis and Castalia are included.
Site: Audience: News
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/25/96 - 0:09:59 Producer: Goldrich

AVC-1997-061-1/1 **Visualization of Earth Approaching Asteroids**
The video sequences are based on radar observations (delay-Doppler images) of the near-Earth asteroids: Castalia, Toutatis, and Geographos. Computer models, developed from these observations, are used to visualize the shapes, rotation, dynamics of orbits, and collisions.
Site: JPL/DIAL Audience: Edu. NASA News Resource
Client: Eric De Jong, Org. 3233
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/29/96 - 0:18:00 Producer: Eric De Jong

AVC-1997-062-1/1 **Mars Exploration - Video Wall**

Short chronology of the history of JPL's robotic exploration of Mars starting in 1964 set to music without narration. Edited specifically for use for a video wall.
Site: Audience: Gen.
Client: Bridges
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/27/96 - 0:03:16 Producer: Semerano

AVC-1997-063-1/1 **Mars Pathfinder Pre-Launch Press Conference**
NASA TV at 8:00 am pacific time.
Site: KSC Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/30/96 - 0:46:00 Producer: NASA (Semerano)

AVC-1997-067-1/1 **Cassini Shake and Pyrotechnic Testing**
Real-time and high-speed documentation of shake and pyrotechnic testing of Cassini Spacecraft components conducted in Bldg. 144.
Site: Audience: Tech.
Client: John Forgrave
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/06/96 - 0:04:20 Producer: Semerano

AVC-1997-071-1/1 **Ganymede, Europa & Callisto Video File for NASA-TV**
Supporting video clips and stills for presenters to use during the Galileo Science Update.
Site: Audience: News
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/12/96 - 0:03:50 Producer: Semerano

AVC-1997-072-1/1 **Galileo Science Update - Ganymede, Europa and Callisto**
VTV-670 David Seidel moderates a science discussion of Galileo's latest images of Ganymede, Europa and Callisto. Participants include: Dr. Torrence Johnson, Dr. Donald Gurnett, Dr. Margaret Kivelson, Dr. John Anderson, Dr. Gerald Schubert and Kelly Bender.
Site: von Kármán Audience: News
Client: PIO, Org. 9500
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

12/12/96 - 1:05:53 Producer: Savona

AVC-1997-074-1/1 **GPS/AGU Post Northridge -Video File for NASA-TV**
Video press release package in support of a presentation being made by Dr. Greg Lyzenga, JPL Geophysicist, at the American Geophysical Union meeting held the week of Dec. 16, 1996. Includes his interview and b-roll footage of the Granada Hills region shortly following the Northridge earthquake in 1994.
Site: Audience: News
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/16/96 - 0:09:37 Producer: Goldrich

AVC-1997-077-1/1 **Galileo Animation Compilation #4**
Jovian Tour, Callisto 3-Europa flyby, Compilation #2 followed by Compilation #3
Site: Audience: Edu.
Client: Maynard Hine
Master: Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/30/96 - 0:19:30 Producer: Savona

AVC-1997-078-1/1 **Mars Precision Landing Animation**
An edited production that shows computer simulation of a Mars Precision Landing mission. Developed for the Mars Exploration Technology Task, managed by Chuck Weisbin.
Site: Audience: JPL NASA
Client: David Farless, Org. 312
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/02/97 - 0:03:07 Producer: Savona

AVC-1997-079-1/1 **Cassini Thermal Blanket Installation-Video File**
Video File showing the fabrication and installation of Thermal Blankets on the Cassini Spacecraft. Pam Hoffman, Cognizant Engineer for the installation, is interviewed.
Site: Audience: Gen. NASA
Client: Ed (Skip) McNevin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/28/96 - 0:09:50 Producer: Semerano

AVC-1997-082-1/1 **KIDSAT Video File**
Interviews with JPL KidSat coordinators.
B-Roll of kids in classrooms preparing for STS-81. Shots of KidSat kids at JPL preparing computers and a digital still camera.
Site: JSC Audience: JPL NASA Resource
Client: Stephanie Zeluck, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/14/97 - 0:28:00 Producer: JSC

AVC-1997-085-1/1 **Cassini Spacecraft Construction & Assembly**
B-roll footage documenting various stages in the construction and assembly of the Cassini Spacecraft starting in 1995.
Site: Audience: Resource
Client: PIO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/16/97 - 0:38:00 Producer: Semerano

AVC-1997-086-1/1 **Galileo Europa Encounter E4 Animation**
Animations of Galileo's closest approach to Europa. Includes zoom in to Europa - Version #1.
Site: Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
01/17/97 - 0:07:08 Producer: Eric De Jong

AVC-1997-087-1/1 **Galileo Press Briefing "Europa Unveiled"**
VTV-675 Galileo Press Briefing from NASA-HQ regarding latest findings of data from the Galileo Spacecraft at Jupiter.
Video file 9:08.
Panelists; Dr. Ron Greeley Arizona State U.; Dr. Robert Sullivan ASU; Dr. Torrence Johnson JPL; & Jim Head Brown Univ. Doug Isbell moderates. 38:37 min.
Followed by Images & panelists titles 4:00.
Site: NASA HQ Audience: Gen. JPL NASA
Client: McNevin, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/17/97 - 0:52:00 Producer: NASA Hq (Borst)

AVC-1997-088-1/1 **Long Range Science Rover Highlights**
An edited production showing Rocky VII performing science operations in the Mars Yard at JPL. FY'96

Long Range Science Rover task results.
Site: Mars Yard Audience: Tech.
Client: Paul Backes, Org. 345
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix AVC-1997-010
Shortened Version of AVC-1997-010
01/20/97 - 0:03:39 Producer: Savona

AVC-1997-089-1/1 **STS-81 Kidsat Images**
Images and animations from space of the Gaza Strip, Mediterranean Sea, Venice, Italy and the Alps.
Site: Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
01/22/97 - 0:02:39 Producer: Eric De Jong

AVC-1997-090-1/1 **Martin: A Tribute to Martin Luther King Jr.**
VTV-678 The ACMA and Human Resources present a celebration of the 68th anniversary of the birth of the Reverend Dr. Martin Luther King, Jr., the Nobel-Prize-winning leader of the U.S. civil rights movement.
Site: von Kármán Audience: Gen.
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/21/97 - 1:33:00 Producer: Beck

AVC-1997-091-1/1 **Global Positioning System B-Roll**
B-roll of Global Positioning System ground stations being set-up, taken apart and moved around various locations at JPL, video taped 1/16/97.
Site: Audience: News Resource
Client: Mary Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/27/97 - 0:22:00 Producer: Semerano

AVC-1997-093-1/1 **Reaching for the Red Planet**
An edited production on the history and trials and tribulations of the Mars Observer spacecraft. Produced tongue-in-cheek, with a Lost in Space, Irwin Allen style and narrated by Dick Tufeld (the Robot, Lost in Space).
Site: Audience: JPL

Client: Glenn Cunningham
Master: 1"C Stored: 186-B10 Submaster: BCAMsp
Audio 1: Narration 2: Music & fx
01/30/97 - 0:27:00 Producer: Goldrich

AVC-1997-094-1/1 **JPL Asteroid & Comet Resource Collection**
A Collection of NASA Videofiles & supporting animations on near Earth asteroids & comets. Includes: Toutatis Flyby Videofile; Toutatis radar observation B-roll; NEAT Videofile; Aorounga Crater Chain Videofile; Asteroid Data Collection; Compilation of Shoemaker-Levy Observations.
Site: Audience: Resource
Client: Skip McNevin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/30/96 - 1:14:00 Producer: John Beck

AVC-1997-095-1/1 **Studying and Visualizing Volcanoes - Video File for NASA TV**
Collection of b-roll and interviews on the use of spaceborne and airborne remote sensing systems used by NASA to observe and track volcanic activity around the globe. Interviews include Dr. Jeffrey Plaut and Dr. Dave Pieri from JPL. Animations include a 3-D flyover of Mt. St. Helens, Mt. Pinatubo, Mt. Rainier, and Kliuchevskoi in Russia. Animations were developed at JPL by the Digital Image Animation Laboratory.
Site: Audience: Gen. NASA News Resource
Client: PIO/McNevin
Master: BCAMsp Stored: Vendor Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/31/97 - 0:16:17 Producer: Goldrich

AVC-1997-097-1/2 **Visualization of Earth-Approaching Asteroids**
The video sequences are based on radar observations (delay-Doppler images) of the near-Earth asteroids: Castalia, Toutatis and Geographos. Computer models, developed from these observations, are used to visualize the shapes, rotations, dynamics of orbits and collisions.
Site: JPL/DIAL Audience: JPL NASA News Resource
Client: Eric De Jong, Org. 3233
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Silent 2: Silent

TRT 1:40:00
02/04/97 - 1:32:00 Producer: Eric De Jong

AVC-1997-097-2/2 **Visualization of Earth-Approaching Asteroids**
Part 2 of 2
Site: JPL/DIAL Audience: JPL NASA News Resource
Client: Eric De Jong, Org. 3233
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Silent 2: Silent
TRT 1:40:00
02/04/97 - 0:14:00 Producer: Eric De Jong

AVC-1997-099-1/1 **Carl Sagan: A Scientist Remembered**
A slide and video clip presentation in remembrance of Carl Sagan. Speakers include: Dr. Daniel J. McCleese, Dr. David Pieri, Dr. David Crisp, Dr. Candice Hansen, Dr. Robert Nelson
Site: 167 conf rm Audience: Gen.
Client: Robert Nelson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/12/97 - 1:15:00 Producer: John Beck

AVC-1997-100-1/1 **Cassini Spacecraft Assembled in High Bay**
B-roll of the Cassini Spacecraft in building 179.
Site: Audience: News Resource
Client: PIO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/14/97 - 0:16:00 Producer: Semerano

AVC-1997-102-1/1 **Carl Sagan Compilation**
Nine segments from 1962 to 1995
Site: Audience: Resource
Client: G. Alexander
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/13/97 - 0:09:17 Producer: John Beck

AVC-1997-106-1/1 **VSOP Compilation Tape**
Animation and Raw stock footage of assembly and testing. VSOP (VLBI Space Observatory Programme) was developed by the Institute of Space and Astronautical Science in Japan. The NASA/JPL Space Very Long Baseline Interferometry (VLBI) Project

supports the VSOP mission. Launched 2/12/97.
Site: Japan Audience: Resource
Client: Deborah Traub, Org. 9600
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
02/19/97 - 0:30:00 Producer: VSOP

AVC-1997-109-1/1 **Origins: Seeking Answers to Age-Old Questions**
This edited production explains the purpose, goals and missions of the Origins program. The program uses computer animation and real images to explore the search for clues about the formation of galaxies, stars and planetary systems, including the prospect of life elsewhere.
Site: Audience: Gen.
Client: Dr. Firouz Naderi, Org. 3020
Master: 1"C Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
Contains Copyrighted Material
The last image, two kids looking at the stars is copyrighted.
02/24/97 - 0:07:30 Producer: Savona

AVC-1997-110-1/1 **A Virtual Tour of Mount St. Helens**
This animation simulates a flight within the crater of Mt. St. Helens. The image was acquired with NASA's Airborne Thermal Infrared Multispectral Scanner (TIMS).
w/music
Site: Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/25/97 - 0:03:41 Producer: Eric DeJong

AVC-1997-122-1/1 **Mission To Planet Earth**
Earth Systems Science Pathfinder Press Briefing. Press Conference from NASA HQ.
Speakers: Michael Prather - U.C. Irvine, William Townsend - M.T.P.E., Ghassem Asrar - E.O.S., Ralph Dubayah - University of Maryland, Byron Tapley - University of Texas.
Site: NASA HQ Audience: JPL NASA Resource
Client: Mary Hardin, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: SVHS
Audio 1: Mono mix 2: Mono mix
03/18/97 - 0:47:00 Producer: Hanchett/HQ

AVC-1997-123-1/3 **Live from Antarctica 2: Program 1 "Oceans, Ice & Life"**
"Passport to Knowledge" Series for K-12 students.
This program demonstrates the adaptation of life
to the extreme Antarctic conditions, and shows how
scientists must also adapt their lives and
research techniques to the environment.
Site: Antarctica Audience: Edu.
Client: Brian Abbe, Org. 331
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
http://quest.arc.nasa.gov/antartica2/index.html
To order copies: $19.95 each
http://quest.arc.nasa.gov/antartica2/index.html
Passport to Knowledge
P.O. Box 1502
Summit, NJ 07902-1502
01/23/97 - 1:00:00 Producer: Passport to Knowledg

AVC-1997-123-2/3 **Live from Antarctica 2: Program 2 "The Secrets of Survival"**
"Passport to Knowledge" Series for K-12 students.
This program looks at the secrets of survival for
both the wildlife and the human researchers who
journey to the ends of the Earth to study them.
Site: Antarctica Audience: Edu.
Client: Brian Abbe, Org. 331
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
http://quest.arc.nasa.gov/antartica2/index.html
01/30/97 - 1:00:00 Producer: Passport to Knowledge

AVC-1997-123-3/3 **Live from Antarctica 2: Program 3 "Seeing the Future"**
"Passport to Knowledge" Series for K-12 students.
This program presents the latest on ozone and the
effects of increased ultraviolet radiation, and
shows the research in Antarctica -- and Palmer in
particular -- helps us understand our entire
planetary environment.
Site: Antarctica Audience: Edu.
Client: Brian Abbe, Org. 331
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
http://quest.arc.nasa.gov/antartica2/index.html

02/06/97 - 1:00:00 Producer: Passport 2

AVC-1997-124-1/1
VTV-692

Comet Hale-Bopp Video File Compilation
JPL's contribution to the NASA TV coverage of Comet Hale-Bopp. Features etchings and artist conceptions of comets as seen through history, still photos of Comet Hale-Bopp taken by JPL's James W. Young, resource footage and animations on comets, animation of Ulysses Spacecraft, animation illustrating the Comet Hale-Bopp's plasma tail, B-Roll footage of Jim Young observing Hale-Bopp and interviews with Jim Young, Dr. Don Yeomans and Dr. Bruce Goldstein.
Site: Audience: Resource
Client: Skip McNevin
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
03/18/97 - 0:36:00 Producer: John Beck

AVC-1997-125-1/2

Cassini Press Compilation
Contains Cassini animations, testing of spacecraft components, assembly of hardware and Saturn data.
Site: Audience: Resource
Client: Mary Beth Murrill, Org. 180
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/22/97 - 0:59:00 Producer: Semerano

AVC-1997-125-2/2

Cassini Press Compilation
Documents Cassini Spacecraft activities, including mating of the spacecraft to a Titan rocket, at Kennedy Space Center and Cape Canaveral, Florida.
Site: Audience: Resource
Client: Mary Beth Murrill, Org. 180
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/22/97 - 0:21:00 Producer: Semerano

AVC-1997-126-1/1

Science Update Cassini-Huygens
Site: Audience: News Resource
Client: PIO, Org. 1810
Master: Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
PAL FORMAT Master
03/28/97 - 0:20:00 Producer:

AVC-1997-129-1/1 **Galileo Europa Encounter - E6 Animation**
Compilation
1. Simulated Flight of Europa :55
2. Zoom into Europa :33
3. Closest Approach to Europa :51
4. Spacecraft & Satellite Positioning 1:00
Site: Audience: Resource
Client: Eric De Jong
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Silent 2: Silent
04/09/97 - 0:07:00 Producer: Beck

AVC-1997-130-1/1 **Galileo Science Update-A New Understanding of Europa**
A Press Conference with Dr. Johnson, Dr. Sullivan, Dr. Carr, Dr. Geissler, Dr. Chapman, Dr. Coon, Dr. Terrile and Dr. Delaney held in von Kármán Auditorium with David Seidel moderating. Includes stills and animations of the results of the Galileo spacecraft's encounter with Europa.
Site: von Kármán Aud. Audience: News
Client: Galileo/PIO, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/09/97 - 1:03:00 Producer: Semerano

AVC-1997-132-1/1 **Comet Chasers: On the Trail of a Comet**
VTV-694 Live multi-camera event from Beckman Hall at Caltech, celebrating the Hale-Bopp flyby. Hosted by Leslie Lowes and Catherine Collins. Opening remarks by Dr. Stone, panel discussion and Q&A with Alan Hale, Thomas Bopp, Don Yeomans and David Levy.
Site: Caltech Beckman Audience: Gen.
Client: Collins/Lowes
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/11/97 - 1:17:35 Producer: Goldrich

AVC-1997-139-1/1 **Transportation of Cassini To Edwards AFB**
Video File for NASA TV
B-Roll of the events of April 19, 1997 showing the transportation of the Cassini Spacecraft to Edwards Air Force Base by truck for airlift to Cape Canaveral.
Site: JPL & EAFB Audience: News Resource

Client: Mary Beth Murrill
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/21/97 - 0:06:50 Producer: Semerano

AVC-1997-140-1/1
VTV-696

Live From Mars #1: "Countdown"
"Passport to Knowledge" Series for K-12 students. Behind the scenes at Cape Canaveral: the launch of Mars Global Surveyor, final preparation of the Mars Pathfinder spacecraft. Why go to Mars? The evidence of liquid water and the possibility of life. Past missions, student questions w/ answers.
Site: KSC Audience: Edu. JPL
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
http://quest.arc.nasa.gov/mars/
11/19/96 - 0:58:30 Producer: Passport to Knowledg

AVC-1997-141-1/1
VTV-697

Live From Mars #2: "Cruising Between the Planets"
"Passport to Knowledge" Series for K-12 students. Behind the scenes at NASA's JPL, lead center for planetary exploration. How rocket fuel, momentum, gravity and ingenuity get spacecraft from Earth to Mars. Mars Pathfinder's and Global Surveyor's progress to date. Student questions w/ answers.
Site: JPL SFOF Audience: Edu. JPL
Client: Mars Pathfinder
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
http://quest.arc.nasa.gov/mars/
04/24/97 - 0:58:30 Producer: Passport to Knowledg

AVC-1997-144-1/1

Mars Global Surveyor Solar Panel Configuration
Video File For NASA-TV
Video press release package describing NASA's plans to reconfigure one of the solar panels on MGS, in preparation for the spacecraft's arrival at Mars in September 1997. Features an interview with MGS Project Manager Glenn Cunningham and new animation.
Site: Audience: News
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/28/97 - 0:06:27 Producer: Goldrich

AVC-1997-147-1/1

DSN Story / Construction of DSS-25

"DSN Story" - 3:00
Time Lapse film: Construction of DSS-25 - 3:00
Site: Audience: Edu. JPL NASA
Client: Shirley Wolff
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/06/97 - 0:06:00 Producer: Dawson

AVC-1997-156-1/1 **Mars: New Views of a Dynamic Planet**
NASA TV Space Science Update
Speakers: Dr. Steve Lee, Dr. Phillip James, Dr. Mat Golombeck, and Dr. R. Todd Clancy
Site: NASA HQ Audience: NASA Resource
Client: PIO/McNevin, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
* Missing first 60 Seconds.
05/20/97 - 1:00:00 Producer: NASA HQ

AVC-1997-158-1/1 **Topex/Poseidon, NSCAT El Niño Observations 1997**
Contains the following:
1) Topex/Poseidon data animation
2) Topex/Poseidon spacecraft animation
3) NSCAT data animation
4) NSCAT spacecraft animation
5) Interview with Dr. Lee-Lueng Fu
Site: Audience: Resource
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/23/97 - 0:18:19 Producer: Goldrich

AVC-1997-159-1/1 **JPL 1997 Mission Highlights**
A summary of JPL missions in 1997 for display in the mall kiosk.
Site: Audience: Gen.
Client: Stephanie Zeluck, Org. 180
Master: 1"C Stored: 186-B10 Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
05/29/97 - 0:08:16 Producer: Savona/Semerano

AVC-1997-162-1/1 **Galileo Science Update-The Search for Moisture in Jupiter's Atmosphere**
VTV-706 A press conference with presenters Andy Ingersoll, Tobias Owen, Glenn Orton, Robert Carlson and Ashwin Vasavada held in von Kármán Auditorium with

David Seidel moderating. Q and A follows
presentations. Following conference are stills
and animations.
Site: von Kármán Aud. Audience: News
Client: Galileo/PIO, Org. 9500
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/05/97 - 0:55:41 Producer: Savona

AVC-1997-165-1/1 **Topex and NSCAT Animations - Video File for NASA TV**
Texas Twister 1:24
Topex/Poseidon El Niño Data :43
Topex/Poseidon Animation :38
Data from NSCAT :47
NSACT Animation 2:17
Interview with Lee Leung Fu 1:05
Site: NASA HQ Audience: Edu. NASA Resource
Client: McNevin/PIO/NASA-TV, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/06/97 - 0:10:45 Producer: NASA TV

AVC-1997-166-1/1 **Introduction to Telescopes in Education**
Gil Clark (TIE) describes on camera the Telescopes
In Education program.
Site: studio Audience: Edu.
Client: Gil Clark
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Narration 2: Music
06/13/97 - 0:11:45 Producer: Goldrich

AVC-1997-167-1/1 **Galileo/Jupiter Atmospheric Animations**
Compilation of spacecraft and data animation, in
support of the June 5, 1997 Galileo Science
Update.
Site: Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
06/16/97 - 0:27:12 Producer: De Jong

AVC-1997-168-1/1 **Mars Global Surveyor '98 Animation**
An animation depicting the Mars Global Surveyor
Program which has been developed to explore Mars
over the next decade, 1997 thru 2006.
Site: Audience: JPL Resource
Master: BCAMsp Stored: Client Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix
06/16/97 - 0:19:40 Producer:

AVC-1997-169-1/1 **von Kármán Lecture Series - "The 20th Anniversary of the Voyager"**
VTV-710 Dr. Edward Stone talks about the Voyager missions to the outer planets using pictures and animations.
Site: von Kármán Aud. Audience: JPL
Client: Stephanie Zeluck, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/17/97 - 0:55:43 Producer: Savona

AVC-1997-170-1/1 **Space Infrared Telescope Facility**
VTV-711 Part of the SESPD lecture series, featuring Larry Simmons discussing the history, mission and features of SIRTF, along with an infrared camera demonstration in the auditorium. Dr. Charles Elachi introduces.
Site: von Kármán Audience: JPL
Client: Nickle
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/18/97 - 0:44:15 Producer: Goldrich

AVC-1997-173-1/1 **Mars Pathfinder ORT - Best of B-Roll**
Compilation of hand held B-roll shots taken during the Mars Pathfinder ORT on 6-11-97.
Site: Bldg 230 Audience: Resource
Client: McNevin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/20/97 - 0:10:00 Producer: Beck

AVC-1997-174-1/1 **Cassini Earth Flyby Animations**
Four Animations depicting the Cassini Spacecraft flyby animations of Earth scheduled for 1999.
Site: Audience: Resource
Client: Charles Kohlhase
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/26/97 - 0:06:30 Producer: Semerano

AVC-1997-175-1/1 **Mars Pathfinder Landing Video File for NASA-TV**
A collection of animation developed for Mars Pathfinder on July 4, 1997. New Pathfinder EDL and

surface operations animation, new flyovers of
Mars' surface and an 18 minute production on
NASA's Mars Surveyor program. B-roll of JPL and
the Mars Pathfinder MSA are included.
Site: Audience: News Resource
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/25/97 - 0:30:07 Producer: Goldrich

AVC-1997-176-1/2 **Mars Pathfinder Pre-landing Briefing - 7/1/97, 10:00 am**

VTV-713 Describes the missions and science objectives of Mars Pathfinder.
Participants:
Willam Piotrowski, Program Executive
Anthony Spear, Project Manager
Brian Muirhead, Flight System Manager
Dr. Jacob Matijevic, Rover Manager
Dr. Matthew Golombek, Project Scientist
Richard Cook, Mission Manager
Franklin O'Donnel, Manager, Public Affairs Office
Q&A, animations and stills at the end.
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
Q&A, animations & stills at the end. TRT 1:54:18
07/01/97 - 1:34:00 Producer: Goldrich

AVC-1997-176-2/2 **Mars Pathfinder Pre-landing Briefing - 7/1/97, 10:00 am**
VTV-713 Part 2 of 2.
Note: Q&A, animations and stills at the end.
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
TRT 1:54:18
07/01/97 - 0:26:00 Producer: Goldrich

AVC-1997-178-1/2 **Mars Pathfinder Pre-landing Science Briefing -** 7/2/97, 10:00 am

VTV-715 Describes the missions and science objectives of Mars Pathfinder.
Participants: John Wellman, JPL/ Experiment

Operations Team Chief.
Peter Smith, University of Arizona, Principal Investigator for the Imager for Mars Pathfinder (IMP).
Dr. John "Tim" Schofield, JPL Science Team Leader for the Atmospheric Instrument/Meteorology Package (ASI/MET).
Dr. Henry Moore, U.S. Geological Survey (Retired) Rover Scientist.
Dr. Rudolph Rieder, Max Planck Institute for Chemistry, Germany - Principal Investigator for the Alpha Proton X-Ray Spectrometer (APXS)
Dr. William Folkner, JPL/Participating Scientist, Rotational and Orbital Dynamics Experiment.
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/02/97 - 1:30:00 Producer: Goldrich

AVC-1997-178-2/2 **Mars Pathfinder Pre-landing Science Briefing - 7/2/97, 10:00 am**

VTV-715 Describes the missions and science objectives of Mars Pathfinder. Participants: John Wellman, JPL/ Experiment Operations Team Chief; Peter Smith, University of Arizona, Principal Investigator for the Imager for Mars Pathfinder (IMP); Dr. John "Tim" Schofield, JPL Science Team Leader for the Atmospheric Instrument/Meteorology Package (ASI/MET); Dr. Henry Moore, U.S. Geological Survey (Retired) Rover Scientist; Dr. Rudolph Rieder, Max Planck Institute for Chemistry, Germany - Principal Investigator for the Alpha Proton X-Ray Spectrometer (APXS); Dr. William Folkner, JPL/Participating Scientist, Rotational and Orbital Dynamics Experiment.
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/02/97 - 0:07:10 Producer: Goldrich

AVC-1997-179-1/1 **Mars Pathfinder Pre-landing News Briefing - 7/3/97, 10:00 am**

VTV-716 Describes the missions and science objectives of Mars Pathfinder. Participants:

Brian Muirhead, JPL Flight System Manager
Rob Manning, JPL Flight system Chief Engineer
Dr. Matthew Golombek, JPL Project Scientist
Richard Cook, JPL Mission Manager.
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/03/97 - 1:11:00 Producer: Goldrich

AVC-1997-180-1/1 **Mars Pathfinder - Goldin Mars Symposium - 7/3/97, 11:00 am**

VTV-717 Discussed Mars Missions and objectives.
Participants: Daniel S. Goldin, NASA Administrator
Dr. Wesley T. Huntress, NASA Associate Administrator for Space Science.
Dr. Edward C. Stone, Director for Jet Propulsion Laboratory.
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/03/97 - 0:47:00 Producer: Savona

AVC-1997-181-1/1 **Mars Pathfinder Landing - Guest Operations Welcome**
Brian Muirhead, MPF Deputy Flight System Manager, welcomes guests to JPL followed by MPF launch footage from Cape Canaveral and animation showing its journey to Mars and landing on the surface.
Site: Audience: JPL
Client: McNevin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Stereo mix 2: Stereo mix
07/03/97 - 0:08:35 Producer: Beck

AVC-1997-182-1/1 **Mars Pathfinder Landing Day News Briefing - 7/4/97, 7:00 am**

VTV-718 Discussed what is expected to occur in the upcoming hours of landing, descents, etc...
Participants:
Rob Manning, JPL Flight System Chief Engineer
Pieter Kallemeyn, JPL Navigation Lead Engineer
Richard Cook, JPL Mission Manager.
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix
07/04/97 - 0:58:17 Producer: Savona

AVC-1997-183-1/22 **Mars Pathfinder Landing Day Commentary Coverage 7/4/97, 8:30 am**
Commentator: David Seidel
Site: JPL. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/97 - 1:00:00 Producer: Goldrich

AVC-1997-183-2/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/4/97, 9:30 am**
9:28 - 10:58 am.
David Seidel is commentator.
Cruise Stage separation at 21:34:10;
Confirmation of EDL at 22:04:55;
1st signal from surface at 22:07:50;
Petal position confirmation at 22:16:45;
Interviews: Brian Muirhead 22:30:00;
Dr. Ed Stone 22:46:00;
Dan Goldin 22:49:50.
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/97 - 1:00:00 Producer: Goldrich

AVC-1997-183-3/22 **No Tape (error in numbering)**

AVC-1997-183-4/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/4/97, 11:00 am**
Commentary and live shots of Mars Pathfinder
Operations areas in building 230 on landing day.
11:35 am - Petal deploy confirmation.
11:39 am - Playful resignation of Rob Manning EDL
Chief Engineer.
Commentator: David Seidel
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/97 - 0:57:00 Producer: Goldrich

AVC-1997-183-5/22 **Mars Pathfinder Landing Day Commentary Coverage –**

7/4/97, 12:20 pm
Commentary and live shots of Mars Pathfinder
Operations areas in building 230 on landing day.
12:40 - Interview w/Richard Cook;
1:19 pm - Jennifer Harris polls positions over
intercom.
Commentator: David Seidel
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/97 - 1:00:00 Producer: Goldrich

AVC-1997-183-6/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/4/97, 1:20 pm**
Commentary and live shots of Mars Pathfinder
Operations areas in building 230 on landing day.
Received acquisition of low gain antenna signal
at: 02:07:50
Received confirmation of low gain antenna signal
at: 02:21:40
Commentator: David Seidel
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/97 - 1:03:00 Producer: Goldrich

AVC-1997-183-7/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/4/97, 2:45 pm**
Commentary and live shots of Mars Pathfinder
Operations areas in building 230 on landing day.
2:53 pm - Fax from Al Pennington Shuttle Flight
Dir. JSC read by Richard Cook.
3:24 pm - First Downlink of Data (no pictures)
Commentator: David Seidel and Jane Platt
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/97 - 0:42:00 Producer: Goldrich

AVC-1997-183-8/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/4/97, 4:20 pm**
Commentary and live shots of Mars Pathfinder
Operations areas in building 230 on landing day.

4:28 pm - High Gain Antenna Lock.
4:33 pm First pictures from Mars Pathfinder.
Commentator: Jane Platt
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/97 - 0:54:00 Producer: Goldrich

AVC-1997-183-9/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/4/97, 5:20 pm**
Commentary and live shots of Mars Pathfinder Operations areas in building 230 on landing day.
5:30 pm - Dan Goldin w/grandson addressing science and Landing teams.
6:02 pm - Airbag re-retraction.
Commentator: Jane Platt with Wayne Lee.
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/97 - 1:04:00 Producer: Goldrich

AVC-1997-183-10/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/4/97, 7:30 pm**
Commentary and live shots of Mars Pathfinder Operations areas in building 230 on landing day.
8:04 pm - Second set of pictures from Mars Pathfinder.
Commentator: Jane Platt with Wayne Lee
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/97 - 0:59:00 Producer: Goldrich

AVC-1997-183-11/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/4/97, 8:30 pm**
Commentary and live shots of Mars Pathfinder Operations areas in building 230 on landing day.
8:44 pm - Brian Muirhead interview.
8:53 pm - Sandbox airbag testing.
9:02 pm -Ramp Deploy meeting.
Commentator: Jane Platt with Wayne Lee.
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/97 - 0:53:00 Producer: Goldrich

AVC-1997-183-12/22 **Mars Pathfinder Landing Day Commentary Coverage-7/4/97, 9:30 pm**
Commentary and live shots of Mars Pathfinder
Operations areas in building 230 on landing day.
Transmission of Ramp Deployment Command.
Commentator: Jane Platt with Wayne Lee
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/97 - 0:23:00 Producer: Goldrich

AVC-1997-183-13/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/5/97, 11:15am - 3**
Commentary and live shots of Mars Pathfinder
Operations areas in building 230 on July 5.
2 minute segment from 11:14 - 11:16 am then
switched to Shuttle coverage picking back up at
2:00 thru 2:58 pm. Modem glitch commands &
interview with Donna Shirley at 2:25 pm.
Commentator: Jane Platt
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/97 - 1:00:00 Producer: Goldrich

AVC-1997-183-14/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/5/97, 3:20 pm**
Commentary and live shots of Mars Pathfinder
Operations areas in building 230 on July 5.
Ends at 4:54 pm before 5:00 pm press briefing.
Commentator: Jane Platt
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/97 - 0:43:00 Producer: Goldrich

AVC-1997-183-15/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/5/97, 5:20 pm**
Commentary and live shots of Mars Pathfinder

Operations areas in building 230 on July 5.
This is during pre-ramp deployment. New images at
5:29 - 5:40 pm.
Commentator: Jane Platt with Wayne Lee
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/97 - 0:56:00 Producer: Goldrich

AVC-1997-183-16/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/5/97, 6:20 pm**
Commentary and live shots of Mars Pathfinder
Operations areas in building 230 on July 5.
Ramp Deploy command sent.
Commentator: Jane Platt
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/97 - 1:04:00 Producer: Goldrich

AVC-1997-183-17/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/5/97, 7:20 pm**
Commentary and live shots of Mars Pathfinder
Operations areas in building 230 on July 5.
25 - 8:11 awaiting Ramp Deployment Confirmation.
11 - 8:26 (end) Downlink of Images.
Commentator: David Seidel
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/97 - 1:01:00 Producer: Goldrich

AVC-1997-183-18/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/5/97, 8:25 pm**
Commentary and live shots of Mars Pathfinder
Operations areas in building 230 on July 5.
8:27 - 8:58 Images with Brian Muirhead interview.
8:58 - 9:00 Ramp Discussion in Conf. Rm.
Sandbox testing 9:06 - 9:14/9:18 - 9:20.
Replay of Impromptu Press Briefing by Peter Smith
leader IMP Team.
Commentator: David Seidel with Wayne Lee
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/97 - 1:04:00 Producer: Goldrich

AVC-1997-183-19/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/5/97, 9:30 pm**
Commentary and live shots of Mars Pathfinder
Operations areas in building 230 on July 5.
10:02 - 10:25 am Interview with Dr. Jerry Soffen
Viking Project Scientist.
10:27 - 10:30 am (end) Interview with Dr. Matt
Golombeck MPF Project Scientist.
Commentator: David Seidel
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/97 - 0:59:00 Producer: Goldrich

AVC-1997-183-20/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/5/97, 10:30 pm**
Commentary and live shots of Mars Pathfinder
Operations areas in building 230 on July 5.
10:30 - 10:36 pm Interview w/Dr. Matt
Golombeck (continued from tape 19).
10:40 - 11:03 pm Images - 10:47 Rover on ramp;
10:59 Pix of rover on surface (Celebration)
11:04 celebration in Mission ops.
11:16:30 Early movie of Rover deployment.
Commentator: David Seidel
End of Day 2 commentary coverage
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix
07/05/97 - 0:55:00 Producer: Goldrich

AVC-1997-183-21/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/6/97, 3:00 pm**
Commentary and live shots of Mars Pathfinder Operations areas in building 230 on July 6.
3:19:30 pm Rob Manning waving at camera.
3:49 pm Music sequence wake up call for spacecraft.
Commentator: Jane Platt
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/06/97 - 0:58:00 Producer: Goldrich

AVC-1997-183-22/22 **Mars Pathfinder Landing Day Commentary Coverage – 7/6/97, 4:00pm**
Commentary and live shots of Mars Pathfinder Operations areas in building 230 on July 6.
4:01 pm Rover communication confirmed & Lander camera deployment confirmed.
4:05 - 4:32 pm Images downlinked.
4:34 pm Rob Manning tanks crew and people for their support.
Commentator: Jane Platt
Site: JPL Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/06/97 - 0:42:00 Producer: Goldrich

AVC-1997-187-1/1 **Mars Pathfinder Landing Day News Briefing - 7/4/97, 2:30 pm**
VTV-719 Phone call from Vice President Al Gore congratulating the Mars Pathfinder Team.
Participants:
Daniel S. Goldin, NASA Administrator
Dr. Edward C. Stone, JPL Director
Brian Muirhead, Project Manager.
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/97 - 0:08:13 Producer: Savona

AVC-1997-188-1/1 **Mars Pathfinder Landing Days News Briefing - 7/4/97, 3:30 pm**

VTV-720 An assessment of engineering data from the first low gain transmission. Included primary info on the entry, descent, landing sequence, Atmospheric Science data & health of the lander & rover.
Participants:
Daniel Goldin, NASA Administrator
Richard Cook, Mission Manager
Rob Manning, Flight System Chief Engineer
Dr. John Schofield, ASI/MET Principal Investigator
Dr. Matthew Golombek, Project Scientist
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/97 - 0:50:00 Producer: Savona

AVC-1997-189-1/1 **Mars Pathfinder Landing Day News Briefing - 7/4/97, 6:30 pm**

VTV-721 First color pictures released showing lander, rover and surrounding Martian landscape.
Participants: Peter Smith
Daniel Goldin
Wesley Huntress
Dr. Matthew Golombek
Brian Muirhead
Dr. Jacob Matijevic.
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/97 - 1:00:00 Producer: Savona

AVC-1997-190-1/1 **Mars Pathfinder End of Day News Briefing - 7/4/97, 11:00 pm**

VTV-722 Primary focus was airbag retraction activity and rover communication problems.
Participants: Guy Beutelschies, JPL Flight Dir.
Dr. Matthew Golombek, Proj. Scientist
Dr. Jacob Matijevic, Rover Mgr.
Dr. John "Tim" Schofield, ASI/MET Principal.
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix
07/04/97 - 0:47:45 Producer: Savona

AVC-1997-191-1/1
VTV-722

Mars Pathfinder News Briefing - 7/5/97, 10:00 am
Status update of the condition of the spacecraft and preparation for today's events.
Participants:
Brian Muirhead, JPL Flight System Manager
Peter Smith, University of Arizona - IMP Principal Investigator
Dr. Jacob Matijevic, JPL Rover Manager.
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/97 - 0:50:00 Producer: Savona

AVC-1997-192-1/1
VTV-723

Mars Pathfinder News Briefing - 7/5/97, 5:00 pm
Status report of the Rover communications confirmation.
Participants:
Tony Spear, JPL Project Manager
Richard Cook, JPL Mission Manager
Matt Wallace, JPL Rover System Engineer.
Site: von Kármán Aud Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/97 - 0:22:41 Producer: Savona

AVC-1997-193-1/1
VTV-723

Mars Pathfinder News Briefing - 7/5/97, 11:30 pm
The rover was shown going down the ramp successfully. All Pathfinder team members were present during conference.
Participants: Richard Cook, Mission Manager
Dr. Jacob Matijevic, Rover Manager.
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/97 - 0:28:00 Producer: Savona

AVC-1997-194-1/1
VTV-724

Mars Pathfinder News Briefing - 7/6/97, 10:00 am
Discussion related to rover deployment on 7/5/97, ASI/MET MAST deployment and initial science observations. from the surface of Mars.
Participants:
Brian Muirhead, JPL Flight System Manager
Dr. Matthew Golombek, JPL Project Scientist
Dr. John Schofield, JPL ASI/MET Science Team Ldr.
Peter Smith, University of Arizona (IMP Principal Investigator)
Dr. Jacob Matijevic, JPL Rover Manager.
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/97 - 1:20:00 Producer: Savona

AVC-1997-195-1/1

Mars Pathfinder Backgrounder - 7/6/97, 4:45 pm
Discussed Rover Operations and demonstrated the way the rover maneuvers.
Participants:
Dr. Rich Terrile, JPL, Research Astronomy
Matt Wallace, Rover System Engineer
Brian Cooper, Rover Driver
Dr. Jacob Matijevic, Rover Manager
Art Thompson, Rover System Engineer.
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/06/97 - 0:45:00 Producer: Savona

AVC-1997-196-1/1

Mars Pathfinder News Briefing - 7/6/97, 6:00 pm
Reported spacecraft and rover are working perfectly healthy.
Participant: Brian Muirhead, JPL, Flight Systems Manager.
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/06/97 - 0:30:00 Producer: Savona

AVC-1997-197-1/1 **Mars Pathfinder Science Team News Briefing - 7/7/97, 10:00 am**

Discussed on going analysis of Mars images taken 7/6/97 and earlier. Showed first images from the rover camera.
Participants:
Dr. Matthew Golombek, Project Scientist
Peter Smith, Univ. of Arizona (Principal Investigator & Imager for Mars Pathfinder IMP)
Dr. James Bell, Cornell University, Scientist
Dr. Michael Malin, Malin Space Sciences Systems, Participating Scientist
Dr. Julio Magalhaes, NASA Ames Research Center - ASI/MET Science Team Member
Dr. Tim Schofield, ASI/MET Science Team Leader.
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/07/97 - 1:29:00 Producer: Savona

AVC-1997-198-1/1 **Mars Pathfinder News Briefing - 7/8/97, 12:00 Noon**

Discussed Alpha Proton X-ray Spectrometry results of Barnacle Bill the rock plus Martian Soil, plus the latest images from the Imager for Mars Pathfinder (IMP) camera.
Participants:
Dr. Matthew Golombek, JPL, Project Scientist
Dr. Rudolph Rieder, Max Planck Institute for Chemistry, Germany, PI, APXS
Dr. Hap McSween, U. of Tennessee, Participating Scientist
Peter Smith, U. of Arizona, PI, IMP
Dr. Nicholas Thomas, Max Planck Institute for Aeronomy, Germany, IMP Science Team Member
Dr. Jeffrey Barnes, Oregon State U., ASI/MET Science Team Member
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/08/97 - 1:33:00 Producer:

AVC-1997-199-1/1 **Mars Pathfinder News Briefing - 7/9/97, 1:00 p.m.**
The Mars Pathfinder Team introduces new images including the "monster pan", soil tests, and partial spectral analysis of Martian rocks.
Participants:
Dr. Matthew Golombeck, JPL, Project Scientist
Dr. Jeff Johnson, U.S.G.S., Science Team Member, IMP
Peter Smith, U. of Arizona, PI, IMP
Site: von Kármán Aud. Audience: JPL News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/09/97 - 0:54:00 Producer:

AVC-1997-200-1/1 **A Tribute to the Mars Pathfinder Team**
Dramatic music video using landing day animation and scenes from Pathfinder Mission operations areas.
Site: JPL Audience: Gen.
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Stereo mix 2: Stereo mix
07/10/97 - 0:02:00 Producer: John Beck

AVC-1997-201-1/1 **Mars Pathfinder News Briefing - 7/10/97, 12:30 p.m.**
The Mars Pathfinder Science briefing, with: rover movie, virtual reality fly-through; discussion of spectra/colors of rocks; Pathfinder entry profile and the results of the magnetic properties experiment. Participants:
Dr. Richard Cook, JPL, Mission Manager
Dr. Justin Maki, University of Arizona, Science Team Member, Imager for Mars Pathfinder (IMP)
Dr. Carol Stoker, ARC, Participating Scientist
Bob Reid, U. of Arizona, IMP Science Team Member
Dr. Julio Magalhaes, ARC, Science Team Member, ASI/MET
Dr. Jens Martin Knudsen, Niels Bohr Institute, U. of Copenhagen, IMP Co-Investigator
Site: von Kármán Aud. Audience: JPL NASA
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/10/97 - 1:31:00 Producer: Savona

AVC-1997-202-1/1 **Mars Pathfinder Backgrounder - 7/11/97, 10:00 a.m.**
Panel discussion led by David Seidel, and
featuring Tony Spear, Brian Muirhead, Richard
Cook, Jake Matijevic, Alan Sacks and John Wellman.
Discussion topics: the reset of Pathfinder on
07/11/97, development of the Mars Pathfinder
mission under NASA Discovery Program, the
interaction of the science, engineering and flight
team on Pathfinder and the general reaction of
each to the success of the mission.
Site: von Kármán Aud. Audience: JPL NASA News
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/11/97 - 1:08:00 Producer: Savona

AVC-1997-203-1/1 **Mars Pathfinder News Briefing - 7/11/97, 12:00 Noon**
New images; updated statistics on entry, descent
and landing; and a discussion of the multi-year
Mars program.
Participants: Richard Cook, JPL, Mission Manager
Larry Soderblom, USGS, Co-Investigator, Imager for
Mars Pathfinder(IMP)
Dara Sabahi, JPL, Entry, Descent and Landing
Mechanical Systems Engineer
David Spencer, JPL, Navigation Engineer
Sam Thurman, JPL, Entry, Descent and Landing
System Engineer
Tony Spear, JPL, Project Manager
Norm Haynes, JPL, Director, JPL Mars Exploration
Directorate
Site: von Kármán Aud. Audience: JPL News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/11/97 - 1:07:00 Producer: Savona

AVC-1997-204-1/1 **Muirhead Demo Tape for Directors Review**
1. Tribute to Mars Pathfinder
2. Black & White Pan of Landing Site
3. Spacecraft Decent Animation
4. Rover View of Martian Surface Flyover
Site: Audience: Resource
Client: McNevin
Master: BCAMsp Stored: 186-B10 Submaster:

Audio 1: Stereo mix 2: Stereo mix
07/14/97 - 0:05:10 Producer: Beck

AVC-1997-205-1/1 **Mars Pathfinder News Briefing - 7/15/97, 10:00 a.m.**
Mars Pathfinder science briefing with discussion of computer resets, APXS results from the rock Yogi and Hubble images of Mars. Participants:
Participants:
Dr. Matthew Golombek, JPL Project Scientist
Glenn Reeves, JPL, Flight Software Team Lead
Dr. Rudolph Rieder, Max Planck Institute for Chemistry, Germany, PI, APXS
Dr. James Greenwood, U. of Tennessee, Mineralogy Science Team Member
Dr. Steven Lee, U. of Colorado, Hubble Space Telescope Investigator
Dr. Mark Lemmon, U. of Arizona, Science Team Member, Imager for Mars Pathfinder (IMP)
Dr. J.T. Schfield, JPL, Science Team Leader, Atmospheric Structure Instrument/Meterology Package (ASI/MET)
Site: von Kármán Aud. Audience: JPL News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/15/97 - 1:21:00 Producer: Savona

AVC-1997-206-1/1 **Mars Pathfinder: Best of Raw Footage**
Press briefing compilation

AVC-1997-207-1/1 **Mars Pathfinder: Press Released Images**
The latest images of Mars taken by the Imager for Mars Pathfinder (IMP) and the rover camera. They appear in order of release.

AVC-1997-209-1/1 **Mars Pathfinder News Briefing - 7/22/97, 9:30 a.m.**
Mars Pathfinder briefing with discussion of telecommunications solution, science data, rover video, lander bounce, dust and panorama data. Participants: Dr. Matthew Golombek,Project Scientist; Richard Cook, Mission Manager; Glenn Reeves, Flight Software Lead Engineer; Dr. Peter Smith, Principal Investigator (IMP); Dr. Tim Parker, Science Team Member; Dr. Henry Moore, Rover Scientist and Dr. Geoffry Landis, Rover Technology Experimenter.

Site: von Kármán Aud. Audience: JPL News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/22/97 - 1:14:00 Producer: Savona

AVC-1997-210-1/1 **Explorer 1 - "The Big Picture"**
A "Big Picture" series produced by the U.S. Army. Depiction of the 84 day Explorer 1 program from it's inception through development to launch and mission activities, concluding with a press briefing conducted by the three lead scientists Dr. Pickering, JPL, Dr. von Braun, Army Ballistic Missile Agency; and Dr. Van Allen.
Site: Audience: Gen. Edu. NASA Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
Film Transfer. B&W. Production date circa 1959.
01/01/59 - 0:27:30 Producer: Army Pictorial Centr

AVC-1997-211-1/1 **NIMS - The Near-Infrared Mapping Spectrometer**
This production demonstrates the many capabilities of the NIMS instrument on board the Galileo spacecraft. Hosted by David Seidel.
Site: Audience: Gen.
Client: Jim Shirley
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/25/97 - 0:04:45 Producer: John Beck

AVC-1997-213-1/1 **"Action Plan to Gain & Maintain Support for Human Exploration of Mars"**
Caltech Management Association series
Mark Craig, Deputy Director of Stennis Space Center, presented an in depth look at commercial marketing strategies and how they are applicable in the space business.
Site: 180-101 Audience: Gen.
Client: Mina Flores
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/29/97 - 1:05:00 Producer: Beck

AVC-1997-214-1/1 **Conversemos En Esta Noche (Mars Pathfinder)**
Conversemos En Esta Noche
La Mision "Pathfinder" Al Planeta Marte - Mars

Pathfinder/JPL
Guests: Ocampo, San Martin, Figueroa, Acuna
Language: Spanish
Site: USIA Audience: Edu. News
Client: USIA PRODUCTION
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Spanish 2: Spanish
07/17/97 - 1:00:00 Producer: Jodi Reed

AVC-1997-215-1/1 **Mars Pathfinder News Briefing - 7/31/97, 10:00 a.m.**
Update on science activities and atmosphere pictures.
Participants:
Dr. Matthew Golombeck, JPL, Project Scientist
Dr. Michael Malin, Malin Space Systems,
Participating Scientist
Dr. Henry Stone, JPL, Rover Team
Dr. Mark Lemmon, U. of Arizona, Science Team
Member, Imager for Mars Pathfinder
Dr. Robert Haberle, ARC, Participating Scientist,
Atmospheric Structure Inst./Meterology Package
Dr. Rob Sullivan, Arizona State U., Participating Scientist.
Site: von Kármán Aud. Audience: JPL News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/31/97 - 1:19:17 Producer: Savona

AVC-1997-217-1/1 **Mars Global Surveyor: Surveying the Martian World**
This edited video production briefly describes the
Mars Global Surveyor's objectives using computer
animation to graphically illustrate the two-year
mapping mission to the 4th planet.
NEW 1997 VERSION
Site: Audience: Gen.
Client: Glenn Cunningham, Org. 1520
Master: BCAMsp Stored: Vendor Submaster: BCAMsp
Audio 1: Stereo mix 2: Stereo mix
Updated in August of 1997
08/06/97 - 0:05:26 Producer: Savona

AVC-1997-218-1/1 **Mars Pathfinder End of Primary Mission Video File for NASA-TV**
Interviews with Brian Muirhead and Dr. Matthew
Golombek, discussing the success of the primary
mission. Included are b-roll footage of reactions
during key events in the mission, as well as

images and animations of data returned from the surface of Mars.
Site: Audience: News Resource
Client: Zeluck/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/06/97 - 0:23:00 Producer: Goldrich

AVC-1997-219-1/1 **Mars Pathfinder News Briefing - 08/08/97, 11:30 a.m.**
Summary of completed primary mission and a synopsis of the newly acquired data.
Dr. Matthew Golombek, Project Scientist; Richard Cook, Mission Manager; Dr. Tim Schofield, Team Leader, Atmospheric Structure Instrument/ Meterology Package; Dr. Tom Economou, University of Chicago, Co-Investigator (APXS)
Site: von Kármán Aud. Audience: News
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/08/97 - 1:14:35 Producer: Goldrich

AVC-1997-220-1/1 **CMA - "A Strategy to Meet the Challenge"**
Caltech Management Association Lecture Series. Physical, biological and human systems are each composed of interactive components such as the oceans and atmosphere. Peter Eisenberger and Graciela Chichilnisky addressed the issue of human activity and its effect on global climate.
Site: Audience: Gen.
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/11/97 - 1:10:00 Producer: Beck

AVC-1997-223-1/1 **Mars Pathfinder Video File for NASA-TV**
Four new images of the Martian surface taken by the Pathfinder lander and Sojourner rover, and a short time-lapse movie of the rover near the "rock garden." These stills and animation were released in conjunction with NASA-TV interviews conducted by Dr. Matt Golombek.
Site: Audience: News Resource
Client: McNevin/PIO/NASA-TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

08/19/97 - 0:01:32 Producer: Goldrich

AVC-1997-224-1/1 **JPL/Mattel, Inc. Hot Wheel Video Press Release**
Video press release featuring Mattel employees discussing the recent partnership between JPL and Mattel, Inc. in developing a Hot Wheels toy. Animation of the Sojourner rover is also featured in this package.
Site: Audience: Gen. News Resource
Client: Watson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/20/97 - 0:07:15 Producer: McNevin/Goldrich

AVC-1997-226-1/1 **Mars Pathfinder Movie Collection**
Recent animated frame movies including: Color Monster Pan, Rover at Scooby-Doo, Rover Movie, Sunrise, Windsocks and Clouds.
Site: Audience: News Resource
Client: Muirhead
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
08/01/97 - 0:08:45 Producer: Goldrich

AVC-1997-227-1/1 **von Kármán Lecture Series - "Return to the Red Planet"**
VTV-718
Dr. Matthew Golombek updates the general public on the Mars Pathfinder mission using images, animations and viewgraphs. A question and answer period follows presentation.
Site: V.K. Aud. Audience: Gen.
Client: Stephanie Zeluck
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
08/21/97 - 1:27:00 Producer: Savona

AVC-1997-230-1/1 **Beyond Kidsat**
This compilation includes:
1. Kidsat: A Caltech Student Assisted Production.
2. Flyover of Saudi Arabia. 2X
3. Flyover of Owens Valley. 2X
Site: Audience: Gen. News Resource
Client: JoBea Way
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/25/97 - 0:13:00 Producer: John Beck

AVC-1997-233-1/1 **Mars Pathfinder News Briefing - 8/27/97, 10:00 AM**
Reported recent discovery of Mineralogy of rocks
and new metrology data.
Moderator: Skip McNevin, JPL Public Information Office
Dr. Matthew Golombek, JPL Mars Pathfinder Project
Scientist
Dr. Tim Schofield, JPL Team Leader, Atmospheric
Structure Instrument/Meteorology Package
Dr. Mark Lemmon, University of Arizona, Science
Team Member, Imager for Mars Pathfinder (IMP)
Dr. Tom Economou, University of Chicago,
C0-Investigator, Alpha Proton X-ray Spectrometer (APXS)
Howard Eisen, JPL Principal Investigator, Soil
Mechanics Technology Experiment
Site: von Kármán Aud. Audience: News Resource
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
08/27/97 - 1:15:00 Producer: Goldrich

AVC-1997-234-1/1 **Voyager 20th Anniversary Retrospective**
Revised and reedited version of Voyager in F Major
(AVC-1994-091), which includes future Voyager events
such as Heliopause, star flybys, etc.
Site: Audience: Gen.
Client: Kohlhase
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/29/97 - 0:05:17 Producer: Goldrich/Semerano

AVC-1997-235-1/2 **Cassini Mission Science Briefing**
Includes problem with the Huygens probe-34:00 Min
Opening remarks: Dr. Wesley Huntress
Speakers: Richard J. Spehalski, Dr. Hamid Hassan,
Dr. Dennis Madson, Dr. Jean Pierre Lubirtant, Dr.
Johnathan Lavine, Carolyn Porco, Larry Soderblom.
Site: NASA H.Q. Audience: News
Client: PIO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/03/97 - 1:32:00 Producer: NASA HQ

AVC-1997-235-2/2 **Cassini Mission Science Briefing**
Mission Hardware
Speakers: Richard J. Spehalski, Beverley Cook, and
Dr. Enrico.

Site: NASA H.Q. Audience: News
Client: PIO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/03/97 - 1:02:00 Producer: NASA TV

AVC-1997-236-1/1 **Traffic Surveillance & Detection Technology**
This video demonstrates the capabilities of various video image processing techniques used in traffic surveillance.
Site: Audience: JPL
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/07/97 - 0:06:00 Producer: Beck

AVC-1997-237-1/1 **Mars Global Surveyor Orbit Insertion Compilation Video**
Includes: Mapping the Martian World, B-Roll of the Spacecraft, Launch and supporting animation.
Site: Audience: News Resource
Client: Skip McNevin/PIO, Org. 1810
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
09/05/97 - 0:24:00 Producer:

AVC-1997-238-1/1 **Lake Vostok, Antarctica as a Test Bed for Future Missions to Europa**
Informal Press Briefing
Participants include:
Joan Horvath, JPL Advanced Concepts Office
Dr. Frank Carsey, Oceanographer, JPL
Dr. Larry Mallory, Microbiologist
Site: Audience: News
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/11/97 - 0:30:00 Producer: Beck

AVC-1997-239-1/1 **Video File: The 1997 El Niño Observations from Topex/Poseidon**
Stills and animation of data showing the Kelvin waves generated by winds in December 96 - February 97. During 1996, strong winds, blowing from east to west, pile up warm water north of Australia. In this region sea levels and surface temperature were higher than normal.
Site: Audience: News

Client: Skip McNevin/PIO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
09/02/97 - 0:02:00 Producer:

AVC-1997-240-1/1 **Cassini Downlink System Tutorial**
Speakers: System Eng. & Coord. - O.W. Smith
Real Time Operations (RTO) - D. Doody
Data & Computing Service (DCS) - J. Kounis
Flight System Operations (FSO) - G. Hintz
Navigation - G. Hintz; Spacecraft - K. Stowers
(DOI) - M. Sarrel; (DSN) - P. Donovan
Site: 230-309 Audience: Tech.
Client: Ruth Fragoso, Org. 3910
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
1-camera
08/26/97 - 1:00:00 Producer: McElvain

AVC-1997-241-1/1 **Real Time Commanding Training for Sequence Virtual Teams**
Speakers: Dr. Doug McElroy & Robert Murdock
Site: 230-101 Audience: Tech. JPL
Client: Doug McElroy, Org. 3140
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
1-Cam.
08/29/97 - 0:37:00 Producer: Somach

AVC-1997-242-1/1 **Cassini Spacecraft Antenna Tutorial**
Speaker: Suzanne Spitz
Site: 230-260W Audience: Tech. JPL
Client: Ruth Fragoso, Org. 3910
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/04/97 - 0:24:00 Producer: Somach

AVC-1997-243-1/1 **Cassini Missions and Science Operations Security Training**
Speaker: Ron Aguilar
Site: 230-309 Audience: Tech.
Client: Ron Aguilar, Org. 3800
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/05/97 - 0:25:00 Producer: Hardine

AVC-1997-244-1/1 **Mars Global Surveyor Pre-Arrival News Briefing**

This briefing summarizes the mission to the red planet to date, focusing on orbit insertion and a technique known as Aerobraking.
Speakers: Dr. William L. Piotrowski, NASA HQ - Sr. Program Executive for Mars Global Surveyor; Glenn E. Cunningham, JPL - Proj. MGR. for Mars Global Surveyor and Mars Surveyor Operations; Claude W. "Bud" McAnally III, Lockheed Martin Astronautics - Deputy & Vice Pres. of Flight Systems & Prog. MGR. for Mars Global Surveyor; Joseph G. Beerer, JPL - Flight Operations MGR. Mars Surveyor Operations Project; Dr. Arden L. Albee, California Institute of Technology - Proj. scientist for Mars Global Surveyor
Site: von Kármán Audience: News
Client: Cunningham/PIO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/09/97 - 1:16:00 Producer: Savona

AVC-1997-245-1/1 **Mars Global Surveyor News Briefing**
Status update of the spacecraft.
Speaker: Glenn E. Cunningham, JPL - Project Manager for Mars Global Surveyor and Mars Surveyor Operations.
No Q&A.
Site: von Kármán Aud. Audience: News
Client: Cunningham/PIO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/10/97 - 0:04:00 Producer: Goldrich

AVC-1997-246-1/1 **Mars Global Surveyor Post-MOI News Briefing**
Status report of the Mars Orbit Insertion.
Speakers: Glenn Cunningham, Dr. Wesley Huntress, Dr. Edward Stone, Claude McAnally III and Dr. Pasquale Esposito
A Question and Answer period follows presentation.
Site: von Kármán Audience: News
Client: Cunningham/PIO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/11/97 - 0:26:05 Producer: Savona

AVC-1997-247-1/1 **The Three Galileo Conference in Padova, Italy**

Produced in Italy for a Galileo Conference.
Recorded on 1/7/97.
Site: Padova,Italy Audience: JPL Resource
Client: Maynard Hine
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
01/07/97 - 0:21:50 Producer:

AVC-1997-248-1/1 **Papal Audience at the Vatican**
Recorded on 1/11/97 at the Vatican with Pope John Paul II.
Site: Audience: JPL Resource
Client: Maynard Hine
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
01/11/97 - 0:27:37 Producer:

AVC-1997-249-1/1 **Astrobiology in the Future of NASA**
"Director's Topical Seminar Series"
Speaker Dr. David Morrison, Director of Space at NASA Ames Research Center, discusses NASA's new astrobiology initiative which will study the living universe and communicate the discoveries to the public.
Site: von Kármán Aud. Audience: Gen.
Client: Lynn Osornia
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/15/97 - 1:00:00 Producer: Beck

AVC-1997-250-1/1 **TOPEX/Poseidon El Niño Compilation**
1) El Niño animation released 9/15/97.
2) El Niño animation released 5/23/97.
3) TOPEX/Poseidon satellite animation.
4) Topography of the world ocean and currents.
5) TOPEX/Poseidon Launch.
6) Latest El Niño animation released 10/14/97
Site: Audience: News Resource
Client: M. Hardin, Org. 1810
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
09/17/97 - 0:19:00 Producer: Ziats

AVC-1997-251-1/1 **von Kármán Lecture Series - "Countdown to Launch" VTV-720**
Dr. Ellis Miner discusses the Cassini mission to

Saturn and its moons. He describes to the general public the mission and the controversial RTGs using slides and two video productions.
Site: von Kármán Aud. Audience: Gen.
Client: Stephanie Zeluck
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
09/18/97 - 1:32:28 Producer: Savona

AVC-1997-252-1/2 **Mars Global Surveyor Orbit Insertion**
Commentary coverage of the MGS spacecraft inserting into the martian orbit. Includes various pretapes of interviews of Project Scientists and Mission Control images from Lockheed Martin in Dever, Colorado and JPL, Pasadena, California.
Site: JPL/ LMA Denver, Co. Audience: News Resource
Client: PIO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/11/97 - 1:27:00 Producer: Goldrich

AVC-1997-252-2/2 **Mars Global Surveyor Orbit Insertion**
Part 2 of 2
Site: JPL/Denver, Co. Audience: News Resource
Client: PIO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/11/97 - 1:05:00 Producer: Goldrich

AVC-1997-253-1/1 **Galileo Project Science Briefing**
Speakers: Dr. Karen Buxbaum, JPL
Dr. Steve Joy, UCLA
Dr. Robert Carlson, JPL
Dr. Rosaly Lopes-Gautier, JPL
Dr. David Senske, JPL
Dr. Ashwin Vasavada, Caltech
Site: 167-Conf. Audience: Gen.
Client: Dr. Karen Buxbaum
Master: sVHS Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
1-Camera videotaping
09/15/97 - 2:08:00 Producer: Somach

AVC-1997-254-1/1 **New Millennium Deep Space 1 Video File for NASA-TV**
Computer animation of spacecraft followed by

B-Roll of spacecraft in clean room and an interview with Dr. Marc Rayman, New Millennium Deep Space 1 Chief Mission Engineer
Site: Audience: News
Client: Zeluck/PIO/NASA-TV, Org. 1800
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
09/24/97 - 0:07:27 Producer: Savona

AVC-1997-256-1/1 **New Robots for Mars Science Missions - Planetary Dextrous Manipulators**
Robots have increasingly important roles in planetary science. This program shows the progress made towards four goals in FY97 to extend terrestrial technology to the space environment.
Site: Audience: Tech.
Client: Paul Schenker
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/25/97 - 0:07:00 Producer: John Beck

AVC-1997-259-1/1 **"The History & Accomplishments of the Tuskegee Airmen" - CMA**
"Caltech Management Association Presentation"
In 1939, the US War Dept. selected Tuskegee, Alabama as a base site for what was called the "Noble Experiment" in which Black pilots were trained to fly for the Army Air Corps. Edward L. Brantley, one of the 450 Black pilots which fought overseas, tells about his experiences.
Site: von Kármán Audience: Gen.
Client: M. Flores, Org. CMA
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/30/97 - 1:20:00 Producer: Beck

AVC-1998-001-1/1 **Mars Global Surveyor Science News Briefing**
Science briefing of the MGS mission. Speakers include: Dr. Arden Albee, Dr. Jack Connerney, Dr. Michael Malin, Dr. Philip Christensen, Dr. David Smith, Dr. Jerry Keating and Dr. Richard Zurek
Q & A follows presentation; Brian Muirhead updates the public on the Pathfinder mission at the start.
Site: von Kármán Audience: News
Client: Cunningham/PIO, Org. 4900

Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/02/97 - 1:30:00 Producer: Savona

AVC-1998-003-1/1 **Life Without Oxygen**
Director's Topical Seminar Series. Dr. Kenneth Nealson talks about the metabolic versatility of life that might occur in both extreme environments on Earth and on Mars. Viewgraphs and slides slides highlight the presentation which is introduced by Dr. Chahine.
Site: JPL - vKA Audience: Edu. JPL
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
10/03/97 - 1:23:00 Producer: Semerano

AVC-1998-004-1/1 **KidSat Presents: View from Space of Fire in** Indonesia
KidSat images from shuttle mission STS-86 were used to create a flight over Sumatra. The flight shows fires burning in Indonesia.
Site: JPL Audience: Edu. JPL News Resource
Client: KidSat/Jobea Way
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
10/03/97 - 0:02:20 Producer: Eric DeJong

AVC-1998-007-1/1 **Mars Pathfinder Science News Briefing**
Mission status update and discussion of the planets core. Images from the Sojourner rover and discussion of sand on Mars and weather.
Participants: Jennifer Harris - JPL Flight Dir.
Dr. Matthew Golombek - JPL Project Scientist
Dr. William Folkner - JPL Participating Scientist
Dr. Wes Ward - U.S. Geological Survey, Menlo Park, CA (Rover Scientist)
Dr. Greg Wilson - Arizona State University, Science Team Member, Atmospheric Structure Instrument/Meteorology Package (ASI/MET) Facility Instrument
Site: JPL/von Kármán Audience: JPL News
Client: Muirhead/PIO, Org. 4900
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/08/97 - 1:17:00 Producer: Savona

AVC-1998-012-1/1 **Lightweight Planetary Rovers for Mars Science & Sample Return**
Future mobile robots will explore a diverse Mars terrain & environment. This program shows the progress made towards a lightweight survivable rover and sample return rover.
Site: Audience: JPL
Client: Paul Schenker
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/10/97 - 0:04:30 Producer: John Beck

AVC-1998-013-1/1 **Cassini/Titan IV L-2 Press Conference**
Presenters: Dr. Wesley Huntreess, Dr. Roger Bonnet, Prof. Giancarlo Setti, Col. Everett Thomas, Heinz Wimmer, Beverly Cook, John Weems
Site: KSC Audience: News
Client: Nancy Lovato, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/11/97 - 1:03:00 Producer: KSC

AVC-1998-016-1/1 **Cassini Launch Night Program**
Switched program of activities in von Kármán Auditorium and building 230 Mision Operation during Cassini Launch. Welcome by Ron Draper. Tape starts at T-40 minutes and goes to T+40 minutes.
Site: von Kármán Audience: Gen. Resource
Client: Ken Williams, Org. 3110
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/15/97 - 1:20:00 Producer: Hanchett

AVC-1998-017-1/1 **Cassini Launch from KSC**
VTV-722 Launch coverage of the Titan IV Rocket with the Cassini spacecraft from KSC. Coverage shows launch through spacecraft separation. The Cassini spacecraft will orbit Saturn.
Site: KSC Audience: Gen. News Resource
Client: PIO, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/15/97 - 1:24:00 Producer: KSC (Borst)

AVC-1998-018-1/1 **Cassini Post Launch Press Briefing from KSC**
Speakers:
Dr. Wesley Huntress - NASA Associate Administrator, Office of Space Science;
Dr. Roger Bonnet - Dir. of Science Prog. ESA;
Dr. Enrico Flanmini - Cassini Program Manager, Italian Space Agency;
Dr. Ed Stone - Director, JPL;
Brig Gen Randall Starbuck - Commander 45th Space Wing, USAF;
Heinz Wimmer - Launch Vehicle Integration Manager, LeRC;
Richard Spehalski - Cassini Program Manager, JPL;
Beverly Cook - Director, Space Nuclear Programs, DOE
Site: KSC Audience: News
Client: Nancy Lovato, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/15/97 - 0:24:00 Producer: KSC (Borst)

AVC-1998-020-1/1 **Robotic Assisted MicroSurgery - RAMS FY'97**
Accomplishments of RAMS in FY'97
Site: JPL Audience: Gen.
Client: Hari Das, Org. 3450
Master: 1"C Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/15/97 - 0:05:13 Producer: Savona

AVC-1998-021-1/1 **Rocky 7 - Mojave Desert Field Tests**
Accomplishments of the Rocky 7 rover in Lavic Lake, Mojave Desert in May 1997
Site: Lavic Lake Audience: Gen.
Client: Samad Hayati, Org. 3450
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Stereo mix 2: Stereo mix
10/15/97 - 0:07:09 Producer: Savona

AVC-1998-022-1/1 **Mars Global Surveyor Orbit Insertion B-Roll**
Includes footage of MGS personnel in building 264 involved in orbit insertion activities
Site: Audience: News Resource
Client: Zeluck, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/15/97 - 0:00:00 Producer: Beck

AVC-1998-023-1/2 **Chapters in Aerospace History - Donna Shirley**
JPL manager Donna Shirley is interviewed by Dr. Albert Hibbs for the California Museum of Science and Industry's archives. Donna recounts her experiences from the early years at the lab to the present.
Site: TV Studio Audience: Edu.
Client: Dr. Shirley Thomas, Org. 182
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
TRT: 1:23:21
Dr. Shirley Thomas can be reached at (213)876-1412
10/20/97 - 0:56:09 Producer: Semerano

AVC-1998-023-2/2 **Chapters in Aerospace History - Donna Shirley**
Part 2 of 2
Site: TV Studio Audience: Edu. Resource
Client: Dr. Shirley Thomas, Org. 182
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
TRT: 1:23:21
10/20/97 - 0:27:12 Producer: Savona

AVC-1998-026-1/1 **Genesis Mission Media Reel**
Computer generated animation of the Lockheed Martin-built Genesis spacecraft. Includes footage of the sun from the Yohkoh mission; NASA animation depicting the formation of the universe; and computer-generated Genesis logos.
Site: Denver, CO Audience: News Resource
Client: Zeluck
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
Internal duplication only!
10/27/97 - 0:05:00 Producer: Lockheed-Martin

AVC-1998-027-1/1 **Galileo Science Summary October, 1997**
This compilation consists of the following visualizations:
Mission Summary:
Probe Release - :46
Probe Entry - :39
Data Relay - :17
Jupiter Orbit Insertion - :12
Orbital Tour - 1:54
Jupiter's Atmosphere:
5 micron "hotspot" dynamics - 1:53
Simulated flight over the "hotspot" - 1:08
Io:
Internal structure derived from gravity data - :45
Ganymede:
Magnetic Data and Radio Noise - :34
Magnetic Field Model - :46
Internal Structure derived from gravity data - :24
Zoom into Uruk Sulcus - :43
Zoom into Galileo Regio - :43
Simulated flight over Galileo Regio - :38
Europa:
Zoom & Pan into Minos Linea - 1:22
Closest approach - 6th orbit - :51
Zoom into Europa - :32
Simulated flight over Ice Rafts - :54
Edited version for presentation purposes by Torrence Johnson.
Site: Audience: Tech. Resource
Client: Torrence Johnson, Org. 950
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/29/97 - 0:17:34 Producer: Savona

AVC-1998-028-1/1 **CMA - "Martian Life and Its Implications for Humankind's Place..."**
VTV-725 A Caltech Management Association talk. Robert Jastrow ponders, if there is life on Mars then life independently evolved on two planets in one solar system and is not a highly improbable event. This would carry the implication that the universe teems with life, much of it billions of years older than life on Earth.
Site: von Kármán Audience: Gen.
Client: Mina Flores, Org. 6100
Master: BCAMsp Stored: 186-B10 Submaster:

Audio 1: Mono mix 2: Mono mix
10/30/97 - 0:50:46 Producer: Savona

AVC-1998-029-1/1 **Colliding Galaxies - Hubble Space Telescope**
Hubble Space Telescope's images.
1. Zoom into the antennae Galaxies
2. Galaxy merger evolution sequence
3. The formation of the Antennae pair
4. Artist conception of the collision of Milky-Way Galaxy with Andromeda
Site: Audience: Resource
Client: PIO/Jurrie, Org. 1810
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
10/21/97 - 0:06:13 Producer:

AVC-1998-030-1/1 **Mars Pathfinder News Briefing**
Final mission report given to the press.
Participants: Brian Muirhead, Richard Cook, Dr. Jake Matijevic, Dr. Matthew Golombek, Dr. Timothy Parker, Kathleen Spellman and Peter Smith.
Site: von Kármán Audience: News
Client: Muirhead/PIO, Org. 4900
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/04/97 - 1:07:23 Producer: Savona

AVC-1998-031-1/1 **New Millennium DS2 Battery & Probe Tests Video**
File for NASA-TV
Interviews with Sarah Gavit, DS2 Project Manager discussing the mission & recent tests; testing in Socorro, N.M. of the DS2 battery & probe; high-speed footage of probe impact from a previous test; animation of the DS2 separation from Mars'98 and penetration into Martian soil.
Site: Audience: News Resource
Client: Stephanie Zeluck
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/06/97 - 0:16:33 Producer: John Beck

AVC-1998-032-1/1 **TRMM Pre-launch & Science Briefing**
Briefing on NASA & Japanese Earth Satellite TRMM (Tropical Rainfall Measurement Mission) to be launched from Japan.
Panelists:
Tom LaVigna, TRMM Project Manager, GSFC
Hideshi Kozawa, NASDA
Joanne Simpson, TRMM Project Scientist
Christian Kummerow, TRMM Dep. Proj. Sci., GSFC.
Site: NASA HQ Audience: News Resource
Client: Mary Hardin, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/06/97 - 0:46:30 Producer: Borst

AVC-1998-033-1/1 **Stardust Mission Overview and Name Microchip Video**
File for NASA TV
Interview with Dr. Kenneth Atkins, Stardust Project Manager, discussing the mission and onboard microchip containing names submitted by the public; b-roll of a sample microchip & names viewed under an electron microscope; new animation of Stardust showing launch through sample return.
Site: JPL Audience: News Resource
Client: Stephanie Zeluck
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/07/97 - 0:17:00 Producer: John Beck

AVC-1998-034-1/1 **Stardust Animation**
This animation shows the Stardust spacecraft intercept the comet Wild-2 and carry samples back to Earth.
Produced for JPL by the Engineering Multimedia Group.
Site: Audience: Gen. Resource
Client: Amy Whalen
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Stereo mix 2: Stereo mix
11/07/97 - 0:07:31 Producer: Robert Abannot

AVC-1998-035-1/1 **Mars Global Surveyor Press Briefing**
VTV-726 MGS operations of spacecraft aerobraking and science activities from the TES, Laser Altimeter, Camera, Mag./Electron and New Mission Plan. Participants include: Glenn Cunningham, Dr. Arden Albee, Dr. David Smith, Dr. Michael Malin, Dr. Philip Christensen and Dr. David Mitchell
Site: JPL TV Studio Audience: News
Client: Cunningham/PIO, Org. 4900
Master: BCAMsp Stored: Vendor Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/10/97 - 0:59:30 Producer: Savona

AVC-1998-036-2/2 **AIRS CCC/Harvest Software Configuration Management**
Training
Part 2 of 2
Site: JPL, 168-232 Audience: Tech. JPL
Client: Vicki Myers, Org. 3880
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
TRT 2:30:00
11/06/97 - 1:00:00 Producer: Parrillo

AVC-1998-037-1/1 **Imaging Radar**
An edited production of an overview, history and future applications of spaceborne imaging radar.
Site: Audience: Gen. Edu.
Client: Mona Jasnow
Master: 1"C Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/09/97 - 0:05:15 Producer: Semerano

AVC-1998-038-1/1 **Mars Pathfinder / TED Project**
States of Art produced this dramatic overview of the Mars Pathfinder mission for the TED Convention. It includes interviews with team members and video footage shot both before and after the July 4th landing on Mars.
Site: JPL Audience: Gen. Resource
Client: Brian Muirhead
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Stereo mix 2: Stereo mix
09/24/97 - 0:12:20 Producer: D.Tate/States of Art

AVC-1998-039-1/1 **Live From Mars #5: "Today on Mars"**
A Passport to Knowledge Project production. The

last of a 5-part series following the progress of the Mars Pathfinder and Mars Global Surveyor projects. Students asked questions.
Hosted by Camille Moody and David Seidel.
Featured Phil Christensen, Glenn Cunningham, Norm Haynes, Wayne Lee, and Donna Shirley.
Weather data and imagery from Mars show what has been learned to date from the Pathfinder lander and rover: how the continuing data stream provides students with material to analyze in math and computer classes. What Sojourner has revealed, to date, about the actual composition of Martian rocks, and what this implies for the question of liquid water and the possibility of life. A preview of the next decade of exploration.
Site: JPL/ASU Audience: Gen. Edu.
Client: Haines-Stiles/Bridges, Org. 182
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
http://quest.arc.nasa.gov/mars/
Passport used JPL TV facilities in this production.
11/13/97 - 1:00:00 Producer: Passport to Knowledge

AVC-1998-041-1/1 **Deep Space 1**
A narrated description of the mission profile of the Deep Space 1 spacecraft. Included are animations showing the spacecraft leaving Earth, navigating in deep space and later flying by an asteroid, Mars and then a comet.
Site: Audience: Gen. News Resource
Client: Suzanne D'Mello
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/16/97 - 0:02:58 Producer: Semerano

AVC-1998-042-1/1 **Journey to Jupiter - An Update on Galileo's Mission to Jupiter**
Lead Outreach Coordinator, Leslie Lowes hosts this Galileo Mission update featuring the Galileo Project Manager, Bill O'Neil and special commentary from Dr. Arthur C. Clarke. Question and answer from the audience follows.
Site: JPL, von Kármán Audience: Gen.
Client: Leslie Lowes
Master: BCAMsp Stored: Vendor Submaster:

Audio 1: Mono mix 2: Mono mix
11/17/97 - 1:04:00 Producer: John Beck

AVC-1998-044-1/1 **Microwave Limb Sounder El Niño Animation**
Animation showing the development of the current El Niño based on upper atmospheric water vapor measurements at 10Km. Upper Tropospheric Humidity Data taken by the Microwave Limb Sounder on board the Upper Atmospheric Research Satellite
Site: Audience: Resource
Client: Zeluck
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
10/24/97 - 0:02:30 Producer: HQ

AVC-1998-045-1/2 **von Kármán Lecture Series - "An Astronaut's View: Dr. Story Musgrave**
VTV-727 In this talk, he discusses his experiences aboard the Space Shuttle and his work on the first Hubble Space Telescope repair mission - he uses these experiences as a basis to present his views of the universe.
Site: JPL - vKA Audience: Gen.
Client: Stephanie Zeluck, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
TRT 01:43:30
11/20/97 - 1:30:00 Producer: Savona

AVC-1998-045-2/2 **von Kármán Lecture Series - "An Astronaut's View: Dr. Story Musgrave**
Part 2 of 2
Site: JPL vKA Audience: Gen.
Client: Stephanie Zeluck, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
TRT 01:43:30
11/20/97 - 0:13:30 Producer: Savona

AVC-1998-048-1/1 **Solo Spirit Balloon Flight - Video File for NASA-TV**
Interviews with JPL's Jim Cutts & Jonathan Cameron and Washington University's Dr. Ray Arvidson discussing the scientific objectives of the small payload onboard Steve Fossett's balloon to fly around the world. Includes b-roll of the payload, public web site, and balloon launch test footage.

Site: JPL/Wash. Univ. Audience: News Resource
Client: PIO/Zeluck
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/04/97 - 0:11:50 Producer: John Beck

AVC-1998-052-1/1
VTV-730

Mars Pathfinder First Day of Issue Stamp Ceremony
The unveiling of the new U.S. Postal stamp commemorating the historic achievements of the Mars Pathfinder mission. A musical prelude by the U.S. Marine Corps begins the event. Presiding over the activities is Robert Mysel, Postmaster, Pasadena. A rover model unveils the stamp.
Site: JPL Mall Audience: JPL
Client: Kim Lievense
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/10/97 - 0:23:28 Producer: Savona

AVC-1998-053-1/1

"The Clouds of Venus" - Short Version
Originally created as a 30 minute production in 1962, this film to tape transfer tells the story of Mariner II's journey to Venus & reports its findings.
Site: Audience: Gen.
Client: Bridges
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix frm AVC 92-173
12/12/97 - 0:08:37 Producer: Beck

AVC-1998-055-1/1
VTV-732

Mariner II 35th Anniversary Retrospective
A retrospective by Jack James on the Mariner II Mission to Venus. Introduction by John Casani. Following Jack James is Jeff Plaut talking on the Magellan Mission to Venus. Questions by audience members. Surveillance camera videotaping.
Site: von Kármán Aud. Audience: Gen.
Client: Zeluck
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
12/12/97 - 1:13:30 Producer: Ziats

AVC-1998-056-1/1

Galileo Science Update (End of Prime Mission)
Galileo scientists and engineers recap highlights of Galileo's primary mission and reviewed the new Galileo Europa mission. Showed new still pictures and video animation, some based on the Nov. 6th, 1997 Europa flyby.

Participants:
Jane Platt - Introduction
Bill O'Neil, Proj. Manager, Galileo Primary
Mission - JPL
Dr. Torrance Johnson, Galileo Proj. Scientist -
JPL
Dr. Ronald Greeley, Galileo Imaging Team - Arizona State
University
Bob Mitchell, Proj. Manager (Galileo Europa
Mission - JPL
Dr. Karen Buxbaum, Galileo Science Planning
Manager - JPL
David Seidel, Moderator - JPL
Site: JPL Audience: News
Client: PIO/Zeluck, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: M-II
Audio 1: Mono mix 2: Mono mix
12/16/97 - 0:57:00 Producer: Savona

AVC-1998-065-1/1

Explorer 1 40th Anniversary Video File for NASA-TV

1)Interview with Dr. James Van Allen, instrument
scientist for Explorer's Cosmic Ray Experiment.
2) Interview with Dr. William Pickering, Director
of JPL from 1954-1976.
3)Interview with Donna Shirley, Manager, JPL's
Mars Exploration Program.
4)Portions of X-80 Days, a documentary of Explorer 1.
Site: JPL Audience: Gen. JPL NASA News Resource
Client: S. Zeluck/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/26/98 - 0:26:30 Producer: John Beck

AVC-1998-067-1/1
VTV-735

Searching For Planets Around Other Stars

Speaker: Professor Geoffrey Marcy
Astronomers have finally discovered planets
orbiting Sun-like stars and Prof. Marcy explained
how these discoveries became possible, and he will survey our
current state of understanding of the new planetary systems.
Site: JPL Audience: Tech. JPL
Client: C. Lowenstein, Org. 7200
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/28/98 - 1:19:00 Producer: BECK

AVC-1998-068-1/1 **Mars Exploration Compilation**
Visual support for speakers discussing past and future programs dedicated to the exploration of Mars. Included are Mars Pathfinder, Mars Global Surveyor and Mars '98.
Site: Audience: Edu. Resource
Client: Larry Soderblom
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
02/01/98 - 0:20:00 Producer: Semerano

AVC-1998-070-1/1 **Mars Surveyor '98 Lander Integration - Video File or NASA-TV**
1) Animation of the Mars '98 lander mission.
2) B-roll of tests & integration of the Mars '98 science payload at JPL.
3) B-roll of Mars '98 at Lockheed Martin, Denver CO.
4) Interviews with: Dr. John McNamee, Dr. Young Park, & Dr. Richard Zurek.
5) New images from MGS of the Mars '98 landing site.
Site: JPL/LMA, Denver Audience: News Resource
Client: S. Zeluck/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/07/98 - 0:25:28 Producer: Beck/Semerano

AVC-1998-071-1/1 **Voyager 1 Passes Pioneer 10 - Video File for NASA-TV**
Animation depicting how after 2/17/98, Voyager 1 will have passed Pioneer 10 to become the farthest human-made object in the solar system. Includes interviews with Dr. Edward Stone, JPL Director /Voyager Project Scientist & Ed Massey, Voyager Project Manager. "Best of" images from Voyager 1.
Site: JPL Audience: News Resource
Client: S. Zeluck/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/10/98 - 0:08:54 Producer: Beck/Semerano

AVC-1998-072-1/1 **News Briefing - NASA Radar Reveals Hidden Remains at Angkor**
VTV-737 A press briefing about new evidence of a prehistoric civilization and remnants of ancient temples in Angkor, Cambodia have been discovered

by researchers using highly detailed maps produced with data
from an airborne imaging radar
instrument created by NASA/JPL.
Site: von Kármán Aud. Audience: News
Client: Mary Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/12/98 - 0:40:31 Producer: Savona

AVC-1998-081-1/1 **Galileo Europa E12 Images & Animation**
Zoom into Jupiter's moon Europa "Wedge" Terrain;
Zoom into Europa "Chaos" Terrain; Europa E12
animation; Europa E13 animation 9:18. Collection
of stills of E12 Encounter 2:40.
Site: Audience: News Resource
Client: Stephanie Zeluck
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Silent 2: Silent
03/02/98 - 0:12:00 Producer: Eric DeJong

AVC-1998-082-1/1 **Mars Global Surveyor Centennial Orbit Animation**
This is an animation of Mars Global Surveyor
showing the aerobraking drag pass and science
rollout during the 100th orbit about Mars on
January 20, 1998.
Site: Audience: JPL Resource
Client: John Callas, Org. 3231
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
03/02/98 - 0:03:00 Producer: Callas

AVC-1998-084-1/1 **Mars Pathfinder End of Mission Press Briefing**
Speakers include Brian Muirhead, Jennifer Harris
and Matt Golombek
Q and A follows presentations.
Site: von Kármán Aud. Audience: News
Client: Media Relations Off., Org. 181
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/10/98 - 0:15:19 Producer: Savona

AVC-1998-085-1/1 **Last Attempt to Contact Mars Pathfinder - Video File for NASA TV**
B-roll of the Mars Pathfinder Mission Ops area on
3/10/98 when a final attempt was made to contact

Mars Pathfinder. After no signal was received, a mission status was delivered in von Kármán Auditorium by Brian Muirhead, Jennifer Harris, & Matt Golombek announcing the end of the mission.
Site: JPL Audience: News Resource
Client: S. Zeluck/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/10/98 - 0:18:06 Producer: Semerano

AVC-1998-086-1/1 **Lunar Prospector Early Science Results**
Press Conference from NASA Ames Research Center.
Site: Audience: News Resource
Client: AMES RESEARCH
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/05/98 - 1:30:00 Producer:

AVC-1998-087-1/1 **Mars Global Surveyor Science Magazine - Video File** for NASA-TV
New images and flyover imagery from Mars Global Surveyor released in conjunction with a Science Magazine article on 3/13/98. Includes interviews with MGS Project Manager Glenn E. Cunningham and MGS Project Scientist Dr. Arden Albee.
Mars images by Malin Space Science Systems, Inc.
Site: JPL/Malin SSS Audience: News Resource
Client: S. Zeluck/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/12/98 - 0:22:00 Producer: Parrillo

AVC-1998-089-1/1 **SIRTF Development Phase - Video File for NASA TV**
1)Animation of the Space Infrared Telescope Facility (SIRTF)
2)b-roll of SIRTF shake tests
3)Interview with Larry Simmons, SIRTF Project Manager;
4)Interview with Dr. Mike Werner, SIRTF Project Scientist.
Both discuss the scientific objectives of SIRTF.
Site: JPL Audience: News Resource
Client: S. Zeluck/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/18/98 - 0:15:02 Producer: Parrillo

AVC-1998-090-1/1 **El Niño Clips for Educators**
Excerpt from AVC-1995-091; Segment 7 from
AVC-1997-250; Animation from Tim Liu and Local News
Site: Audience: Edu.
Client: Diane Evans
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/17/98 - 0:12:17 Producer: Savona

AVC-1998-092-1/1 **Chixculub Impact Crater - Video File for NASA-TV**
B-roll of a Planetary Society-sponsored expedition
to the Chixculub impact crater in Belize in
January, 1998, revealing more evidence of a
catastrophic asteroid impact that killed off the
dinosaurs. Includes an interview with Adriana
Ocampo, NASA Planetary Geologist and part of the
Belize expedition.
Site: JPL/NASA HQ Audience: News Resource
Client: S. Zeluck/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
* b-roll was shot on VHS and has a time/date stamp
at the lower left of the video.
03/09/98 - 0:13:11 Producer: Savona

AVC-1998-093-1/1 **TOPEX/Poseidon 3/26 El Niño Release - Video File**
for NASA-TV
Animation depicting the evolution and decrease of
the El Niño warm water pool from 12/96 to 3/98.
Interview with Dr. Bill Patzert, JPL Research
Scientist describing the animation and the
expected duration of the current El Niño.
Site: JPL Audience: News Resource
Client: S. Zeluck/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/24/98 - 0:05:44 Producer: Savona

AVC-1998-094-1/1 **MGS Images Martian Sites of Public Interest -** Video File for NASA-TV
A still image of the Cydonia, or "face" region of Mars imaged by the Viking 1 Orbiter in 1976. Interview with Glenn E. Cunningham, Mars Surveyor Operations Project Manager at JPL, discussing the upcoming imaging and scientific campaigns for Mars Global Surveyor.
Site: JPL Audience: News Resource
Client: S. Zeluck/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/24/98 - 0:06:54 Producer: Savona

AVC-1998-095-1/1 **Ground Collision Avoidance Software - Video File** for NASA-TV
Footage of a pilot using TerrAvoid and Position Integrity, software-based collision avoidance programs using JPL's GeoTIFF mapping architecture. Interview with Bob Severino, President of Dubbs & Severino, the software developers, & Merle McKenzie, Mgr. of JPL's Commercial Technology Program.
Site: JPL Audience: News
Client: S. Zeluck/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/26/98 - 0:07:44 Producer: Savona

AVC-1998-097-1/1 **SSV Mars Pathfinder Collection (Preliminary** Version)
Solar System Visualization Project Collection of The Mars Pathfinder (MPF) Mission animations. This collection includes panoramic views of the MPF landing site and animations of the Sojourner rover.
Site: DIAL/JPL/CIT Audience: JPL Resource
Client: Eric De Jong, Org. 3233
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/04/98 - 0:20:00 Producer: Eric De Jong

AVC-1998-098-1/2 **SSV Galileo Collection**
Solar System Visualization Project Collection of The Project Galileo animations. This collection includes: displays of the Galileo Spacecraft, The Mission trajectory, and close-up views of Io,

Europa, Ganymede, Callisto and Jupiter.
Site: DIAL/JPL/CIT Audience: Tech. JPL
Client: Eric De Jong, Org. 3233
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/05/98 - 1:03:15 Producer: Eric De Jong

AVC-1998-098-2/2 **SSV Galileo Collection**
Part 2 of 2.
Site: DIAL/JPL/CIT Audience: Tech. JPL
Client: Eric De Jong, Org. 3233
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/05/98 - 0:46:00 Producer: Eric De Jong

AVC-1998-099-1/1 **SSV Collection of Earth Science Examples**
Solar System Visualization Project Collection of Earth Science Visualization animations. The collection includes: global views of the ozone layer, images from the SIR/C Mission, and computer simulations of the EOS/AM1 and Topex/Poseidon orbiters.
Site: DIAL/LAB/CIT Audience: Tech. JPL
Client: Eric De Jong, Org. 3233
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: 2:
04/13/98 - 0:21:18 Producer: Eric De Jong

AVC-1998-100-1/2 **How to use DNS Services & The Business Case for DNS**
VTV-751 Steve Bluhm, the JPL DNS Contract Manager, presents details about the DNS contract, services and the procedures for using them.
Q & A follows presentation.
Site: von Kármán Aud. Audience: JPL
Client: Vicki Laidig, Org. 1710
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/31/98 - 1:00:22 Producer: Savona

AVC-1998-100-2/2 **How to use DNS Services & The Business Case for DNS**
VTV-751 Part 2 of 2
Site: von Kármán Aud. Audience: JPL
Client: Vicki Laidig, Org. 1710
Master: BCAMsp Stored: 186-B10 Submaster:

Audio 1: Mono mix 2: Mono mix
03/31/98 - 0:43:30 Producer: Savona

AVC-1998-101-1/1 **Lewis Center for Educational Research - Video File**
for NASA-TV
B-roll of the newly dedicated Lewis Ctr. for Educational Research, Apple Valley CA. Shows exterior shots plus students operating the DSS-12 dish from mission control; shot of the DSS-12 antenna at Goldstone. Interview with Rick Piercy, Chief Operations Officer of the Center.
Site: JPL Audience: News Resource
Client: S.Zeluck/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/01/98 - 0:07:12 Producer: Parrillo

AVC-1998-102-1/1 **The Pathfinders**
A dramatic look at the Mars Pathfinder Mission as told by its team members. The story begins with the spacecraft approaching Mars and fades into a flashback sequence showing early testing, then chronologically moves towards the July 4th Landing Day.
Site: Audience: Gen. Edu. Resource
Client: Brian Muirhead
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/01/98 - 0:17:00 Producer: John Beck

AVC-1998-102-1/2 **The Pathfinders (9 minute version)**
A dramatic look at the Mars Pathfinder Mission as told by its team members. This 9 minute version of the full length Pathfinder documentary gives a brief summary of the history which lead to the July 4th Landing Day.
Site: Audience: Gen. Edu. Resource
Client: Brian Muirhead
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
04/01/98 - 0:09:00 Producer: John Beck

AVC-1998-102-1/3 **The Pathfinders (3 minute version)**
A dramatic look at the Mars Pathfinder Mission as told by its team members. This 3 minute version of the full length Pathfinder documentary gives a

brief summary of the history which lead to the
July 4th Landing Day.
Site: Audience: Gen. Edu. Resource
Client: Brian Muirhead
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/01/98 - 0:03:15 Producer: John Beck

AVC-1998-103-1/1 **MGS Images of Cydonia Taken 4/05/98**
One unprocessed and one processed image of the
Cydonia, or "face" region of Mars, taken by Mars
Global Surveyor 4/5/98.
Site: JPL Audience: News Resource
Client: S. Zeluck/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/06/98 - 0:01:50 Producer: JPL MIPL

AVC-1998-104-1/1 **Mars Global Surveyor - Mars Orbit Insertion**
Animation
An animation of the orbit insertion maneuver of
the Mars Global Surveyor spacecraft.
Site: Audience: JPL Resource
Client: John Callas, Org. 3231
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Silent 2: Silent
04/14/98 - 0:02:14 Producer: Callas

AVC-1998-106-1/1 **Star HR-4796 - Video File for NASA-TV**
Interview with Dr. Michael Werner, Sr. Research
Scientist, JPL, discussing the discovery of
planetary forming material around the star HR
4796. B-roll footage of the Keck II Observatory in
Hawaii. Animation depicting the formation of a
solar system and images of HR 4796 taken by Keck.
Site: JPL Audience: News Resource
Client: S.Chavez/ MRO /NASA
Master: Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/17/98 - 0:09:32 Producer: Chavez

AVC-1998-109-1/1 **DS3-Separated Spacecraft Interferometer**
A production depicting an experiment with formation flying spacecraft and interferometry. DS3 is an experimental mission of the New Millennium Program.
Site: Audience: Gen.
Client: Suzanne D'Mello
Master: 1"C Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/27/98 - 0:03:52 Producer: Semerano

AVC-1998-117-1/1 **Space Science Update: Cosmic Fireworks**
Recorded off NASA T.V.
Site: NASA HQ Audience: Tech. NASA Resource
Client: Jurrie/MRO, Org. 1810
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/06/98 - 1:03:00 Producer: Ziats

AVC-1998-120-1/1 **Outside the Envelope - Exploring Beyond Earth's** Boundaries
Fairfax Network production involving Scientist from JPL and JSC discussing space exploration with past present and future technologies. Produced in cooperation of the Galileo Project Outreach Office.
Site: Off Satellite Audience: Gen. Edu.
Client: Leslie Lowes
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/20/98 - 1:00:00 Producer: Bridges (JPL)

AVC-1998-121-1/1 **Europa: Another Water World**
A discussion on the possibility of life under Europa's crust. Live broadcast from Caltech's Beckman Auditorium. Panel includes Dr. Richard Terrile, Ms. Joan Horvath, Dr. John Delaney and Jim Klamaszewski. Special televised remarks from Sir Arthur C. Clarke. Moderated by Leslie Lowes.
Site: Caltech Audience: Gen.
Client: Leslie Lowes, Org. 9500
Master: BCAMsp Stored: 186-B10 Submaster: sVHS
Audio 1: Mono mix 2: Mono mix
05/21/98 - 1:30:00 Producer: Hanchett/Borst

AVC-1998-125-1/1 **Space Science Update - Runaway Planet**
Science Briefing at NASA-HQ regarding Planet TMR-1C in the Constellation Taurus that has been expelled from the system. Panelists are Dr. Susan Terebey Extrasolar Research Corp.; Dr. Alan Boss Carnegie Institution of Washington; Dr. Ed Weiler Dir NASA Origins Program; Dr. Steve Strom Univ. of Mass. Amherst; and Dr. Anne Kinney Space Telescope Science Institute.
Site: NASA HQ Audience: News Resource
Client: Jane Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/28/98 - 1:17:50 Producer: Hanchett

AVC-1998-128-1/1 **Seawinds on QuikSCAT - Video File**
Pre launch milestone: Seawinds/QuikSCAT shipped to Ball Aerospace, Boulder Co.
1. Animation
2. Jim Graf Interview
3. S/C in SAF at JPL
Site: JPL Audience: News Resource
Client: Jim Graf/JPL, Org. 7830
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/02/98 - 0:11:38 Producer: Dawson

AVC-1998-129-1/1 **Asteroid Castalia Impact Simulation**
Animation shows the target asteroid (Castalia) breaking into pieces as a result of the collision. The originally solid rock is colored red when it is fractured, so red lines are actual cracks spreading through the target. White dots show impactor material, which is ejected from the scene at high speed. 1/10 of the target asteroid is also ejected at escape velocity by the collision, and never comes back. The whole simulation lasts a little more than one second. In the aftermath, the fragments will move apart, and eventually reassemble to form a "rubble pile" body with 9/10 the original mass.
"Target": The peanut-shaped Earth-crossing asteroid Castalia, one mile (1.6 kilometers) across, modeled as a single solid rock. It weighs 1.2 billion tons.
"Impactor": 16 meters (50 feet)across,

modeled as a single rock. The size of a large
house. It weighs 6000 tons.
Collision Speed: 5 kilometers/second, more
than ten times faster than a rifle bullet. This
speed is typical for collisions between asteroids.
The energy of a collision is equal to half
the impactor mass, times the square of its speed.
The energy of the impact is equivalent to a 17
kiloton explosion.
Site: DIAL LAB/JPL Audience: Tech. JPL
Client: Eric DeJong, Org. 3233
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/03/98 - 0:02:00 Producer: DIAL LAB

AVC-1998-130-1/1 **Vehicle Early Warning Safety System - Video File**
B-roll of Jim Davidson describing system using
model along with supporting cutaways
Interview with Conrad Foster
Interview with Jim Davidson
B-roll of real system at intersection in operation
Site: Audience: News Resource
Client: PIO/Dawson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/10/98 - 0:09:28 Producer: Parrillo/Savona

AVC-1998-133-1/1 **Fuk Li Interview Airborne Cloud Radar - Video File**
Interview with Dr. Fuk Li, PI on JPL's Airborne
Cloud Radar Experiment.
"B" roll- Time Lapse study of clouds.
Site: Audience: News Resource
Client: Video File
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/11/98 - 0:11:15 Producer: Mary Hardin

AVC-1998-138-1/1 **The 1997-98 El Niño: Observations from**
Topex-Poseidon
The 1997-1998 El Niño: Observations from
Topex-Poseidon Dec 3, 1996 - June 14, 1998
Site: Audience: Resource
Client: Topex-Poseidon
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/24/98 - 0:03:30 Producer: Mary Hardin

AVC-1998-140-1/1

Mars Pathfinder & Mars '98 Press Briefing Supporting Visuals
Animation Sagan Station, Animation of Sojournor path, Animation of the landing and deployment of Pathfinder, live footage of control room activity during landing.
Mars '98 animation of landing and deployment, B-roll footage of scooper operation
Site: Audience: News Resource
Client: Ainsworth/Dawson
Master: BCAMsp Stored: Vendor Submaster: BCAM
Audio 1: Mono mix 2: Mono mix
06/26/98 - 0:14:56 Producer: Savona

AVC-1998-141-1/1
VTV-766

Mars Pathfinder and Mars '98 Science Briefing
Scientists discuss the latest findings from the Pathfinder mission, one year after the Mars landing.
Presenters include: Dr. Matthew Golombek, Dr. Joy Crisp, Stephen Metzger, Dr. Diana Blaney, Dr. Richard Zurek and Moderator, David Seidel.
Site: von Kármán Aud. Audience: News Resource
Client: Media Relations
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/29/98 - 0:40:40 Producer: Savona

AVC-1998-150-1/1

Asteroid Composite Tape
Simulated Asteroid Encounter w/Earth
Near Earth Tracking - Toutas and Gaspra
Champoleon Animation
Champoleon Anchoring Tests and Spikes
Stardust Animation
Stardust Drop Test from Hot Air Balloon
Site: Audience: Resource
Client: Mary Beth Murrill
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
07/07/98 - 0:19:50 Producer: Savona

AVC-1998-151-1/1

The 1997-98 El Niño: Observations from TOPEX/Poseidon
Updated images of El Niño as imaged by TOPEX/Poseidon. Dec 3, 1996 - June 14, 1998
Site: Audience: News Resource

Client: James Lambert
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/14/98 - 0:04:08 Producer: Dawson

AVC-1998-153-1/1 **Deep Space 1 (Revised)**
A narrated description of the mission profile of the Deep Space 1 spacecraft. Included are animations showing the spacecraft leaving Earth, navigating in deep space and later flying by an asteroid and two comets.
Site: JPL Audience: JPL Resource
Client: Suzanne D'Mello
Master: 1"C Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/22/98 - 0:02:58 Producer: Semerano

AVC-1998-154-1/1 **E-VIEWS Test At JPL #2 7/15/98 - Video File**
A new traffic technology can warn motorists quickly of rapidly approaching emergency vehicles and trains. This video file depicts the second testing at JPL of the Emergency Vehicle Early Warning Safety System. System developed under JPL's Technology Affiliates Program.
Site: Audience: News Resource
Client: John Watson
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
07/24/98 - 0:04:33 Producer: Dawson

AVC-1998-155-1/1 **NSCAT Data Animation**
Graphical representation of NSCAT data for March, April and May 1998 over northern hemisphere and North America
Site: Audience: Resource
Client: Son Nghiem, Org. 334
Master: Stored: Submaster:
Audio 1: silent 2: silent
07/29/98 - 0:04:25 Producer: Hanchett

AVC-1998-160-1/1 **Mars Global Surveyor Video File**
Composite: Animation, Assembly, Launch and Images.
Site: JPL Audience: JPL News Resource
Client: Diane Ainsworth/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

08/06/98 - 0:13:53 Producer: Ainsworth

AVC-1998-166-1/1 **Monterey Bay Aquarium NASA Probe - Video File**
Video File on JPL/NASA Probe experiments at
Monterey Bay Aquarium.
Animation of Europa.
"B" Roll shot at Aquarium.
Interviews w/ Dr. Lonni Lane and Lloyd French.
Site: Audience: Resource
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/24/98 - 0:07:54 Producer: Dawson

AVC-1998-167-1/1 **Europa Comp: Myth of Europa & Experts Speak out: Another Water World?**
1. "The Myth of Europa" - Mime Artist Richard
Shope acts out the mythical story of Jupiter and
Europa.
2. "The Experts Speak Out - Europa: Another Water
World?"
Site: Audience: Gen.
Client: Leslie Lowes
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/06/98 - 0:25:00 Producer: Beck/Goldrich/Cosmic

AVC-1998-169-1/1 **JPL/FORD Neural Network Chip - Video File**
"B" Roll of chip in testing at the Ford Motor
Company. Ford car driving around with chip
installed. Interviews with Ken Marko of Ford and
Raoul Tawel and Thomas R. Hamilton of JPL.
Site: Audience: Resource
Client: Watson
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
08/26/98 - 0:10:00 Producer: Dawson

AVC-1998-170-1/1 **Phobos Temperature Variations - Video File**
New data from The Thermal Emission Spectrometer on
board NASA's Mars Global Surveyor.
Animation of MGS with Phobos
"B" roll of MGS in vacuum chamber
Interview w/Dr. Philip Christensen
New TES data images
Site: Audience: Resource

Client: Ainswerth
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/04/98 - 0:10:00 Producer: Dawson

AVC-1998-173-1/1 **SRTM Boom Deployment at AECable, Goleta, Ca. - Video File**
"B" Roll and Interviews - SRTM Antenna is deployed on August 8, 1998. SRTM Antenna deployed without box covering it, September 8, 1998.
SIR-C Animation of
Site: Audience: Resource
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
09/09/98 - 0:09:20 Producer:

AVC-1998-174-1/1 **Galileo/Jupiter New Rings Data Video File**
De Jong Animation of new Galileo Rings data
Four New Ring Data Images
"B" Roll animation of:
Jupiter rotating
Galileo S/C in flight
Galileo S/C with Jupiter in Background
Site: Audience: News Resource
Client: Platt
Master: BCAMsp Stored: Vendor Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix SRC 000117
09/14/98 - 0:07:03 Producer: Dawson

AVC-1998-175-1/1 **Cornell/JPL Galileo Press Conference**
Video teleconference, press conference originate at Cornell University with questions from JPL.
Welcome remarks by Cronell Pres. Hunter Rawlings.
Introduction of Mike Belton, NOAO.
Panelists: Maureen Ockert-Bell, Joe Burns, Joe Veverka
Site: Cornell U. Audience: Tech. NASA News Resource
Client: Media Relations, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/15/98 - 0:57:00 Producer: Platt

AVC-1998-176-1/1 **SIM - Space Interferometry Mission**
An edited program describing the Space Interferometry Mission, the world's first long baseline optical interfermeter in space. Computer

animation helps to illustrate this technique.
Site: Audience: Gen. Resource
Client: Danner/Naderi
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Stereo 2: Stereo
09/15/98 - 0:03:44 Producer: Savona

AVC-1998-178-1/1 **Asteroids & Comets Outreach Compilation**
Compilation of the best videos JPL has on the subject of Asteroids and comets.
AVC-98-150 Asteroid Composite Tape
AVC-98-129 Asteroid Castillia Impact Simulation
AVC-97-124 Comet Hale-Bopp Video File
AVC-98-034 Stardust
Site: Audience: Edu. Resource
Client: Sohus
Master: D-BCAM Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
Digital Master prepared for Anita Sohus
09/17/98 - 0:55:38 Producer: Wynne

AVC-1998-179-1/1 **Mars Pathfinder & Mars Global Surveyor Outreach Compilation**
Compilation of the best videos JPL has on the subject of Mars Pathfinder and Global Surveyor.
AVC-98-140 Mars Pathfinder & Mars '98
AVC-98-102 The Pathfinders
AVC-98-097 SSV Mars Pathfinder Collection
AVC-97-207 MPF Press Release Images
AVC-97-200 A Tribute to Mars Pathfinder Team
AVC-96-136 MPF Animation
AVC-98-160 MGS Video File
AVC-98-104 MGS Orbit Insertion Animation
AVC-98-082 MGS Centennial Orbit Animation
AVC-98-103 MGS Images of Cydonia
Site: Audience: Edu.
Client: Sohus
Master: D-BCAM Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
Digital Master prepared for Anita Sohus.
09/17/98 - 0:51:25 Producer: Wynne

AVC-1998-180-1/1 **Galileo Outreach Compilation**
Compilation of the best videos JPL has on the subject of the Galileo Mission.
AVC-98-081 Galileo Europa E12 Images

AVC-98-098 SSV Galileo Collection
AVC-98-027 Galileo Science Summary Oct 1992
AVC-97-167 Galileo/Jupiter Atmospheric Animation
AVC-97-077 Galileo Science Summary Oct 1997
AVC-97-071 Ganymede, Europa & Callisto Video File
AVC-96-258 Galileo Animation Compilation
Site: Audience: Edu.
Client: Sohus
Master: D-BCAM Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
Digital Master prepared for Anita Sohus.
09/17/98 - 1:23:04 Producer: Wynne

AVC-1998-181-1/1 **Voyager Outreach Compilation**
Compilation of the best videos JPL has on the subject of the Voyager Mission.
AVC-97-234 Voyager in F-Major
AVC-90-122 Voyager Science Summary Tape
AVC-90-095 The Grand Tour
AVC-91-060 Voyage to the Outer Planets
AVC-1989-151 Neptune Encounter Resource Tape
AVC-96-175 A Tour of the Solar System
Site: Audience: Edu.
Client: Sohus
Master: D-BCAM Stored: Vendor Submaster:
Audio 1: Mono mix 2:
Digital Master prepared for Anita Sohus.
09/17/98 - 1:08:57 Producer: Wynne

AVC-1998-182-1/1 **Von Kármán Lecture Series: Robotic Explorers - Enablers of New Discov.**
VTV-776 This talk discusses the JPL robotic technology development program, which enables sample selection and sample return to Earth from Mars and small bodies such as comets and asteroids.
Site: von Kármán Aud. Audience: Gen. Edu.
Client: Eric Hayne
Master: BCAMsp Stored: 186-B10 Submaster: VHS
Audio 1: Mono mix 2: Mono mix
09/17/98 - 1:06:13 Producer: Greg Parrillo

AVC-1998-185-1/1 **Deep Space 1(DS1) Press Briefing**
DS1 briefing from NASA HQ covering mission overview and technology objectives.
Participants:
Dr. Wes Huntress, NASA

David Lehman, DS1 Project Mgr., JPL
Dr. Marc Rayman, Chief Mission Eng., JPL
John Stocky, Ion Propulsion Mgr., JPL
Dr. Barbara Wilson, New Millennium Prog. Techn., JPL.
Site: NASA-HQ Audience: JPL News Resource
Client: PIO/DS-1
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
09/22/98 - 1:19:30 Producer: NASA HQ

AVC-1998-197-1/1 **Mars Global Surveyor Mars Orbiter Camera Update Video File**
Four still images and the same images animated.
Site: Audience: Resource
Client: Diane Ainsworth
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/13/98 - 0:01:30 Producer: Dawson

AVC-1998-198-1/1 **Stardust: Mr. NASA's Wild Ride to a Comet**
Dr. Ken Atkinson gives overview of Stardust mission.
Site: von Kármán Audience: Gen.
Client: JPL PAO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/15/98 - 1:20:00 Producer: John Beck

AVC-1998-199-1/1 **Galileo/Ocean Under Calisto Video File**
Interview with Dr. Margaret Kivelson at UCLA.
"B" Roll image of Colisto.
Site: Audience: Resource
Client: Jane Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/15/98 - 0:02:30 Producer: Dawson

AVC-1998-200-1/1 **Electronic Nose Video File**
"B" Roll of Electronic Nose and readout in Lab
Interview with Margaret Ryan
Site: Audience: Resource
Client: John Watson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/16/98 - 0:03:00 Producer: Dawson

AVC-1998-202-1/1
VTV-785

The Pathfinders
"The Pathfinders" is the dramatic story of the Mars Pathfinder Mission as told by its team members. This documentary includes historical footage from early tests and concepts to landing day events with images of the Martian surface.
Site: Audience: Gen. JPL NASA
Client: Brian Muirhead
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/19/98 - 0:32:30 Producer: John Beck

AVC-1998-203-1/1

DS2 Microprobe Mission to Mars
Narrated animation of the Deep Space 2 mission. The production describes how two microprobes carried aboard the Mars Polar Lander will penetrate the Martian surface, conduct experiments on the soil and then relay data back to Earth.
Site: JPL Audience: Gen. Edu. Resource
Client: Suzanne D'Mello
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/18/98 - 0:03:13 Producer: Semerano

AVC-1998-205-1/1

NASA on the Cutting Edge-Oceans in Motion & Color of Oceans
Two educational shows hosted by Kate Ferrall of NASA-TV. Show 1 has Dr. William Patzert of JPL discussing ocean currents & El Niño. Show 2 has Dr. Gene Feldman of GSFC discussing colors of oceans around the world.
Site: NASA-HQ Audience: Edu.
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
Two educational shows broadcast on 10/21 & 10/22
10/21/98 - 1:00:00 Producer: Kate Ferrall

AVC-1998-206-1/1

Deep Space 1 Pre-Launch Press Conference
L-1 Pre-Launch Briefing on weather, mission and spacecraft status.
Dr. Marc Rayman-Chief Mission Engineer JPL; Rich Murphy-Dir. of Launch sites Boeing; Ray Lugo-NASA Launch Manager KSC; Bruce Milam-Launch Services Manager GSFC; Leslie Livesay-Spacecraft Manager JPL; Joel Tumbiolo-Launch weather Officer.

Site: KSC Audience: Gen.
Client: PAO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/23/98 - 0:52:00 Producer: KSC

AVC-1998-207-1/2
VTV-780

Delta II/ Deep Space 1 Launch Thru Insertion
NASA Select coverage of Deep Space 1 Launch from Cape Canaveral. Tape starts at 30 minutes prior to launch at ends at T+60. Time code is locked to 'time of day' and launch occurs at 5:08 am.
Site: Cape Canaveral Audience: Gen.
Client: PAO
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
10/24/98 - 1:30:00 Producer: KSC

AVC-1998-207-2/2

NASA Select coverage of Deep Space 1 Launch
NASA Select coverage of Deep Space 1 Launch from Cape Canaveral. Tape starts at T+60 minutes and ends at T+150 minutes. Time code is locked to 'time of day'. Acquisition occurs around 6:40 am.
Site: Cape Canaveral Audience: Gen.
Client: PAO
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
10/24/98 - 1:30:00 Producer: KSC

AVC-1998-210-1/1

L.A. Under A Slow Squeeze - Video File
Video file to accompany news release that L.A. is slowing moving into the San Gabriel Mountains. Aerials, animation and "B" Roll of scientists and equipment.
Site: Audience:
Client: Mary Hardin
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
10/26/98 - 0:03:00 Producer: Dawson

AVC-1998-211-1/1

Mars Global Surveyor Images - Video File
Still images of Lava Flows in the Elysium Basin and Active Sand Dunes in the North Pole region. Interview: Frank Palluconi, MGS Deputy Project Scientist.
Site: Audience: Resource
Client: Diane Ainsworth

Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/27/98 - 0:05:14 Producer: Dawson

AVC-1998-212-1/1 **Cassini - Huygens Mission to Saturn and Titan**
A production that describes Cassini's journey to Saturn--its ring system and large moon Titan. The program features key events that will happen during Cassini's eleven year journey.
Site: JPL Audience: Gen.
Client: Peralta
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Stereo 2: Stereo
Revised 1998 Version from AVC-96-160
10/29/98 - 0:06:54 Producer: Savona

AVC-1998-213-1/1 **STS-95 Reaches Orbit - Crew Begins Mission**
The Space shuttle Discovery took off from NASA's Kennedy Space Center at 2:20 p.m. EST beginning a nine day mission with a variety of scientific objectives. Astronaut John Glenn aboard this mission.
Site: KSC Audience: NASA
Client: NASA TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/29/98 - 1:30:00 Producer: NASA TV

AVC-1998-216-1/1 **Mars Polar Lander and Deep Space 2 Video File for HQ News Update**
Animation of Mars Polar Lander
MPL arm test
MPL at KSC for final testing
Animation of Deep Space 2
Firing of probe by air cannon in New Mexico
Soldering wires on probe at JPL
Site: Audience: News Resource
Client: Ainsworth
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/05/98 - 0:11:07 Producer: Dawson

AVC-1998-217-1/1 **Mars Global Surveyor Images with Moves**
Orbit 87 Image 04 (B&W)
Orbit 80 Image 03 (B&W)
Orbit 80 Image 03 (Color)

Site: Audience: Resource
Client: Diane Ainsworth
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
11/06/98 - 0:12:00 Producer: Dawson

AVC-1998-220-1/1 **Deep Space 1 Launch ---- Short Version**
Video begins four minutes before the launch of DS-1 runs through the launch and four minutes after the launch. Edited from 90 minute version, AVC-1998-207
Site: Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/11/98 - 0:10:00 Producer:

AVC-1998-221-1/1 **Outer Planets/Solar Probe Project: Missions to Europa, Pluto & the Sun**
VTV-783 Robert L. Staehle describes three upcoming missions: Pluto-Kuiper Express, Europa Orbiter and Solar Probe with charts, graphs and pictures. Includes playback of animation video. Other topics include TMOD/X2000, Beacon Cruise mode, Avionics technology advances. Introduced by Tom Gavin.
Site: von Kármán Aud. Audience: Gen. Edu. Tech.
Client: Karpinsky
Master: BCAMsp Stored: 186-B10 Submaster: sVHS
Audio 1: Mono mix 2: Mono mix
11/11/98 - 1:06:00 Producer: Borst

AVC-1998-222-1/1 **Stardust Video File**
Stardust Animation 3:40 min
Drop Testing from hot air balloon 2:25 min
Name Microchip 30 sec
Stardust Testing at Lockheed Martin 1:47 min
Interview with Dr. Peter Tsou 2:04 min
Interview with Dr. Donald C. Brownlee
Interview with Dr. Kennith L. Atkins
Site: Audience: News Resource
Client: Mary Beth Murrill
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/12/98 - 0:16:45 Producer: Dawson

AVC-1998-223-1/1 **CMA - "Apollo: An Eyewitness Account"**
VTV-784 Accomplished painter and astronaut Alan Bean has

worked since his return to Earth 29 years ago to portray the intensity and beauty of the world he visited. In his book, "Apollo: An Eyewitness Account" he shares his paintings while offering an insider's view of the Apollo mission.
Site: von Kármán Aud Audience: Gen.
Client: Michael Eastwood
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/13/98 - 1:10:00 Producer: Savona

AVC-1998-224-1/4 **Galileo Educators Workshop**
Educators workshop for grades K-12 covering the topic of where water can be found in the solar system. Featuring speakers from Mars 98, Galileo, Lunar Prospector, with descriptions of classroom activities.
Site: von Kármán Audience: Edu.
Client: L. Lowes
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
11/13/98 - 1:02:00 Producer: Beck/Savona

AVC-1998-224-2/4 **Galileo Educators Workshop**
Educators workshop for grades K-12 covering the topic of where water can be found in the solar system. Featuring speakers from Mars 98, Galileo, Lunar Prospector, with descriptions of classroom activities.
Site: von Kármán Audience: Edu.
Client: L. Lowes
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
11/13/98 - 1:21:00 Producer: Beck/Savona

AVC-1998-224-3/4 **Galileo Educators Workshop**
Educators workshop for grades K-12 covering the topic of where water can be found in the solar system. Featuring speakers from Mars 98, Galileo, Lunar Prospector, with descriptions of classroom activities.
Site: von Kármán Audience: Edu.
Client: L. Lowes
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
11/13/98 - 1:07:00 Producer: Beck/Savona

AVC-1998-224-4/4 **Galileo Educators Workshop**
Educators workshop for grades K-12 covering the topic of where water can be found in the solar system. Featuring speakers from Mars 98, Galileo, Lunar Prospector, with descriptions of classroom activities.
Site: von Kármán Audience: Edu.
Client: L. Lowes
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
11/13/98 - 0:51:00 Producer: Beck/Savona

AVC-1998-225-1/1 **1998 Mars Missions Science Briefing from NASA-HQ**
Briefing from NASA-HQ involving Mars 98 Orbiter and Lander with Deep Space 2 Mission. Participants Dr. Carl Pilcher Science Dir. Solar System Exploration NASA; John McNamee Mars Surveyor '98 Project Manager JPL; Dr. Richard Zurek Mars Surveyor '98 Project Scientist JPL; Sarah Gavit Deep Space 2 Project Manager JPL; Dr. Bruce Jakosky Planetary Scientist Univ. of Colorado Boulder. First 12:25 is Pre-roll.
Site: NASA-HQ Audience: Gen. News Resource
Client: PAO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/13/98 - 0:58:36 Producer: Borst

AVC-1998-227-1/1 **10 Images From The Mars Orbiter Camera**
Mars Global Surveyor, Mars Orbiter Camera
KSC Video Roll Images
Images used to back up Mike Malin's presentation at KSC 12/7 through 12/10/98
Site: Audience: Resource
Client: Ainsworth
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/03/98 - 0:06:51 Producer: Dawson

AVC-1998-228-1/1 **1997-98 El Niño/La Niña update TOPEX/Poseidon**
El Niño/La Niña update images and animation of TOPEX/Poseidon.Dec. 96 through Nov. 98
Site: Audience: Resource
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster:

Audio 1: Mono mix 2: Mono mix
12/04/98 - 0:03:00 Producer: Dawson

AVC-1998-229-1/1 **Europa Fault - Simulated Flyover of Astypalaea Lines -Video File**
Eric DeJong animation
Site: Audience: Resource
Client: Jane Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/04/98 - 0:01:31 Producer: Dawson

AVC-1998-232-1/1 **Carbon Cycles on Mars, Earth & Venus: The role of a Biosphere**
This lecture discusses the considerations of land plants on their possible role in the slowing of carbon dioxide growth in the atmosphere and leading to global warming.
Speaker is William H. Schlesinger - A Professor of Botany at Duke University.
Site: von Kármán Aud. Audience: Tech.
Client: M. Chahine
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/11/98 - 1:15:00 Producer: Beck

AVC-1998-233-1/1
VTV-786 **Mars Climate Orbiter Launch Coverage**
Mars Climate Orbiter Launch Coverage via NASA-TV. Tape starts with Update at beginning and Launch at 20:36. Spectacular launch camera on first stage of rocket & replays.
Site: KSC Audience: News Resource
Client: Media Relations
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/11/98 - 1:03:00 Producer:

AVC-1998-234-1/1 **Mars Climate Orbiter Pre Launch Press Conference**
Speakers include:
Dr. Ed Weiler, Ray Lugo, Rich Murphy, Dr. John McNamee, Dr. Ed Euler, Joel Tumbiolo
Site: KSC Audience: News Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/09/98 - 0:45:42 Producer: KSC

AVC-1998-235-1/1 **Mars Global Surveyor Press Conference- "Mars Top 10 Images"**
Speakers include:
Joe Boyce, 1998 Mars Surveyor Project Scientist,
Dr. Michael Malin, MGS P.I. Mars Orbiter Camera
Site: KSC Audience: News Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/09/98 - 0:57:52 Producer: KSC

AVC-1999-001-1/1 **Mars Polar Lander Pre-Launch Press Conference**
Mars Polar Lander Pre-Launch Press Conference from Kennedy Space Center.
Dr. Ed Weiler Associate Administrator for Space Sciences NASA; Ray Lugo, NASA Launch Manager; Rich Murphy, Delta Mission Director Boeing; John McNamee, Mars 98 Proj. Manager JPL; Sarah Gavit, Deep Space 2 Project Manager JPL; Dr. Ed Euler Lockheed Martin Proj. Man.; Joel Tumbiolo, Launch Weather Officer KSC.
Site: KSC Audience: News
Client: PIO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/02/99 - 1:00:00 Producer: Borst

AVC-1999-002-1/3 **Mars Polar Lander Launch**
Satellite downlink. T-120 to T-20 min.
The Mars Polar Lander was launched on a Delta II launch vehicle from Launch Complex 17B at Cape Canaveral Air Station in Florida on January 3, 1999 at 20:21:10 UTC (15:21:10 EST).
Site: Cape Canaveral Audience: News Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/03/99 - 1:00:00 Producer: KSC

AVC-1999-002-2/3 **Mars Polar Lander Launch**
T-20 through T+40 min.
Site: Cape Canaveral Audience: News Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/03/99 - 1:00:00 Producer: KSC

AVC-1999-002-3/3 **Mars Polar Lander Launch**
Launch replays (includes a view from the first

stage) plus interview with Dave Murrow and L.A. area news coverage by CBS, NBC, ABC and KCAL.
Site: Cape Canaveral Audience: News Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/03/99 - 0:30:00 Producer: KSC

AVC-1999-004-1/1 **Stardust Video File - Update**
Artist's concepts and animation
Stardust Animation from liftoff to recovery
"B" Roll from Lockheed/Martin
"B" Roll from KSC
Interviews with Tsou and Brownlee.
Site: Audience: Resource
Client: Murrill
Master: BCAMsp Stored: 186-B10
Audio 1: Mono mix 2: Mono mix
01/08/99 - 0:22:28 Producer: Dawson

AVC-1999-005-1/1 **Stardust Mission Prelaunch Press Briefing**
Overview with:
Dr. Carl Pilcher, Science Dir., Solar System Investigations NASA-HQ;
Dr. Kenneth Atkins, Project Manager, JPL;
Joe Vellinga, Program Manager, Lockheed Martin;
Dr. Donald Brownlee, Principal Investigator, Univ. of Washington;
Dr. John Rummel, Planetary Protection Officer, NASA-HQ.
Site: NASA-HQ Audience: News Resource
Client: MRO, Org. 181
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
01/13/99 - 1:06:00 Producer: NASA

AVC-1999-006-1/1 **The Science & Politics of Climate**
Professor Freeman Dyson lectures on the importance of improving global climate models to more accurately understand and predict global climate patterns.
Site: von Kármán Audience: Gen.
Client: M. Chahine
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/13/99 - 1:07:00 Producer: John Beck

AVC-1999-008-1/1 **EMG Program Compilation for Stardust**
A series of educational programs produced by EMG on the Stardust project. Each of the four segments are shortened versions of the original 30 min. programs.
Site: Audience: Edu. News Resource
Client: Whalen
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/21/99 - 0:25:00 Producer: Beck

AVC-1999-010-1/1 **von Kármán Lecture Series: "Finding Clues to Our Cosmic Roots"**
Dr. Firouz Naderi gives lecture on the Origins program and explains the many ways in which Origins technology will be used to detect habitable planets.
Site: von Kármán Audience: Gen.
Client: E. Hayne
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/21/99 - 1:15:00 Producer: Beck

AVC-1999-014-1/1 **Hydrobot Animation - Video File**
Animation of the deployment of the Hydrobot underwater explorer as it dives beneath the ice covered ocean on Europa.
Site: Audience: Resource
Client: Jane Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/27/99 - 0:02:40 Producer: Semerano

AVC-1999-015-1/1 **FY-2000 NASA Budget Briefing**
Satellite downlink of NASA budget briefing by Dan Goldin. Originated from NASA-HQ with questions from all centers.
Site: NASA-HQ Audience: News
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/01/99 - 0:52:00 Producer: NASA-TV

AVC-1999-019-1/1 **"REACH" - Stardust Launch Video**
Short video showing edited footage of team members at work as well as Stardust animation.
Site: Audience: Gen. Resource

Client: Ken Atkins
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/05/99 - 0:04:20 Producer: Beck/Malmquist

AVC-1999-020-1/1 **Stardust L-1 Press Briefing**
Panel includes: Carl Pilcher, Ray Lugo, Rich Murphy, Ken Atkins, Joseph Vellinga, Martha Hanner, Joel Tumbiolo
Site: KSC Audience: News Resource
Client: Aimee Whalen
Master: BCAMsp Stored: Vendor Submaster: sVHS
Audio 1: Mono mix 2: Mono mix
02/05/99 - 1:01:00 Producer: NASA-TV

AVC-1999-021-1/1 **Stardust Launch (Postponement)**
T -5 minutes thru postponement and Safing of launch vehicle.
Postponement due to voltage drop in one of the C Band transmitters located on the Delta II launch vehicle.
Site: KSC Audience: News Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
Recorded live off NASA TV by Ziats
02/06/99 - 0:30:30 Producer: KSC

AVC-1999-022-1/1 **Stardust Launch Postponement Press Conference**
Panelists: Ray Lugo; Chris Walsh; Dr. Kenneth Atkins
Site: KSC Audience: News
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
Recorded from NASA TV by Ziats
02/06/99 - 0:19:08 Producer: KSC

AVC-1999-023-1/1 **Delta II/Stardust Launch from CCAFS**
VTV-793 NASA's Stardust spacecraft successfully shot into a clear blue sky atop a Delta II rocket from Florida's Cape Canaveral Air Station at 4:15 p.m. EST to become the first U.S. mission destined for a comet, and the first-ever spacecraft sent to bring a sample of a comet sample back to Earth.
Site: KSC/CCAFS Audience: News Resource
Client: Aimee Whalen
Master: BCAMsp Stored: Vendor Submaster:

Audio 1: Mono mix 2: Mono mix
HDTV version SRC-000156
02/07/99 - 1:24:00 Producer: KSC

AVC-1999-024-1/1 **Stardust Post Launch Press Conference**
Panelists: Ray Lugo; Dr Kenneth Atkins; Joe Vellinga; Dr Donald Brownlee.
Site: KSC Audience: News Resource
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
Recorded from NASA TV by Ziats
02/07/99 - 0:13:40 Producer: KSC

AVC-1999-025-1/1 **von Kármán Lecture Series: "Catching Whispers from Space"**
VTV-794 In this talk, Dr. Michael Klein, describes how the Deep Space Network provides a critical link in the exploration of the solar system since spacecraft signals are the "carriers" of scientific data and planetary images. He also talks about radio astronomy used to study quasars and black holes.
Site: von Kármán Aud. Audience: Gen.
Client: Eric Hayne, Org. 180
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/18/99 - 1:17:36 Producer: Savona

AVC-1999-027-1/1 **Electro-Active Polymer Actuators with Bar-Cohen - Video File**
"B" roll of the Nano Rover
Animation of the EAP wiper and arm action
"B" roll of the EAP's in action
Interview with Dr. Yoseph Bar-Cohen
Site: Audience: Resource
Client: Watson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/16/99 - 0:04:20 Producer: Dawson

AVC-1999-028-1/1 **Seawinds on QuikSCAT: Animation of Ocean Winds Measurement**
Expanded animation from Oct. 98.
Site: Audience: Resource
Client: Gracy
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

02/19/99 - 0:01:32 Producer: Wynne

AVC-1999-031-1/1 **WIRE Pre-Launch Press Briefing**
WIRE is Wide-Field Infrared Explorer.
Participants: Dr. Carol Lonsdale, Jim Watzin and Dr. Perry Hacking
Site: 186-Studio Audience: News
Client: Media Relations
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/23/99 - 0:30:51 Producer: Savona

AVC-1999-039-1/1 **NASA on the Cutting Edge: Small Bodies, Big Impacts - Cool Comets**
VTV-800
Comets are so cool, they're actually icy! As these cosmic snowballs approach the Sun, they turn into the beautiful celestial bodies we can see from Earth. Now, for the first time ever, a hi-tech NASA mission, Stardust, will capture comet dust samples and bring them back to Earth. The samples will give us new information about comets and help us understand the origins of our solar system.
Take a journey with NASA into space as we explore the mysteries of comets and the secrets of our distant past.
Hosted by Kate Ferral, NASA.
Site: NASA-TV Audience: Gen. Edu.
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
Program 1
Recorded by Borst
03/10/99 - 0:30:00 Producer: Kate Ferral

AVC-1999-040-1/1 **NASA on the Cutting Edge: Small Bodies, Big Impacts-Awesome Asteroids**
VTV-801
Asteroids get a lot of attention. It's no wonder - small ones continually pelt the Earth and a large one may have caused the extinction of the dinosaurs. But that's just part of their story.
Space missions to orbit and map a near-Earth asteroid for the first time will help us discover more about these "minor planets," and could reveal clues about the formation of our solar system...
Get answers to your questions about asteroids directly from the scientists keeping tabs on them.
And, see a sneak preview of NASA's exciting plans

to put a rover on an asteroid!
Hosted by Kate Ferral, NASA.
Site: NASA TV Audience: Gen. Edu.
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
Program 2
Recorded by Ziats
03/11/99 - 0:30:00 Producer: Kate Ferral

AVC-1999-043-1/1 **Mars Global Surveyor High Gain Antenna Deployment Video File**
Animation of the MGS Antenna Deployment followed by 3 recently returned images of the Martian Surface.
Site: JPL Audience: JPL Resource
Client: Mary Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
03/25/99 - 0:01:44 Producer: Semerano

AVC-1999-045-1/1 **NASA/Lakota Swap Star Knowledge -Video File**
JPL'ers Richard Shope and Rick Yessayian share their knowledge with Chief Joseph Chasing Horse of the Lakota Nation. Chief Joseph intros us to the White Buffalo Calf and the hike up the holy mountain.
Site: Audience: Resource
Client: Jane Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/29/99 - 0:14:00 Producer: Dawson

AVC-1999-051-1/1 **Mars Images MOC2-106 through 109 - Video File**
Mars Global Surveyor, Mars Orbiter Camera (MOC).
MOC2-106, Margin of Lava Flow in Daedalia Planum
MOC2-107, Ripples on Cratered Terrain North of Hesperia Planum
MOC2-108, Martian Variety Exhibited by the Olympica Fossae
MOC2-109, East Tithonium Chasma Wall, Valles Marineris
Site: Audience: Resource
Client: Hardin, Org. 182
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/07/99 - 0:03:12 Producer: Dawson

AVC-1999-052-1/1 **Deep Space 1 Space Science Update**
Participants:
Dr. Peter Ulrich, Office of Space Science, NASA HQ;
Dr. Mare Rayman, Chief Mission Eng., JPL; Dr. Bob Beattie, Chief Tech. Hughes Electron Dynamics;
Dr. Guy Man, Autonomy Technologist, JPL;
Dr. Faith Vilas, Space Scientist, JSC.
They discuss recent findings from DS-1 mission.
Site: NASA HQ Audience: News
Master: sVHS Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
04/06/99 - 0:57:00 Producer:

AVC-1999-054-1/1 **Mars Outreach Office - Mars Global Surveyor Mapping Mission**
VTV-809 In this noontime lecture Dr. Arden Albee, MGS Project Scientist presents the latest scientific data about Mars.
Q and A follows.
Site: von Kármán Aud. Audience: JPL
Client: Cathy Davis
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/09/99 - 0:52:47 Producer: Savona

AVC-1999-055-1/1 **Mars Sample Return Briefing**
VTV-812 Bill O'Neil, Mark Adler, Rob Manning, Jake Matijevic, Doug Caldwell, Stacey Weinstein and Tom Rivellini discuss proposed future Mars Surveyor launches in 2003 & 2005, also the return of Mars samples to Earth in 2008.
Site: von Kármán Aud. Audience: Tech. JPL NASA
Client: Kathy Davis
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
04/12/99 - 1:33:00 Producer: Greg Parrillo

AVC-1999-059-1/1 **von Kármán Lecture Series: "Developing Methods for Detecting Life"**
VTV-815 JPL Geologist, Pamela Conrad describes JPL's role developing methods for life detection - methods that can be used to investigate samples returned from Mars or other locations, and eventually to be used for measurements and life detection on remote places.

Site: von Kármán Aud. Audience: Gen.
Client: Eric Hayne
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/15/99 - 0:58:00 Producer: Gary Savona

AVC-1999-061-1/1 **CID - Controlled Impact Demonstration**
Crash of a 720 aircraft at Edwards Airforce Base to test AMK fuel experiments.
Various impact views - mainly interior
Photographic coverage of the test
FAA report - CID version 3/26/85
Site: Audience: Resource
Client: Dawson
Master: BCAMsp Stored: Archive Submaster:
Audio 1: Mono mix 2: Mono mix
03/26/85 - 0:37:48 Producer: Wynne

AVC-1999-062-1/1 **FIDO - Video File**
The Mars rover called FIDO -- Field Integrated Design and Operations -- tested in the Mojove Desert by scientists to help them figure out how to use the kinds of instruments the next Mars rovers will need to fetch the most scientifically interesting rocks. FIDO is designed to test the advanced technology of the Athena flight rover and science payload that will be launched as part of NASA's Mars Sample Return missions in 2003 and 2005.
Interviews with Dr. Raymond Arvidson and Dr. Eric Baumgartner.
Site: Audience: Resource
Client: Hardin
Master: BCAM Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/27/99 - 0:10:00 Producer: Beck

AVC-1999-065-1/1 **The Stardust Mission: What Will We Find?**
Stardust Mission Manager Dr. Tom Duxbury gives overview of what to expect in the upcoming Stardust/Wild-2 encounter and explains how it will return a comet sample back to Earth.
Site: von Kármán Aud. Audience: Gen. JPL
Client: SESPD
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix

05/06/99 - 0:59:00 Producer: Beck

AVC-1999-066-1/4
VTV-826

Planning the Cassini Mission Educators Workshop
Shannon McConnell discussed Jupiter Flyby Overview. Stephen Edberg discussed Cassini Mission Overview. Dr. Kevin Grazier discussed Jupiter Science Objectives. Dr. Brian Rush discussed Mission Planning. John Essmiller discussed Cassini Spacecraft.
Site: von Kármán Aud. Audience: Edu. JPL
Client: Shannon McConnell
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/07/99 - 1:09:00 Producer: Parrillo

AVC-1999-066-2/4
VTV-826

Planning the Cassini Mission Educators Workshop
Part 2 of 4
Site: von Kármán Aud. Audience: Edu. JPL
Client: Shannon McConnell
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/07/99 - 1:28:00 Producer: Parrillo

AVC-1999-066-3/4
VTV-826

Planning the Cassini Mission Educators Workshop
Part 3 of 4
Site: V.K. Aud. Audience: Edu. JPL
Client: Shannon McConnell
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/07/99 - 1:27:00 Producer: Parrillo

AVC-1999-066-4/4
VTV-826

Planning the Cassini Mission Educators Workshop
Part 4 of 4
Site: V.K. Aud. Audience: Edu. JPL
Client: Shannon McConnell
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/07/99 - 1:09:00 Producer: Parrillo

AVC-1999-067-1/1

Clouds Near Mars' North Pole - Video File
Animation of Mars Global Surveyor images of Mars' North Pole area highlighting cloud movement. Images from Malin Space Science Systems (MSSS). Images were also collected by the Hubbel Space Telescope.
Site: Audience: Resource

Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/12/99 - 0:03:30 Producer: Dawson

AVC-1999-069-1/1 **von Kármán Lecture Series: "Technologies of the Future--Today"**

VTV-827 Mike Sander says when JPL-managed missions need specific technologies and instruments to enable their science goals, they turn to JPL's Technology Applications Program, which creates new technologies at the highest level of excellence, which in turn is used by U.S. industry.
Site: von Kármán Aud. Audience: Gen.
Client: Eric Hayne
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix

05/20/99 - 1:01:56 Producer: Gary Savona

AVC-1999-073-1/1 **NASA Space Science Update - First Global 3D Views of Mars by MGS**
Results of Mars Global Surveyor Laser Altimeter. Speakers: Jim Zimbelman-Planetary Geologist Smithsonian Institute, Dr. John Grant-Office of Space Science NASA HQ, Dr. Maria Zuber-MOLA Principal Invest. MIT, Dr. David Smith-MOLA Principal Invest. NASA GSFC.
Site: Audience: News Resource
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
05/27/99 - 0:49:12 Producer:

AVC-1999-075-1/1 **MOLA Animation - Global 3D Views of Mars by MGS**
Animation only taken from AVC-1999-073 "NASA Space Science Update - First Global 3D Views of Mars". Data from Mars Global Surveyor (MGS).
Site: Audience: Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/27/99 - 0:08:00 Producer: Borst

AVC-1999-076-1/1 **NCI Workshop Opening Remarks by Dan Goldin**
NASA Director Dan Goldin opening remarks at the NASA/ National Cancer Institute Workshop at the Pasadena, Ca. Double Tree Hotel on June 2, 1999.

Site: Audience: Resource
Client: Ray Costello, Org. NASA
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/02/99 - 0:35:00 Producer: Beck

AVC-1999-079-1/1 **QuikSCAT Pre-launch - NASA TV Video File**
Animation of QuikSCAT S/C
Animation of Spinning Earth with Data
"B" Roll at Ball Aerospace
Interview with Jim Graf
Interview with Dr. Michael Frelich
Site: Audience: News Resource
Client: Ainsworth
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
06/16/99 - 0:08:00 Producer: NASA TV

AVC-1999-082-1/2 **QuikSCAT Launch**
NASA TV launch coverage from Vandenburg AFB.
Start of Program through L-10 Minutes.
Site: Vandenburg Audience: Tech. JPL Resource
Client: Media Relations, Org. 1810
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
06/19/99 - 1:33:00 Producer: Ziats

AVC-1999-082-2/2 **QuikSCAT Launch**
NASA TV launch coverage from Vandenburg AFB.
Launch at 10:40 sec. into tape.
includes Post Seperation Conference
Site: Vandenburg Audience: Tech. JPL Resource
Client: Media Relations, Org. 1810
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
06/19/99 - 0:46:00 Producer: Ziats

AVC-1999-086-1/1 **Cassini Flyby of Venus and Saturn - Video File**
Animation of Cassini flying by Venus (1st and 2nd fly bys of Venus) and fly by of Saturn, S/C and then S/C with Huygens' Probe.
Site: Audience: Resource
Client: Mary Beth Murrill
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/22/99 - 0:02:59 Producer: Savona

AVC-1999-087-1/1 **QuikSCAT L-1 Press Conference**
NASA-TV Downlink of Launch minus one day press conference originated from Vandenberg AFB.
Participants:
Bruce Buckingham, NASA PAO, KSC;
Lt. Col. Joe Hogler, USAF Titan II Launch Dir.;
Ray Lugo, NASA Mission Dir, KSC;
James Graf, QuikSCAT Proj. Manager;
Capt. Eric Barella, USAF Launch Weather Officer.
Site: Audience: News Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/21/99 - 0:18:00 Producer: NASA TV

AVC-1999-089-1/1 **MGS Images of Mars 6/23/99 - Video File**
Animations of latest images from Malin Space Science Systems (MSSS) of Mars.
Mars Orbiter Camera (MOC) on Mars Global Surveyor
MOC2-135, From Mars with Love
MOC2-131, A Martian "Monument Valley"--Mesas on the Elysium Plains
MOC2-136, Utopia Cracks
MOC2-134, COLOR: Regional View of the Tharsis Volcanoes
MOC2-133, North Nilosyrtis Mensae
MOC2-132, Big, Dark Dunes Northeast of Syrtis Major
Site: Audience: Resource
Client: Mary Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/23/99 - 0:04:21 Producer: Dawson

AVC-1999-090-1/2 **Cassini Revisits Venus**
VTV-831
A Conference for Educators on the discovery of Venus as Cassini-huygens makes its second and final visit to Earth's clouded twin planet.
Site: von Kármán Aud. Audience: Edu. JPL
Client: McConnell
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/24/99 - 1:15:00 Producer: Greg Parrillo

AVC-1999-090-2/2 **Cassini Revisits Venus**

VTV-831 A Conference for Educators on the discovery of Venus as Cassini-Huygens makes its second and final visit to Earth's clouded twin planet.
Site: von Kármán Aud. Audience: Edu. JPL
Client: McConnell
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/24/99 - 1:19:00 Producer: Greg Parrillo

AVC-1999-091-1/1 **QuikSCAT Launch - Short Version**
From T-1:00 Min. through 2nd stage engine separation.
Site: Audience: Gen. Edu. JPL Resource
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/19/99 - 0:07:32 Producer: Ziats

AVC-1999-092-1/1 **Mars Global Surveyor Images 6/30/99 - Video File**
Images from Malin Space Science Systems (MSSS) of Mars. Mars Orbiter Camera (MOC) on Mars Global Surveyor (MGS).
MGS MOC2-137b, MOC2-138b, Providing Clues For Future Landing Site Selection.
Also a 3D Image Images of Nepenthes Mensae and Amenthes Rupes.
Site: Audience: Resource
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/29/99 - 0:02:26 Producer:

AVC-1999-094-1/1 **Mars Global Surveyor MOC Images - 7/9/99 - Video File**
Images from Malin Space Science Systems (MSSS) of Mars. Mars Orbiter Camera (MOC) on Mars Global Surveyor (MGS)
Giant Martian Dust Devils
Geological Features Defy Conventions
New Cydonia Pictures
Site: Audience: Resource
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/09/99 - 0:03:10 Producer: Dawson

AVC-1999-101-1/2 **von Kármán Lecture Series: "Mapping Earth in 3-D"**

VTV-833

SRTM Project Scientist, Dr. Michael Kobrick gives a lively inspired talk on the Shuttle Radar Topography Mission (SRTM) which will map 80% of the Earth's surface.
Q and A follows the presentation.
Site: von Kármán Aud. Audience: Gen.
Client: Heather Snively
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
TRT - 01:58:25
07/15/99 - 1:30:25 Producer: Gary Savona

AVC-1999-101-2/2

von Kármán Lecture Series: "Mapping Earth in 3-D"
Part 2 of 2
07/15/99 - 0:28:00 Producer: Gary Savona

AVC-1999-105-1/1

Fast Spinning Asteroid 1998 KY26 - Video FIle
Animation of three (3) still frames of asteroid 1998 KY26. Asteroid nicknamed "Fast Spinning".
Site: Audience: Resource
Client: Ainsworth
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
07/22/99 - 0:00:30 Producer: Beck

AVC-1999-110-1/1

JPL Infrared Camera & "Corpse Flower" - Video File
Site:Huntington Lib. Audience: Gen.
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/02/99 - 0:04:00 Producer: Beck

AVC-1999-111-1/1
VTV-834

Deep Space 1 Space Science Update
In this press briefing, scientists explain the latest findings from Deep Space 1's encounter with asteroid, Braille. Presenters include: Marc Rayman, Robert Nelson, Larry Soderblom and Eileen Ryan.
Playback of supporting visuals follow briefing.
Site:von Kármán Aud. Audience: News
Client: PAO
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
TRT - 46:51 this includes supporting visuals
08/03/99 - 0:42:21 Producer: Savona

AVC-1999-114-1/1

First Data Comes In From SeaWinds on QuikScat - Video File

Interviews with Dr. Timothy Liu and Jim Graf
Site: Audience: Resource
Client: Ainsworth
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/05/99 - 0:10:00 Producer: Beck

AVC-1999-116-1/1 **Underwater Volcanic Vent Mission Project - Video File**
Testing of new underwater equipment at the
Monterey Bay Kelp Tank.
Master: Stored: Submaster:
Audio 1: Mono mix 2: Mono mix
08/04/99 - 0:07:45 Producer: Dawson/Beck

AVC-1999-117-1/1 **Mars: An Active Planet Today? - Video File**
VTV-835 Mars Global Surveyor
Mars Orbiter Camera (MOC) animations of data.
Martian Weather and Surface Changes
Dunes, Frost, Winds, Dust Devils, Clouds, Storms
and Climate
Site: Audience: NASA
Client: Malin Space Science
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Silent 2: Silent
08/10/99 - 0:11:23 Producer: Eric DeJong

AVC-1999-121-1/1 **Cassini/Huygens - Video File**
Contains Cassini Venus/Earth/Jupiter flyby
animation, Cassini launch footage, Huygens Probe
decent in Titan.
Site: Audience: News
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
08/11/99 - 0:10:30 Producer: Beck/Murrill

AVC-1999-125-1/6 **"Earth's A Planet Too"--A Conference for Educators**
A Teacher's Conference, held in von Kármán
auditorium, introduced by Shannon McConnell,
Cassini Program Outreach. Dr. Miner, Cassini
Science Advisor, gives an overview of the
Cassini-Huygens Mission. Dr. Smith, Cassini MAG
Team, follows with a talk about Magnetospheres.
Site:JPL Audience: Gen. Edu. Resource
Client: Shannon McConnell
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix

08/17/99 - 1:24:00 Producer: Semerano

AVC-1999-125-2/6 **"Earth's A Planet Too"--A Conference for Educators**
A teachers conference, held in von Kármán Auditorium, introduced by Shannon McConnell, Cassini Program Outreach. Stephen Edberg's talk is entitled, "Cow Magnet Planet" which is followed by a presentation by Annie Richardson, SRTM Outreach, focusing on the Shuttle Topography Mission.
Site:JPL Audience: Gen. Edu. Resource
Client: Shannon McConnell
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
08/17/99 - 0:58:00 Producer: Semerano

AVC-1999-125-3/6 **"Earth's A Planet Too"--A Conference for Educators**
A teachers conference, held in von Kármán Auditorium, introduced by Shannon McConnell, Cassini Program Outreach. Tom Nolan of Earth Science Outreach gives a talk about Oceanography from Space. The talk is followed by Steve Edberg and Shannon McConnell dicussing Educational Activities.
Site:JPL Audience: Gen. Edu. Resource
Client: Shannon McConnell
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
08/17/99 - 1:33:00 Producer: Parrillo

AVC-1999-125-4/6 **"Earth's A Planet Too"--A Conference for Educators**
A teachers conference, held in von Kármán Auditorium, introduced by Shannon McConnell, Cassini Program Outreach. Steve Edberg and Shannon McConnel discuss Educational Activities. Jeff Plaut gives a talk about Geology from Space.
Site:JPL Audience: Gen. Edu. Resource
Client: Shannon McConnell
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
08/17/99 - 0:08:00 Producer: Parrillo

AVC-1999-125-5/6 **"Earth's A Planet Too"--A Conference for Educators**
A teachers conference, held in von Kármán Auditorium, introduced by Shannon McConnell, Cassini Program Outreach. Shannon gives a talk about geography lessons when using Radar data.

Steve Edberg & Shannon show how to do "Topography in a box". Dr. Bonnie Buratti disusses The Moon.
Site:JPL Audience: Gen. Edu. Resource
Client: Shannon McConnell
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
08/17/99 - 1:33:00 Producer: Parrillo

AVC-1999-125-6/6 **"Earth's A Planet Too"--A Conference for Educators**
A teachers conference, held in von Kármán Auditorium, introduced by Shannon McConnell, Cassini Program Outreach. Dr. Richard Zurek discusses Atmospheric Studies. This is a continuation of his talk from part 5 of the tapings.
Site:JPL Audience: Gen. Edu. Resource
Client: Shannon McConnell
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
08/17/99 - 0:08:00 Producer: Parrillo

AVC-1999-127-1/1 **MOC Images 165 and 173a&b - Video File**
Animation of MOC images 165 and 173b, still images of MOC 165 and 173a.
Images of Spring on Mars and Bolders and Slopes in a crater in Aeolis.
Site: Audience: Resource
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/19/99 - 0:02:30 Producer: Dawson

AVC-1999-128-1/2 **Cassini Friends & Family**
Cassini-Huygens Earth Swing-By. Family & Friends share in the excitement of the Cassini Spacecraft as it swings by Earth. This is the last time that Cassini will fly by the earth before it approaches Saturn.
Site:von Kármán Aud. Audience: JPL NASA
Client: Fernando Peralta
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
TRT 2:24:00
08/17/99 - 1:20:00 Producer: Parrillo

AVC-1999-128-2/2 **Cassini Friends & Family**

Part 2 of 2
Site:von Kármán Aud. Audience: JPL NASA
Client: Fernando Peralta
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
TRT 2:24:00
08/17/99 - 1:04:00 Producer: Parrillo

AVC-1999-129-1/1 **Deep Space 1 - Video File**
Animation of S/C passing asteroid and interviews
with Marc Rayman and Robert Nelson.
Site: Audience: Resource
Client:
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
08/03/99 - 0:05:00 Producer:

AVC-1999-131-1/1 **Space Science Update - Mars Polar Lander Landing Site Selection**
Presenters: Dr. Richard Zurek, Proj. Scientist (JPL)
Joe Boyce, Mars Surv. 98 Prog. Scientist (NASA HQ)
Dr. Sam Thurman, Mission Mgr., (JPL)
Dr. Suzanne Smrekar, Deep Space 2 Proj. Scientist
(JPL)
Site:NASA HQ Audience: Edu. Tech. NASA
Client: Media Relations, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/25/99 - 0:50:00 Producer: NASA HQ (Borst)

AVC-1999-132-1/1 **Exploration Technology Rover - FIDO**
A yearly update of the activities and tests of
the Field Integration, Design, and Operations
rover known as FIDO.
Site:Silver Lake, CA Audience: Tech.
Client: Dr. Eric Baumgartner, Org. 354
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Stereo 2: Stereo
08/28/99 - 0:07:46 Producer: Savona

AVC-1999-133-1/1 **Welcome to Outer Space - 1999 single-screen version**
VTV-428
Single screen version of the three-screen
video presentation shown in von Kármán Auditorium.
"Welcome to Outer Space", gives a fast-paced
overview of the history of JPL, current missions
and what the future may hold. Narrated by Jodie

Foster.
Site:JPL Audience: Gen. Edu. JPL News Resource
Client: Steve Bridges, Org. 182
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Stereo mix 2: Stereo mix
08/26/99 - 0:19:50 Producer: Semerano/Savona

AVC-1999-134-1/1 **The '97-'99 El Nino/La Nina, Topex/Poseidon Animations**
Animated images from the TOPEX/Poseidon satellite altimeter covering the El Nino/La Nina period.
Animation covers Dec 3 '96 - June 18 '99.
Site: Audience: Gen. Resource
Client: Lee Fu, Org. 3237
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/29/99 - 0:02:25 Producer: Jim Lambert

AVC-1999-136-1/1 **SeaWinds Video File**
SeaWinds data collection b-roll and interview with Dr. David Long.
Site: Audience: Gen. NASA News Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/30/99 - 0:07:30 Producer: Chavez

AVC-1999-142-1/1 **von Kármán Lecture Series: "Twenty Years of Discovering Jupiter"**
VTV-841 This year, 1999, marks the 20th anniversary of the Voyager flybys of Jupiter and the 10th anniversary of Galileo's deployment from the Shuttle Atlantis. Speakers include: Jim Erickson, William O'Neil, Dr. Ed Stone, Dr. Torrence Johnson and Dr. Andy Ingersoll; and David Seidel moderates.
Site:von Kármán Aud. Audience: Gen.
Client: Eric Hayne
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/16/99 - 1:14:58 Producer: Savona

AVC-1999-144-1/1 **Mars Climate Orbiter - Video File**
Animation of MCO and Mars Polar Lander
Launch of MCO
"B" Roll of MCO at Kennedy
Interview with Dr. Richard Zurek

Interview with Dr. Sam Thurman
Site: Audience: Resource
Client: Mary Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/17/99 - 0:16:01 Producer: Savona

AVC-1999-145-1/1 **Mars Global Surveyor - Mars Orbiter Camera Images 9/21/99 -Video File**
Still and animated images from the MGS and MOC camera system of the Lasswitz Crater area from both 1997 and 1999.
Still and animation of an image of the Mysterious Martian Mountains of Mitchel
Site: Audience: Resource
Client: Mary Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/21/99 - 0:06:00 Producer: Dawson

AVC-1999-147-1/2 **Mars Climate Orbiter - Orbit Insertion Event**
Live feed from bldg. 264-MSA & Lockheed Martin in Denver. Commentary from David Seidel.
Site:JPL-264-MSA Audience:
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/23/99 - 1:00:00 Producer: Beck

AVC-1999-147-2/2 **Mars Climate Orbiter - Orbit Insertion Event**
Live feed from bldg. 264-MSA & Lockheed Martin in Denver. Commentary from David Seidel.
Note: MCO failed to achieve orbit.
Site:JPL-264-MSA Audience:
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/23/99 - 0:20:00 Producer: Beck

AVC-1999-148-1/1 **Mars Climate Orbiter Post-Arrival Briefing**
Frank O'Donnell - Moderator
Panel includes:
Dr. Carl Pilcher-Science Dir., Solar System Exploration, NASA HQ
Richard Cook-Project MGR. Mars Surveyor Oper., JPL
Dr. John McNamee-Mars '98 Development Mgr., JPL

Site:von Kármán Audience: Gen. News
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/23/99 - 0:42:05 Producer: Beck

AVC-1999-150-1/1 **MGS MOC Release No. MOC2-179, 27 Sept. 1999 - Video File**
Wide angle view of Arsia Mons Volcano on Mars. Static image and then an animated zoom in and zoom out of Volcano.
Site: Audience: Resource
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/24/99 - 0:02:30 Producer: Dawson

AVC-1999-151-1/1 **Sulfuric Acid On Europa - Video File**
Image of Europa taken by the near infrared mapping spectrometer on NASA's Galileo Spacecraft.
Site: Audience: Gen. JPL NASA
Client: Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/28/99 - 0:04:00 Producer: Parrillo

AVC-1999-156-1/1 **Galileo Flyby of Io - Video File**
Galileo Flyby of Io, Orbit 1-24 animation
3 still photos of Io
Highlights of the Galileo Mission in animation and real images
Site: Audience: News Resource
Client: Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/06/99 - 0:10:00 Producer: Semerano

AVC-1999-161-1/1 **MGS MOC Release #MOC2-185 - Video File**
Mars images: MOC2-185 18 October 1999, The Terrain of Margaritifer Chaos. Jumbled and broken terrain known as chaotic terrain.
Site: Audience: News
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/08/99 - 0:01:15 Producer: Dawson

AVC-1999-164-1/1 **MGS MOC Release #MOC2-186 - Video File**
Mars images from Mars Global Surveyor
Possible Rootless Cones or Pseudocraters on Mars.
MGS MOC Release No. MOC2-186, 22 October 1999.
Small cone-shaped structures on lava flows in
southern Elysium Planitia and in the northern
hemisphere of the red planet Mars.
Site: Audience: News
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/18/99 - 0:01:15 Producer: Dawson

AVC-1999-165-1/1 **The 1997-1999 El Nino/La Nina - Video File**
Observation from Topex/Poseidon.
Dec. 3, 1996 thru June 18, 1999.
Site: Audience:
Client: Ainsworth
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/29/99 - 0:02:25 Producer: Parrillo

AVC-1999-166-1/1 **Planetary Dexterous Manipulators FY'99**
A summary of accomplishments of the PDM task in
fiscal year 1999 - 6:24
An unedited segment on autonomous multiple sample
acquisition - 9:38
Site:JPL Audience: Tech. JPL
Client: Hari Das, Org. 345
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
TRT - 16:13
10/28/99 - 0:16:13 Producer: Savona

AVC-1999-169-1/1 **MGS/MOC Solar Eclipse on Mars - Video File**
The shadow of the Martian moon, Phobos. Three
color filter images of the shadow of Phobos as it
crosses between the Sun and Mars.
Site: Audience: News
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/01/99 - 0:02:00 Producer: Dawson

AVC-1999-170-1/1 **Hawaiian-Style Volcanic Features on Io - Video File**

New Galileo images of the Prometheus volcano on
Jupiter's IO reveal two hot spots and a volcanic
caldera seven times larger than Kilauea.
NIMA infrared images of the caldera
Site: Audience: News Resource
Client: Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/02/99 - 0:02:00 Producer: Dawson

AVC-1999-171-1/5 **"Light, Waves and Interference" Teachers Workshop**
Live Webcast. Introduced by Rhonda Hines.
Topics presented by Rudi Danner, Paul Rosen and
Steve Edberg.
Site: Audience: Edu.
Client: Rhonda Hines
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
10/29/99 - 1:33:00 Producer: Semerano/Savona

AVC-1999-171-2/5 **"Light, Waves and Interference" Teachers Workshop**
Live Webcast with Steve Edberg.
Site: Audience: Edu.
Client: Rhonda Hines
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
10/29/99 - 0:03:00 Producer: Semerano/Savona

AVC-1999-171-3/5 **"Light, Waves and Interference" Teachers Workshop**
Live Webcast. Topics presented by Steve Edberg
and Rudi Danner.
Site: Audience: Edu.
Client: Rhonda Hines
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
10/29/99 - 1:30:00 Producer: Semerano/Savona

AVC-1999-171-4/5 **"Light, Waves and Interference" Teachers Workshop**
Live Webcast. Topics presented by Gerard Van
Belle and Mike Klein.
Site: Audience: Edu.
Client: Rhonda Hines
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
10/29/99 - 1:11:00 Producer: Semerano/Savona

AVC-1999-171-5/5 **"Light, Waves and Interference" Teachers Workshop**
Live Webcast. Topics presented by Annie Richardson and Steve Edberg.
Site: Audience: Edu.
Client: Rhonda Hines
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
10/29/99 - 1:10:00 Producer: Semerano/Savona

AVC-1999-173-1/1 **MGS/MOC Image # MOC2-188, 8 November 1999 - Video File**
Mars images: Close up view of giant impact crater...three times the size of the earth's well known Meteor Crater in Arizona.
Site: Audience: News Resource
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/08/99 - 0:01:00 Producer: Dawson

AVC-1999-175-1/1
VTV-846 **Mars Climate Orbiter Investigation Board News Briefing**
Board Chairman Art Stephenson, Director of the Marshall Space Flight Center, Dr. Ed Weiler and Dr. Stone participated in the news conference.
Site:NASA HQ Audience: Edu. Tech. NASA
Client: NASA HQ, Org. NASA
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/10/99 - 1:07:17 Producer: NASA HQ

AVC-1999-176-1/1 **Mars Polar Lander and Deep Space 2 Composite - Video File**
Composite tape includes elements from:
AVC-1998-112 Mars: The Past as Prolog
AVC-1999-075 MOLA Animation - 3D Views of Mars
AVC-1999-133 Welcome to Outer Space
AVC-1999-002 Mars Polar Lander Launch
AVC-1997-168 Mars Surveyor '98 Animation
AVC-1998-203 DS2 Microprobe Mission to Mars
AVC-1998-216 Mars Polar Lander and Deep Space 2
AVC-1999-131 SSU-Mars Polar Lander Landing Site Selection
Site: Audience: Resource
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix

11/10/99 - 0:40:00 Producer: Dawson

AVC-1999-178-1/1 **MGS/MOC Image of Antartic-Style Polygons**
Mars image released 11/15/99 show a terrain south of Hellas that is covered with antiartic-style polygons. Indicating ground ice in the near subsurface.
Site: Audience: News Resource
Client: Hardin / Dawson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/12/99 - 0:01:00 Producer:

AVC-1999-182-1/1 **NASA TERRA Pre-Launch Briefing**
Briefing describing upcoming TERRA launch from Vandenberg AFB. Includes animations covering spacecraft activities and science. Dr. Ghassem Asrar-Assoc. Admin. Office of Space Science; Dr. Michael King-EOS Sr. Proj Scientist; Kevin Grady-TERRa Proj. Man.; Dr. Yoram Kaufman-TERRA Proj Scientist; Dolly Perkins Dep. Assoc. Dir. EOS Operations.
Site:NASA-HQ Audience: Tech.
Client: FOD, Org. 182
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/23/99 - 0:58:00 Producer: Borst

AVC-1999-183-1/1 **MGS/MOC Layers of the South Polar Layered Deposits - Video File**
Mars images: MGS/MOC Release No. MOC2-190, 22 November 1999.
Images of the "South Polar Layered Deposits" on which the Mars Polar Lander will touch down on December 3, 1999.
Site: Audience: News Resource
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/23/99 - 0:01:10 Producer: Dawson

AVC-1999-184-1/1 **Mars Polar Lander & Deep Space 2 Mission Overview Briefing, 12:00 Noon**
Includes an overview of mission activities; technology of Mars Polar Lander and Deep Space 2; and an initial status report from trajectory

correction #4, which is scheduled to have taken
place at 10 a.m.
Presenters: Richard Cook, Mars Polar Lander
Project Manager (Operations), JPL
Dr. John McNamee, Mars Polar Lander Project
Manager (Development), JPL
Dr. Sam Thurman, Mars Polar Lander Flight
Operations Manager, JPL
Sarah Gavit, Deep Space 2 Project Manager, JPL
Site:JPL/von Kármán Audience: JPL News
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/30/19 - 0:59:00 Producer: Savona

AVC-1999-185-1/1 **"Mars: the Mysterious Red Planet" -Background Briefing, 12/01/99**
Dr. Dan McCleese, Chief Scientist of JPL's Mars
Exploration Prog., describes before a live
audience, why and how we persist in our most
ambitious and difficult space adventure: to
explore the mysteries of Mars.
Site:JPL/von Kármán Audience: Tech. JPL
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/01/19 - 0:27:35 Producer: John Beck

AVC-1999-186-1/1 **Mars Polar Lander Science Briefing, 12/01/99 - 10:00 AM**
JPL Media Relations Moderator: Mary Hardin
Presenters:
Dr. Richard Zurek, Project Scientist, Mars Polar
Lander, JPL;
David Paige, Principal Investigator, Mars
Volatiles and Climate Surveyor (MVACS), University
of California, Los Angeles;
Dr. Michael Malin, Principal Investigator, Malin
Space Sciences Systems, Inc., San Diego;
Dr. Slava Linkin, Principal Investigator, LIDAR
Instrument, Space Research Institute, Russia;
Dr. Sue Smrekar, Project Scientist, DS2
Microprobes, JPL.
Site:JPL/von Kármán Audience: JPL NASA News
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix

12/01/19 - 1:07:00 Producer: Savona

AVC-1999-187-1/1 **"The Search for Water, the Search for Life" - Background Briefing**
Water and its role in the possible development of
life in niches throughout the solar system.
Moderator: Dr. Pamela Conrad, JPL
Panelists: Dr. Ken Nealson, JPL Astrobiology Unit;
Dr. Michael Meyer, DS2 Program Scientist, NASA Hq;
Dr. Jonathan Lunine, Prof. Univ. of Arizona.
Site:JPL/von Kármán Audience: JPL NASA News
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/01/19 - 0:30:00 Producer: Lance Webster

AVC-1999-188-1/1 **Mars Polar Lander Landing Site Science Briefing, 12/2/99 - 10:00 AM**
A briefing on landing site, including
observations from instruments on the currently
orbiting Mars Global Surveyor.
Moderator: Dr. Richard Zurek, Project Scientist,
Mars Polar Lander, JPL.
Panelists:
Dr. David Paige, Principal Investigator, Mars
Volatiles and Climate Surveyor (MVACS), University
of California, Los Angeles;
Dr. Michael Malin, Principal Investigator, Mars
Descent Imager, Malin Space Science Systems Inc.,
San Diego;
Dr. David Smith, Principal Investigator, Mars
Global Surveyor's Mars Orbiter Laser Altimeter
(MOLA), Goddard Space Flight Center, Greenbelt,
Maryland;
Dr. Bruce Murray, Science Team Member, DS2
Microprobes, California Institute of Technology;
Media Relations Emcee: Mary Hardin
Site:JPL/von Kármán Audience: JPL NASA News
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix j
12/02/19 - 1:13:00 Producer: Savona

AVC-1999-189-1/1 **Mars Polar Lander Science Briefing, 12/2/99 - 12:00 Noon**
Reported on the activation of the command
sequence on the spacecraft that will control all

entry, descent & landing activities. In addition, a discussion of possible mission contingencies.
Moderator: Frank O'Donnell, Media Relations Manager, JPL.
Panelists:
Dr. Sam Thurman, Mars Polar Lander Flight Operations Manager, JPL;
Richard Cook, Mars Polar Lander Project Manager (Operations), JPL;
Sarah Gavit, Deep Space 2 Project Manager, JPL.
Site:JPL/von Kármán Audience: JPL News
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/02/19 - 1:05:30 Producer: Savona

AVC-1999-190-1/1 **Mars Polar Lander/DS2 Mission Status Briefing, 12/3/99 - 9:00 AM**
Moderator: Frank O'Donnell
Panelists:
Michael Watkins, JPL/Caltech Navigation & Mission Design Manager;
Richard Cook, Mars Polar Lander Project Manager;
Dr. Sam Thurman, Mars Polar Lander Flight Operations Manager;
Sarah Gavit, Deep Space 2 Mars Microprobe Project Manager.
Site:JPL/von Kármán Audience: JPL NASA News
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/03/19 - 0:52:00 Producer: Savona

AVC-1999-191-1/1 **Mars Polar Lander/DS2 Mission Status Briefing, 12/3/99 - 1:30 PM**
Richard Cook discussed lack of data and the next opportunity for communication from the spacecraft.
Moderator:
Frank O'Donnell, JPL Media Relations Manager
Presenter:
Richard Cook, Mars Polar Lander Project Manager (Operations), JPL
Site:JPL/von Kármán Audience: JPL NASA News
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix

12/03/19 - 0:15:00 Producer: Savona

AVC-1999-192-1/1 **Mars Polar Lander/DS2 Mission Status Briefing, 12/3/99 - 10:40 PM**
Discussed lack of communications with Mars Polar Lander, DS2 and ground controllers.
Moderator: Mary Hardin, JPL Media Relations
Panelists:
Richard Cook, Mars Polar Lander Project Manager;
Sarah Gavit, Deep Space 2 Mars Microprobes Project Manager;
Dr. David Paige, Principal Investigator, Mars Volatiles and Climate Surveyor (MVACS), University of California, Los Angeles;
Dr. Sue Smrekar, Project Scientist DS2 Microprobes, JPL.
Site:JPL/von Kármán Audience: JPL NASA News
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/03/19 - 0:34:00 Producer: Savona

AVC-1999-193-1/2 **Mars Polar Lander/DS2 COMMENTARY, 12/3/99 - 7:30 PM**
Host: Dr. Richard Terrile
Guests:
5:22:13 - Sarah Gavit
10:59:28 - Andy Stone
16:18:27 - Dr. Edward Stone & Tom Gavin
17:24:04 - Tom Rivellini
Site:JPL/Bldg. 264 Audience: JPL NASA News Resource
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/03/19 - 1:13:00 Producer: Beck

AVC-1999-193-2/2 **Mars Polar Lander/DS2 COMMENTARY, 12/3/99 - 7:30 PM**
Host: Dr. Richard Terrile
00:05:19 - Operations Engineering (JPL Mission Control (264-2nd Floor)
01:05:27 - Dr. Rich Terrile
01:21:23 - NASA/JPL Graphics
02:50:54 - Sarah Gavit
04:20:25 - Sarah Gavit
05:56:00 - Dr. Rich Terrile
06:12:03 - Sara Gavit
08:10:17 - Dr. Rich Terrile

08:48:09 - Mission Control, Various Shots & Staff
09:13:10 - " "
11:45:08 - Tracking Station announcement - NO SIGNAL, continue to look.
11:59:02 - Flight Operations Staff
17:15:20 - Announcement - JPL Lab
17:23:09 - Copy Conformation
17:41:28 - TS-2 Announcement
18:10:20 - TS2-OPT's Announcement
18:23:23 - Copy confirmation(JPL Lab)
18:32:27 - Dr. Terrile, JPL - Mike Malin and signal opportunity search
19:18:07 - MPLA Announcement, search pattern
19:35:05 - MPLA Announcement - 30-40 points
19:49:17 - Dr. Terrile - Raster Scan, 10 positions will end search at 9:32 PST
20:36:06 - Kerry Lewis - JPL
20:56:20 - Intro Kerry Lewis (DS2) JPL
21:12:28 - Dr. Rich Terrile - Mission Support Items
21:53:26 - " " - Misc. descriptive items
25:53:26 - Dr. Stone - JPL
26:46:09 - Announcement, all stations 35-40points
27:26:00 - Dr. Rich Terrile
28:07:25 - MPLA Announcement
31:00:03 - Announcement - Terrile, JPL I.D. Statement
31:20:25 - MPLA Announcement
32:39:13 - Mike Malin Announcement
33:34:17 - All Stations Announcement 40th point completed
37:58:13 - Announcement (Mars Relay) "Receptive to Data Tone" & Copy
38:35:09 - Dr. Sam Thurman, Today's rundown
43:47:09 - Daniel S. Goldin, Dr. Edward Stone and Marshall Flt CTR. Director
45:11:13 - UCLA
46:06:28 - Tom Rivellini & Kerry Fischer
46:29:26 - Dr. Terrile, Kerry Fischer and Kerry Lewis
49:05:07 - Deep Space Operations Room
51:18:04 - Dr. Terrile Announcing - 15 min. into Data Pass(DS2)
54:07:13 - Congressman Dryer & Daniel Goldin
55:55:10 - UCLA

56:42:18 - Deep Space Operations Room
58:40:10 - JPL
59:44:13 - Deep Space Operations Room
1:00:05:20 - Dr. Terrile, JPL ID Tag
1:00:58:00 - DS2 Operations Announcement/Data relay completed (DS2)
1:01:24:27 - DS2 Announcement - Stand by Please
1:02:34:27 - Kerry Lewis & Tom Rivellini
1:03:37:26 - Mike Malin - "Only Red" HKTM on this Pass"
1:06:11:00 - Mike Malin Announcement - HKTM File for copy
1:06:34:08 - DS2 - Confirmation & repeating file
1:07:46:13 - Mike Malin Announcement - MR - Performance report
1:08:30:04 - Dr. Terrile - Link to earth OK.
1:10:56:00 - Dr. Terrile - Close Out
1:12:01:16 - Closing Graphics
Site:JPL/Bldg. 264 Audience: JPL NASA News Resource
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/03/19 - 1:33:00 Producer: Beck

AVC-1999-195-1/1 **Mars Polar Lander/DS2 COMMENTARY, 12/4/99 8:15PM**
Site:JPL/ULCA Audience: JPL NASA News Resource
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/04/19 - 1:00:00 Producer:

AVC-1999-196-1/1 **Mars Polar Lander/DS2 Mission Status Briefing, 12/4/99-9:30PM**
Discussed problems in communication with the lander.
Moderator: Frank O' Donnell
Panelists: Richard Cook, Sarah Gavit, Sam Thurman
Site:JPL/von Kármán Audience: JPL NASA News Resource
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/04/19 - 0:29:30 Producer: Savona

AVC-1999-197-1/1 **"Future Robotic Mars Exploration" Background Briefing, 12/4/99-6:00 PM**
Moderator: Dr. Dan McCleese

Panelists: Dr. Carl Picher, NASA Hq.
Dr. Matt Golombek, Planetary Scientist
Silvia Miller, Mars Mission Architect
Site:JPL/von Kármán Audience: JPL NASA News Resource
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/04/19 - 1:00:00 Producer: Beck/Webster

AVC-1999-198-1/1 **Mars Polar Lander/DS2 Mission Status Briefing, 12/5/99 - 11:30 AM**
Update on Mars Polar Lander and DS2. The operations team still searching for Lander and Microprobe and will continue through today and tomorrow, the next 24 hours are very important.
Moderator: Frank O'Donnell, JPL Media Relations Manager
Panelists:
Richard Cook, Mars Polar Lander Project Manager;
Dr. Sam Thurman, Mars Polar Lander Flight Operations Manager;
Sarah Gavit, DS2 Mars Microprobes Project Manager.
Site:JPL/von Kármán Audience: JPL NASA News
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/05/19 - 0:31:00 Producer: Savona

AVC-1999-199-1/1 **Mars Polar Lander/DS2 COMMENTARY, 12/5/99 - 9:30 PM**
Host: David Seidel
l3:55:00 - Phil Kanocke and Cahs Wetzel
UCLA - Dr. David Page
16:45:00 - Dr. Sam Thurman
31:00:00 - Kerry Lewis and Sarah Gavit
1:12:46:00 - Richard Cook
1:14:08:00 - John MacNamee
1:15:06:00 - Steve Brody
Site:JPL/Bldg. 264 Audience: JPL NASA News Resource
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/05/19 - 1:20:00 Producer: Beck

AVC-1999-200-1/1 **Mars Polar Lander/DS2 Mission Status Briefing, 12/5/99 - 11:00PM**
Moderator:Frank O'Donnell, JPL Media Relations

Mgr
Panelist: Richard Cook, Mars Polar Lander Project Manager
Site:JPL/von Kármán Audience: JPL NASA News
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/05/19 - 0:14:00 Producer: Savona

AVC-1999-201-1/1 **Mars Polar Lander/DS2 COMMENTARY, 12/3/99 - 11:00 AM**
"Mars Landing 1999"
Host: David Seidel
0:05:39:00 - Dr. Sam Thurman
0:13:26:28 - Dr. Richard Zurek
0:36:29:13 - Rob Manning
0:48:15:00 - Sarah Gavit
0:57:03:16 - John MacNamee
1:16:46:03 - Chris Jones
1:21:50:16 - Daniel Goldin, Ed Wyler, Tom Gavin
1:23:04:02 - Dr. David Baltimore, Dr. Edward Stone, Dr. Chas Alotchee
1:33:50 - END
Site:JPL/Bldg. 264 Audience: JPL NASA News Resource
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/03/19 - 1:33:00 Producer: Beck

AVC-1999-202-1/1 **Mars Polar Lander/DS2 COMMENTARY, 12/3/99 - 2:00 PM**
Host: David Seidel
05:36:20 - Dr. Sam Thurman, Richard Cook, Phil Kaoncke, Daniel S. Goldin, Dr. Edward Stone, Dr. Ed Weiler, Dr. Charles Elachi, Dr. David Baltimore
07:21:11 - Arthur Stevenson, Teleconferencing Representative, Congressman David Dryer
Site:JPL/Bldg. 264 Audience: JPL NASA News
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/03/19 - 0:51:00 Producer: Beck

AVC-1999-203-1/1 **Mars Polar Lander/DS2 Mission Status Briefing, 12/7/99 - 1:00 AM**
The team will try to communicate with the lander for another two weeks or so, but that expectations for success are remote. They vow to learn from the

experience and continue exploring the Red Planet.
Moderator: MaryBeth Murrill, Media Relations News Chief
Panelists:
Richard Cook, Mars Polar Lander Project Manager (Operations), JPL;
Sarah Gavit, Deep Space 2 Project Manager, JPL;
Dr. Daniel McCleese, Mars Surveyor Program Scientist, JPL;
Dr. Chris Jones, Mars Surveyor Program Manager, JPL/Caltech.
Site:JPL/von Kármán Audience: JPL NASA News
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/03/19 - 0:25:40 Producer: Savona

AVC-1999-204-1/1 **Mars Polar Lander/DS2 COMMENTARY, 12/4/99 - 11:00 PM**
Host: David Seidel
01:39:04 - Dr. Sam Thurman, Phil Kanocke, Daniel S. Goldin, John MacNamee, Dr. Edward Stone, Dr. Edward Weiler, Tom Gavin, Dr. Charles Elachi
05:03:11 - Dr. Chris Jones
30:35:17 - Graphic
43:44 - End
45:02 - Graphic til
Site:JPL/ Bldg.264 Audience: JPL NASA News
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/03/19 - 0:45:02 Producer: Beck

AVC-1999-205-1/1 **Mars Polar Lander/DS2 COMMENTARY, 12/5/99 - 10:45 AM**
Host: David Seidel
03:47:02 - Dr. Sam Thurman, Phil Kanocke
10:01:00 - Dr. David Paige, Karen McBride, Richard Cook, Jacques Blemonde
14:07:00 - Dr. Richard Zurek
24:46:00 - Joe Beer
26:17:00 - Dr. Charles Elachi, Dr. Edward Stone, Earl Huckins, Dr. Richard Zurek, Joe Boyce, David Paige, Reed Thomas, Gene Brower
Site:JPL/Bldg. 264 Audience: JPL NASA News
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

12/05/19 - 0:56:00 Producer: Beck

AVC-1999-206-1/1 **Mars Polar Lander/DS2 COMMENTARY, 12/7/99 - 12:00 AM**
Host: David Seidel
Site:JPL/Bldg. 264 Audience: JPL NASA News
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/07/19 - 0:45:00 Producer: Beck

AVC-1999-208-1/1 **MISR Launch Day "B" Roll - Video File**
Animation of MISR instrument in operation around the Earth.
Interview with Dr. David Diner, JPL Principal Investigator.
Interview with Dr. Ralph Kahn, Aerosol Scientist for MISR.
Site: Audience: News Resource
Client: Ainsworth
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Mono mix
12/13/19 - 0:17:38 Producer: Dawson/Savona

AVC-2000-001-1/1 **Europa Magnetic Fields Animation - Video File**
Animation depicting Europa's north magnetic pole reversing based on data collected from the Galileo Spacecraft. Europa's magnetic field reverses every 5.5 hours as a direct result of the influence of Jupiter's oscillating magnetic field.
Site: Audience: Gen. Edu. JPL NASA News Resource
Client: Torrence Johnson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
01/08/2000 - 0:00:50 Producer: Semerano

AVC-2000-003-1/1 **TOPEX/Poseidon/PDO/Bill Patzert - Video File**
Animation of the TOPEX/Poseidon instrument in space.
Historic animation from TOPEX/Poseidon 97 to 99
2 new images from T/P showing the Pacific Decadal Oscillation effect.
Interview with Dr. William Patzert
Site: Audience: Resource
Client: Diane Ainsworth
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Mono mix

01/14/2000 - 0:07:47 Producer: Savona

AVC-2000-004-1/1 **von Kármán Lecture Series: "Near-Earth Objects"**
VTV-853 Dr. Donald Yeomans discusses how comets and asteroids that can closely approach Earth are scientifically important because they are valuable natural resources for the colonization of the inner solar system, and because they are horrific threats to life on Earth.
Site: Audience: Gen.
Client: Eric Hayne
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/20/2000 - 0:58:27 Producer: Savona

AVC-2000-006-1/1 **STS 99 SRTM - Mission Overview**
Paul Dye, lead flight director, Johnson Space Center; Dr. Earnest Paylor, NASA Shuttle Radar Topography Mission program Scientist, Office of Earth Science, Washington, D.C.
Site:KSC Audience: News Resource
Client:
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/21/2000 - 0:55:00 Producer: KSC

AVC-2000-007-1/1 **STS 99 SRTM - Technology & Science Briefing with NASA TV -** video file
Imagery and Mapping Agency, Bethesda, Md.; Dr. Diane Evans, Earth Science Program chief scientist, JPL; Marian Werner, X-band Synthetic Aperture Radar project manager, DLR (German Space Agency), Oberpfaffenhofen, Germany; Edward Caro, SRTM chief engineer, JPL.
Site:KSC Audience: News Resource
Client:
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/21/2000 - 1:49:00 Producer: KSC

AVC-2000-008-1/1 **STS 99 SRTM - Crew Press Conference**
Kevin Kregel, space shuttle commander; Dom Gorie, pilot; Gerhard Thiele (European Space Agency), mission specialist 1; Janet Kavandi, mission specialist 2; Janice Voss, mission specialist 3; Mamoru Mohri (Japanese Space Agency), mission

specialist 4.
Site:KSC Audience: News Resource
Client:
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/21/2000 - 0:36:15 Producer: KSC

AVC-2000-009-1/1 **President Clinton's Address at Caltech**
VTV-851 President Bill Clinton Science and Technology address at Calif. Institute of Technology, Beckman Auditorium. Gordon Moore, Chairman CIT Board of Trustees and David Baltimore President of CIT appear with the President.
Site:Beckman, Audience: Gen.
Client:
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
01/21/2000 - 0:51:00 Producer: Caltech

AVC-2000-014-1/1 **SRTM Prelaunch Overview**
Animation of the instrument in the payload bay and mast deployment, coverage map from JSC launch minus 14 press briefing. Three dimensional views of Pinatubo and Kamchatka from the Space Radar Laboratory from mission summary tapes.
Site: Audience: News Resource
Client: Dr. Diane Evans, Org. 730
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Silent 2: Silent
01/27/2000 - 0:08:00 Producer: Savona

AVC-2000-015-1/1 **Sun's Crooked Magnetic Field - Video File**
Animated image of the sun produced from over one months imaging. The center has been blacked out so we can see the solar wind emanating from the sun. "B" roll of the Sun using optical and xray photographic techniques.
Site: Audience: News Resource
Client: Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/28/2000 - 0:01:00 Producer: Semerano

AVC-2000-018-1/1 **Seawinds Instrument onboard the QuikSCAT Satellite - Video File**
Seawinds keeps eye on world's winds and storms.

Seawinds sees birth and development of monsoon rains.
Seawinds watches iceberg motion in Antarctic.
Site: Audience: News Resource
Client: Mary Beth Murrill
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
01/28/2000 - 0:03:03 Producer: Savona

AVC-2000-019-1/1 **STS-99, SRTM L-2 Countdown Status, 3:00 P.M.-PST**
Presenters: George Diller, NASA Public Affairs
Ron Dittemore, Shuttle Program Manager-JSC
Dave King, Dir. of Shuttle Operation - KSC
Klaus Damian, Head, ESA Astronaut Training Div.
Capt. Clif Stargardt, Meteorologist 45th Weather Squadron, USAF
Site:KSC Audience: News Resource
Client: Mona Jasnow, Org. 7300
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/29/2000 - 0:51:00 Producer: KSC

AVC-2000-020-1/1 **SRTM Shuttle Status Briefing, 6:00 AM - PST**
Presenters: George Diller, NASA Public Affairs
Steve Atimus, NASA Test Director
Scott Higginbotham, STS-99 Payload Manager
Ed Priselac, Shuttle Weather Officer
Site:KSC Audience: News Resource
Client: Mona Jasnow, Org. 7300
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/29/2000 - 0:32:00 Producer: KSC

AVC-2000-021-1/1 **STS-99/L-1 Shuttle Status Briefing & SRTM Mission Overview**
6:00 AM, STS-99 L-1 Shuttle Status Briefing - 17:00 Min.
6:30 AM, SRTM Mission Overview - 1:10:00 Min.
Site:KSC Audience: News Resource
Client: Mona Jasnow, Org. 7300
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/30/2000 - 1:17:00 Producer: KSC

AVC-2000-024-1/1 **NASA 2001 Budget Briefing**
Dan Goldin outlines FY 2001 NASA Budget to media at NASA-HQ.

Site:NASA-HQ Audience: JPL NASA News
Client:
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/07/2000 - 0:53:40 Producer: HQ

AVC-2000-025-1/1 **STS-99 SRTM Pre-Launch Briefing L-2**
L-2 Briefing on upcoming launch of STS-99.
Panelists; Ron Dittemore-Shuttle Prog. Man. JSC;
Dave King Dir. Shuttle Processing KSC; Capt. Clif
Stargardt Meteorologist 45th Weather Suadron.
Site:KSC Audience: News
Client:
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/09/2000 - 0:34:00 Producer: KSC

AVC-2000-026-1/4 **Dodging Rocks? Cassini Cruises Through the Asteroid Belt**
This Cassini Educator's workshop discusses the
physical nature of asteroids, the impact
probabilities, activity - rotation light
curve/colors and the search for asteroids.
Presenters: Shannon McConnelle, Alan Harris, Steve
Edberg, Paul Chodas
Site:von Kármán Aud Audience: Edu. JPL
Client: Shannon McConnell
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/10/2000 - 2:00:00 Producer: Greg Parrillo

AVC-2000-026-2/4 **Dodging Rocks? Cassini Cruises Through the Asteroid Belt**
This Cassini Educator's workshop discusses the
physical nature of asteroids, the impact
probabilities, activity - rotation light
curve/colors and the search for asteroids.
Presenters: Steve Edberg, Bob Coutts
Site:von Kármán Aud Audience: Edu. JPL
Client: Shannon McConnell
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/10/2000 - 0:43:17 Producer: Greg Parrillo

AVC-2000-026-3/4 **Dodging Rocks? Cassini Cruises Through the Asteroid Belt**
This Cassini Educator's workshop discusses the
physical nature of asteroids, the impact
probabilities, activity - rotation light

curve/colors and the search for asteroids.
Presenters: Eleanor "Glo" Helin, Steve Edberg, Steve Ostro
Site:von Kármán Aud Audience: Edu. JPL
Client: Shannon McConnell
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/10/2000 - 1:00:42 Producer: Greg Parrillo

AVC-2000-026-4/4 **Dodging Rocks? Cassini Cruises Through the Asteroid Belt**
This Cassini Educator's workshop discusses the physical nature of asteroids, the impact probabilities, activity - rotation light curve/colors and the search for asteroids.
Presenters: Bob Nelson and Don Yeomans
Site:von Kármán Aud Audience: Edu. JPL
Client: Shannon McConnell
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/10/2000 - 1:00:00 Producer: Greg Parrillo

AVC-2000-028-1/1 **STS-99 Launch with SRTM payload**
STS-99 Launch with SRTM(Shuttle Radar Topography Mapper) payload. Starts at T-9min and includes replays of launch. NOTE At T+5min Satellite was switched off by Goddard TV.
Site:KSC Audience: News Resource
Client: Mona Jasnow
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/11/2000 - 1:00:00 Producer: KSC (Borst)

AVC-2000-030-1/1 **STS-99 SRTM Mission Highlights Tape**
Hightlights of the Shuttle Radar Topography Mission (SRTM) including Launch, Deploy and Retraction/Storage of Boom Mast. Simulations of the orbit of the SRTM and simulated flights over the surface of the Earth created from SRTM images and Digital Elevation Maps (DEMs).
Site: Audience: News Resource
Client: Eric De Jong
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono Mix
03/10/2000 - 0:56:30 Producer: Eric DeJong

AVC-2000-031-1/1 **STS-99 SRTM Flight Day 1 Highlights**

STS-99 SRTM Flight Day 1 Highlights. Shows crew arrival, launch and radar mast deployment.
Site: Audience: JPL News Resource
Client: Mona Jasnow
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/11/2000 - 0:19:00 Producer: JSC

AVC-2000-032-1/1 **STS-99 SRTM Flight Day 2 Status Briefing & Highlights**
Status Briefing on condition of Shuttle and SRTM payload. Panelists; Milt Heflin STS-99 Mission Operations Rep.; Mike Kobrick SRTM Proj. Scientist; Ed Caro SRTM Proj. Eng. JPL; Marian Werner XSAR Proj. Man. DLR, 30 min. Flight Day 2 Highlights 13 min.
Site: Audience: JPL News Resource
Client: Mona Jasnow
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/13/2000 - 0:44:00 Producer: JSC

AVC-2000-033-1/1 **STS-99 SRTM Flight Day 3 Highlights**
STS-99 SRTM Flight Day 3 Highlights
Site: Audience: JPL News Resource
Client: Mona Jasnow
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/13/2000 - 0:15:00 Producer: JSC

AVC-2000-034-1/1 **STS-99 SRTM Flight Day 4 Status Briefing & Highlights**
Status Briefing on condition of Shuttle and SRTM payload. Panelists; Milt Heflin STS-99 Mission Operations Rep.; Mike Kobrick SRTM Proj. Scientist; Ed Caro SRTM Proj. Eng. JPL; Dr. Giogio Franseschetti ASI. First Images and flyover animation, 45:00. Highlights 16:35
Site: Audience: JPL News Resource
Client: Mona Jasnow
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/14/2000 - 1:02:00 Producer: JSC

AVC-2000-036-1/1 **STS-99 SRTM Flight Day 5 Status Briefing & Highlights**
Status Briefing on condition of Shuttle and SRTM payload. Panelists; Milt Heflin STS-99 Mission Operations Rep.; Dr. Thomas Farr SRTM Dep. Proj.

Scientist JPL; Dr. Christianne Schmullius DLR.
More Images and flyover animations, 55:00.
Highlights 19:00
Site:JSC Audience: JPL News Resource
Client: Mona Jasnow
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/15/2000 - 1:14:00 Producer: JSC

AVC-2000-037-1/1 **STS-99 SRTM Flight Day 6 Status Briefing & Highlights**
Status Briefing on condition of Shuttle and SRTM
payload. Panelists; Milt Heflin STS-99 Mission
Operations Rep.; Dr. Earnest Paylor SRTM Prog.
Scientist NASA-HQ; Dr. Jakob van Zyl Dep. Man.
Earth Science JPL; Dr. Christianne Schmullius DLR.
More Images and flyover animations, 48:00.
Highlights 19:30
Site:JSC Audience: News Resource
Client: Mona Jasnow
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/16/2000 - 1:07:30 Producer: JSC

AVC-2000-038-1/1 **Daniel Stern Discovery of Most Distant Quasar - Video File**
Interview with Dr. Daniel Stern at Palomar
Observatory, B-roll of Dr. Daniel Stern and
animation of Quasar with super-massive black hole.
Site:Palomar Observ. Audience: News Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/16/2000 - 0:08:00 Producer: Viotti/Beck

AVC-2000-039-1/1 **STS-99 SRTM Flight Day 7 Status Briefing & Highlights**
Status Briefing on condition of Shuttle and SRTM
payload. Panelists; Milt Heflin STS-99 Mission
Operations Rep.; Dr. Diane Evans Chief Scientist
Earth Sci. Off.; Dr. Christianne Schmullius DLR.
More Images and flyover animations, 31:00.
Highlights 17:30
Site: Audience: News Resource
Client: Mona Jasnow
Master: sVHS Stored: 180-100 Submaster:
Audio 1: Mono mix 2: Mono mix
02/17/2000 - 0:48:00 Producer:

AVC-2000-040-1/1 **STS-99 SRTM Flight Day 8 Status Briefing & Highlights**
Status Briefing on condition of Shuttle and SRTM payload. Panelists; Milt Heflin STS-99 Mission Operations Rep.; Dr. Earnest Paylor SRTM Prog. Scientist NASA-HQ; Dr. Mike Kobrick SRTM Proj. Man. JPL; Marian Werner XSAR Proj Man. DLR. More Images and flyover animations, 1:02:00. Highlights 18:30
Site: Audience: News Resource
Client: Mona Jasnow
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/18/2000 - 1:20:30 Producer: JSC

AVC-2000-041-1/1 **STS-99 SRTM Flight Day 9 Status Briefing & Highlights**
Status Briefing on condition of Shuttle and SRTM payload. Panelists; Jeff Bantle STS-99 Mission Operations Rep.; Dr. Earnest Paylor SRTM Prog. Scientist NASA-HQ; Dr. Jeffrey Plaut Research Scientist JPL; Dr. Christianne Schmullius DLR. More Images and flyover animations, 54:00. Highlights 24:00
Site: Audience: News Resource
Client: Mona Jasnow
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/19/2000 - 1:18:00 Producer: JSC

AVC-2000-042-1/1 **STS-99 SRTM Flight Day 10 Status Briefing**
Status Briefing on condition of Shuttle and SRTM payload. Panelists; Paul Dye STS-99 Lead Flight Dir.; Dr. Earnest Paylor SRTM Prog. Scientist NASA-HQ; Tom Hennig SRTM Prog. Man. NIMA; Dr. Christianne Schmullius DLR. More Images and flyover animations.
Site: Audience: News Resource
Client: Mona Jasnow
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/20/2000 - 0:56:00 Producer: JSC

AVC-2000-043-1/1 **STS-99 SRTM Flight Day 11 Status Briefing**
Status Briefing on condition of Shuttle and SRTM payload. Panelists; Jeff Bantle STS-99 Mission Operations Rep.; John Shannon STS-99 Entry Flight Dir.; Dr. Mike Kobrick SRTM Proj. Man. JPL; More

Images and flyover animations.
Site: Audience: News Resource
Client: Mona Jasnow
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/21/2000 - 0:42:00 Producer: JSC

AVC-2000-044-1/1 **STS-99 SRTM Flight Day 12 Landing & Briefing**
Landing of shuttle starts at 8 minutes before touchdown and then includes replays and briefing following landing. Ron Dittemore - Space Shuttle Prog. Man.
Site: Audience: News Resource
Client: Mona Jasnow
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/22/2000 - 0:50:00 Producer: JSC

AVC-2000-047-1/1 **Aids Vaccine: Finding The Cure**
VTV-858 Caltech President Dr. David Baltimore, one of the world's leading scientists spoke on the search for an AIDS vaccine, "Finding the Cure." This talk was part of the JPL sponsored von Kármán Lecture Series at JPL and at Pasadena City College.
Site:von Kármán Aud Audience: Edu. Tech. JPL
Client: Kim Lievense, Org. 1840
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/17/2000 - 1:32:30 Producer: Beck

AVC-2000-051-1/1 **Galileo and Cassini at Jupiter - Video File**
First animation shows the Galileo spacecraft encountering Jupiter; Second animation shows the Cassini Spacecraft at Jupiter;
Third segment is a series of images of Jupiter based on real data taken from the Voyager spacecraft.
Site: Audience: News Resource
Client: Jane Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
03/06/2000 - 0:02:03 Producer: Savona

AVC-2000-052-1/1 **Martian North & South Polar Caps Images - Video File**
High Resolution views comparing the Martian north

and south polar residual caps taken by the Mars Global Surveyor.
Site: Audience: News Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/07/2000 - 0:06:50 Producer: Semerano

AVC-2000-053-1/1 **The GAVRT Project**
The Goldstone Apple Valley Radio Telescope or GAVRT, is a curriculum-based science project that allows high school students access to a radio telescope to collect data and submit their findings to NASA's Jet Propulsion Laboratory for inclusion in databank of knowledge.
Site: Audience: Gen. Edu.
Client: Shirley Wolff
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Stereo Mix 2: Stereo Mix
03/09/2000 - 0:03:52 Producer: Beck/Savona

AVC-2000-054-1/1 **Mars Global Surveyor imagery of Dust Devils - Video File**
Pan of MOC2-220B
Pan of MOC2-220A
Still of MOC2-220C
Site: Audience: News Resource
Client: Mary Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
03/10/2000 - 0:02:00 Producer: Savona/Semerano

AVC-2000-055-1/1 **SRTM Compilation (Post mission)**
1. (long version) Animations, Launch, Mast deployment, on-orbit payload tours, Mast retract & fly throughs.
2. (short) Launch, Mast deployment, Palmdale fly-through & Tigil fly-through.
Site: Audience: Resource
Client: Tom Farr
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/15/2000 - 0:34:12 Producer: Parrillo

AVC-2000-057-1/1 **Infrared - "More Than Your Eyes Can See"**
In this fast-paced educational program, Astronomer, Dr. Michelle Thaller using a variety

of demonstrations which include: a campfire, L.A. Zoo animals, hot tub and pool, shows how infrared light differs from visible.
Site: Audience: Gen. Edu.
Client: Dr. Michelle Thaller
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Stereo 2: Stereo
03/17/2000 - 0:07:00 Producer: Gary Savona

AVC-2000-058-1/1 **Mars Animations and Latest Images**
Includes flyovers of the Martian terrain, MOLA images, north and south polar regions, Valles Marinaris, spacecraft animations, Pathfinder pan of surface.
Site: Audience: Resource
Client:
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
03/22/2000 - 0:50:00 Producer: Beck

AVC-2000-060-1/1 **Terrestrial Planet Finder (TPF) - Video File**
TPF animation of proposed design
Star / Planet animation
Dr. Charles Beichman Interview
Site: Audience: News Resource
Client: Michelle Viotti
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/28/2000 - 0:03:15 Producer: Savona

AVC-2000-061-1/1 **Mars Program Independent Assessment Team Briefing**
VTV-859
Tom Young Chairman of the Mars Program Independent Assessment Team gives findings of the team to Press Briefing at NASA-HQ. Ed Weiler, Associate Admin. of Space Sciences for NASA talks about implementation of lessons learned.
Site: NASA-HQ Audience: News Resource
Client: Blaine Baggett
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/28/2000 - 1:19:00 Producer: NASA HQ

AVC-2000-062-1/1 **Dr. Stone News Briefing on Mars Independent Assessment Team Findings**
Dr. Ed Stone discusses the findings of the Independent Assessment Team (Young report) with the local news media.
Site: von Kármán Aud Audience: News
Client: Laura Dunn, Org. 100

Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/28/2000 - 0:18:40 Producer: Greg Parrillo

AVC-2000-065-1/1 **Laboratory All Hands Meeting (Mars Failures Discussion) - Dan Goldin**

VTV-862 NASA Administrator, Daniel S. Goldin discusses the Mars Program Independent Assessment Findings (Young report) about the recent Mars mission failures. He gives JPL employees an uplifting bit of encouragement on how NASA looks to the future.
Site: von Kármán Aud Audience: JPL
Client: Laura Dunn
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/29/2000 - 0:29:00 Producer: Greg Parrillo

AVC-2000-066-1/1 **Ultrasonic Drill - Video File**
Animation of ultrasonic drill mounted on nanorover coring a rock on a small asteroid. B-roll of drill undergoing testing in laboratory. Interview with Dr. Yoseph Bar-Cohen.
Site: JPL Audience: News Resource
Client: Nancy Lavato
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/20/2000 - 0:06:31 Producer: Semerano

AVC-2000-067-1/1 **Ulysses Spacecraft Meets Comet Hyakutake - Video File**
Ulysses animation depicting spacecraft passing through Comet Hyakutake;
Assembly of the Ulysses spacecraft at Dornier Systems in Germany;
Interview with Dr. Nathan Schwadron explains what happened and why the finding is important.
Site: Audience: News Resource
Client: NASA Television
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Silent
04/03/2000 - 0:03:44 Producer: Gary Savona

AVC-2000-070-1/1 **Congressional Hearing by NASA's after The Young Report**
Tom Young and John Casani testify before the House Subcommittee on Science answering questions posed to them regarding their reports to Congress on the failures of Mars Polar Lander, Deep Space 2 and Mars Climate Orbiter.
Site: NASA HQ Audience: NASA Resource

Client: Blaine Baggett, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/12/2000 - 1:38:00 Producer: Ziats

AVC-2000-071-1/1 **MISR Collection**
Multi-angle Imaging Spectro-Radiometer (MISR) flown on the Terra Earth orbiting spacecraft.
Terra Launch HD downconversion (4:52) 12/18/99.
MISR First Images released at the 4/19/00 Press Conference/Science Update (11:17).
Site: DIAL Audience: Resource
Client: Eric DeJong
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: silent 2: silent
04/18/2000 - 0:16:09 Producer: S. Suzuki

AVC-2000-072-1/1 **TERRA - First Science Briefing**
A 48:30 briefing from NASA-HQ with Principle investigators and Dr. Ghassem Asrar. Shows first science results - pictures and animations including flyovers and different filtered images of Earth by TERRA spacecraft orbiting Earth. Terra was launched from Vandenberg AFB on 12/18/99. A 35:00 videofile of images at end.
Panelists:
Dr. Yoram Kaufman, TERRA Project Scientist, NASA, GSFC;
Dr. Vincent Salomonson, Moderate-resolution Imaging Spectroradiometer (MODIS) Science Team Leader, NASA, GSFC;
Dr. David Diner, Multi-angle Imaging Spectro-Radiometer (MISR) Principle Investigator, NASA, JPL;
Dr. Yasushi Yamaguchi, Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) Deputy Science Team Leader, Nagoya University;
Dr. Jim Drummond, Measurements of Pollution in the Troposphere (MOPITT) Principle Investigator, University of Toronto;
Dr. Bruce Barstrom, Clouds and the Earth's Radiant Energy System (CERES) Instrument, NASA, LaRC
Site: NASA HQ Audience: News Resource
Client: Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/19/2000 - 1:23:00 Producer: NASA HQ

AVC-2000-078-1/1 **Planetary Alignment - Video File**
Planetary Alignment animation depicting the positions of the

Earth, Sun, Moon, Mercury, Venus, Mars, Jupiter and Saturn over the past 10 years.
JPL research astronomer Dr. Myles Standish describes the May 5 alignment and explains why we won't be able to see it.
Site: Audience: News Resource
Client: NASA Television
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Silent
04/27/1900 - 0:03:50 Producer: Gary Savona

AVC-2000-080-1/1 **Dog Bone-Shaped Asteroid Kleopatra - Video File**
Radar images of asteroid Kleopatra in motion.
Site: Audience: News Resource
Client: NASA Television
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
05/02/2000 - 0:00:45 Producer: Savona

AVC-2000-082-1/1 **Mars Global Surveyor Release Images - Video File**
A close-up look at a valley floor in the Libya Montes region of Mars.
A view of Layers on the Martian surface.
A wide-angle view of the Martian north polar cap.
A view of a mound near what was once the rim of an impact crater looks like a "hot cross bun".
North Pole
Hot Cross Bun
Site: Audience: NASA Resource
Client: NASA Television
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
05/11/2000 - 0:03:26 Producer: Savona

AVC-2000-086-1/1 **Galileo Images of Volcanic Moon, Io - Video File**
Images taken by the Galileo spacecraft of Io in November 25, 1999:
Mosaic image of Culann Patera
Mosaic image of Hi'iaka Patera
Mosaic image of Tvashtar Catena
Site: Audience: News Resource
Client: NASA Television
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
05/16/2000 - 0:01:32 Producer: Savona

AVC-2000-089-1/1 **FIDO Rover in the Nevada Desert - Video File**

Experimental testing of the Field Integrated Design & Operations (FIDO) rover in the Nevada desert. Ray Arvidson explains certain aspects of the testing.
Site: Audience: News Resource
Client: NASA Television
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/17/2000 - 0:13:50 Producer: Beck

AVC-2000-091-1/1 **Electronic Nose - Video File**
Video File on the development of the Electronic Nose with an animation showing how it works, B-Roll in the laboratory at JPL where it was developed and an interview with Dr. Amy Ryan discussing its current status and future potential.
Site: Audience: News Resource
Client: Nancy Lovato
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/22/2000 - 0:06:35 Producer: Semerano

AVC-2000-092-1/1 **Europa as a Habitat for Life**
VTV-869 An Earth and Space Science Colloquium
A talk by Dr. Chris Chyba of the SETI Institute on the possibilites for life on Europa and the best ways and places to find it. Introduction by Dr. Mark Allen.
Site: von Kármán Audience: Gen.
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/22/2000 - 1:28:00 Producer: Borst

AVC-2000-096-1/1 **Latest Io Images from the Galileo spacecraft - Video File**
Animated images of Tvashertar Catena on Io
Animated images of Zal Patera on Io
Image of Layered terrain on Io
Site: Audience: NASA Resource
Client: NASA Television
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
05/25/2000 - 0:02:10 Producer: Savona

AVC-2000-099-1/1 **Development of Laser & Microwave Powered Solar Sails - Video File**
Animation of a solar sail being propelled through space by an energy beam followed by tests on the material which would make up such a sail and interviews with Henry Harris, Dr.

James Benford and Dr. Leik Myrabo.
Site: Audience: News Resource
Client: Lovato
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/27/2000 - 0:09:18 Producer: Semerano

AVC-2000-100-1/1 **JPL's Open House 2000 - LIVE ON THE WEB**
Host Jane Platt and co-host Richard Shope talk to members of the five theme teams: Solar System, Mars, Earth, Universe and Technology. Broadcast live on the web, the show features current and future JPL programs and a brief sampling of this year's open house activities.
Site: Mall Audience: Gen.
Client: Blaine Baggett
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/03/2000 - 1:00:00 Producer: Savona

AVC-2000-103-1/1 **Sensor Webs - Video File**
Animation of one possible scenario for deployment of a sensor web on a distant moon. B-Roll of sensor pods containing sensing instruments that send data to a field computer. The pods are distributed around various environments within the Huntington Garden. Interview with Dr. Delin.
Site: Audience: News Resource
Client: NASA Television
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/07/2000 - 0:07:35 Producer: Semerano

AVC-2000-104-1/1 **Digital Personnel Press Handout**
An example of a digital human-image animation driven by phonemes, the smallest unit of human speech. B-Roll of sample created on a computer. Interview with John Wright, Principal Investigator for Digital Personnel, Jet Propulsion Laboratory, NASA.
Site: Audience: News Resource
Client: Nancy Lavato
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/09/2000 - 0:06:55 Producer: Semerano

AVC-2000-105-1/1 **Digital Personnel News Conference**
Voice driven human digital animation. Speakers included

John Wright, Jerry Ruddle and James Rooney.
Site: von Kármán Aud Audience: News
Client: Carolina Martinez
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/13/2000 - 0:39:00 Producer: Greg Parrillo

AVC-2000-106-1/1 **Possible Evidence of Recent Water Flows on Mars - Video File**
Recent MGS Mars Orbiter Camera pictures showing possible evidence of recent water flows on the Martian surface. With B-Roll of Malin Space Science Systems and interviews with Dr. Mike Malin and Dr. Ken Edgett.
Site: Audience: News Resource
Client: Mary Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/21/2000 - 0:14:57 Producer: Semerano

AVC-2000-108-1/2 **Water on Mars Space Science Update**
Evidence of Water on Mars was discovered by the Mars Global Surveyor Spacecraft.
INTRO:
Don Savage, NASA HQ., Public Affairs Office
PARTICIPANTS:
Dr. Edward J. Weiler, NASA's Associate Administrator for Space Science.
Dr. Mike Malin: President and Chief Scientist of Malin Space Science Systems of San Diego, CA
Dr. Ken Edgett: Staff Scientist at Malin Space Science Systems of San Diego, CA
Dr. Michael Carr: Geologist with the U.S. Geological Survey in Menlo Park, CA.
Dr. Bruce Jakosky: Professor of Geology at the Laboratory for Amospheric and Space Physics at the University of Colorado at Boulder.
Dr. Jim Garvin: Mars Exploration Program Scientist at NASA HQ.
Site: NASA HQ. Audience: News Resource
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/22/2000 - 1:30:00 Producer: NASA HQ.

AVC-2000-111-1/1 **Telescopes in Space (TIE) 2000 Internet**
Jerry Musillo describes the internet access to the 14 inch telescope on Mt. Wilson that can be used by high school

students.
Site: Mt. Wilson, CA Audience: Gen. Edu.
Client: Gil Clark
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/26/2000 - 0:02:25 Producer: Savona

AVC-2000-114-1/1
VTV 871

NASA's Mars Program after the Young Report Part II
Daniel Goldin and Dr. Ed Stone testify before the House Committee on Science on actions taken after the Young report by JPL and NASA regarding the Mars Program. Part I recorded April 12, 2000. AVC for Part I is AVC-2000-070
Site: Congress Audience: News Resource
Client: F. O'Donnell
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/20/2000 - 2:00:00 Producer:

AVC-2000-115-1/1

Lightweight and Inflatable Spacecraft - Video File
Animation of Dart or Dual Reflecting Telescope and ARISE or Advanced Radio Interferometry. Artur Chmielewski and Dr. Mark Dragovan are interviewed about the current status and advantages of spacecraft which are inflatable and use extremely lightweight materials.
Site: JPL Audience: News Resource
Client: Carolina Martinez
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/02/2000 - 0:12:02 Producer: Semerano

AVC-2000-118-1/1

2MASS All-Sky Survey - Video File
Infrared pictures of various celestial objects imaged by twin telescopes, located in Arizona and Chile, which comprise the 2MASS All-Sky survey. Interview with Dr. Michael Skrutskie, Principal Investigator for the 2MASS survey.
Site: Audience: News Resource
Client: Jane Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/11/2000 - 0:05:05 Producer: Semerano

AVC-2000-119-1/1

Comet LINEAR - Video File
Comet LINEAR animation.
Stardust Animation
Deep Impact Animation

Still image of Comet LINEAR taken by students
Interview with Dr. Donald Yeomans, Planetary Research Scientist
Animation of
Site: Audience: News Resource
Client: NASA TV
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/14/2000 - 0:07:21 Producer: Savona

AVC-2000-121-1/1 **Deep Space 1 Rescue - Video File**
Deep Space animation approaching a comet
Comet Borrelly image
Dr. Marc Rayman interview
Site: Audience: News Resource
Client: NASA Television
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/21/2000 - 0:05:53 Producer: Savona

AVC-2000-122-1/1 **Mars 2001 & 2003 Animations**
Mars 2003 Orbiter animation
Mars 2003 Rover animation
Mars 2001 Orbiter animation
Site: Audience: News Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/20/2000 - 0:04:00 Producer: Beck

AVC-2000-123-1/1 **Minority Initiatives Intern Program - Video File**
A distinguished group of unergraduate and graduate students interested in careers in engineering, science and math gain hands-on experience, as part of the Minority Initiatives Intern Program at NASA's Jet Propulsion Laboratory.
Site: Audience: News Resource
Client: Carolina Martinez
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/26/2000 - 0:06:22 Producer: Semerano/Chavez

AVC-2000-125-1/1 **Pacific Decadal Oscillation (PDO) - Video File**
PDO computer model taken between 1970 and 1975; JPL research scientist, Yi Chao describes the importance of the PDO effect on our understanding of the Earth's climate.
Site: Audience: News Resource

Client: NASA Television
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/28/2000 - 0:02:36 Producer: Savona

AVC-2000-126-1/1 **Best of JPL Technology - Video Files**
Excerpts from Technology Video Files describing some of the most recent advances in technology developed at the Jet Propulsion Laboratory.
Site: Audience: News Resource
Client: Carolina Martinez
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/05/2000 - 0:11:30 Producer: Semerano

AVC-2000-127-1/1 **EOS Volcanology Team Science Investigations**
Describes the mission of NASA's Earth Observing System (EOS) Volcanology Team through the presentation of data products created by the Team Members and Collaborators. Each data product represents the application of remote sensing to the study of volcanic phenomena. The presentations of data products are preceded by computer graphics that illustrate the volcanic phenomena, together with the resulting remote sensing signals.
Site: JPL DIAL Audience: Tech. Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
Produced by the JPL Digital Image Animation Lab.
08/04/2000 - 0:18:00 Producer: Vince Realmuto

AVC-2000-128-1/1 **JPL Technology Roundtable**
Applied Science: How Southern California Turns Research and Development into Products and Services. Panelists included: Michael J. Sander, Lawrence Gilbert, Rohit Kenneth Shukla, Jon Faiz Kayyem, Dr. Sabrina Kemeny, Julie Holland and Alfred E. Mann.
Site: JPL Audience: JPL News
Client: Carolina Martinez
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/07/2000 - 1:04:00 Producer: Greg Parrillo

AVC-2000-131-1/1 **Mars 2003 Mission Selection, Press Conference**
VTV-875 Dr. Ed Weiler, Assoc. Admin. for Space Science;
Scott Hubbard, Mars Program Director, NASA HQ.; Dr. Jim

Garvin, Mars Program Scientist, NASA HQ.; Prof. Steven Squyres, Principal Investigator, Cornell University.
NASA TV Downlink from HQ
Site: NASA HQ Audience: News Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/10/2000 - 1:08:00 Producer: NASA HQ

AVC-2000-132-1/1 **Mars 2003 Rover Animation**
Contains the latest (8/2000) animation of Mars 2003 Rover. Includes entry, decent, and landing with parachute and airbags as well as rover driving around Mars, analyzing the surface.
Site: Audience: News Resource
Client:
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
08/10/2000 - 0:02:00 Producer: NASA TV
Use AVC-2003-097 (current version)

AVC-2000-135-1/1 **Sea Ice Thickness Derived from High Resolution Radar Imagery - Video File**
Radar images of sea ice formation as observed by JPL scientists over a six month period in the Arctic Ocean.
B-roll of Arctic ice sheets.
Dr. Ronald Kwok explains why new and unprecedented measurements of Arctic sea ice tell us a lot about global climate change.
Site: Audience: News Resource
Client: NASA Television
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/17/2000 - 0:04:44 Producer: Savona

AVC-2000-138-1/1 **Ulysses Studies the Sun's South Polar Cap - Video File**
Animation of the Ulysses spacecraft; Animation of path or trajectory; Animation of the Solar Wind
Footage of Yoko images of the Sun; Footage of solar flares and sunspot activity; Animation of Cosmic Rays and Magnetic Field
Interview with Ed Massey
Site: Audience: NASA News Resource
Client: NASA Television

Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/05/2000 - 0:07:33 Producer: Savona

AVC-2000-139-1/1 **Health Benefits from Space - Video File**
Dr. James Lambert describes medical studies performed at JPL, including the development of an optical spinal tap, a device to optically measure sugar levels in the blood of diabetic patients and the non-invasive imaging of the eye for diagnostic purposes.
Site: JPL Audience: News Resource
Client: Birchak-Birkman
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/09/2000 - 0:06:50 Producer: Semerano

AVC-2000-140-1/1 **SeaWinds: "Hurricanes Can't Hide" - Video File**
Spacecraft Animation - 0:25; Rotating Earth Animation - 0:14; QuikSCAT observes eight hurricanes - 1:53; Hurricane b-roll - 2:28; Interview-Moshe Pniel - 1:18;
Interview-Dr.Timothy Liu - 0:52
Interview-Cesar Sepulveda (In Spanish) - 1:09
Site: Audience: News Resource
Client: NASA TV/Sullivant
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/11/2000 - 0:12:13 Producer: Savona

AVC-2000-141-1/1 **Mars and Earth Dust Storm - Video File**
This video file shows a comparison between a Martian dust storm image taken near the south pole and an Earth dust storm image taken off the northwest coast of Africa.
Site: Audience: News Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/11/2000 - 0:01:40 Producer: Beck

AVC-2000-146-1/1 **Inflatable Antenna - Video File**
Engineers and college students at NASA's Jet Propulsion Laboratory are testing and demonstrating an inflatable antenna design for reducing the weight of future spacecraft. Two of the interviews are in Spanish.
Site: JPL Audience: Gen. Edu. JPL NASA News Resource
Client: Carollina Martinez
Master: BCAMsp Stored: 186-B10 Submaster:

Audio 1: Mono mix 2: Mono mix
09/15/2000 - 0:11:03 Producer: Semerano

AVC-2000-147-1/1 **Volunteer Professionals for Medical Advancement - Video File**
Retired engineers and scientists from NASA's Jet Propulsion Laboratory, who helped make history in the dawn of the space age, are now applying their skills to the world of medicine. They are helping doctors and patients with the expertise that forged the world of space technology.
Site: Audience: News Resource
Client: Birchak-Birkman
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/22/2000 - 0:14:00 Producer: Semerano

AVC-2000-148-1/1 **Seeing New York from Space in 3-D - Video File**
This narrated simulated flight from Syracuse, New York, south to Manhattan was created with preliminary data from NASA's Shuttle Radar Topography Mission (SRTM). Shuttle animation and b-roll is also included.
Interview with Dr. Michael Kobrick
Site: Audience: News Resource
Client: NASA TV/Sullivant
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/25/2000 - 0:13:40 Producer: Savona

AVC-2000-149-1/1 **2001 Mars Odyssey - Video File**
2001 Mars Odyssey orbiting spacecraft is designed to find out what Mars is made of, detect water and shallow buried ice and study the radiation environment. Included in the video file is an animation of the spacecraft orbiting Mars and an interview with George Pace.
Site: Audience: News Resource
Client: Mary Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/27/2000 - 0:03:20 Producer: Semerano

AVC-2000-151-1/1 **Mars Valleys - Video File**
Mars Global Surveyor (MGS) began its 4th year orbiting the red planet by taking this view of three major valley systems east of the Hellas plains.
Site: Audience: News Resource
Client: Mary Hardin
Master: BCAMsp Stored: 186-B10 Submaster:

Audio 1: Silent 2: Silent
09/29/2000 - 0:01:10 Producer: Semerano

AVC-2000-153-1/1 **Cassini and Galileo Joint Observation of Jupiter - Video File**
Two NASA spacecraft are teaming up to scruntinize Jupiter from October 2000 through March 2001. Included in this video are animations of the Cassini and Galileo spacecraft passing Jupiter, an animation depicting the magnetosphere around Jupiter and first image of Jupiter by Cassini.
Site: JPL Audience: News Resource
Client: Guy Webster
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/04/2000 - 0:10:27 Producer: Semerano

AVC-2000-156-1/1 **Solar System Explorers Wanted: Share Your Knowledge**
Highlights examples of Education and Public Outreach activities done by scientists who are involved in NASA Solar System Exploration and research. Featured are:
Claudia Alexander, JPL
Susan Keiffer, Keiffer Science Consultants
Steven Lee, Space Science Institute
Rosaly Lopes-Gautier, JPL
Ellis Miner, JPL
Kent Tobiska, Federal Data Corporation
Narrated by David Seidel, JPL
Site: Audience: Edu. NASA
Client: Leslie Lowes
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
10/20/2000 - 0:10:24 Producer: Scott Goldrich

AVC-2000-157-1/1 **Three Cassini Images - Video File**
Three images taken from the Cassini spacecraft of Jupiter: The Great Red Spot in Cassini Picture of Jupiter, The Shadow of Your Moon and More than Meets the Eye
Site: Audience: News Resource
Client: NASA TV/Webster
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
10/20/2000 - 0:02:20 Producer: Savona

AVC-2000-158-1/1 **JPL's Participation in Afterschool Enrichment Programs - Video File**
NASA's Jet Propulsion Laboratory taking part in the "Lights On Afterschool" program at Logan Elementary School. JPL

held interactive workshops for the children to engage them in the wonders of science and space exploration. L.A. Mayor Richard Riordan is interviewed.
Site: Audience: News Resource
Client: Carolina Martinez, Org. 1810
Master: Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/20/2000 - 0:07:04 Producer: Semerano

AVC-2000-159-1/1 **In-Situ Exploration of Mars: The FIDO Rover**
This program documents the FY00 activities associated with the FIDO Rover including the May 2000 rover field trial which took place at Black Rock Summit in Central Nevada. This covers the continued development of the FIDO Rover in support of NASA's Mars Exploration Technology Program.
Site: Audience: Tech. NASA
Client: Eric Baumgartner
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Stereo 2: Stereo
This is a Photo Lab Production
10/06/2000 - 0:06:37 Producer: Tom Wynne

AVC-2000-160-1/1 **Mars Exploration Program Press Briefing from NASA-HQ**
VTV-883
NASA outlines Mars Exploration Program for the next two decades in a briefing held at NASA-HQ. Participants: Dr. Ed Weiler, Associate Administrator, Space Science, NASA-HQ;
Scott Hubbard, Mars Program Director, NASA-HQ;
Dr. Jim Garvin, Mars Program Scientist NASA-HQ; Dr. Firouz Naderi, Mars Program Manager, JPL.
Site: Audience: NASA News
Client: MRO
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/26/2000 - 1:22:30 Producer: NASA HQ

AVC-2000-163-1/1 **SIRTF Spanish Language Website - Video File**
NASA has unveiled it's first ever website in Spanish. The site features SIRTF, an orbiting observatory scheduled for launch in 2002. Marisa Eisenberg who created the website discusses in both English and Spanish why she created the site. SIRTF animation is also included.
Site: Audience: News Resource
Client: Media Relations
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

11/02/2000 - 0:06:28 Producer: Platt/Beck

AVC-2000-164-1/1 **NASA/University Cyberconference**
Administrator Goldin announced a new research initiative between NASA and the University community. General Spence Armstrong kicked this effort off with an interactive cyberconference which included remarks from Goldin and presentations from five Enterprise Associate Administrators. Followed by a question and answer session.
Site: Audience: Edu. NASA
Client: NASA HQ
Master: VHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/19/1900 - 3:00:00 Producer: NASA TV

AVC-2000-165-1/1 **Spider Web Bolometer - Video File**
Inspired by the intricacy and efficiency of spider webs, researchers at NASA's JPL have designed a web-shaped bolometer, a highly-sensitive thermometer to help unveil the true geometry of the universe. Data returned shows that the universe is flat and ever expanding.
Site: Audience: News Resource
Client: Gia Scafidi
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/08/2000 - 0:07:53 Producer: Semerano

AVC-2000-167-1/1 **Space Agency's Images Are Down to Earth - Video File**
ASTER images can be used to monitor environmental change, acquire basic information about the composition and distribution of materials on Earth's surface, help identify new mineral and petroleum deposits in poorly explored regions, monitor land use, and observe volcanoes. Animation of the instrument, three images, flyover animations and interview in English and Spanish.
Site: Audience: News Resource
Client: NASA TV/Sullivant
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/14/2000 - 0:15:03 Producer: Savona

AVC-2000-168-1/1 **Telescopes In Education/ Delta Rehab Center - Video File**
B-roll of the patients of the Delta Rehab Center for the severely head-injured in Snohomish Washington. Interviews with Paul Walsh and Gil Clark follow, as well as B-roll of the Mt. Wilson Telescopes and celestial images.

Site: Audience: Gen. Edu. JPL NASA News Resource
Client: NASA TV/Martinez
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/14/2000 - 0:11:42 Producer: Beck

AVC-2000-169-1/1
VTV-886

Robotic Space Exploration in 3 Eras
von Kármán Lecture Series -
JPL Director, Dr. Edward Stone discusses the results and goals of robotic space exploration. Since 1958, there have been three eras of exploration at JPL. This lecture characterizes the excitement and considerations of each era.
Site: von Kármán Aud. Audience: Gen.
Client: Kim Johanson, Org. 1840
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/16/2000 - 0:59:51 Producer: Savona

AVC-2000-170-1/1

Future Mars Missions Animation Compilation
Compilation of the latest Mars spacecraft animations. 1. Smart Lander -0:03:00
2. Mars 2003 Rover - 0:02:00
3. Mars Surveyor Orbiter - 0:00:23
4. Mars Sample Return (MSR) - 0:01:15
5. Mars 2001 Space Odyssey - 0:00:20
Site: Audience: News Resource
Client: Mars Project Off.
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/17/2000 - 0:09:00 Producer: Beck

AVC-2000-172-1/1

Mars Hale Crater - Video File
Two images of the Hale Crater on Mars taken by the Mars Global Surveyor spacecraft. The first image is a wide-angle view and the second is a high-resolution view showing sand dunes and small gullies possibly carved by water.
Site: Audience: News Resource
Client: NASA HQ
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/18/2000 - 0:02:00 Producer: Beck

AVC-2000-174-1/1

Kids, Radio Telescopes and Jupiter - Video File
Students at 25 middle schools and high schools in 13 states are using their classroom computers to remotely control huge radio telescope dishes in the California desert this fall

and winter. Their work will aid studies of Jupiter being made by NASA's Cassini spacecraft as it flies past.
Site: Audience: News Resource
Client: NASA TV/Webster
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/22/2000 - 0:13:42 Producer: Savona

AVC-2000-175-1/1 **Hopping Robot - Video File**
Under development at NASA's Jet Propulsion Laboratory, a small hopping robot with frog-like abilities that moves by a combination of rolls and hops may someday hop a ride on an asteroid and leap its way to another planet.
Site: Audience: News Resource
Client: NASA TV/Martinez, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/22/2000 - 0:06:42 Producer: Semerano

AVC-2000-176-1/1 **Frost Covered Craters on Mars - Video File**
The Mars Global Surveyor wide-angle camera system monitored changes in Martian weather and the seasonal coming and going of polar frost in four Martian Craters.
Site: Audience: News Resource
Client: NASA TV/Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/23/2000 - 0:03:04 Producer: Semerano

AVC-2000-177-1/1 **Native American Tribal Elders Tour JPL - Video File**
"From the Sun to the Star Nations", is an initiative to bring together Native Americans from communities, schools and tribal colleges. As part of that effort a tour was conducted for a group of Native Americans at NASA's Jet Propulsion Laboratory.
Site: Audience: News Resource
Client: NASA TV/Martinez, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/23/2000 - 0:03:41 Producer: Semerano

AVC-2000-180-1/1 **Robotic Stepper Device - Video File**
A device that could help therapists in rehabilitating patients with spinal cord injuries.
Site: Audience: News Resource
Client: Carolina Martinez

Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/03/2000 - 0:08:30 Producer: Semerano

AVC-2000-181-1/1 **Mars Press Conference - Layered Terrain shows Evidence of Water**

VTV-889 Dr. Michael Malin and Dr. Ken Edgett from NASA's Mars Global Surveyor present what they describe as their most significant discovery yet: Layered terrain images which show substantial evidence for ancient beds of water. Q & A follow presentation along with 20 minutes of images & animation.
Site: Audience: News Resource
Client: Media Relations
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/04/2000 - 1:15:00 Producer: Beck

AVC-2000-182-1/1 **Stills and Animation of Mars Layered Terrain**
20 minutes of images & animation from Mars Press conference on Dec.4, 2000.
Site: Audience: News Resource
Client: Media Relations
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/04/2000 - 0:20:00 Producer: Beck

AVC-2000-186-1/1 **Close Encounter with the Biggest Moon - Video File**
NASA's Galileo spacecraft will pass close to Jupiter's largest moon, Ganymede, on December 28, 2000 while Ganymede is in Jupiter's shadow. One set of studies will examine glows in Ganymede's thin atmosphere while it is in eclipse.
Site: Audience: News Resource
Client: NASA TV/Webster, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/18/2000 - 0:08:09 Producer: Savona

AVC-2000-187-1/1 **ASTER Animation of Mt. St. Helens Volcano - Video File**
This animation created with ASTER data, shows Mt. St. Helens with the scars from its 1980 eruption.
Site: Audience: News
Client: NASA TV/Sullivant
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/21/2000 - 0:00:20 Producer: Savona

AVC-2000-188-1/1 **Jupiter's Clouds Imaged by Cassini - Video File**
Fourteen Frame movie repeated four times of Jupiter's clouds taken by the Cassini Spacecraft as it passes Jupiter on its way to Saturn.
Site: Audience: News Resource
Client: NASA TV/Webster
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Silent 2: Silent
12/21/2000 - 0:01:00 Producer: Semerano

AVC-2000-189-1/1 **"Origins" Compilation**
This tape contains the following JPL productions:
AVC-1996-075 Infrared Interferometric Search for Neighboring Planetary Systems
AVC-1997-109 Origins: Seeking Answers to Age-Old Questions
AVC-1998-060 Space Interferometer Mission (SIM)
AVC-1998-109 DS3-Separated Spacecraft Interferometer
AVC-1998-176 SIM - Space Interferometry Mission
AVC-2000-060 Terrestrial Planet Finder (TPF) Video File
SRC-000008 Origins Computer Animations Compilation
SRC-000076 Space Interferometry Mission (SIM) & Origins Animations
SRC-000104 Solar System Formation Animation
SRC-000205 SIRTF Animations
SRC-000224 DART Animation
Site: Audience: Resource
Client: Jane Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/21/2000 - 0:51:38 Producer: Semerano

AVC-2000-190-1/1 **Shuttle Radar Topography Mission Flyover of Rose Parade Route**
Simulated flight over the 2001 Tournament of Roses Parade Route to the San Gabriel Mountains and Rose Bowl using SRTM C-band Topography, a Thematic Mapper image and Aerial Photography.
Site: DIAL Lab Audience: Gen. Resource
Client: Mary Beth Murrill
Master: HDCam Stored: 186-B10 Submaster: BCAMsp
Audio 1: Silent 2: Silent
12/29/2000 - 0:02:40 Producer: Dial Lab/Borst

AVC-2000-191-1/1 **Cassini Press Conference "NASA Double Teams Jupiter"**
Galileo and Cassini Spacecraft make dual observations of

Jupiter. Contains animations of Jupiter's clouds imaged by the Cassini spacecraft.
Presenters:
Dr. Jay Bergstralh, NASA.
Dr. Stamatios (Tom) Krimigis, Johns Hopkins. University's Applied Physics Laboratory.
Dr. William Kurth, University of Iowa.
Dr. Carolyn Porco, University of Arizona.
Dr. Andrew Ingersoll, California Institute of Technology.
Site: von Kármán Aud Audience: News
Client: MRO - Guy Webster, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/30/2000 - 0:53:00 Producer: Parrillo/Semerano

AVC-2001-001-1/1 **Stardust Earth Flyby - Video File**
The Stardust mission receives an important gravity assist from earth on January 15, 2001. The spacecraft will capture and return to Earth cometary dust particles from comet Wild 2 in 2006.
Site: Audience: News Resource
Client: NASA TV/Heil
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/09/2001 - 0:09:01 Producer: Savona

AVC-2001-008-1/1 **Jupiter's Doughnut - Video File**
A doughnut-shaped ring of charged particles encircling Jupiter, called the Io Torus, is seen better than ever before in new images taken in ultraviolet wavelengths by NASA's Cassini spacecraft. Scientists are studying how volcanic material comes to the ring from the moon Io.
Site: Audience: News Resource
Client: NASA TV/Webster
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/23/2001 - 0:06:49 Producer: Savona

AVC-2001-009-1/1 **von Kármán Lecture Series: "Adventures in Africa"**
VTV-891
Mark Helmlinger discusses his participation in MISR's SAFARI2000 international field campaign which involved seven weeks of fieldwork in southern Africa. He uses demonstrations and a movie of his fieldwork to explain ground-based measurements as part of remote sensing of Earth.
Site: vk auditorium Audience: Gen. Edu.

Client: PSO/Kim Johansen
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/25/2001 - 1:25:27 Producer: Savona

AVC-2001-010-1/1 **TOPEX/Poseidon: Taking the Ocean's Pulse - Video File**
TOPEX/Poseidon enables early warnings of El Nino and La Nina weather patterns that have caused devastating floods in some areas and drier than normal periods in other places. The mission is a U.S.-French partnership to monitor global ocean circulation from space.
Site: Audience: News Resource
Client: NASA TV/Sullivant
Master: BCAMsp Stored: Vendor Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/28/2001 - 0:14:29 Producer: Savona

AVC-2001-011-1/1 **Announcement of JPL's New Lab Director**
VTV-893 WELCOME: Dr. Edward Stone-Introduces Dr. David Baltimore, Caltech President
Dr. David Baltimore-Announces the new JPL Lab Director as Dr. Charles Elachi
Daniel S. Goldin, NASA Administrator
Dr. Charles Elachi- Thanks and his Vision for JPL
Site: JPL-von Kármán Audience: Gen. Resource
Client: Blaine Baggett, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/31/1901 - 0:35:00 Producer: Parrillo

AVC-2001-012-1/3 **Mars Global Surveyor End of Primary Mission Highlights**
INTROS: Arden Albee, Master of Ceremonies, MGS Proj. Scientist
Jim Garvin, NASA Mars Program
SPEAKERS:
Michael Malin, Principal Investigator, Mars Orbiter Camera
Andy Ingersoll, Co-Investigator, Interdisciplinary Scientist - Mars Orbiter Camera - Weather on Mars
Philip Christensen, Principal Investigator, Thermal Emission Spectrometer
Len Tyler, Team Leader, Radio Science
Mario Acuna, Principal Investigator, Magnetometer & Electron Reflectometer
David Smith, Principal Investigator, Mars Orbiter Laser Altimeter
EVENT:

Final Orbit-8505 (End of Mars Global Surveyor Primary Mission)
Site: JPL-von Kármán Audience: JPL News Resource
Client: Christine Johnson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/31/2001 - 1:31:00 Producer: Beck/Parrillo

AVC-2001-012-2/3 **Mars Global Surveyor End of Primary Mission Highlights**
Part 2 of 3
Site: JPL-von Kármán Audience: JPL News Resource
Client: Christine Johnson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/31/2001 - 1:31:00 Producer: Beck/Parrillo

AVC-2001-012-3/3 **Mars Global Surveyor End of Primary Mission Highlights**
Part 3 of 3
Site: JPL-von Kármán Audience: JPL News Resource
Client: Christine Johnson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/31/2001 - 0:52:00 Producer: Beck/Parrillo

AVC-2001-013-1/1 **NEAR End of Mission Press Briefing**
End of mission science findings from the NEAR (Near Earth Asteroid Rendezvous) from NASA HQ.
Panelists:
Dr. Edward Weiler, NASA Associate Administrator for Space Science;
Dr. Andrew Chang, Johns Hopkins University, Applied Physics Laboratory (JHU/APL);
Dr. Mark Robinson, Imaging Team, Northwestern U. Dr. Jessica Sunshine, Science Application International Corporation (SAIC), Chantilly VA;
Dr. Robert Farquhar, NEAR Mission Director, JHU/APL.
Q. & A. follows with B-Roll of graphics.
Site: NASA HQ Audience: News Resource
Client: Martha Heil, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/31/2001 - 1:01:00 Producer: NASA HQ

AVC-2001-014-1/1 **Old Texts, New Tech - Video File**
The Huntington Library's exhibit "Star Struck: 1,000 years of Art and Science of Astronomy". NASA's Jet Propulsion

Laboratory has contributed both to the exhibit and to a new era in the understanding of space and astronomy, and to the images that help explain the unknown.
Site: Huntington Lib. Audience: News Resource
Client: NASA TV/Heil
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/05/2001 - 0:09:40 Producer: Parrillo/Savona

AVC-2001-015-1/1 **Catching Ice in Motion - Video File**
The Antarctic Mapping Mission provides the first overview of how the Antarctic ice sheet moves and changes. This joint NASA and Canadian Space Agency mission will help answer some fundamental questions about this mysterious place, including whether the ice sheet is advancing or retreating.
Site: Audience: News Resource
Client: NASA TV/Sullivant
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/11/2001 - 0:18:52 Producer: Savona

AVC-2001-016-1/2 **NEAR Descent and Landing on Eros**
Broadcasted live from The John Hopkins University Applied Physics Laboratory (APL) in Laurel, MD. Mission controllers initiate a series of engine burns over a 4-hour period designed to bring NASA's NEAR Shoemaker spacecraft down to the surface of asteroid Eros.
Site: APL Audience: News Resource
Client: Martha Heil, Org. 1810
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
02/12/1901 - 1:30:00 Producer: JHU/APL

AVC-2001-016-2/2 **NEAR Descent and Landing on Eros**
Part 2 of 2
Site: APL Audience: News Resource
Client: Martha Heil, Org. 1810
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
02/12/1901 - 0:24:00 Producer: JHU/APL

AVC-2001-017-1/1 **MGS Final Orbit Intro**
Tribute video for the MGS team. Includes launch, MOI animation, various data/images of Mars.
Site: Audience: Gen.

Client: C. Johnson, Org. MGS
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
02/14/2001 - 0:03:00 Producer: Beck

AVC-2001-018-1/1 **NEAR Mission Post-Landing Press Conference**
Near Earth Asteroid Rendezvous (NEAR) mission landed on asteroid 433 Eros, February 12, 2001.
NASA's NEAR Shoemaker is managed by Johns Hopkins Univ. Applied Physics Laboratory (APL) in Laurel, MD. The Jet Propulsion Laboratory (JPL) managed the Navigation Team and the Deep Space Network (DSN).
Press conference participants:
Dee Reese, APL Public Affairs
Dr. Jay Bergstralh, NASA HQ, Discovery Scientist
Dr. Bob Farquhar, JHU/APL, Mission Director
Dr. Bobby Williams, JPL, Navigation Team
Dr. Veveraka, NEAR imaging Team
Tom Couhglin, Project Manager
Site: JHU/APL Audience: News Resource
Client: Martha Heil, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
Includes Video File and Post Roll Graphics
02/14/2001 - 1:30:00 Producer: JHU/APL

AVC-2001-020-1/1 **Space Science Update: Cosmic Crash - The Big Kill**
NASA's Astrobiology Panel discuss Cosmic Caused extinctions thru history.
Panelists:
Dr. Luann Becker University of Washington;
Dr. Robert Poreda University of Rochester;
Dr. Michael Meyer, NASA HQ;
Dr. Richard Bambach, Virginia Tech.;
Dr. Christopher Chyb, SETI Institute & Stanford University.
Q & A follow.
Site: NASA HQ Audience: News Resource
Client: Martha Heil, Org. 181
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/22/2001 - 0:55:00 Producer: NASA HQ

AVC-2001-021-1/1 **2MASS Images - Video File**
The Two Micron All-Sky Survey (2MASS) has finished surveying the entire night time sky in infrared wavelengths, although data processing will continue for two more years. Included

in this video file are images of the Omega Nebula and the Keyhole Nebula.
Site: JPL Audience: News Resource
Client: Jane Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/15/2000 - 0:02:54 Producer: Semerano

AVC-2001-023-1/1 **von Kármán Lecture Series: "Fire & Ice"**
Frank Carsey - JPL Research Scientist, discusses technologies capable of exploring extreme liquid and ice environments such as Hawaii's volcanic vents and the sub-glacial Lake Vostok in Antarctica. Q & A followed the presentation.
Site: von Kármán aud Audience: Gen.
Client: Kim Johansen
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/22/2001 - 1:06:50 Producer: Greg Parrillo

AVC-2001-024-1/1 **Active Volcanoes on Jupiter's Moon, Io - Video File**
A new flyover movie clip created from images taken by NASA's Galileo spacecraft shows one area on Io where fresh lava was flowing in 1999 and 2000. Dr. Torrence Johnson is interviewed.
Site: Audience: News Resource
Client: NASA TV/Webster
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/23/2001 - 0:08:07 Producer: Semerano/Savona

AVC-2001-028-1/1 **Ground Based Interferometry at Keck - Video File**
Two 10-meter telescopes have been joined at the Keck Observatory to form the world's most powerful optical telescope system. An animation shows the concept of interferometry followed by b-roll of the twin Keck telescopes located at Mauna Kea, Hawaii.
Site: JPL Audience: News Resource
Client: Jane Platt
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/01/2001 - 0:02:02 Producer: Semerano/Kline

AVC-2001-029-1/1 **Auroras on Jupiter - Video File**
Dual observations of Jupiter's auroras were made by the Hubble Space Telescope and the Cassini Spacecraft. One of

the results of the combined data is a 40 frame movie which shows a glowing aurora in Jupiter's northern hemisphere. Dr. Hunter Waite comments on the phenomena.
Site: Audience: News Resource
Client: Guy Webster
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/04/2000 - 0:06:44 Producer: Semerano

AVC-2001-030-1/1 **Balloon Technology & the Exploration of Planets & Moons - Video File**
Several animated concepts depicting possible future missions to other planets and moons utilizing the latest in balloon technology are featured. Jack Jones comments on what advantages such a technology might offer in the exploration of distant bodies in the solar system.
Site: Audience: News Resource
Client: Carolina Martinez
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/07/2001 - 0:10:54 Producer: Semerano

AVC-2001-032-1/1 **The Galileo Mission Gets an Extension - Video File**
NASA's Galileo spacecraft, launched in 1989, has been orbiting Jupiter since 1995. In 2001, it will approach the large moons Callisto once and Io twice. In 2002, it will approach Io and the small moon Amalthea. In 2003, it will make its mission-ending plunge into Jupiter.
Site: Audience: News Resource
Client: NASA TV/Webster
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/14/2001 - 0:07:45 Producer: Savona

AVC-2001-035-1/1 **High School Robotics Competition - Video File**
High school students build their own robots and then compete as part of a NASA sponsored program.
Featured are students from three Los Angeles-area schools working with teachers and volunteer engineers from NASA's Jet Propulsion Laboratory.
Site: Audience: Gen. Edu. JPL NASA News Resource
Client: Carolina Martinez
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/19/2001 - 0:23:05 Producer: Semerano

AVC-2001-036-1/1 **2001 Mars Odyssey Press Conference**
Held at NASA Headquarters.
Dr. Ed Weiler, Assoc. Admin. Space Science/NASA HQ
Scott Hubbard, Mars Prog./NASA HQ
George Pace, Project Manager/JPL
Dr. Steve Saunders, Project Scientist/JPL
Dr. Jim Garvin, Mars Prog. Scientist/NASA HQ
Site: NASA HQ Audience: NASA News
Client: Mary Hardin, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/19/1901 - 1:24:00 Producer: NASA HQ (Hanchett)

AVC-2001-038-1/1 **History & Future of Mars Exploration, Prior to Launch of '01 Odyssey**
A compilation of animations and stills tracing the history of Mars in the public imagination, from early spacecraft and from modern-day spacecraft.
NOTE: All MOS, except segment on the launch of the Mars Global Surveyor.
Site: Audience: Gen. Edu. JPL NASA Resource
Client: Viotti
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/21/1901 - 0:23:18 Producer: Kline

AVC-2001-039-1/1 **von Kármán Lecture Series: "Galileo Millennium Mission"**
VTV-894
Dr. Duane Bindschadler explains Galileo's unique observations of Jupiter, its moons, and magnetosphere. His presentation highlights the results from this and other Galileo Millennium Mission observations.
Site: von Kármán Aud. Audience: Gen. Edu.
Client: PSO/Johnasen
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/22/2001 - 1:31:51 Producer: Savona

AVC-2001-040-1/1 **Laboratory Gas Cloud Mimics Pulsars - Video File**
Ultra-Cold Sodium Gas Cloud in an MIT lab developed quantum whirlpools similar to those that appear to cause starquakes on pulsars.
Site: Audience: Gen. Edu. JPL NASA News Resource
Client: Jane Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/26/1901 - 0:05:39 Producer: Semerano

AVC-2001-042-1/1 **JPL Mars Mission Compilation**
Animations of present, past & future missions: 2001 animation; Mariner images; Viking animation, stills, arm; Pathfinder animation, pan to rover, rover in action; Mars Global Surveyor (MGS) animation, 3D animation, resolution & water demo; Mars Exploration rovers animation; Mars Reconnaissance Orbiter animation; Smart Lander animation.
Site: Audience: News Resource
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/27/2001 - 0:12:44 Producer: Kline

AVC-2001-044-1/1 **2001 Mars Odyssey - Pre-Launch Video**
VTV-897
This video takes us behind the scenes with the team members of NASA's latest Mars mission: the 2001 Mars Odyssey. This spacecraft will tell us what chemical elements and minerals make up the Martian surface, determine if buried ice exists and monitor the radiation environment.
Site: Audience: Gen. Edu.
Client: Mars Program Office
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/30/2001 - 0:15:00 Producer: Christine Johnson

AVC-2001-045-1/1 **CMA - "Attracting Talent in a Tight Labor Market"**
VTV - 895
Dr. David Lewin examines sources of potential job applicants as well as how new compensation and non-monetary rewards can attract and retain high-quality people. He also introduces the idea of "job sculpting" as an approach to retain employees.
Site: von Kármán aud Audience: JPL
Client: Michael Eastwood
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/29/2001 - 1:02:15 Producer: Parrillo

AVC-2001-047-1/1 **2001 Mars Odyssey Pre-launch Video File**
Animations:
1. 2001 Mars Odyssey spacecraft in orbit over Mars;
2. 3D views of Mars' surface, including gullies & hypothetical water-filled crater on ancient Mars. Graphic: Comparison of sizes of Mars and Earth. Video: Assembly of the spacecraft at Lockheed Martin and at KSC.
Site: Audience: JPL NASA News Resource

Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:09:23 Producer: Kline

AVC-2001-048-1/1 **2001 Mars Odyssey assembly and testing compilation**
This sequence chronicles assembly and testing of the 2001 Mars Odyssey spacecraft, both in Denver at Lockheed Martin and at the Kennedy Space Center.
Site: Audience: JPL News Resource
Client: Hardin
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: MOS 2: MOS
04/02/2001 - 0:05:00 Producer: Kline

AVC-2001-049-1/1 **Mars Odyssey L-1 Briefing**
Status of Launch preparations one day before launch of Mars Odyssey spacecraft from KSC. panelists; Chuch Dovale NASA Launch Man. KSC; Joy Bryant Delta II Mission Dir. Boeing; George Pace Mars Odyssey Proj. Man. JPL; Bob Berry Mars Odyssey Prog. Man. LMSS; Joel Tumbiolo Launch Weather Officer. Q & A follow.
Site: KSC Audience: Gen. News Resource
Client: Odyssey/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/06/2001 - 0:43:00 Producer: KSC

AVC-2001-050-1/1 **Mars 2001 Odyssey Science Press Conference**
Pre Launch Science overview of upcoming Mars 2001 Odyssey Mission. Panelists; Ed Weiler Assoc. Admin. Space Sciences NASA-HQ; Scott Hubbard Mars Prog. Dir. NASA-HQ; Dr. Firouz Naderi Mars Prog Man. JPL; Dr. Jim Garvin Mars Prog. Scientist NASA-HQ. Q & A follows.
Site: KSC Audience: Gen. News Resource
Client: Odyssey/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/06/2001 - 1:02:00 Producer: KSC (Borst)

AVC-2001-051-1/1 **Mars Odyssey Launch - Shortened Version**
VTV-898 This is a shortened version of the Mars Odyssey Launch on April 7th, 2001.
Site: KSC Audience: Gen. News Resource
Client: Odyssey/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix
04/09/2001 - 0:03:00 Producer: Beck

AVC-2001-052-1/1 **More Asteroids with Neat New Camera - Video File**
A new asteroid-searching camera is installed at Palomar Observatory for the Jet Propulsion Laboratory's Near Earth Asteroid Tracking system. NASA's goal is to discover 90 percent of all near-Earth asteroids by 2010. The camera is able to take wider and more detailed views of the sky.
Site: Mt. Palomar Audience: Gen. JPL NASA News Resource
Client: NASA TV/Heil
Master: BCAMsp Stored: Vendor Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/11/2001 - 0:09:22 Producer: Savona

AVC-2001-053-1/1 **Electronic Beam Lithography Machine - Video File**
To advance nanotechnology, NASA's Jet Propulsion Laboratory has acquired one of the world's finest electron beam lithography systems, one that will allow researchers to work on the sub-molecular scale. The machine can fit 500 transistors in an area the width of a human hair.
Site: Audience: Gen. Edu. JPL NASA News Resource
Client: Carolina Martinez
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/13/2001 - 0:12:01 Producer: Semerano

AVC-2001-055-1/2 **Mars Odyssey Launch Coverage**
NASA-TV coverage of Mars Odyssey Launch from Kennedy Space Center. Shows launch and replays along with switch at end to JPL for telemetry acquisition. Tape has been edited down from original 2 hour live program.
Site: KSC Audience: News Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/13/2001 - 1:22:45 Producer: KSC (Borst)

AVC-2001-055-2/2 **Mars Odyssey Launch Coverage**
JPL-TV coverage of Mars Odyssey Launch from Jet Propulsion Laboratory. Shows JPL MSA for telemetry acquisition. Includes off camera commentary by Jane Platt. Tape has been edited down SRC-000259
Site: JPL Audience: News Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:

Audio 1: Mono mix 2: Mono mix
04/13/2001 - 1:17:00 Producer: Beck

AVC-2001-058-1/1
VTV-900

von Kármán Lecture Series: "More Than Your Eyes Can See"
Dr. Michelle Thaller discusses JPL's goals and achievements in infrared astronomy, and with the help of the audience, demonstrates the type of technology that makes it possible.
Site: vk auditorium Audience: Gen. Edu.
Client: PSO/Kim Johansen
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/19/2001 - 1:19:23 Producer: Savona

AVC-2001-059-1/1

Students and Spacecraft Study Jupiter Radiation - Video File
A few of the 2,300 students from 13 states who used a remote-control radio telescope to study Jupiter will present results to JPL scientists May 4. Their results are useful to scientists interpreting radio measurements that NASA's Cassini spacecraft made to map Jupiter radiation.
Site: Audience: Edu. NASA News Resource
Client: NASA TV/Webster
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/27/2001 - 0:09:11 Producer: Savona

AVC-2001-061-1/1

FIRST High School Robotics Competition
In this fast-paced overview of the FIRST High School Robotics Competition students are shown building robots, with the assistance of JPL engineers, which were entered in competitions held at the Sports Arena in Los Angeles and Walt Disney World's EPCOT Center.
Site: Audience: Gen. Edu. JPL NASA News
Client: Alice Wessen
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/03/2001 - 0:04:38 Producer: Semerano

AVC-2001-062-1/1

GAVRT-Team Work in Science and Education
Intro: Gael Squibb, MGR. of INIS Directorate
Welcome: Dr. Charles Elachi, JPL Director
Remarks by: Daniel S. Goldin of NASA, Congressman Lewis, and Rick Piercy of Lewis Center
Students from various centers described the activities they did on C-JMOC.
Site: JPL-von Kármán Audience: Edu. JPL

Client: Shirley Wolff
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/04/2001 - 0:43:38 Producer: Parrillo

AVC-2001-063-1/1 **"Harvesting from Orbit" - Video File**
Farmers will be the first to use a new global positioning technology developed to make NASA satellites more efficient and cost-effective. The real-time global positioning system, developed at the Jet Propulsion Laboratory with NavCom Technology, Inc., works anywhere in the world.
Site: Audience: Edu. NASA News Resource
Client: NASA TV/Sullivant
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/07/2001 - 0:06:15 Producer: Gary Savona

AVC-2001-064-1/1 **von Kármán Lecture Series: "The Beginnings of a Legacy"**
VTV-902
Blaine Baggett, Executive Manager of the Office of Communications and Education, illuminates JPL's early history and its emergence into the space age.
This presentation is augmented by historic images and early film footage of past projects.
Site: von Kármán Aud. Audience: Gen. Edu.
Client: PSO/Kim Johansen
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/10/2001 - 1:08:45 Producer: Gary Savona

AVC-2001-066-1/1 **Galileo's Closest Flyby of Callisto - Video File**
On May 25, 2001 NASA's Galileo spacecraft, which as accomplished more flybys of assorted worlds than any other spacecraft, will perform its closest flyby yet. It will skim just 76 miles above Callisto, a moon of Jupiter. Callisto's gravity will sling shot it to Io later this year.
Site: Audience: Edu. NASA News Resource
Client: NASA TV/Webster
Master: BCAMsp Stored: Vendor Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/17/2001 - 0:09:11 Producer: Gary Savona

AVC-2001-067-1/1 **JPL's 2001 Open House Webcast**
Hosts: Alice & Randii Wessen. Guests: Yoseph Bar-Cohen, Duane Bindschadler, James Butts, John Callas, Nagin Cox, Ann Devereaux, Stephen Edberg, Lloyd French, Jackie Green, Robert Hogg, Bernardo Lopez, Neville Marzwell, Marc Rayman,

Michelle Thaller & Jorge Vazquez
Site: JPL Audience: Gen. Edu.
Client: Susan Reichley
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/19/2001 - 0:53:27 Producer: Savona

AVC-2001-071-1/1 **Recent Images from Mars Global Surveyor - Video File**
Newly released images from NASA's Mars Global Surveyor spacecraft taken during the extended mission phase, featuring: dust storms, dust devils, a recent image of "the face" and dark streaks that may be caused by avalanches.
Site: Audience: News Resource
Client: NASA HQ/Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/23/2001 - 0:03:25 Producer: Beck

AVC-2001-072-1/1 **Artificial Intelligence - Video File**
NASA software that thinks for itself and makes decisions without help from ground controllers will fly in 2002 onboard the Three Corner Sat spacecraft.
Site: Audience: Gen. Edu. JPL NASA News Resource
Client: Carolina Martinez
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/24/2001 - 0:09:01 Producer: Semerano

AVC-2001-075-1/1 **Two Years of Martian Weather - Video File**
MGS images taken of the Martian surface on a daily basis for two years were made into animated movies showing the movement of clouds, dust and the receding polar ice cap.
Site: Audience: Gen. Edu. JPL NASA News Resource
Client: NASA TV/Mary Hardin
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Silent 2: Silent
05/30/2001 - 0:03:10 Producer: Semerano/Kline

AVC-2001-076-1/1 **Future of Science & Technology: Debates in the World Economic Forum**
VTV-904 Are we in control of our own Technology?
Is Reproduction an Inalienable Right?
When will we know it all?
Dr. Freeman Dyson discusses the scientific & technological issues raised in these debates and their interests to scientists & engineers.

Site: von Kármán Aud. Audience: JPL
Client: Liz Hurera
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/23/2001 - 1:26:30 Producer: Greg Parrillo

AVC-2001-081-1/1 **Catalina Eddy animation**
NASA/JPL animation of the Catalina Eddy off the Southern California coast.
Site: Audience: News Resource
Client: Sullivant
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/11/2001 - 0:00:30 Producer: Kline

AVC-2001-083-1/1 **Earth & Mars at Opposition - Video File**
This animation depicts Mars and Earth at Opposition, when the two planets are as close to each other as the geometry of their orbits will allow. On June 21, 2001, Mars and Earth will be the closest they have been since 1988: 42 million miles.
Site: Audience: JPL NASA
Client: Hardin
Master: BCAMsp Stored: Client Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/18/2001 - 0:00:59 Producer: Kline

AVC-2001-084-1/1 **VPMA - Volunteer Professionals for Medical Advancement - Short Version**
A new review of a ten year old JPL Retiree's Hospital Project (VPMA). Presents five hospital tasks to interest technical retiree's all over the U.S. to form their own VPMA project in the VPMA national program.
** SHORT VERSION**
Site: JPL TV Studio Audience: Gen. Edu. JPL
Client: Herman Bank
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/19/2001 - 0:13:50 Producer: Greg Parrillo

AVC-2001-086-1/1 **Hawaiian Wake - Video File**
This animation shows how the Hawaiian Islands, standing tall in the middle of the steady trade winds, trigger an extraordinary interaction between wind and ocean that extends thousands of kilometers downward. Data from Earth-observing satellites was used to create this

animation.
Site: Audience: NASA News Resource
Client: NASA TV/Sullivant
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/20/2001 - 0:00:47 Producer: Savona

AVC-2001-087-1/1
VTV-905

von Kármán Lecture Series - "From Galileo to Gossamer"
This lecture examines how telescope technology has evolved over the centuries and how it will soon produce the most advanced space observatories ever built by humans. Inflatable "Gossamer" antennas will allow us to view neighboring black holes with 3,000 times better resolution than Hubble.
Site: von Kármán Aud. Audience: Gen. Edu.
Client: Comm. & Education
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
06/21/2001 - 1:10:27 Producer: Savona

AVC-2001-089-1/1

Artificial Intelligence (A.I.) Webcast
A look at current A.I. work at JPL and questions from viewers are answered by Dr. Edward Tunstel - FIDO engineer, Dr. Larry Matthies - machine vision, Barbara Engelhardt & Russell Knight - autonomous operation. Alice Wessen hosted. URBIE the rover appeared live.
Site: JPL Audience: Gen.
Client: Reichley
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/29/2001 - 0:32:37 Producer: Kline/Semerano

AVC-2001-090-1/1

Genesis Pre-launch - Video File
Genesis, a mission to the Sun to collect solar wind and return it to Earth, will launch July 30, 2001. The samples it brings back in a spectacular helicopter capture will help scientists learn over the next century about the origins of the solar system.
Site: Audience: NASA News Resource
Client: NASA TV/Heil
Master: BCAMsp Stored: Vendor Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/02/2001 - 0:14:48 Producer: Savona

AVC-2001-093-1/1

NASA's Jet Propulsion Laboratory Machine Shop - Video File
In the technical shop at NASA's JPL, diverse individuals

blend craftsman skills in modern computerized technology to fabricate mechanical prototypes and hardware for Earth and space exploration projects.
Site: Audience: Gen. Edu. JPL NASA News Resource
Client: Scafidi
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/05/2001 - 0:15:00 Producer: Semerano

AVC-2001-094-1/1 **Native American Educator Workshops - Video File**
Native American educators attend a two-week workshop at the NASA/JPL Educator Resource Center in Pomona, Calif. Teachers learn to increase student involvement while preserving Native Ameri-
can traditions. A highlight is the construction
of an inflatable planetarium.
Site: Audience: JPL NASA News Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/06/2001 - 0:13:24 Producer:

AVC-2001-095-1/1 **VPMA - Volunteer Professionals for Medical Advancement - Hospital Ver.**
A new review of a ten year old JPL Retiree's Hospital Project (VPMA). Presents five hospital tasks to interest technical retiree's all over the U.S. to form their own VPMA project in the VPMA national program. ** (HOSPITAL VERSION) **
Site: Audience: Gen. JPL
Client: Herman Bank
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/09/2001 - 0:17:55 Producer: Greg Parrillo

AVC-2001-097-1/1 **Mars Dust Storm - Video File**
This animation shows the largest dust storm seen on Mars since the MGS spacecraft arrived in 1997. The MGS Thermal Emission Spectrometer instrument has been mapping the temperature and amount of dust in the Martian atmosphere for over one Mars year (approx. 2 Earth years)
Site: Audience: News Resource
Client: M. Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/09/2001 - 0:01:20 Producer: Beck

AVC-2001-098-1/1
VTV-906

Genesis Mission & Science Pre-Launch News Conference
Panelists: Dr. Jay Bergsralh, Office of Space Science/NASA HQ
Dr. Donald Burnett, Genesis Principal Investigator/Caltech
Chester Sasaki, Genesis Project Manager/JPL
Dr. Mernakshi Nadhwa, Cosmochemist/Chicago, IL
Site: NASA HQ Audience: Tech. NASA
Client: Martha Heil-MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/11/2001 - 0:41:31 Producer: HQ (Ziats)

AVC-2001-099-1/1

Genesis Phase One
Overview of the Genesis Mission to collect solar wind and return it to Earth. Includes interviews with project members, footage of the clean room, Sun and spacecraft.
Site: Various sites Audience: Edu. JPL News Resource
Client: McRel/Gil Yanow
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
07/13/2001 - 0:06:57 Producer: Savona

AVC-2001-100-1/1

Jupiter from Above - Video File
Unexpectedly persistent polar weather patterns on Jupiter appear in a new movie clip from NASA's Cassini spacecraft showing 70 days of cloud movements on Jupiter.
Site: Audience: NASA News Resource
Client: NASA TV/Webster, Org. 180
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/13/2001 - 0:07:22 Producer: Savona

AVC-2001-101-1/1

Volcano Research Erupts - Video File
One of the best and safest ways to study volcanoes is from space. New spaceborne instruments let scientists peer deeply into volcanoes, monitor their changes and learn more about their behavior.
Site: Audience: NASA News Resource
Client: NASA TV/Sullivant
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/16/2001 - 0:19:47 Producer: Savona

AVC-2001-102-1/1

vKA Lecture - "Mars Exploration: From the Vikings to the 21stCentury"

VTV-907 --von Kármán Lecture Series--
Mars Exploration Rover Science Manager, Dr. John Callas explains how the Viking missions paved the way for current projects to explore Mars and changed our view of Mars and Earth.
Site: von Kármán Aud. Audience: Gen. Edu.
Client: Comm. & Education, Org. 180
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/19/2001 - 1:12:18 Producer: Savona

AVC-2001-105-1/1 **Viking 25th Anniversary Video**
A look back at the Viking 1 landing day on July 20th, 1976, as well as a look into the future of Mars exploration. Contains interviews with Tom Young, Viking Mission Director, and Jim Martin, Viking Project Manager.
Site: Audience: Edu. JPL Resource
Client: Christine Johnson
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
07/20/2001 - 0:06:45 Producer: Johnson/Beck

AVC-2001-106-1/1 **Altair, A Fast Spinning Star - Video File**
For the first time ever, a star spinning so fast its mid-section has stretched out has been observed by scientists using the Palomar Testbed Interferometer. An animation shows the relative spin and shape of Altair as compared with our Sun.
Site: Audience: Gen. Edu. JPL NASA News Resource
Client: NASA TV/Platt
Master: Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/23/2001 - 0:05:49 Producer: Semerano

AVC-2001-111-1/1 **Volcanic Encounter at Io's North Pole - Video File**
NASA's Galileo spacecraft will skim over the north pole of Jupiter's moon Io at 12:59 a.m. EDT Aug. 6, 2001 (9:59 p.m. PDT Aug. 5, 2001). The encounter will put the durable space robot in a good position to examine the site of a dramatic recent volcanic eruption.
Site: Audience: NASA News Resource
Client: NASA TV/Webster
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/31/2001 - 0:07:54 Producer: Savona

AVC-2001-112-1/1 **Comet-Bound Device MIRO Crosses Atlantic - Video File**
NASA's Jet Propulsion Laboratory has shipped a unique scientific instrument to Italy that will ride on the European Space Agency's Rosetta mission to a comet. The device, named Microwave Instrument for Rosetta Orbiter (MIRO) will begin orbiting Comet Wirtanen in November 2011.
Site: Audience: NASA News Resource
Client: NASA TV/Webster
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/03/2001 - 0:11:14 Producer: Savona

AVC-2001-114-1/1 **Genesis Launch & Signal Acquisition with Commentary**
NASA TV coverage of the Genesis spacecraft launch and Signal Acquisition from the spacecraft. Genesis, a mission to the Sun to collect solar wind and return it to Earth, launched on August 8, 2001, aboard a Delta II launch vehicle.
Site: Audience: News Resource
Client: Media Relations
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
08/08/2001 - 0:59:00 Producer: KSC/Savona

AVC-2001-116-1/1 **Mars Webcast**
Host Claudia Alexander with guests Roger Gibbs and Jeff Plaut.
Site: Audience: Gen.
Client: S. Richley
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/04/2001 - 0:30:00 Producer: Beck

AVC-2001-119-1/1 **Weird Spires on Jovian Moon - Video File**
The highest-resolution views ever obtained anywhere outside the asteroid belt were captured by NASA's Galileo spacecraft when it flew near Jupiter's moon Callisto in May 2001. One image shows spiky landscape of bright ice and dark dust; and the first complete color global of Callisto.
Site: Audience: NASA News Resource
Client: NASA TV/Webster
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Silent 2: Silent
08/20/2001 - 0:04:19 Producer: Savona

AVC-2001-123-1/1 **Tumbleweed Rover - Video File**

The "Tumbleweed Rover", is a giant, lightweight, inflated ball, with instruments inside, that could explore the Martain surface powered by wind. An animation shows how this concept might look when deployed on Mars. Jack Jones is interviewed.
Site: Audience: Gen. Edu. JPL NASA News Resource
Client: NASA TV/Martinez
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/24/2001 - 0:07:25 Producer: Semerano

AVC-2001-125-1/1
VTV-908

von Kármán Lecture Series - "Earthquake Prediction"
--von Kármán Lecture Series--
In Dr. Lucy Jones' talk about a practical approach to an impossible problem of earthquake prediction, Dr. Jones describes how scientists are moving from trying to predict individual events to evaluating the consequences of probability rates.
Site: von Kármán Aud. Audience: Gen. Edu.
Client: Comm. & Education
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
08/30/2001 - 1:16:24 Producer: Savona

AVC-2001-128-1/1

Challenges of Getting to Mars: Aerobraking
Part one in a series of four demonstrating the challenges of getting a spacecraft to Mars. This video describes how aerobraking is achieved. Mars Odyssey team members, Bob Mase, John Smith, and Dave Spencer explain how its done.
Site: Audience: Gen.
Client: C. Johnson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/18/2001 - 0:03:42 Producer: Beck

AVC-2001-129-1/1

Challenges of Getting to Mars: Interplanetary Cruise
Part two in a series of four demonstrating the challenges of getting a spacecraft to Mars. This video describes maneuvers performed during interplanetary cruise. Mars Odyssey team members, Bob Mase, Randii Wesson, and Larry Bryant explain how its done.
Site: Audience: Gen.
Client: C. Johnson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/19/2001 - 0:03:21 Producer: Beck

AVC-2001-130-1/1
VTV-910

von Kármán Lecture Series - "Extra-Terrestrial Life"
Dr. Pamela Conrad from JPL's Center for Life Detection presents some of the latest ideas for searching for life beyond Earth. Research is based on the idea that even though life elsewhere may assume a different form there may be universal features that can be detected.
Site: von Kármán Aud. Audience: Gen. Edu. JPL Resource
Client:
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
09/20/2001 - 1:08:00 Producer: Semerano

AVC-2001-131-1/1

Deep Space 1 Encounters a Comet - Video File
NASA's Deep Space 1 spacecraft collected images and other information as it flew near a comet named Borrelly on Sept. 22, 2001. The comet flyby was a successful bonus after the spacecraft had completed its primary task of test flying several advanced technologies.
Site: Audience: Gen. JPL NASA News
Client: Martha Heil
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
09/24/2001 - 0:22:55 Producer: Kline

AVC-2001-133-1/1

Seeing and Tasting Io's Tallest Plume - Video File
NASA's Galileo spacecraft flew through a giant volcanic plume emanating from Jupiter's moon Io. This video file includes stills from Galileo's encounter, an animation of Galileo passing through a volcanic plume on Io and interviews with sci- entists Dr. Claudia Alexander & Dr. Rosaly Lopes.
Site: Audience:
Client: Webster
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/03/2001 - 0:13:31 Producer: Kline

AVC-2001-134-1/1

Deep Space 1 News Conference
Pictures and other scientific data from the flyby of comet Borrelly by NASA's Deep Space 1 spacecraft was unveiled. Includes video file.
Participants: Dr. Tom Morgan, Dr. Marc Rayman, Dr, Robert Nelson, Dr. Larry Soderblom, Dr. David Young, Dr. Donald Yeomans
Site: von Kármán Aud Audience: JPL NASA

Client: Media Relations, Org. 1810
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
09/25/2001 - 1:28:00 Producer: Beck

AVC-2001-135-1/1 **Robotic Mini-Bulldozer - Video File**
Researchers at NASA's Jet Propulsion Laboratory, are conducting basic research on a new breed of rover, with tiny scoops to dig up and dump soil into an overhead bucket. Many years into the future, rovers like these may be used to look for life and build a Mars outpost.
Site: JPL Audience: Gen. News Resource
Client: Carolina Martinez
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/07/2001 - 0:09:58 Producer: Semerano

AVC-2001-136-1/1 **Challenges of Getting to Mars: Telecommunication**
Part three in a series of four demonstrating the challenges of getting a spacecraft to Mars. This video describes the difficulties in communicating with a spacecraft. Mars Odyssey team members, Bob Mase, and Randii Wesson explain.
Site: Audience: Gen.
Client: C. Johnson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/01/2001 - 0:03:04 Producer: Beck

AVC-2001-137-1/1 **Challenges of Getting to Mars: Orbit Insertion**
Part four in a series of four demonstrating the challenges of getting a spacecraft to Mars. This video describes Mars Orbit Insertion (MOI). Mars Odyssey team members, Bob Mase, and Dave Spencer explain how its done.
Site: Audience: Gen.
Client: C. Johnson
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/11/2001 - 0:03:42 Producer: Beck

AVC-2001-138-1/1 **Space Science Update - The Perfect Storm on Mars**
Science update discussing Dust Storms and their effects on Mars.
Panelists:
Dr. Jim Garvin Mars Prog. Scientist NASA-HQ;
Dr. Jim Bell Cornell Univ.;
Dr. Phillip Christensen Arizona State Univ.;

Dr. Michael Malin Malin Space Systems;
Dr. Richard Zurek JPL.
Q & A follows. Briefing begins after 4 min. Graphics preroll
Site: NASA-HQ Audience: Gen. News
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/11/2001 - 1:02:00 Producer: HQ [Borst]

AVC-2001-139-1/1 **GAVRT - Team Work in Science and Education - May 4, 2001 - Edited**
GAVRT - Team work in Science and Education event in von Kármán Auditorium. Participating students and teachers are honored for activities they did on C-JMOC. Dr. Charles Elachi, Gael Squibb, Dan Goldin, Congressman Jerry Lewis, Rick Piercy of Lewis Center. EDITED VERSION
Site: Audience: Edu.
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix AVC 2001-062
10/12/2001 - 0:38:25 Producer:

AVC-2001-141-1/1 **Mars Odyssey Pre-Arrival - Video File**
Trajectory animation, Cruise animation,
Trajectory Correction Maneuver animation,
Stow animation, MOI 1 animation, MOI 2 animation,
MOI close-up, Aerobraking close-up and Aerobraking wide shot
Site: Audience: Edu. NASA News Resource
Client: NASA TV/Hardin
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Silent 2: Silent
10/17/2001 - 0:10:13 Producer: Savona

AVC-2001-142-1/1 **von Kármán Lecture Series - "The Earth as Seen from Space"**
VTV-912 Dr. Robert Parker shows both familiar and unfamiliar locales from 200 miles up, and illustrates what we can learn about different characteristics of various features such as earthquake faults, volcanoes, clouds and currents.
Site: von Kármán Aud. Audience: Gen. Edu.
Client: Office of Comm./Edu.
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/18/2001 - 1:01:44 Producer: Savona

AVC-2001-147-1/1 **Mars Odyssey Animation - Video File**

Video file for 2001 Mars Odyssey's Mars Orbit Insertion, including animations of the spacecraft's journey from Earth to Mars, flight path and engine firing for Mars Orbit Insertion, and science animations for Odyssey's three instruments: MARIE, THEMIS, and GRS.
Site: JPL Audience: News Resource
Client: M. Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/22/2001 - 0:12:00 Producer: Beck/Johnson

AVC-2001-149-1/1 **2001 Mars Odyssey Pre-Arrival News Conference**
Discussed the critical orbit insertion burn.
Participants:
Dr. Jim Garvin, Mars Program Scientist, NASA HQ;
David A. Spencer, Odyssey Mission Mgr., JPL;
Bob Mase, Odyssey Lead Navigator, JPL;
Roger Gibbs, Odyssey Deputy Project Mgr., JPL;
Matt Landano, Odyssey Project Mgr, JPL.
Site: von Kármán Aud. Audience: Gen. News Resource
Client: Mary Hardin/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/18/2001 - 0:37:12 Producer: Beck

AVC-2001-150-1/1 **NASA Administrator Daniel Goldin's Announcement of Resignation**
VTV-913 Administrator Dan Goldin was appointed NASA Administrator April, 1, 1992, by President George H.W, Bush and became the Agency's longest-serving chief on March 5, 2001.
Site: NASA Audience: Edu. News
Client: NASA TV
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/18/2001 - 0:25:50 Producer: NASA

AVC-2001-151-1/1 **2001 Mars Odyssey Orbit Insertion Live Commentary**
VTV-914 Commentator: David Seidel (7:00PM - 8:30PM)
Interviews with: Orlando Figeroa, NASA Mars Program Director;
Robert Mase, Odyssey Lead Navigator;
Roger Gibbs, Odyssey Department Project Manager.
Site: BLDG. 230 Audience: News Resource
Client: Media Relations
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix
10/23/2001 - 1:26:00 Producer: Beck

AVC-2001-152-1/1
VTV-915

2001 Mars Odyssey Post Arrival Quick-Look News Conference
Moderator: Jane Platt, JPL Media Relations
Presenters: Dan Goldin, NASA Administrator
Matt Landano, Odyssey Project Manager, JPL
A quick look at orbit insertion maneuver and congratulations to the team.
Site: von Kármán Aud Audience: News Resource
Client: Media Relations, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/23/2001 - 0:13:52 Producer: Savona

AVC-2001-153-1/1
VTV-916

Dan Goldin Addresses JPL
Intro: Dr. Charles Elachi, JPL Lab Director thanks Dan Goldin for all the support he has given JPL throughout the years as NASA's Administrator.
Dan Goldin congradulates the Mars Odyssey Team for a successful orbit insertion and thanked JPLers for all their hard work. No Q&A.
Site: von Kármán Aud Audience: Tech. JPL
Client: Blaine Baggett, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/24/2001 - 0:20:00 Producer: Savona

AVC-2001-154-1/1
VTV-917

2001 Mars Odyssey Post-Arrival Summary News Conference
Moderator: Jane Platt, JPL Media Relations
Presenters: Dan Goldin, NASA Administrator
Matt Landano, Odyssey Project Manager, JPL; Bob Mase, Odyssey Lead Navigator, JPL; Bob Berry, Lockheed Martin; Dave Spencer, Odyssey Mission Manager and Dr. Steve Saunders, Odyssey Scientist
Site: von Kármán Aud Audience: News Resource
Client: Media Relations, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/24/2001 - 0:25:37 Producer: Savona

AVC-2001-156-1/1

2001 Mars Odyssey Arrival Day Compilation
Beginning with the official MOI day opening used for the live broadcast, then back to Odyssey launch, separation and animated journey to Mars and ending with celebratory footage of Odyssey team members in the Mission Support Area on

October 23rd.
Site: Audience: Gen.
Client: Charles Elachi
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/24/2001 - 0:04:45 Producer: John Beck

AVC-2001-157-1/1 **Computerized Eye Test - Video File**
A physicist at NASA's Jet Propulsion Laboratory, has created a five-minute vision test using a laptop computer with a touch-sensitive screen. The test can help diagnose the onset of eye diseases and can be administered almost anywhere.
Site: Audience: Gen. News
Client: Carolina Martinez
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/26/2001 - 0:08:32 Producer: Semerano

AVC-2001-158-1/1 **Passport to Knowledge: "Live from Mars 2001"**
Passport to Knowledge series for NASA/NSF/NOAA.
Aired live on PBS and NTV to classrooms.
This interactive show focused on the Mars Odyssey Mission one week after orbit insertion around Mars. Live video from the JPL Odyssey Mission Support Area (MSA) and the JPL Visitor Center. Hosted by Kurt Williams. Science Guests: Roger Gibbs, Vicky Hamilton, John Callas & David Seidel. Stephenie Lievense read e-mail questions.
See http://passporttoknowledge.com to purchase video and teacher's guide.
Site: JPL Audience: Gen. Edu.
Client: Passport to Knowledge, Org. 1800
Master: DV Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/30/2001 - 1:00:00 Producer: Geof Hanes-Stiles

AVC-2001-159-1/1 **Mars Mini-Bulldozer Rover - Web Production**
Narrated production with music for the web about the Mars Mini-Bulldozer which may one day be used on Mars for both the exploration of the planet as well as help build outposts and habitats for a possible human presence.
Site: JPL Audience: Gen.
Client: Viotti
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
10/31/2001 - 0:01:18 Producer: Semerano

AVC-2001-162-1/1 **Ultra-Violet Camera - Web Production**
Narrated production for the web about how certain living things possess bio-markers invisible to the naked eye yet can been seen through an ultra-violet camera developed at JPL, presenting the possibility that such a device could be used to try to detect life on other planets and moons.
Site: Audience: Gen.
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/08/2001 - 0:00:57 Producer: Semerano

AVC-2001-163-1/1 **GRACE Project Personnel Interviews**
Ab Davis, Mike Watkins and Victor Zlotnicki discuss the GRACE project and their roles in it.
Zlotnicki repeats his comments in Spanish.
Site: Audience: Edu. Resource
Client: Srinivasan
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/12/2001 - 0:44:02 Producer: Kline

AVC-2001-165-1/1 **Jason 1 Ocean-Viewing Satellite Set for Launch - Video File**
The Jason 1 satellite will catch the torch from the Topex/Poseidon mission in continuing observations and making precise measurements of ocean surface topography. Jason 1 will study interactions of the oceans and atmosphere and observe events like El Nino.
Site: Audience: News Resource
Client: NASA TV/Buis
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/14/2001 - 0:10:57 Producer: Savona

AVC-2001-166-1/1 **2001 Leonid Meteor Shower - Video File**
Animations, stills and an interview with JPL astronomer Dr. Don Yeomans explain why the November 2001 Leonid meteor shower is expected to give its best showing in decades.
Site: Audience: JPL NASA News Resource
Client: Heil
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/14/2001 - 0:10:02 Producer: Kline

AVC-2001-167-1/1 **Compilation of Mars Videos**

VTV-919 Odyssey pre-launch video -15mins, Odyssey launch -3mins, The Pathfinders -35:30, MGS Final Orbit -3mins, Viking 25th Anniversary -6:45, Mars Orbit Insertion Event -4:45, 2003 Rover animation -2mins, The Pathfinders (3 minute version)
Site: Audience: Gen. Resource
Client:
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
11/14/2001 - 1:15:00 Producer: Beck

AVC-2001-168-1/1 **Cassini on the Lookout for Gravitational Waves - Video File**
An experiment starting on Nov. 26, 2001, uses radio links between Earth and a distant NASA spacecraft to search for gravitational waves. Gravitational waves could provide a new way to examine events that set them off, such as the Big Bang or formation of black holes.
Site: Audience: NASA News Resource
Client: NASA TV/Webster
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/16/2001 - 0:09:48 Producer: Savona

AVC-2001-169-1/1 **Altair: A Fast Spinning Star - Web Production**
For the first time ever a star has been observed spinning so fast that its midsection is stretched,
as observed by the Palomar Interferometry Testbed.
Site: JPL Audience: Gen. News Resource
Client: Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/18/2001 - 0:01:07 Producer: Semerano

AVC-2001-170-1/1 **Jason 1 Pre-Launch Science Briefing**
Presenters: Dr. Ghassem R. Asrar, Assoc. Admin. for Earth Science-NASA; Dr. Eric Lindstrom, Oceanography Prog. Scientist; Dr. Nicole Papinean, Atmospheric Climate & Ocean-CNES & Charles Yamarone, Deputy Dir. of Earth Science & Tech.-JPL; Dr. Lee-Lueng Fu, Jason 1 Scientist
Site: NASA HQ Audience: News Resource
Client: Jason 1 / MRO
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
11/19/2001 - 0:54:00 Producer: HQ [Ziats]

AVC-2001-174-1/1 **2001 Mars Odyssey Launch, Telemetry Acquisition and Orbit**

Insertion
Launch: April 7, 2001
Orbit Insertion: October 23, 2001
Site: Audience: Resource
Client: Terry Himes
Master: BCAMsp Stored: Client Submaster:
Audio 1: Mono mix 2: Mono mix
11/27/2001 - 1:30:55 Producer: Kline

AVC-2001-177-1/1 **GRACE animation - excerpted from "The Oceans' Role in Climate"**
Animation shows how the GRACE mission measures Earth's varying gravity field very precisely.
GRACE = Gravity Recovery and Climate Experiment.
1. Narrated - (Textless Version)
followed by 10 seconds of black:
2. Texted - (Texted Version)
Site: Audience: JPL Resource
Client: Mona Jasnow
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Stereo 2: Stereo
11/28/2001 - 0:02:08 Producer: Kline/Savona

AVC-2001-179-1/1 **Rocking & Rolling Comet Borrelly - Video File**
Pictures taken from Deep Space 1's close flyby of Borrelly reveal jets and a rocky surface on the comet.
Site: Audience: News Resource
Client: Heil
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/28/2001 - 0:03:29 Producer: Kline

AVC-2001-180-1/1 **von Kármán Lecture Series - "The Hunt for Earth-like Planets"**
VTV-920 Dr. Charles Beichman, Chief Scientist for NASA's Origins Program, uses slides and animations that show how new technologies are being developed for finding smaller, Earth-like planets likely to harbor life around distant stars.
Site: JPL Audience: Gen.
Client: Public Services, Org. 1840
Master: BCAMsp Stored: Vendor Submaster:
Audio 1: Mono mix 2: Mono mix
11/29/2001 - 1:21:00 Producer: Semerano

AVC-2001-181-1/1 **Genesis' Solar Wind Sampler Picks Particles - Video File**

The Genesis mission begins collecting solar wind particles by opening up its collector arrays and turning on its instruments to allow the heavy atoms of the solar wind to embed themselves.
Interview with Dr. Donald Burnett, Genesis principal investigator.
Site: Audience: NASA News Resource
Client: NASA TV/Heil
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/30/2001 - 0:14:31 Producer: Savona

AVC-2001-182-1/1 **Martian South Pole Mesas and Pits in Frozen Carbon Dioxide**
Shows flyover of south polar region, dissolve between frozen layered terrain, animation of Mars Global Surveyor, and Zoom in of rotating Mars South Polar region.
Site: Audience: Resource
Client: M. Hardin
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/01/2001 - 0:05:00 Producer: Beck

AVC-2001-188-1/1 **VPMA- Volunteer Professionals for Medical Advancement-Retiree V3**
A new review of a ten year old JPL Retiree's Hospital Project (VPMA). Presents five hospital tasks to interest technical retiree's all over the U.S. to form their own VPMA project in the VPMA national program. **(RETIREE UPDATED VERSION)** Includes Bank modification.
Site: Audience: Gen. News
Client: Herman Bank
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/05/2001 - 0:20:00 Producer: Greg Parrillo

AVC-2001-189-1/1 **Jason 1 Launch - Video File**
NASA's Jason 1, an Earth-observing satellite, was launched Dec. 7, 2001, from Vandenberg Air Force Base, Calif. Jason 1 will monitor global climate interactions between the sea and the atmosphere.
1. Launch 2:02
2. Family & friends observe the launch :30
Site: Audience: News Resource
Client: Buis
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix

12/07/2001 - 0:04:23 Producer: Kline

AVC-2001-190-1/1 **Jason 1 Launch - Off-air**
Jason 1 launch from Vandenberg Air Force Base, Calif. This is a continuous recording as it came from the satellite. Some of the video is flawed due to transmission problems at Vandenberg -- particularly the launch itself.
Site: Audience:
Client: Alan Buis
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/07/2001 - 1:40:00 Producer: Kline

AVC-2001-192-1/1 **von Kármán Lecture Series - "The Ends of the Earth"**
VTV-922
Benjamin Holt, Research Scientist, Polar Oceanography Group, presents the most recent findings which show how the Arctic and Antarctic regions affects the Earth's climate.
Site: JPL Audience: Gen.
Client:
Master: Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/13/2001 - 1:10:00 Producer: Semerano

AVC-2001-193-1/1 **Cliff-bot Rover - Video File**
Researchers at NASA's Jet Propulsion Laboratory are developing a new breed of rovers that may explore the steep hills and gullies of the Red Planet. Called "cliff-bots", these rovers work in teams of three.
Site: JPL Audience: Gen. News Resource
Client: Martinez
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/14/2001 - 0:13:52 Producer: Semerano

AVC-2001-194-1/1 **Goodbye to Deep Space 1 - Video File**
NASA's wildly successful Deep Space mission ends on December 18, 2001. The mission was extended and the spacecraft flew by comet Borrelly in September 2001, producing the highest-resolution pictures of a comet ever taken.
Site: Audience: Tech. NASA Resource
Client: NASA TV/Heil
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/14/2001 - 0:13:41 Producer: Savona

AVC-2001-196-1/1 **"The Cliffbot: A Future Robotic Rover" - Web Production**
The cliffbots are rovers that may one day explore the sides of channels on Mars. Working in teams of three, the rovers, like mountain climbers on Earth, can help each other descend down deep slopes as they search for evidence of past water flows and even fossilized life on the Red Planet.
Site: Audience: Gen. News
Client: Viotti
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/20/2001 - 0:01:28 Producer: Semerano

AVC-2001-197-1/1 **"Goodbye to Deep Space 1" - Web Production**
NASA's wildly successful Deep Space mission ends on December 18, 2001. The mission was extended and the spacecraft flew by comet Borrelly in September 2001, producing the highest-resolution pictures of a comet ever taken.
Site: Audience: Gen. News
Client: Heil/Reichley
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/18/2001 - 0:01:30 Producer: Savona

AVC-2001-198-1/1 **"Rover Roundup: A New Generation of Robotic Explorers" – Webcast**
The Tumbleweed, Cliffbot, Mini-bulldozer and Workercrew robots are four new robotic explorer designs that use different strategies to explore the surface of Mars and may one day prepare the way for human habitation.
Site: Audience: Gen. News
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
12/24/2001 - 0:01:58 Producer: Semerano

AVC-2002-002-1/1 **Robotic Workcrew - Video File**
Robotic systems that can work together to complete tasks are currently under development at NASA's Jet Propulsion Laboratory. Teams of rovers that can assemble solar arrays and build a base may one day be deployed to Mars to help construct a scientific station or even build a human habitat.
Site: Audience: Gen. JPL NASA News Resource
Client: Martinez
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

01/07/2002 - 0:13:46 Producer: Semerano

AVC-2002-003-1/1 **Cryobot Passes Arctic Test - Video File**
NASA's Cryobot team braves freezing weather on Arctic Glacier to successfully test probe. Dramatic footage of team at work on glacier as well as interview with Cyrobot Task Manager Lloyd French.
Site: Audience: Gen. News
Client: NASA HQ
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/08/2002 - 0:18:10 Producer: Beck

AVC-2002-004-1/1 **Galileo Says Bye Bye to Io - Video File**
NASA's durable Galileo spacecraft makes its last flyby to Jupiter's moon Io. This flyby is just 100 kilometers (62 miles) above Io's surface.
An edited web production follows the video file. It is 1:28 in length.
Site: Audience: Gen. JPL NASA News Resource
Client: NASA TV/Webster
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/11/2002 - 0:12:48 Producer: Savona

AVC-2002-005-1/1 **"Women in Science-Mentors at NASA's Jet Propulsion Laboratory"**
A discussion among women scientists at JPL about their experiences and efforts in encouraging young students to get involved in science & engineering. Presented in a talk show format and hosted by Stephenie Lievense, the participants answered questions from the audience & the Chabot Center.
Site: Audience: Gen. JPL
Client: Stephenie Lievense
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/13/2001 - 1:01:00 Producer: Semerano

AVC-2002-006-1/1 **Passport to Knowledge - Live from Mars Demo**
A shortened version of the Odyssey Orbit Insertion showing highlights of the hour long live show.
Site: Audience: Resource
Client: M. Viotti
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/14/2001 - 0:05:00 Producer: Stiles/Beck

AVC-2002-007-1/1 **NASA Releases Continental U.S. SRTM Data - Video File**
NASA's Jet Propulsion Laboratory, Pasadena, Calif., has released the high-resolution topographic data of the continental United States collected during the February 2000 Shuttle Radar Topography Mission. Includes flyovers of California and high-resolution images.
Site: Audience: Gen. JPL NASA News Resource
Client: NASA TV/Buis
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
A 1:53 Web Production follows video file
01/18/2002 - 0:23:52 Producer: Savona

AVC-2002-008-1/1 **SRTM's Flyovers of California and San Francisco and Web Production**
NASA's Jet Propulsion Laboratory created these 3-D flyovers of California and the San Francisco area from Shuttle Radar Topography Mission (SRTM) data.
1st on tape is California flyover with slate;
2nd on tape is San Francisco flyover with slate;
Repeats once without slates; And web production. follows.
Site: Audience: Gen. Edu. Resource
Client: Mona Jasnow
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
A narrated web production follows flyovers.
01/23/2002 - 0:08:07 Producer: Savona

AVC-2002-010-1/1 **von Kármán Lecture Series - "The Winds and Beyond"**
VTV-925
Dr. Mike Spencer discusses how radar placed in orbit can help observe the Earth's climate. Radar instruments are able to penetrate clouds and "see" phenomena which are unobservable to conventional satellite-based cameras.
Site: v.k. auditorium Audience: Gen.
Client: PSO/Razze
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/24/2002 - 0:54:30 Producer: Savona

AVC-2002-012-1/1 **NASA Administrator Sean O'Keefe's Inaugural Visit – Video File**
The new head of NASA, Sean O'Keefe escorted by JPL Director, Dr. Charles Elachi tours the laboratory and afterward addresses JPL employees in von Kármán auditorium.

Site: JPL Audience: Gen. JPL NASA News Resource
Client: NASA TV/McGregor
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/30/2002 - 0:06:37 Producer: Semerano/Savona

AVC-2002-013-1/1 **Odyssey Team Graveyard Shift**
Pete Antreasian, Darren Baird and Brian Kennedy are Odyssey Navigators who give a glimpse into what it has been like working the graveyard shift at JPL. They've been working around the clock as they end the Odyssey spacecraft's aerobraking phase and begin preparations for the mapping phase.
Site: Audience: Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
01/31/2002 - 0:03:00 Producer: Beck/Johnson

AVC-2002-014-1/1 **"Supercomputer Simulates Black Hole Energy Jets" – Video File**
Scientists used a supercomputer to mimic a swirling black hole squirting powerful energy jets. This technique is similar to weather prediction methods.
Site: Audience: Gen. Edu. News Resource
Client: Jane Platt
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/01/2002 - 0:06:00 Producer: Semerano

AVC-2002-022-1/1 **30 yrs. of Remote Sensing Experience Shines at 2002 Olympics -Video File**
A collection of specially rendered satellite imagery designed to highlight the Salt Lake City region. Included is a 20-second 3-D tour of the Olympic venues, a look at seasonal change near Salt Lake, a glimpse at some of the profound changes over the past 30 yrs near Salt Lake City and a look at how data from satellites are now being used to build advanced "Virtual Climate" models that can help predict seasonal changes (snowfall amounts) in the region.
Site: NASA HQ Audience: Tech. NASA
Client: Media Relations, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/08/2002 - 0:28:00 Producer: NASA HQ

AVC-2002-023-1/1 **VPMA Story IV**
A new review of a ten year old JPL Retiree's Hospital Project (VPMA). Presents five hospital tasks to interest technical retiree's all over the U.S. to form their own VPMA project in the VPMA national program.
Site: Audience: Resource
Client: Herman Bank
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/10/2002 - 0:20:20 Producer: Kline

AVC-2002-028-1/1 **Journey to the Planets and Beyond: Mariner 2 and Voyagers 1 and 2**
In this new museum dedication and celebration marking the 40th anniversary of Mariner 2 and the 25th anniversary of Voyager 1 and 2, Dr. William Pickering, Dr. Bruce Murray, Dr, Ed Stone and Dr. Charles Elachi give their historical perspectives.
Site: von Kármán Aud. Audience: JPL Resource
Client: Blaine Baggett
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/15/2002 - 0:21:51 Producer: Savona

AVC-2002-029-1/1 **Black History Month - Video File**
In celebration of Black History Month engineers at NASA's Jet Propulsion Laboratory, Pasadena, Calif., discuss their contributions to the future of NASA and JPL missions.
Site: JPL Audience: Gen. News
Client: Xaviant Ford/MRO, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/20/2002 - 0:07:32 Producer: Parrillo/Semerano

AVC-2002-030-1/1 **"Dark Vortex near Jupiter's North Pole" - Video File**
Ultraviolet movie of Jupiter by Cassini gives polar view of high atmosphere including a dark vortex.
Site: Audience: News Resource
Client: Guy Webster
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/21/2002 - 0:07:59 Producer: Semerano

AVC-2002-032-1/1 **Genesis Webcast - for Introduce a Girl to Engineering Day**
Teacher and students perform gravity experiments. Jennie Johannesen, Trajectory Analyst, and Chet Sasaki, Genesis

Project Manager, answer questions from students about gravity and the Genesis project.
Site: Audience: Gen. JPL
Client: Martha Heil
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Stereo 2: Stereo
02/21/2002 - 0:12:25 Producer: Henry Kline

AVC-2002-033-1/1
VTV-929

von Kármán Lecture Series - "Artificial Muscles"
Dr. Yoseph Bar-Cohen reviews current and future efforts being made and considered with electroactive polymer materials which can potentially provide actuation with lifelike response and flexible configurations.
Site: von Kármán Aud. Audience: Gen.
Client: PSO/Razze
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/21/2002 - 1:02:15 Producer: Savona

AVC-2002-036-1/1

"Dark Vortex Near Jupiter's North Pole" - Web Production
The ultra-violet camera on-board the Cassini spacecraft images a never before seen dark vortex swirling around Jupiter's north pole, in this production for the web narrated by Dr. Robert Wise.
Site: Audience: Gen. JPL NASA News
Client: Guy Webster
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/25/2002 - 0:01:32 Producer: Semerano

AVC-2002-037-1/1

"Magnetic Environment Whirls Around Jupiter" - Video File
Studies of Jupiter's magnetosphere by Cassini and other spacecraft as reported in Nature papers. Animations show how Cassini mapped radiation belts around Jupiter.
Site: JPL Audience: News Resource
Client: Guy Webster
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/26/2002 - 0:10:20 Producer: Semerano

AVC-2002-038-1/3

NASA's Posture Hearing on the FY 2003 Budget
On Wednesday, February 27, NASA Administrator Sean O'Keefe appeared before the House Committee on Science, NASA Posture Hearing on the FY 2003 Budget. The hearing marked Mr. O'Keefe's first appearance before the House Committee as the NASA Administrator

Site: Audience: Gen. News Resource
Client: McGregor
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/28/2002 - 1:00:00 Producer: NASA TV

AVC-2002-038-2/3 **NASA's Posture Hearing on the FY 2003 Budget**
On Wednesday, February 27, NASA Administrator Sean O'Keefe appeared before the House Committee on Science, NASA Posture Hearing on the FY 2003 Budget. The hearing marked Mr. O'Keefe's first appearance before the House Committee as the NASA Administrator
Site: Audience: Gen. News
Client: McGregor
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/28/2002 - 1:00:00 Producer: NASA TV

AVC-2002-038-3/3 **NASA's Posture Hearing on the FY 2003 Budget**
On Wednesday, February 27, NASA Administrator Sean O'Keefe appeared before the House Committee on Science, NASA Posture Hearing on the FY 2003 Budget. The hearing marked Mr. O'Keefe's first appearance before the House Committee as the NASA Administrator
Site: Audience: Gen. News
Client: McGregor
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
02/28/2002 - 0:10:00 Producer: NASA TV

AVC-2002-040-1/1 **Mars Odyssey: Mapping Begins -- Press Briefing**
Press Briefing followed by graphics & video roll-ins. Michael Meyer, Steve Saunders, Phil Christensen, Bill Boynton, Frank Cucinotta, Roger Gibbs.
00:36:47:00 - 00:41:05:00 = Graphics & video
NOTE: First minute of briefing is missing.
Site: Audience: News Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/01/2002 - 0:40:05 Producer:

AVC-2002-041-1/1 **"Jupiter's Radiation Belts" - Web Production**
Dr. Scott Bolton, JPL physicist, narrates a web production highlighting Cassini's latest discoveries about Jupiter's radiation belts.

Site: Audience: Gen. JPL NASA News
Client: Guy Webster
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/05/2002 - 0:01:28 Producer: Semerano

AVC-2002-044-1/1 **GRACE Pre-Launch Press Conference**
Live from NASA HQ.
Panel: Dr. Ghassem R. Asar-Assoc. Admin. for Earth Sci., Dr. Byron Tapley-Grace Prin. Investigator, Dr. Michael Watkins-Grace Proj. Scientist,JPL, Mr. Rolf Huber-German Aerospace Center, Dr. John L. LaBrecque-Mgr. Solid Earth & Nat. Hazards Prg.
Site: NASA HQ Audience: News Resource
Client: Alan Buis/MRO 1, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/07/2002 - 0:48:30 Producer: NASA HQ

AVC-2002-046-1/1 **von Kármán Lecture Series - "Autonomous Navigation for Urban Robots"**
VTV-930 Robert Hogg discusses mobile robots and demonstrates how JPL-built "Urbie" can travel on level surfaces, over curbs, up and down stairs, and over rubble using an autonomous navigation system that can avoid obstacles, along the way.
Site: von Kármán Aud. Audience: Gen. Edu. JPL
Client: Office Of Communication
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/12/2002 - 1:07:43 Producer: Savona

AVC-2002-049-1/1 **Grace - Video File**
ITEM 3-Amazing Grace: The best look yet at Earth's invisible gravity field-GSFC
Gravity-It's the unseen hand that roots humanity firmly to the ground and helps control the motion of the oceans. It's a force of nature like no other, working to pull two masses together. Just like the life it plants on the surface of the Earth, gravity is ever changing. When mass moves within the planet's atmosphere, ocean , land, or frozen surface (cryosphere), the gravity field moves as well. NASA's gravity recovery and climate experiment (Grace), launching in March 2002, will give scientists around the globe the most accurate look yet at the face of gravity and how it shapes our world.

Site: GSFC Audience: News Resource
Client: Xaviant Ford, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/19/2002 - 0:17:00 Producer: GSFC

AVC-2002-050-1/1 **Building Better Airbags - Web Video**
Mini-documentary about airbag testing at Plumbrook Lab.
Site: Audience: JPL Resource
Client: Christine Johnson
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Stereo 2: Stereo
03/21/2002 - 0:02:02 Producer: Beck/Kline

AVC-2002-052-1/1 **Sally Ride's Science Festival - Video File**
This community science festival was designed to encourage middle school girls to pursue their interests in science and math. B-roll and interviews with Dr. Ride and Dr. Andrea Donnellan, Geophysicist and Deputy Manager, Earth and Space Sciences, JPL.
Site: Audience: News Resource
Client: Sharkey/Martinez
Master: DV Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
03/27/2002 - 0:06:09 Producer: Kline

AVC-2002-054-1/1 **Asteroid 1950 DA - Video File**
On March 16, 2880, asteroid 1950 DA will have a potential close encounter with Earth, which will most likely be a miss. Includes: radar images of rotating asteroid, still of trajectory, still of color radar image, and interview with Jon Giorgini, JPL senior engineer.
Site: Audience: News Resource
Client: Heil
Master: Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/02/2002 - 0:09:33 Producer: Kline

AVC-2002-055-1/1 **Asteroid 1950 DA and its Encounter with Earth in A.D. 2880**
Animations of statistical encounter of 1950 DA with the Earth in A.D. 2880, along with Arecibo radar movie from March 4, 2001 and descriptive text.
Site: JPL Audience: JPL Resource
Client: Jon Giorgini
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

04/05/2002 - 0:07:00 Producer: SSV

AVC-2002-057-1/1
VTV-932

NASA Administrator Sean O'Keefe Outlines Agency's Future
In his first major policy address since being sworn in as NASA Administrator in late 2001, Sean O'Keefe outlines the future direction of the space agency at Maxwell School of Syracuse University.
Q&A followed address.
Site: Syracuse Univ. Audience: Tech. NASA
Client: NASA HQ, Org. 1820
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/12/2002 - 1:18:45 Producer: Borst

AVC-2002-058-1/1

FIRST Robotics Southern California Regional Competition
The competition took place April 4-6, 2002, at the Los Angeles Memorial Sports arena with sixty teams, comprised of high-school students and mentors. NASA and JPL sponsored over 35 of the teams. Volunteers from JPL served as team mentors.
Site: Audience: NASA
Client: Sharkey
Master: DV Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/11/2002 - 0:12:00 Producer: Kline

AVC-2002-060-1/1

NASA's Role in Studying the Ocean From Space
Dr. W. Timothy Lui, Quickscat Project Scientist,
Dr. William.C. Patzert, JPL Oceanographer, and
Dr. Michael M. Watkins, JPL GRACE Project Scientist, explain how GRACE, Jason 1, and Topex/Posiedon missions improve our knowledge of climate and weather forecasting.
Site: Audience: Gen. Edu. NASA News Resource
Client: Buis
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/11/2002 - 0:10:47 Producer: Kline

AVC-2002-066-1/1
VTV-934

von Kármán Lecture Series - "The Changing Ozone Layer"
Ross Salawitch discusses the steady erosion of the protective ozone layer during the past decades, is associated with emissions of industrially produced CFC's. Recently, scientists have found that subtle changes in Earth's climate may also play a role in ozone depletion.
Site: von Kármán Audience: Gen.
Client: Communication & Ed., Org. 1800

Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/18/2002 - 1:08:54 Producer: Savona

AVC-2002-067-1/1 **Aqua Satellite Pre-Launch Press Briefing from NASA-HQ**
Briefing from HQ concerning Aqua mission launching from Vandenberg AFB. Panelists; Dr. Ghassem Asrar, Assoc. Admin. Earth Sciences NASA; Phil Sabelhaus Aqua Proj. Man. GSFC; Claire Parkinson Aqua Proj. Scientist GSFC.
The primary role of Aqua which will launch from Vandenberg AFB is to gather info about water in the Earth's system. Aqua will collect data on global precipitation, evaporation and the cycling of water.
Site: NASA HQ Audience: Gen. News
Client: Alan Buis
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/22/2002 - 0:48:00 Producer: NASA HQ

AVC-2002-068-1/1 **NASA Earth Day Webcast: Any More Earths Out There?**
NASA scientists discuss how the search for another Earth outside our solar system might help us learn more about our own past and future. Dr. Rolf Danner, Dr. Rachel Akeson, Dr. Karl R. Stapelfeldt, Dr. Victoria Meadows and host Randii Wessen.
Site: T.V. Studio Audience: Gen. Edu. JPL
Client: Randal Jackson
Master: DVCPRO Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/22/2002 - 1:03:04 Producer: Greg Parrillo

AVC-2002-070-1/1 **Space Science Update: Clockwork Stars and the Age of the Universe**
Pushing the limits of its powerful vision, NASA's Hubble Space Telescope has uncovered the oldest burned-out stars in our Milky Way Galaxy. These extremely old, dim stars provide a completely independent reading of the universe's age without relying on measurements of the universe's expansion. The ancient white dwarf stars, as seen by Hubble, turn out to be 12 to 13 billion years old. Because earlier Hubble observations show that the first stars formed less than 1 billion years after the universe's birth in the big bang, finding the oldest stars puts astronomers well within arm's reach of calculating the absolute age of the universe.
Site: Audience: Tech. NASA News
Client: Jane Platt, Org. 1810

Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/24/2002 - 0:45:00 Producer: NASA HQ

AVC-2002-071-1/1 **Earth Imaging from Space**
Ten animated movies of Earth based on data from Spaceborne Imaging Radar, Topex, Microwave Limb Sounder, Shuttle Radar Topography Mission, Scatterometer and GRACE.
Site: Audience: Gen. Resource
Client:
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
04/29/2002 - 0:05:07 Producer: Semerano

AVC-2002-073-1/1 **Journey to the Planets and Beyond for the Air & Space Presentation**
VTV-939
This high definition program celebrates 40 years of interplanetary space exploration. JPL project members tell the following stories: Why We Explore the Planets, The Third Rock, Rough Guide to Mars, The Big Spacecraft That Could, Lord of the Rings, Rocks & Ice and Beyond the Planets.
Site: Audience: Gen. JPL
Client: Dr. Charles Elachi
Master: HDCam Stored: 186-B10 Submaster: DVCPro
Audio 1: Stereo 2: Stereo
16:9 HD format 1080i/30
05/06/2002 - 0:20:10 Producer: Baggett/Savona

AVC-2002-074-1/1 **Director's Topical Seminar - "Looking for Life in Unlikely Places"**
VTV-936
Dr. Freeman Dyson talks about a new method of searching for extraterrestrial life adapted to cold environments far from the sun. Any living vegetation will be seen as a bright patch in strong contrast to its dark surroundings, like the eyes of nocturnal animals in car headlights.
Site: von Kármán Aud. Audience: Gen. JPL
Client: Dr. Prince, Org. 1000
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/06/2002 - 1:05:21 Producer: Savona

AVC-2002-075-1/1 **40th Anniversary Celebration at National Air & Space Museum**
VTV-938
Festivities held at National Air & Space Museum on May 7 for the 40th Anniversary of Mariner 2, the beginning of robotic interplanetary missions. Participants include Ed Weiler, NASA Associate Administrator for Space Science; Former Directors of JPL: Dr. William Pickering, Dr. Bruce

Murray, Gen. Lew Allen (by videotape) and Dr. Ed Stone; Tom Young Mission Director, Viking Project; Charles Elachi, current Director of JPL; Rep. David Drier, R-California; Rep. Adam Schiff, D-California; Donald Lopez, Director, National Air & Space Museum; Sean O'Keefe, NASA Administrator.
Production of "Journey to the Planets" (AVC-2002-073) is at end of festivities.
Site: NASA HQ Audience: Gen.
Client: Baggett, Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/07/2002 - 1:09:00 Producer: NASA HQ

AVC-2002-076-1/1
VTV-937

von Kármán Lecture Series - "The Odyssey to Mars"
The talk describes how Odyssey is unveiling mysteries of Mars' mineral and elemental composition, and how Odyssey fits into the broader Mars Exploration Program objective to "follow the water", seeking to determine if life ever arose on Mars.
Site: von Kármán Aud. Audience: Gen.
Client: Communication & Ed., Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/09/2002 - 1:23:15 Producer: Savona

AVC-2002-081-1/1

The Launch of Grace -- March 18, 2002
Compilation tape:
1. Footage of the Grace launch.
2. Diagrams showing the separation of the two Grace spacecraft from the Breeze upper stage.
3. An animation of that separation.
4. FGAN radar imagery of the separation.
5. An animation of the two spacecraft in their tandem orbit.
Site: Audience: Resource
Client: M. Srinivasan
Master: DVCPro Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/21/2002 - 0:02:33 Producer: Kline

AVC-2002-082-1/1

Mars has Layered Look/Water Ice in Odyssey Images – Video File
Animation showing simulated flight over part of Valles Marineris, a large canyon system on Mars. Next are Infrared images of the regions Terra Meridiani and Candor Chasma followed by Mars Odyssey Spacecraft Gamma Ray Spectrometer and Martian hydrogen abundance animation.

Site: Audience: Gen. News
Client: NASA HQ
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/25/2002 - 0:07:20 Producer: Beck/Webster

AVC-2002-085-1/1 **Weighing Earth and Its Oceans - GRACE**
An Edited production on the Gravity Recovery Climate Experiment (GRACE).
Site: Audience: Gen. Edu. Resource
Client: GSFC/NASA TV
Master: BCAMsp Stored: 186-B10 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/03/2002 - 0:15:15 Producer: Jim Lynch & assoc.

AVC-2002-091-1/1 **Countour (Comet Nucleus Tour) Mission Science Briefing**
A discussion about the mission to Comets Enke and Schwassmann-Wachmann-3
Partcipants:
Dr. Colleen Hartman, NASA HQ;
Dr. Joseph Veverka, Cornell University;
Dr. Don Yeomans, JPL;
Mary Chiu, John Hopkins University;
Dr. Robert Farquhar, John Hopkins University.
Site: NASA-HQ Audience: Gen. News Resource
Client: MRO-Martha Heil, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/12/2002 - 0:58:00 Producer: NASA HQ

AVC-2002-092-1/1 **Space Science Update-Solar System Simular to Ours Discovered**
Announcing discovery of new planets around other stars in our galaxy. Cancer constellation.
Participants:
Dr. Anne Kinney, NASA HQ;
Dr. Geoffrey Marcy, UC Berkley;
Dr. R. Paul Butler, Institute of Washington;
Dr. Alycia Weinberger, Carnegie;
Dr. David Spergel, Princeton.
Site: NASA HQ Audience: NASA News Resource
Client: MRO-Jane Platt, Org. 1810
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/13/2002 - 0:57:06 Producer: NASA HQ

AVC-2002-096-1/1 **Comets, Asteroids and the Interplanetary Shooting Gallery**

VTV-941 **-- von Kármán Lecture Series --**
Dr. Donald Yeomans describe how comets and asteroids brought building blocks of life to an early Earth, and later caused worldwide extinctions, and steps now being taken to ensure that a future asteroid or comet will not affect evolution.
A presentation of the Office of Communications and Education.
Site: von Kármán Aud Audience: Gen.
Client: Communication & Ed., Org. 1800
Master: BCAMsp Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
06/20/2002 - 1:14:47 Producer: Savona

AVC-2002-100-1/1 **Binary Black Holes - Web Spotlight**
Web video featuring animation illustrating properties of binary black holes.
Site: Audience: Gen. Edu. News Resource
Client: Platt
Master: DVCPro Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
05/14/2002 - 0:01:17 Producer: Semerano/Kline

AVC-2002-102-1/1 **SRTM Begins Release of International Data - Video File**
NASA and the National Imagery and Mapping Agency are beginning the release of international topography data collected from around the world by the Shuttle Radar Topography Mission. Applications include earthquake and volcano studies, communication, aviation safety, land use planning.
Site: Audience: Gen. News Resource
Client: NASA TV/Sullivant
Master: DVCPro Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
2:00 Web Production follows the Video File
06/28/2002 - 0:29:27 Producer: Savona

AVC-2002-103-1/1 **Aerogel - World's Lightest Solid - Video File**
Aerogel is a silcon-based solid form. A thousand times less dense than glass. NASA's Stardust mission will use aerogel to encapsulate interstellar and comet dust particles and bring samples back to Earth in 2006.
Site: Audience: Gen. News Resource
Client: NASA TV/Heil
Master: Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix

07/08/2002 - 0:14:33 Producer: Semerano

AVC-2002-104-1/1 **Contour Launch**
Satellite Downlink
Launch at 47:00 Min.
Site: KSC Audience: NASA News Resource
Client: NASA HQ
Master: sVHS Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/02/2002 - 2:00:00 Producer: NASA HQ

AVC-2002-106-1/1 **Journey to the Planets -- in 7 self-contained segments**
Segmented version of "Journey to the Planets": 40 years of interplanetary space exploration. JPL project members tell the following stories: Why We Explore the Planets, The Third Rock, Rough Guide to Mars, The Big Spacecraft That Could, Lord of the Rings, Rocks & Ice and Beyond the Planets.
7 segments, each w/ opening title & closing logo.
"1962"
"The Third Rock"
"Rough Guide to Mars"
"The Big Spacecraft that Could"
"Lord of the Rings"
"Rocks and Ice"
"Beyond the Planets"
Site: Audience: JPL
Client: Watanabe
Master: DVCPro Stored: 186-B10 Submaster:
Audio 1: Mono mix 2: Mono mix
07/15/2002 - 0:21:46 Producer: Kline/Baggett

AVC-2002-112-1/1 **Voyager's 25th Anniversary**
VTV-948 Voyager team members reminisce over the Voyager 1 and 2 accomplishments on their mission to Jupiter, Saturn, Neptune, Uranus and beyond. Team members: Bud Schurmeier, Bob Parks, Tom Gavin, Chris Jones, Rich Terrile, Ed Stone, Linda Spiker, Eric De Jong, Bruce Murray & William Burroughs.
Audience: Gen.
Client: , Org. 1800
Master: HDCam Submaster: BCAMsp
Audio 1: Stereo 2: Stereo
08/08/2002 - 0:09:29 Producer: Baggett/Kline

AVC-2002-113-1/1 **von Kármán Lecture Series - "Jupiter's Moon Io"**
VTV-943 Dr. Rosaly Lopes-Gautier discusses Galileo's

unprecedented results of Jupiter's moon Io. It is the only place outside Earth where active volcanoes are rampant. Some of the most exciting discoveries from the Galileo mission to Jupiter have been about Io's volcanoes.
Audience: Gen. Site: von Kármán Aud.
Client: Communication & Ed., Org. 1800
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/18/2002 - 1:22:10 Producer: Savona

AVC-2002-114-1/1
VTV-955

Mars Exploration Rover MER 2003 Animation (with sound effects)
Pre-launch animation showing 2003 MER mission from launch to entry, descent and landing.
Created by Dan Mass.
Audience: Tech. Resource
Client: Mars Outreach
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/01/2002 - 0:07:20 Producer: Squyres

AVC-2002-116-1/1

Pathfinder 5th Anniversary Web Video
Short web video reflecting back on the Mars Pathfinder Mission, including new interviews with Brian Muirhead, Rob Manning and Tom Rivellini.
Audience: Gen.
Client: Mars Project Office
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/31/2002 - 0:02:48 Producer: John Beck

AVC-2002-118-1/1

AIRS/Aqua "Thermometer in the Sky" - Video File
NASA's new "thermometer in the sky," a suite of three advanced weather instruments aboard the Aqua spacecraft, will help track severe weather events. The experiment system with its visible, infrared, and microwave detectors, provides a 3-D look at Earth's weather.
Audience: Gen. News Resource
Client: NASA TV/Buis
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/05/2002 - 0:32:14 Producer: Savona

AVC-2002-121-1/1

TOPEX/Poseidon "Watching for the Next El Nino" - Video File
Over the past decade, TOPEX/Poseidon has continuously mapped global ocean surface topography, leading to a fundamental new understanding of the dynamics of ocean circulation that

affects climate change.
Audience: Gen. NASA News Resource
Client: NASA TV/Buis
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/09/2002 - 0:20:30 Producer: Savona

AVC-2002-122-1/1 **California from Space**
California as seen through JPL's spacecraft imaging.
Narrated by Michael Kobrick, Michael Abrams, Lee-Leung Fu
and David Diner.
Audience: Gen.
Client: Baggett
Master: DVCPro50 Submaster: BCAMsp
Audio 1: Left 2: Right
08/13/2002 - 0:04:25 Producer: Kline

AVC-2002-124-1/1 **Voyager Continues Where None Have Gone Before - Video File**
Twenty-five years after its two identical spacecraft
launched, NASA's Voyager mission continues to examine
previously unexplored reaches of the solar system. The two
have made many discoveries, such as volcanoes on Jupiter's
moon Io, spoke-like features in Saturn's rings.
Audience: Gen. News Resource
Client: NASA TV/Webster
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/15/2002 - 0:27:02 Producer: Savona

AVC-2002-125-1/1 **FIDO Field Test -- Video File**
In a 10-day blind test scientists at JPL con-
trolled the Field Integrated Design Operations (FIDO)
testbed, similar in size and capability to the Mars
Exploration Rovers (MER). FIDO was at an undisclosed
location during the test. Includes interviews with Steve
Squyers and John Callas.
Audience: NASA
Client: Hardin
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
08/15/2002 - 0:11:07 Producer: Kline

AVC-2002-126-1/1 **AQUA Launch**
Aqua, NASA's latest Earth observing satellite, carrying the
NASA Jet Propulsion Laboratory-managed Atmospheric Infrared
Sounder instrument, launches from the Western Test Range of

Vandenberg Air Force Base, California, aboard a Delta II rocket.
Audience: Tech. JPL News Site: Vandenberg,CA
Client: Alan Buis, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/04/2002 - 0:58:50

AVC-2002-127-1/1 **AQUA Video File**
Mission animation package illustrating the mission objectives of the Aqua spacecraft. This package also includes animations of the six science instruments flying aboard Aqua: MODIS,CERES,AMSR-E,HSB,AMSU, and AIRS and describes the objectives of each instrument.
Audience: Tech. JPL
Client: Buis/ MRO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/04/2002 - 0:41:00 Producer: NASA Goddard

AVC-2002-128-1/1 **AQUA Launch - Video File**
Coverage of the Aqua Mission begins at T-40 seconds through second stage separation.
Launch stills included.
Audience: Tech. JPL
Client: Xaviant Ford, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/07/2002 - 0:06:20

AVC-2002-132-1/1 **TOPEX/Poseidon's 10th Anniversary Presentations**
VTV-946
This presentation celebrates 10 years of studies.
TOPEX/Poseidon satellite measures sea level every 10 days.
Among other science findings, TOPEX/Poseidon has provided a unique view of the El Nino phenomenon of the late 1990s, an unusual water warming in the eastern Pacific Ocean.
Audience: JPL Site: von Kármán Aud
Client: Annie Richardson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/16/2002 - 1:04:08 Producer: Savona

AVC-2002-133-1/1 **von Kármán Lecture Series - "Journey to the Planets and Beyond"**
VTV-948
Blaine Baggett, JPL's Executive Manager of Communications and Education (and national Emmy award winning TV producer) is your tour guide through the

illustrative achievements of the Jet Propulsion Laboratory as the year-long celebration of 40 years of planetary exploration continues.
Audience: Gen. JPL Site: von Kármán aud
Client: Kim Johanson
Master: DVCPro25 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/22/2002 - 1:10:23 Producer: Greg Parrillo

AVC-2002-136-1/1 **Voyager 25th Anniversary Celebration Panel Discussion**
VTV-949 Voyager 25th Anniversary Celebration - Panel Discussion. Panel consisted of: Bud Schumeier, Ray Heacock, Charley Kolhase, Ellis Miner, George Textor, Ed Stone and Dave Linlick.
Audience: JPL NASA Resource Site: von Kármán aud
Client: Andrea Angrum
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/05/2002 - 1:22:50 Producer: Greg Parrillo

AVC-2002-137-1/1 **von Kármán Lecture Series - Voyager Exploration of the Solar System**
VTV-950 Dr. Ed Stone, retired JPL Director, discusses the extraordinary mission of Voyager. Launched in 1977, the twin Voyagers' exploration of Jupiter, Saturn, Uranus, and Neptune revealed distinctive worlds with many surprises. Voyager still continues to explore the Outer Solar system.
Audience: JPL NASA Resource Site: von Kármán aud
Client: Andrea Angrum
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/05/2002 - 1:09:51 Producer: Greg Parrillo

AVC-2002-140-1/1 **Mars Student Imaging Project - v 1.0**
High-school students at NASA/JPL/Arizona State University's "Mars Student Imaging Project" express their feelings about actually exploring Mars. Also: comments from Dr. Phil Christensen & Greg Mehall (THEMIS), Sheri Klug, director of ASU Mars Ed.Pgm, and ASU Asst. Dir. Keith Watt.
Audience: NASA
Client: Baggett/Kulczycki
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/09/2002 - 0:03:22 Producer: Beck

AVC-2002-142-1/1 **Mars Student Imaging Project - v 2.0 - Web video**

High-school students at NASA/JPL/Arizona State University's "Mars Student Imaging Project" express their feelings about actually exploring Mars. Also: comments from Dr. Phil Christensen & Greg Mehall (THEMIS), and Sheri Klug, director of Arizona State University Mars Education Program.
Audience: Gen.
Client: S. Watanabe
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/11/2002 - 0:01:00 Producer: Kline

AVC-2002-144-1/1 **Celebrating Hispanics at NASA - Video File (In English)**
To celebrate National Hispanic Heritage Month NASA is communicating the contributions of Hispanics at NASA. Interviewed are, Victor Zlotnicki, Alberto Behar, Luisa Rebull and Ruth Fragoso.
Audience: Gen. JPL NASA News
Client: Carolina Martinez
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/20/2002 - 0:20:54 Producer: Semerano

AVC-2002-145-1/1 **Celebrating Hispanics at NASA - Video File (In Spanish)**
To celebrate National Hispanic Heritage Month NASA is communicating the contributions of Hispanics at NASA. Interviewed are, Victor Zlotnicki, Alberto Behar and Ruth Fragoso.
Audience: Gen. JPL NASA News
Client: Carolina Martinez
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/20/2002 - 0:21:31 Producer: Martinez/Semerano

AVC-2002-146-1/1 **von Kármán Lecture Series - "A Unified View of the Universe"**
VTV-951
Art and physics might seem like polar opposites, but the two fields have a long history of complementing one another. Dr. Lute Maleki discusses how various developments in arts have contributed to the field of physics.
Audience: JPL Site: von Kármán aud
Client: Kim Johanson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/19/2002 - 1:04:20 Producer: Greg Parrillo

AVC-2002-148-1/1 **Apollo-Era Hardware Recaptured into Earth Orbit - Video File**
Scientists at NASA's Jet Propulsion Laboratory have

confirmed the first known capture of any object into Earth orbit from a Sun-centered orbit. They have identified the object, named J002E3, as most likely the lost third stage of the rocket that carried Apollo 12 astronauts to the Moon.
Audience: News Resource
Client: NASA TV/Webster
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/23/2002 - 0:09:47 Producer: Savona

AVC-2002-149-1/2
VTV-953

Visions of Exploration
NASA hosted the first symposium to unveil the agency's future adventures in exploration to Hollywood's most influential filmakers. Astronauts, scientists and aerospace engineers presented NASA's long-range plans to advance the frontiers of flight, space and knowledge.
Audience: Gen. Tech. Site: von Kármán Aud
Client: Stephen Kulczycki, Org. 1800
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/24/2002 - 1:17:10 Producer: Greg Parrillo

AVC-2002-149-2/2
VTV-953

Visions of Exploration
NASA hosted the first symposium to unveil the agency's future adventures in exploration to Hollywood's most influential filmmakers. Astronauts, scientists and aerospace engineers presented NASA's long-range plans to advance the frontiers of flight, space and knowledge.
Audience: Gen. Tech. JPL Site: von Kármán Aud
Client: Stephen Kulczycki, Org. 1800
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/24/2002 - 1:58:16 Producer: Greg Parrillo

AVC-2002-150-1/1

Web Productions for JPL Timeline - 2
Mariner 2 Launches
First Flyby of Another Planet
Mariner 4 Launches
Comet Borrelly Flyby
Genesis Launches
Doubleteam at Jupiter
First Asteroid Moon Discovered
Astronauts Repair Hubble Camera
Galileo at Jupiter
Imaging Radar Flies Again (SIR-C)
Voyager 1 Sets Distance Record

Deep Space 1 Launches
All Sky Survey Begins
Audience: Gen. Resource
Client: Watanabe
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/26/2002 - 0:29:00 Producer: Semerano

AVC-2002-151-1/1 **Web Productions for JPL Timeline - 3**
01:00:00 Ranger 7 Launches
01:01:10 Ranger 7 Impacts Moon
01:02:20 Ranger 8 Launches
01:02:40 Ranger 8 Impacts Moon
01:04:10 Ranger 9 Launches
01:04:40 Ranger 9 Impacts Moon
01:06:10 Voyager 1 Launches
01:07:40 Voyager 2 Launches
01:09:10 Voyager 1 Flies by Jupiter
01:12:20 Voyager 2 Flies by Jupiter
01:15:30 Voyager 1 at Saturn
01:18:30 Voyager 2 at Saturn
01:21:30 Voyager 2: First Spacecraft at Uranus
01:23:20 Voyager 2: First Spacecraft at Neptune
01:26:40 Mariner 4 Launches
01:28:00 First Flyby of Another Planet
01:29:10 Mars Pathfinder Launches
01:30:30 Viking 1: 1st Spacecraft on Mars
01:31:50 Viking 2 on Mars (no supers)
01:32:45 Viking 1: 1st S'craft on Mars (w/supers)
01:34:30 Viking 2 on Mars (w/supers)
01:35:10 Shuttle Imaging Radar-A Launches
01:37:00 Shuttle Imaging Radar-B Launches
01:39:10 Solar Mesosphere Explorer Launches
01:41:00 Infrared Astronomical Satellite Launches
Audience: Gen. Resource
Client: Watanabe
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/27/2002 - 0:42:19 Producer: Kline

AVC-2002-152-1/1 **What's Shakin' with the Northridge Fault - Video File**
Results of a recent NASA study on the magnitude 6.7 Northridge earthquake of January 17, 1994 have yielded some geologic surprises. A team of geophysicists from the Jet Propulsion Laboratory, Pasadena, Calif., analyzed data taken from global positioning system (GPS).

Audience: Edu. News Resource
Client: NASA TV/Buis
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/26/2002 - 0:17:55 Producer: Savona

AVC-2002-153-1/1 **NASA First Person - Art Chmielewski - Web Production**
The work, experiences and personal observations of JPL employee Art Chmielewski as told by him. Produced for the Daily Planet and the JPL home page.
Audience: Gen.
Client: McGahan
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/29/2002 - 0:02:48 Producer: Semerano

AVC-2002-163-1/1 **von Kármán Lecture Series - A Billion Suns: the Lives/Deaths of Stars**
VTV-956 Dr. Michelle Thaller, JPL Astronomer, SIRTF Project, discusses the evolution of a star from birth to death. She also looks at how the Infrared telescope is used in astronomy research.
Audience: JPL Site: von Kármán aud
Client: Kim Johanson
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/17/2002 - 1:45:39 Producer: Greg Parrillo

AVC-2002-164-1/1 **Anthrax Smoke Detector - Video File & Web Production**
Researchers at NASA's Jet Propulsion Laboratory have demonstrated a prototype device that automatically and continuously monitors the air for the presence of bacterial spores, such as those of anthrax. Video File is 9:35 followed by the Web Production at 1:35.
Audience: Gen. Edu. News Resource
Client: NASA TV/Martinez
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/18/2002 - 0:11:30 Producer: Semerano

AVC-2002-166-1/1 **SRTM World Series Zoom-in from Space**
Animation zooms from whole earth into stadium.
Animation by Mike Kobrick.
Audience: JPL NASA
Client: Buis
Master:
Audio 1: MOS 2: MOS

10/18/2002 - 0:00:51 Producer: Kline

AVC-2002-167-1/1 **Lifting Central America's Cloudy Veil - Video File**
NASA's Jet Propulsion Laboratory in Pasadena, Calif., has completed the first comprehensive, high-resolution topographic map of Central America, using data collected during the February 2000 Shuttle Radar Topography Mission.
Audience: Gen. Edu. NASA News Resource
Client: NASA TV/Buis
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/22/2002 - 0:14:28 Producer: Savona

AVC-2002-170-1/1 **Durable Galileo Nears Its Last Flyby - Video File**
Before starting its 35th and final orbit around Jupiter, NASA's Galileo spacecraft will visit three intriguing features of the giant planet's neighborhood for the very first time: a small moon named Amalthea, a dusty "gossamer" ring and the inner region of Jupiter's magnetic environment.
Audience: Gen. Edu. NASA News Resource
Client: NASA TV/Webster
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/28/2002 - 0:14:28 Producer: Savona

AVC-2002-173-1/1 **NASA First Person - Michelle Thaller - Web Production**
The work, experiences and personal observations of JPL employee Michelle Thaller as told by her. Produced for the Daily Planet and the JPL home page.
Audience: Gen. JPL Site: JPL
Client: McGahan
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
11/12/2002 - 0:02:48 Producer: Semerano

AVC-2002-174-1/1
VTV-959
Odyssey Science Webcast - Nov. 14, 2002
Mars Odyssey principal investigators and scientists answer questions from museums, e-mail and a live audience of students and JPLers about discoveries at Mars.
Panel: Drs. Phil Christensen, Bill Boynton & Cary Zeitlin.
Host: Stephenie Lievense.
Audience: Gen. Edu. JPL Site: von Kármán aud
Client: Christine Johnson
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
11/14/2002 - 1:45:00 Producer: Greg Parrillo

AVC-2002-177-1/1 **SeaWinds Instrument on ADEOS 2 Pre-Launch - Video File**
NASA's SeaWinds scatterometer instrument launches on a Japanese H-IIA launch vehicle from Japan. The SeaWinds instrument is a microwave radar that measures surface wind speed and direction over 90 percent of Earth's ice-free global oceans every day.
Audience: Gen. Tech. NASA News Resource
Client: NASA TV/Buis
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
11/22/2002 - 0:24:26 Producer: Savona

AVC-2002-178-1/1 **SIRTF Animations - 2D**
:17 Orion in infrared
:28 Cryo chamber size modification
:16 Telescope cooldown
:42 Light path into telescope
:17 Light path into MIC (Multiple Instrument Chamber)
Audience: Resource
Client:
Master: DVCPro50
Audio 1: MOS 2: MOS
11/20/2002 - 0:02:00

AVC-2002-181-1/1 **von Kármán Lecture Series - Rise of the Machines**
VTV-961 Dr. Richard Terrile, JPL Mars Scout Program Scientist, discusses an overview of the current & future plans for exploring our solar system with robotic spacecraft.
Audience: Edu. Tech. JPL Site: von Kármán aud
Client: Kim Johanson
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
11/21/2002 - 1:05:30 Producer: Greg Parrillo

AVC-2002-182-1/1 **Earth & Space Science Briefing - Upcoming Earth and Space Missions**
Briefing covers upcoming Adeos 2 launch with Seawinds payload and CHIPSat(Cosmic Hot Interstellar Plasma Spectrometer) and ICESat(Ice, Cloud and Land Elevation) spacecraft launching from Tangeshima Japan Presenters; Dr. Ghassem Asrar Assoc. Admin. for Earth Science NASA; Dr. Anne Kinney NASA Space Science; Dr. Mark Hurwitz CHIPSat Prin. Invest. UC Berkeley; Dr. Jay Zwally ICESat Proj. Scientist NASA Goddard; Dr. Moshe Pniel Seawainds Proj. Manager JPL. Q

& A follows.
Audience: NASA News Site: NASA HQ
Client: MRO
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
11/26/2002 - 1:00:40

AVC-2002-183-1/1 **Spider-bot Video File**
JPL researchers have spun a micro robot reminiscent of the favorite childhood character "Charlotte" in Charlotte's Web. Dubbed "Spider-bot," for its resemblance to spiders. Spider-bot could one day chart the terrain on other planets and comets, asteroids or the moon.
Audience: Gen. NASA News Resource
Client: NASA/TV/Martinez
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
12/04/2002 - 0:12:09 Producer: Savona

AVC-2002-186-1/1 **Mars Exploration Rover - Video File**
Mars Exploration Rover animation with sound effects followed by b-roll of testing of parachute in wind tunnel, airbag drop test, and test driving of flight rover. Kobie Boykins, MER Rover Engineer describes flight rover test drive.
Audience: Gen. NASA News Resource
Client: NASA HQ
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/05/2002 - 0:21:30 Producer: Beck/Hardin

AVC-2002-187-1/1 **MER Rock Abrasion Tool (RAT) Testing**
The Mars Exploration Rover (MER) Rock Abrasion Tool (RAT) Testing in 8/01, 10/01, and 4/02 at the Honeybee Robotics Lab in New York City, NY.
Tape Number MER-2002-1001
Audience: Resource
Client:
Master: DV
Audio 1: Mono mix 2: Mono mix MER-2002-1001
07/29/2002 - 0:40:07 Producer: Passaniti

AVC-2002-188-1/1 **Taxi Cab Interview with Steve Squyres**
JPL's Steve Squyres talks about the Rock Abrasion Tool (RAT) testing at Honeybee Robotics Lab in New York City, his involvement with the Mars Exploration Rover (MER) Mission and himself in a taxi cab interview on his way to the

airport.
Audience: Resource
Client:
Master: DV
Audio 1: Mono mix 2: Mono mix
08/07/2002 - 0:13:48 Producer: Passaniti

AVC-2002-189-1/1 **ATLO Lowering Rover onto Lander Base**
The MER #1 is lowered into the lander base petal in the SAF during the ATLO phase
Primary lift runs at %500 speed
Audience: Resource
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/05/2002 - 0:03:00 Producer: Passaniti

AVC-2002-190-1/1 **ALTO Lowering Rover onto Lander Base**
The MER #1 is lowered into the lander base petal in the SAF during the ATLO phase
Audience: Resource
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/05/2002 - 0:09:30

AVC-2002-192-1/1 **JPL's 5th Annual Invention Challenge - 2002**
This years' contest was the jelly bean toss. Each contestant needed to create a device that would launch fifty jelly beans into a target located five meters away. Twenty one schools and fourteen JPL groups competed.
Audience: Gen. Edu. Site: Outside of 180
Client: Paul Macneal
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
12/06/2002 - 1:43:00 Producer: Parrillo

AVC-2002-193-1/1 **Jason El Nino Update - Video File**
The first calibrated and validated image to be released to the public from NASA's Jason oceanography satellite, launched in December 2001, depicts the continued growth of the current El Nino condition.
Audience: Gen. Edu. NASA News Resource
Client: NASA TV/Buis
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix

12/10/2002 - 0:07:14 Producer: Savona

AVC-2002-195-1/1 **Earth & Asteroid Play Orbital Game of Cat and Mouse - Video File**
An international team of astronomers including a researcher from NASA's Jet Propulsion Laboratory in Pasadena, Calif., revealed that a 60-meter (197-foot) long asteroid traces an unusual horseshoe pattern relative to Earth, alternately leading and following our planet about the Sun.
Audience: Gen. Edu. NASA News Resource
Client: NASA TV/Agle
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
12/12/2002 - 0:12:22 Producer: Savona

AVC-2002-196-1/1 **von Kármán Lecture Series - Robotic Exploration of Mars**
VTV-963
Dr. Firouz Naderi, Solar System Exploration Program director and Mars Exploration Program Manager, for "The Mars Exploration of Mars" discusses further investigation of the planet is even more compelling and important with the recent detection of water ice beneath the Martian surface
Audience: JPL Site: von Kármán aud
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
12/12/2002 - 1:19:00 Producer: Greg Parrillo

AVC-2002-197-1/1 **Imagine Mars - Webcast**
VTV-964
The hour-long interactive workshop Imagine Mars aired live on the web & on NASA TV. Educators, students, and hosts Stephenie Lievense along with Bill Nye The Science Guy, explore what a community might be like on Mars. Debbie Allen & her dance crew perform a special dance depicting Mars life.
Audience: Gen. Edu. Site: von Kármán aud
Client: Stephenie Lievense
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
12/13/2002 - 0:59:15 Producer: Greg Parrillo

AVC-2002-198-1/1 **Seawinds ADEOS-II Launch**
Pre-Launch and Launch footage of the JPL/NASA Seawinds Scatterometer Instrument. Launched from Japan.
Audience: JPL Resource Site: Japan
Client: Alan Buis, Org. 1810
Master: BCAMsp Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix

12/14/2002 - 1:03:00 Producer: Savona

AVC-2002-199-1/1 **Web Productions for JPL Timeline - 4**
Grace Twins Launch, Two Telescope System Works, Evidence of Water on Mars, Jason 1 Launches, Odyssey Orbits Mars, Mars Odyssey Launches.
Audience: Gen. Edu. Resource
Client:
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
12/18/2002 - 0:14:18 Producer: Semerano

AVC-2002-200-1/1 **NASA First Person - Alberto Behar - Web Production**
The work, experiences and personal observations of JPL employee Alberto Behar as told by him. Produced for the Daily Planet and the JPL home page.
Audience: Gen. JPL NASA
Client:
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
12/18/2002 - 0:02:48 Producer: Semerano

AVC-2003-001-1/1 **Odyssey Launch First Year Anniversary**
Roger Gibbs, Odyssey mission manager gives an overview of the Odyssey mission to Mars.
Launch and spacecraft animations included.
Audience: Gen. Edu. JPL NASA News Resource
Client: Mars Outreach
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
01/06/2003 - 0:02:00 Producer: Beck

AVC-2003-002-1/1 **MER Rover Mobility Tests in Assembly Facility**
The (MER) Mars Exploration Rover #2 being tested at JPL's (SAF) Spacecraft Assembly Facility on 11/07/02 and 11/08/02. Additional footage of the (Marie Curie) Pathfinder Rover together with the MER Rover.
Audience: Resource
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
11/17/2002 - 1:04:29 Producer: Cha

AVC-2003-007-1/1 **Jupiter Icy Moons Tour Animation**
Ninety second version with music no narration
Audience: Gen. News Resource

Client:
Master:
Audio 1: Mono mix 2: Mono mix
01/20/2003 - 0:01:30 Producer: Semerano

AVC-2003-014-1/1 **von Kármán Lecture Series: What's Shakin' in Space Quake Research?**
VTV-968

Dr. Andrea Donnellan, deputy manager of JPL's Earth and Space Sciences Division, discusses the subject of "Using Space Technology to Understand Earthquakes." Q & A followed.
Audience: Gen. Site: von Kármán aud
Client: Cynthie Cuno
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/23/2003 - 0:52:34 Producer: Greg Parrillo

AVC-2003-017-1/1 **Icy Moons of Jupiter Presentation to Congress**
1st: 95 second version with narration and music
2nd: 95 second version with narration only
3rd: 95 second version with music only
4th: 95 second version with no sound
5th: 3 minutes and 13 seconds version of all animation sequence with no sound
Audience: Gen. NASA News
Client: Burdick/Webster
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
01/28/2003 - 0:10:41 Producer: Semerano/Savona

AVC-2003-019-1/1 **Canyon City Animation-Dr. Charley Kohlhase**
Long-time mission manager Charley Kohlhase dreams of humans exploring Mars someday, in his animation which follows a flight over "Canyon City", an imagined community on Mars in the year 2130. The 20-second animation is looped three times.
Audience: Gen. JPL Site: JPL
Client: Kohlhase
Master: BCAMsp
Audio 1: Silent 2: Silent
01/29/2003 - 0:01:38 Producer: Kohlhase

AVC-2003-020-1/1 **45th Anniversary of Explorer 1 -- Video File**
Historical footage from U.S. Army films documents the planning, launch and press conference of January 31-February 1, 1958.

Audience: Gen. News Resource
Client: Buis
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
01/29/2003 - 0:05:51 Producer: Kline

AVC-2003-021-1/1 **The Keys to the Stellar Kingdom**
Dr. Todd Henry, one of the principal investigators for the Space Interferometry Mission (SIM), talks about the questions SIM hopes to answer.
Audience: Gen.
Client: Randy Jackson
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
01/24/2003 - 0:01:33 Producer: Kline

AVC-2003-023-1/1 **Shuttle Program Manager-Chief Flight Director Briefing**
VTV-973
News Briefing from Johnson Space Center. Questions and Answers followed.
Audience: News
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/01/2003 - 1:40:00 Producer: JSC

AVC-2003-025-1/1 **Infrared: More Than Your Eyes Can See -- Web Video**
Dr. Michelle Thaller demonstrates how different things appear when viewed in infrared light vs. visible light.
This web video is derived from AVC-2000-057.
Audience: Gen. JPL
Client: S. Watanabe
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
02/03/2003 - 0:02:18 Producer: Kline/Savona

AVC-2003-029-1/1 **JPL Earth Science for Diane Evans, El Paso, Texas Talk**
A list of the segments: Global views of El Nino from TOPEX data; Hurricane season observed by QuikSCAT; Taal volcano from SIR-C flyover; SRTM launch and boom deployment; San Andreas flyover from SRTM data; Lost Hills animation from USGS/SRTM data and Etna animation
Audience: Gen. Edu. Resource
Client: Evans/Jasnow
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
02/07/2003 - 0:06:17 Producer: Savona

AVC-2003-030-1/1 **Mars Exploration Rover Assembly and Testing -- Video File**
15 min. B-roll plus animation
Audience: JPL NASA News
Client: Hardin
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
02/08/2003 - 0:22:20 Producer: Beck/Hulme

AVC-2003-032-1/1 **Black History Month - Video File**
In celebration of Black History Month NASA's JPL showcases the contributions and accomplishments of African American scientists and engineers. The missions they work on are one-of-a-kind and on the cutting edge of their fields.
Audience: Gen. News Resource Site: JPL
Client: Carolina Martinez
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
For JPL internal use only.
02/12/2003 - 0:19:42 Producer: Semerano

AVC-2003-035-1/1 **Artificial Muscles - Video File**
Artificial muscles that give robots human-like flexibility and manipulation ability are under development by Dr. Yoseph Bar-Cohen of NASA's Jet Propulsion Laboratory in Pasadena, Calif.
Audience: Gen. Edu. JPL NASA News Resource
Client: NASA TV/Martinez
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
02/13/2003 - 0:09:40 Producer: Savona

AVC-2003-036-1/2 **Mars Exploration Rover Raw Footage Highlights Compilation**
Edited raw footage of various MER tests conducted during 2002. Includes rover assembly in clean room, parachute drop test, DRL drop tests, airbag drop tests, cruise stage assembly and spin tests, spacecraft thermal and vibration tests, parachute wind tunnel tests.
Audience: News Resource
Client:
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
02/13/2003 - 0:32:35 Producer: J. Beck

AVC-2003-036-2/2 **Mars Exploration Rover Raw Footage Highlights Compilation**
Edited raw footage of various MER tests conducted during

2002. Includes rover assembly in clean room, parachute drop test, DRL drop tests, airbag drop tests, cruise stage assembly and spin tests, spacecraft thermal and vibration tests, parachute wind tunnel tests.
Audience: News Resource
Client:
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
02/13/2003 - 0:39:58 Producer: J. Beck

AVC-2003-037-1/1 **NASA First Person - Claudia Alexander - Web Production**
The work, experiences and personal observations of JPL employee Claudia Alexander as told by her. Produced for the Daily Planet and the JPL home page.
Audience: Gen. News Site: JPL
Client:
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
02/17/2003 - 0:02:48 Producer: Semerano

AVC-2003-039-1/1 **Research Solves Half-Century Old Moon Mystery - Video File & Web Prod.**

Half a century after an amateur astronomer photographed a flash on the Moon, Jet Propulsion Laboratory's Dr. Bonnie Buratti estimated that the asteroid impact would have made a 1-2 kilometer (.62 - 1.24 mile) sized crater and a radius of 20 meters (65.6 feet). Web Production follows file.
Audience: Gen. Edu. JPL NASA News Resource
Client: NASA TV/Agle
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
Video file - 14:10; Web Production - 1:10
02/19/2003 - 0:15:20 Producer: Savona

AVC-2003-041-1/1 **NASA Space Science Update - Snow Pack on Mars?**
Panelists at NASA HQ discussing latest findings from Mars Global Surveyor and Mars Odyssey regarding gullies on Mars causes and implications. Dr. Michael Meyer, NASA office of Space Science
Dr. Phil Christensen, Arizona State University
Dr. Jack Mustard, Brown University
Dr. Bruce Jakosky, University of Colorado Boulder
Dr. Lynn Rothschild, NASA Ames Research Center.
Q & a follows.
Audience: Gen. News Site: NASA HQ
Client:

Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/19/2003 - 0:34:12 Producer: NASA HQ

AVC-2003-042-1/1 **Women Working on Mars: Engineering on the Red Planet**
In support of National Engineers Week, the webcast highlighted JPL engineers who design, build and test robots destined for Mars! The engineers shared the excitement of Mars exploration and illustrate that a career in engineering is possible for any creative young man or woman.
Mars Outreach Coordinator Stephenie Lievense hosts with engineers Brett Kennedy, Ayanna Howard, Jessica Collisson and Maria Padilla a student from Archer School for Girls. Questions from Chabot Academy in Oakland highlight webcast.
Audience: Gen. Edu. Site: von Kármán Aud
Client: Stephanie Lievense, Org. 1850
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/19/2003 - 0:40:00 Producer: Reggie

AVC-2003-044-1/1 **Galileo's Long Jupiter Mission Winding Down - Video File**
The flight team for NASA's Jupiter-orbiting Galileo spacecraft will cease operations on Feb. 28, 2003, after a final playback of scientific data from the robotic explorer's tape recorder. Galileo will coast to a mission-ending impact into Jupiter's atmosphere on Sept. 21, 2003.
Audience: Gen. Edu. JPL NASA News Resource
Client: NASA TV/Webster
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
02/21/2003 - 0:11:50 Producer: Savona

AVC-2003-045-1/1 **Two Micron All-Sky Survey - Video File**
An atlas of about 5 million pictures is now online, derived from the Two Micron All-Sky Survey, which used twin infrared telescopes, one in Chile and one in Arizona. Home computer users can now savor results of the most thorough high-resolution digital survey of the entire sky.
Audience: Edu. News Resource
Client: NASA TV/Platt
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
02/26/2003 - 0:04:16 Producer: Savona

AVC-2003-046-1/1 **Dr. Albert Hibbs Memorial Web Video**

Dr. Hibbs died Feb. 24, 2003.
Audience: Gen. JPL
Client: Baggett
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
02/28/2003 - 0:01:15 Producer: Kline

AVC-2003-048-1/1 **Mars Visualization Collection, 3/3/03 - Video File**
00:00 - 01:13 Mars Reconnaissance Orbiter - Trajectory Visualization, 3/3/03
01:17 - 04:40 Mars Odyssey - Global map of Hydrogen Abundance, 5/30/02
04:45 - 06:23 Mars Odyssey - THEMIS Simulated Flight over the Valles Marineris, 5/29/02
06:27 - 14:30 Mars Global Surveyor Orbiter Camera - Evidence of Water, 3/3/03
Solar System Visualization Project
Audience: Gen. News Resource
Client: Eric De Jong
Master: DVCPro50
Audio 1: Silent 2: Silent
03/03/2003 - 0:14:30 Producer: SSVP

AVC-2003-051-1/1 **SRTM Maps Reveal Dinosaur Crater - Video File**
NASA's Jet Propulsion Laboratory releases a high-resolution topographic map of North America using data collected during the February 2000 Shuttle Radar Topography Mission. SRTM is a cooperative between NASA, the National Imagery & Mapping Agency & German & Italian space agencies.
Audience: Edu. News Resource
Client: NASA TV/Buis
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
03/04/2003 - 0:13:15 Producer: Savona

AVC-2003-054-1/1 **MER Cruise Stage Spins Test Compilation**
Compilation of raw footage of Mars Exploration Rover cruise stage spin tests in Bldg. 144 at JPL. Shot on 11/04/02 and 11/23/02.
Audience: Resource Site: BLDG. 144
Client: Michelle Viotti
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/16/1903 - 0:21:06 Producer: Rino Passaniti

AVC-2003-055-1/1 **Mechanical Woman - Video File**

Dr. Ayanna Howard, working for NASA's JPL, credits the television series, The Bionic Woman, for inspiring her career as an engineer integrating robotics with artificial intelligence to develop more autonomous space missions.
Audience: News Resource Site: JPL
Client: Martinez
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
03/11/2003 - 0:09:24 Producer: Semerano

AVC-2003-056-1/1 **Mars Exploration Rover - Twin Rovers in SAF**
The two flight model Mars Exploration Rovers in JPL's Spacecraft Assembly Facility. Includes video comparing MER to 1997 Mars Pathfinder Rover. (Edited raw footage compilation)
Audience: Resource
Client: Michelle Viotti
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
02/10/2003 - 0:21:13 Producer: Scott Hulme

AVC-2003-057-1/1 **Mars Exploration Rover-Team Picnic~**
The MER Team enjoys an afternoon of fun and recreation with other team members. (Edited raw footage compilation)
Audience: Resource
Client: Michelle Viotti
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/31/2002 - 0:14:12 Producer: Scott Hulme

AVC-2003-058-1/1 **Mars Odyssey Celebrates its First Year of Mapping**
VTV-979
A Space Science Update highlighting the results of the Mars Odyssey mission's first year of science mapping.
Presenters: Dr. Jeffrey Plaut, MO project scientist; Dr. Phil Christensen, principal investigator for THEMIS; Dr. Bill Boynton, team leader, Gamma Ray; Dr. Cary Zeitlin, MARIE studies
Audience: Gen. Edu. JPL NASA News Resource
Client: Media Relations
Master: DV Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/13/2003 - 0:43:44 Producer: Beck/Savona/Hardine

AVC-2003-059-1/1 **SIRTF Pre-Launch Video File**
1. Animation of the launch.
2. B-roll of unpacking and assembling the rocket at Cape

Canaveral.
3. Interviews with significant personnel.
Audience: News Resource
Client: Yee Hill
Master: DVCPro50 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/20/2003 - 0:16:48 Producer: Kline

AVC-2003-060-1/1 **SIRTF L-30 Animations/Movies**
01:00:00 SIRTF Launch Phase; 01:01:00 SIRTF Dust Cover Comes Off; 01:02:00 Earth-trailing Orbit; 01:03:00 Visible Sky to IR; 01:04:00 Cluster Movie; 01:06:00 Orion Constellation Movie; 01:07:00 Orion Nebula Movie; 01:08:00 Vega Debris Disk Movie
Audience: Resource
Client: HQ
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
03/21/2003 - 0:08:20 Producer: Kline

AVC-2003-061-1/1 **von Kármán Lecture Series: Cassini Huygens**
VTV-981 Cassini Program Manager Bob Mitchell discussed the Saturn Mission.
Audience: Gen. Edu. Site: von Kármán
Client: PSO/ Cynthie Cuno, Org. 1840
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/20/2003 - 1:29:02 Producer: Reggie

AVC-2003-062-1/1 **SIRTF Pre-Launch Press Briefing - Mission Panel**
SIRTF Pre-Launch Press Briefing - Mission Panel reviewing overall Mission planning and launch activities from NASA HQ.
Panelists:
Lia Lapiana, SIRTF Program Executive, NASA HQ; Dave Gallagher, Project Manager, JPL;
Mark Garcia, Mission Design, JPL;
Bob Wilson, Mission Operations, JPL;
Suzy Dodd, SIRTF Science Center, Caltech.
Q & A follows.
Audience: News Site: NASA HQ
Client: Jane Platt
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/25/2003 - 0:50:45 Producer: Borst

AVC-2003-063-1/1 **SIRTF Pre-Launch Press Briefing - Science Panel**

Panel reviewed overall Mission science planning and activities after launch. From NASA HQ.
Panelists:
Dr. Anne Kinney, Dir. of Astronomy & Physics Office of Space Science, NASA HQ;
Dr. Michael Werner, Project Scientist, JPL;
Dr. Alyssa Goodman, Prof., Harvard/Smithsonian Astrophysical Observatory;
Dr. Garth Illingworth, Prof., UC Santa Cruz;
Dr. Belinda Wilkes, Prof., Harvard/SAO;
Dr. George Rieke, Prof., Univ of Ariz.
Q & A follows.
Audience: News Site: NASA HQ
Client: Jane Platt
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/25/2003 - 0:53:30 Producer: Borst

AVC-2003-064-1/1 **MER Airbag Drop Test #21 High Speed**
Three angles of high-speed closeups of Mars Exploration Rover Airbag Drop Test #21 at NASA's Plum Brook testing facility in Sandusky, OH.
Audience: Resource
Client:
Master: Submaster: DVCProHD
Audio 1: Mono mix 2: Mono mix
02/08/2002 - 0:01:26 Producer: Tom Wynne

AVC-2003-065-1/1 **MER Warm Electronics Box (WEB) Assembly & Bonding**
Edited raw footage compilation of the assembly and bonding of a Warm Electronics Box (WEB) for one of the Mars Exploration Rovers.
Audience: JPL Resource Site: JPL-Bldg. 158
Client: Michelle Viotti
Master: DV
Audio 1: Mono mix 2: Mono mix
05/22/2002 - 0:52:42 Producer: David Cha

AVC-2003-067-1/1 **SIRTF L-2 Animations**
EACH STARTS ON AN EVEN MINUTE.
01:00:00:00 Cruikshank Pluto/Charon animation
01:01:00:00 Jura Star Formation
01:02:00:00 Jura Disk animation
01:03:00:00 Kennicut IR Galaxies
01:04:00:00 Deep Galaxies Survey
Audience: Resource

Client: HQ
Master: DVCPro50
Audio 1: MOS 2: MOS
04/09/2003 - 0:04:27 Producer: Kline

AVC-2003-071-1/1 **von Kármán Lecture Series-Mars Global Surveyor Across the Centuries**
Presented by Dr. Terry Martin, JPL Research Scientist, Earth and Planetary Atmospheres.
The Mars Global Surveyor (MGS) spacecraft has now circled the Red Planet during two successive centuries, 1997 to 2003 and has redefined our knowledge of Mars' surface, atmosphere, interior, and history. MGS has returned more data about the red planet than all other Mars missions combined and has produced the most accurate global topographic map of any planet in the solar system. Some of the spacecraft's key findings include the revelation of gullies and debris-flow features that suggest current sources of liquid water, similar to an aquifer, at or near the surface of the planet. The spacecraft has also significantly improved the understanding of atmospheric dynamics. As the next Mars rover mission is prepared for launch, the accomplishments of the Mars Global Surveyor Spacecraft and its science teams give us perspective on where we are going.
Audience: Gen. Site: von Kármán Aud.
Client: Cynthie Cuno, Org. 1840
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
04/17/2003 - 1:14:00 Producer: Hardine

AVC-2003-073-1/1 **Galaxy Evolution Explorer Set to Go - Video File**
The Galaxy Evolution Explorer (GALEX) is ready for launch on a Pegasus XL rocket from a L-1011 Stargazer aircraft over the Atlantic Ocean.
GALEX is an orbiting space telescope that will observe galaxies in ultraviolet light across 10 billion years of cosmic history.
Audience: News Resource
Client: NASA TV/Platt
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
04/22/2003 - 0:13:55 Producer: Savona

AVC-2003-075-1/1 **NASA Update**
VTV-983 Administer Sean O'Keefe addresses all NASA centers,

discussion the new astronaut educator and STS-107 Columbia family support donations.
Audience: NASA Site: HQ
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
04/25/2003 - 0:59:00 Producer: NASA-TV

AVC-2003-077-1/1 **MER Flight Hardware Convoy to KSC and Unloading**
Edited raw footage compilation of one of the Mars Exploration Rover flight hardware convoys from JPL to KSC. Includes hardware unloading at KSC.
Audience: Resource Site: KSC
Client: Michelle Viotti
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
04/02/2003 - 0:57:31 Producer: Rino Passaniti

AVC-2003-079-1/1 **MER Parachute Testing at Ames Research Center (HD)**
Edited raw footage compilation of Mars Exploration Rover parachute designs being tested in the wind tunnel facility at Ames Research Center. Compiled from HD source material.
Audience: Gen. Resource Site: Ames
Client: Michelle Viotti
Master: DVCProHD Submaster: DVCProHD
Audio 1: Mono mix 2: Mono mix
04/30/2003 - 0:33:21 Producer: Scott Hulme

AVC-2003-080-1/1 **Deep Impact Sends Your Name to a Comet - Video File**
Deep Impact will be the first mission to attempt to impact a comet nucleus in order to answer basic questions about the nature of comets. Carried aboard the impactor is a standard mini-CD containing tens-of-thousands of names of comet and space enthusiasts.
Audience: News Resource
Client: NASA TV/Agle
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
05/05/2003 - 0:15:56 Producer: Gary Savona

AVC-2003-084-1/2 **MER Parachute Testing near Boise, ID (HD)**
Edited Raw Footage Compilation of Mars Exploration Rover parachute testing near Boise, ID. Compiled from HD source material.
Audience: Gen. JPL Site:
Client: M. Viotti

Master: DVCProHD Submaster: DVCProHD
Audio 1: Mono mix 2: Mono mix
04/30/2003 - 0:59:26 Producer: R. Passaniti

AVC-2003-084-2/2 **MER Parachute Testing near Boise, ID (HD)**
Edited Raw Footage Compilation of Mars Exploration Rover parachute testing near Boise, ID. Compiled from HD source material.
Audience: Gen. JPL Site:
Client: M. Viotti
Master: DVCProHD Submaster: DVCProHD
Audio 1: Mono mix 2: Mono mix
04/30/2003 - 0:00:00 Producer: R. Passaniti

AVC-2003-086-1/1 **Mars Odyssey Science Briefing**
VTV-985
Phil Christensen, Principal Investigator for the THEMIS instrument aboard the Mars Odyssey spacecraft provided an update on the mission's most recent findings.
Audience: JPL Site: von Kármán Aud
Client: Stephanie Lievense
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
05/08/2003 - 0:56:00 Producer: Hardine

AVC-2003-088-1/1 **vK Lecture Series-Challenges in Mobility & Robotics for InSitu Science**
VTV-986
--- von Kármán Lecture Series ---
Brian Wilcox, Manager of JPL's Solar System Exploration Mobility Technology Program spoke on In situ science on planetary surfaces such as Mars, Venus, Mercury, and Titan poses extreme challenges for mobile robots.
Audience: JPL Site: von Kármán Aud
Client: Cynthie Cuno, Org. 1840
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/08/2003 - 1:22:34 Producer: Hardine

AVC-2003-089-1/1 **NASA First Person - Susan Smrekar - Web Production**
The work, experiences and personal observations of JPL employee Susan Smrekar as told by her. Produced for the Daily Planet and the JPL home page.
Audience: Gen. Site: JPL
Client:
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
05/13/2003 - 0:02:48 Producer: Semerano

AVC-2003-090-1/1 **First-Ever Snapshot of Earth from Mars - Video File**
A color picture of the Earth-Moon system and Jupiter and some of its major moons is captured by the Mars orbiter camera onboard the Mars Global Surveyor. Interview with Thomas Thorpe, Mars Global Surveyor Project Manager, JPL.
Audience: JPL NASA Resource
Client: Morledge
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
05/20/2003 - 0:08:55 Producer: Kline

AVC-2003-091-1/1 **QuakeSim: An Advanced Earthquake Modeling System - Video File**
Dr. Andrea Donnellan, QuakeSim Principal Investigator, and a series of animations explain the attempt to develop advanced computer simulation tools that may soon give scientists insight into the complex physics of earthquakes and eventually enable earthquake forecasting.
Audience: JPL NASA Resource
Client: Alan Buis
Master: BCAMsp Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
05/21/2003 - 0:12:49 Producer: Kline

AVC-2003-092-1/2 **MER Landing Site Selection Workshop, January 2003 (HD)**
Mars Exploration Rover team members meet to discuss the final four candidate landing sites. Compiled from HD source material.
Audience: JPL Resource Site: Embassy Suites
Client: Michelle Viotti
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
05/14/2003 - 0:38:54 Producer: Passaniti

AVC-2003-092-2/2 **MER Landing Site Selection Workshop, January 2003 (HD)**
Mars Exploration Rover team members meet to discuss the final four candidate landing sites. Compiled from HD source material.
Audience: JPL Resource Site: Embassy Suites
Client: Michelle Viotti
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
05/14/2003 - 0:31:28 Producer: Passaniti

AVC-2003-094-1/1 **MER Landing Site Selection Workshop, January 2003 (Mini DV)**
Mars Exploration Rover team members meet to discuss the

final four candidate landing sites. Compiled from Mini DV source material. Note: Some audio sequences are distorted.
Audience: Gen. JPL Site: Embassy Suites
Client: Michelle Viotti
Master: DV
Audio 1: Mono mix 2: Mono mix
05/06/2003 - 0:47:42 Producer: Hulme

AVC-2003-096-1/1 **Mars Exploration Rover -- Pre-launch Video File**
1. Updated and expanded animation of launch, landing and exploration. Animation is MOS.
2. B-roll of testing rover, parachute, airbag.
3. Interview with Joy Crisp, project manager for Mars Exploration Rover.
Audience: Gen. Resource
Client: Guy Webster
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/27/2003 - 0:22:41 Producer: Kline/Maas

AVC-2003-097-1/1 **Mars Exploration Rover Animation - Updated & Expanded**
SD version.
Contains the latest animation of Mars 2003 Rovers. Includes launch, separation, cruise, entry, decent, and landing with parachute and airbags as well as taking first images and rover driving around Mars, analyzing the surface.
Audience: Gen. Resource
Client: Guy Webster
Master: BCAMsp
Audio 1: Silent 2: Silent AVC-2000-132
05/27/2003 - 0:09:25 Producer: Dan Maas

AVC-2003-099-1/1 **Mars Express Launch**
Video teleconference link to Baikanour Russia. Poor quality audio/video.
Audience: News Resource
Client: Mars Express
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/02/2003 - 2:00:00

AVC-2003-100-1/1 **MER-A Launch Press Briefing -- Video roll-ins**
Animations of Mars Exploration Program timeline, zooms to landing sites A&B, flovers of Gusev crater, trajectory animations (for A&B, A and B), and edited video of testing

airbag and parachute.
NO AUDIO EXCEPT FOR LAST SEGMENT ("testing").
Audience: News Resource
Client: HQ
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/03/2003 - 0:20:37 Producer: Kline/de Jong/Maas

AVC-2003-101-1/1
VTV-987

MER Animation-Updated & Expanded (with sound effects)
By: Dan Maas. SD Version. MOS
Audience: Gen. JPL Site: Cornell Univ.
Client: Guy Webster, Org. 1810
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/05/2003 - 0:09:25 Producer: Maas/Passaniti

AVC-2003-103-1/1

MER Prelaunch Mission Briefing
Participants for the first Mars Exploration Rover were:
Dr. Firouz Naderi, Mars Exploration Manager, JPL; Peter Theisinger, MER Project Manager, JPL;
Rob Manning, MER Entry, Descent and Landing Development Manager, JPL;
David Lavery, MER Program Director, NASA Headquarters.
Audience: NASA News Resource Site: KSC
Client: V.McGregor/MRO, Org. 1810
Master: DVCPro25 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/06/2003 - 0:55:38 Producer: KSC (Borst)

AVC-2003-104-1/1

MER Prelaunch Science Briefing
Participants:
Dr. Joy Crisp, MER Project Scientist, JPL;
Dr. Ed Weiler, Associate Administrator, NASA HQ;
Dr. Jim Garvin, Mars Lead Scientist, NASA HQ;
Dr. Cathy Weitz, MER Program Scientist, NASA HQ;
Dr. Steve Squyres, MER Principal Investigator, Cornell University.
Audience: JPL NASA News Resource Site: KSC
Client: V. McGregor/MRO, Org. 1810
Master: DVCPro25 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/06/2003 - 0:54:03 Producer: KSC (Borst)

AVC-2003-105-1/1

MER Pre-launch Web Video
Joy Crisp, Project Scientist, Mars Exploration Rover, gives an overview of the timing and goals of the mission.

Audience: Gen. Resource
Client: Susan Watanabe
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/06/2003 - 0:01:10 Producer: Kline

AVC-2003-106-1/1 **L-1 Mars Exploration Rover "Spirit" Press Briefing**
Participants: Orlando Figueroa, Mars Exploration Program Director, NASA HQ;
Omar Baez, NASA Launch Director;
Kris Walsh, Boeing Director for NASA Programs;
Peter Theisinger, MER Project Manager, JPL;
Joel Tumbiolo, Launch Weather Officer
Audience: JPL NASA News Resource Site: KSC
Client: McGregor, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/07/2003 - 0:40:30 Producer: KSC (Borst)

AVC-2003-107-1/1 **Mars Exploration Rover (MER-A) "Spirit" Launch**
Launched from Cape Canaveral, Florida aboard a Boeing Delta 2 rocket. The rover will reach Mars for a landing on January 4, 2004. The rover is designed to return scientific data that will allow scientists to better understand the composition, climate and history of the Red Planet.
Audience: Gen. News Resource Site: KSC
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/10/2003 - 2:55:15 Producer: KSC/Hardine

AVC-2003-108-1/1 **Keck Interferometer First Science - DG Tau -- Video File**
Dr. Rachel Akeson, astronomer at the Michelson Science Center, Caltech, discusses her study of the star DG Tau and its surrounding dust disk, using the Keck Interferometer in Hawaii. Animations illustrate DG Tau and the Keck. B-roll features the Keck Interferometer.
Audience: News Resource
Client: Platt
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/10/2003 - 0:08:07 Producer: Kline

AVC-2003-109-1/1 **SRTM Compilations (Post mission) Version 2**
Shuttle Radar Topography Mission
1. (long version) Animations, Launch, Mast deployment,

on-orbit payload tours, Mast retract
2. Simulated flight along the Garlock and San Andreas Faults, California.
Audience: Resource
Client: Tom Farr
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
03/15/2000 - 0:28:00 Producer: Parillo

AVC-2003-111-1/1 **Mars Exploration Rovers Naming Ceremony**
NASA Assistant Administrator for Public Affairs, Glenn Mahone, introduces NASA Administrator Sean O'Keef, Lego Co. Sr. Vice Pres. Brad Justice, and the "Run to Name the Rovers" contest winner, 3rd grader Sophie Colins from Scotsdale, AZ. She named the twin rovers "Spirit" and "Opportunity".
Audience: Gen. News Resource Site: NASA KSC
Client:
Master: DVCPro25 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/08/2003 - 0:21:03 Producer: KSC

AVC-2003-112-1/2 **von Kármán Lecture Series: "SIRTF-The Last of the Great Observatories"**
VTV-988 Dr. Michelle Thaller gave a presentation on the Space Infrared Telescope Facility (SIRTF), the largest infrared telescope ever launched. SIRTF will peer into the Universe and reveal regions of space normally hidden to optical telescopes.
Audience: Gen. Edu. JPL Site: JPL
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/12/2003 - 1:05:00 Producer: Semerano

AVC-2003-112-2/2 **von Kármán Lecture Series: "SIRTF-The Last of the Great Observatories"**
Part 2 of 2
Audience: Gen. Edu. JPL Site: JPL
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/12/2003 - 0:10:00 Producer: Semerano

AVC-2003-113-1/1 **SRTM South America & Web Productions - Video File**
NASA's JPL has released a high-resolution topographic map of

South America using data collected during the February 2000 Shuttle Radar Topography Mission (SRTM). Included are a flyover animation of the Andes mountain range and interview excerpts of Dr. Michael Kobrick.
Audience: NASA News Resource Site: JPL
Client: NASA TV/Buis
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/18/2003 - 0:20:28 Producer: Savona/Semerano

AVC-2003-114-1/1 **Mars Exploration Rover (MER-B) "Opportunity" Pre-launch Video File**
1. Updated Mars Exploration Rover animation with sound effects.
2. B-roll of testing of rover, parachute, airbag.
3. The launch of Rover A ("Spirit") from T-20 to first-stage separation.
Audience: News Resource
Client: Webster
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/19/2003 - 0:22:31 Producer: Kline

AVC-2003-115-1/1 **The Launch of Spirit - Mars Exploration Rover A**
Summary of launch on June 10, 2003. Technicians folding the petals at KSC, Live launch from NASA TV transitions to Dan Maas animation (with sound effects). Ends at title card "7 months later."
Audience: Gen. JPL News Resource
Client: Dr. Elachi
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/19/2003 - 0:03:00 Producer: Kline

AVC-2003-117-1/1 **Seasat's 25th Anniversary - Video File**
On June 26, 1978, NASA's Jet Propulsion Laboratory, Pasadena, Calif., launched an oceanographic satellite dedicated to observing Earth's oceans from space. It provided the first global view of ocean circulation, waves and winds.
Audience: News Resource Site: JPL
Client: NASA TV/Hill/Buis
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/25/2003 - 0:10:05 Producer: Savona

AVC-2003-118-1/1 **Mars Exploration Rover: Bigger, Better Wheels**
MER Mechanical Lead Randy Lindemann explains various features of the Mars Exploration Rover mobility system.
Audience: Gen. JPL Resource Site: JPL
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/30/1903 - 0:02:53 Producer: Scott Hulme

AVC-2003-120-1/1 **NASA First Person - Gary Blackwood - Web Production**
The work, experiences and personal observations of JPL employee Gary Blackwood as told by him. He is involved in searching for Earth-like planets. Produced for the Daily Planet and the JPL home page.
Audience: Gen. Resource Site: JPL
Client: Susan Watanabe, Org. 181
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/25/2003 - 0:02:48 Producer: Semerano

AVC-2003-121-1/2 **MER Landing Site Selection Review Board - 3/2003**
Mars Exploration Rover team members present the final landing site candidates to the MER review board. Compile from HD source material. Footage taken on 03/26-28/2003.
Audience: Gen. News Resource Site: JPL
Client: Michelle Viotti, Org. 1860
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
06/25/2003 - 0:20:53 Producer: Passaniti

AVC-2003-121-2/2 **MER Landing Site Selection Review Board - 3/2003**
Mars Exploration Rover team members present the final landing site candidates to the MER review board. Compile from HD source material. Footage taken on 03/26-28/2003.
Audience: Gen. News Resource Site: JPL
Client: Michelle Viotti, Org. 1860
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
06/25/2003 - 0:30:20 Producer: Passaniti

AVC-2003-123-1/1 **Mars Exploration Rover "Opportunity" (MER-B) Launch Minus 1 Briefing**
Presenters:
George Diller, NASA Public Relations;
Dr. Ed Weiler, NASA Associate Administrator for Space Science;

Omar Baez, NASA Launch Director;
Kris Walsh, Boeing Director;
Peter Theisinger, MER Project Manager, JPL;
Steve Squyres, MER Principal Investigator.
Audience: News Resource Site: Canaveral, FL
Client: MER/MRO/John Beck, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/27/2003 - 0:47:23 Producer: KSC

AVC-2003-128-1/2 **Mars Exploration Rover (MER-B) "Opportunity" Launch Coverage**
NASA TV Launch Coverage 6:10-8:10PM PDT (Launched 8:18 PM)
Audience: Gen. News Resource Site: Canaveral, FL
Client: Michelle Viotti
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/07/2003 - 2:00:00 Producer: recorded by Borst

AVC-2003-128-2/2 **Mars Exploration Rover (MER-B) "Opportunity" Launch Coverage**
(Launched 8:18 PM) Launched at 2:33 Min. into tape (20:18:12 Time Code)
Switched to JPL for Signal Acquisition
(21:42:42 Time Code)
1:26 Min. running time into tape
Audience: Gen. News Resource Site: Canaveral, FL
Client: Michelle Viotti
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/07/2003 - 1:50:00 Producer: Borst

AVC-2003-129-1/1 **Compilation of SRTM Flyover Animations: Andes Mtns.,Calif.,San Andreas**
The computer animations are 3D simulated flyovers of the Andes Mountains in South America; California and San Francisco; Garlock and San Andreas Faults. Flyovers are created using data from the Shuttle Radar Topography Mission and a Thematic Mapper image from the Landsat satellite.
Audience: Gen. Resource
Client: Mona Jasnow
Master: DVCPro50
Audio 1: Silent 2: Silent
07/08/2003 - 0:10:40 Producer: Savona

AVC-2003-130-1/1 **Jason-Topex/Poseidon Tandem Mission - Video File**
The joint NASA-French Space Agency oceanography satellites Topex/Poseidon and Jason are currently performing a tandem

mission to map the height of the world's ocean surfaces with unprecedented accuracy.
Audience: News Resource Site: JPL
Client: NASA TV/Buis
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
07/15/2003 - 0:10:48 Producer: Gary Savona

AVC-2003-132-1/1 **Solar System Roadmap**
With Dr. Colleen Hartman, Orlando Figueroa, Dr. Michael Belton, Dr. Michael Drake and Dr. Laurie Leshin.
Audience: NASA
Client: Colleen Hartman
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
07/10/2003 - 0:05:47 Producer: Kline/Beck

AVC-2003-139-1/1 **Searching and Crawling, A Few JPL Research Robots**
-- von Kármán Lecture Series --
Robert Hogg, Robotics Engineer, JPL Mobility Systems Concept Development Section and Brett Kennedy Task Manager, Limbed Excursion Mobile Utility Robot, highlight 3 research robots. Micro-Robot Explorer nicknamed "Spider-bot", Urban Robot "Urbie" and Mechanical Utility Robot, "Lemur".
Audience: Gen. Edu. JPL Site: von Kármán
Client:
Master: DVCPro25 Submaster: VHS
Audio 1: Mono mix 2: Mono mix
07/17/2003 - 1:28:46 Producer: Reggie Hardine

AVC-2003-141-1/1 **GRACE Gravity Model 01 - Video File**
The joint NASA-German Aerospace Center Gravity Recovery and Climate Experiment, or GRACE, mission has released its first science product: the most accurate map yet created of Earth's gravity field.
It will help us understand ocean circulation, which strongly influences weather and climate.
Audience: News Resource Site: JPL
Client: NASA TV/Buis
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
07/18/2003 - 0:13:23 Producer: Gary Savona

AVC-2003-142-1/1 **MAM Spotlite - Microarcsecond Metrology Testbed**
Renaud Goullioud, Project Manager for the Microarcsecond

Metrology Testbed, gives a tour of the testbed, which is housed in a vacuum chamber.
Audience: Gen. JPL
Client: Randy Jackson
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
07/21/2003 - 0:01:50 Producer: Kline

AVC-2003-145-1/1
VTV-990

NASA Update with Administrator Sean O'Keefe
NASA Administrator, Sean O'Keefe shares the latest information about the agency's "Return to Flight" effort. Administrator O'Keefe also talks about what to expect in the Columbia Accident Investigation in the next month. Live from NASA's Goddard Space Flight Center in Greenbelt, MD.
Audience: JPL NASA Site: Greenbelt, MD
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/23/2003 - 1:10:00 Producer: Goddard/HQ

AVC-2003-147-1/1

Phoenix Animations: 2008 Arrival at Mars & Instrument Tests
Phoenix Arrival at Mars 2008 - 1:30
Phoenix Instrument Tests - 4:07
Audience: JPL
Client: Webster
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
08/04/2003 - 0:06:20 Producer: De Jong/Maas

AVC-2003-152-1/1

Jupiter Icy Moons Animation
Narrated animation with music showing a proposed journey of an innovative spacecraft from Earth to Jupiter and three of its moons. Video levels are slightly higher than normal for the web.
Audience: Gen. News Resource Site: JPL
Client:
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
08/02/2003 - 0:01:33 Producer: Semerano

AVC-2003-153-1/1

The Jet Age Begins -- Web Video
Historical video about JATO, Jet Assisted Take Off for aircraft, developed in the 1940s.
Audience: Gen.
Client: Watanabe
Master:

Audio 1: Mono mix 2: Mono mix
08/06/2003 - 0:00:58 Producer: Kline

AVC-2003-154-1/1 **Testing The Private - Web Video**
Historical video about the Private missile developed by JPL for the Army in 1940s.
Audience: Gen.
Client: Watanabe, Org. Wan
Master:
Audio 1: Mono mix 2: Mono mix
08/06/2003 - 0:01:09 Producer: Kline

AVC-2003-160-1/1 **Mars Exploration Rover-A Launch Activities at KSC (HD)**
Edited raw footage compilation of the Spirit rover launch from Kennedy Space Center. Pre-launch briefings, Mission Director's Center, tower rollback and launch. Compiled from HD source material.
Audience: News Resource
Client: Michelle Viotti
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
06/10/2003 - 0:29:31 Producer: Scott Hulme

AVC-2003-161-1/1 **Spirit & Opportunity**
Graphics and animation tell the story of the launches of Spirit and Opportunity, the two Mars Exploration Rovers. Formerly known as "MER Launches - A Summary for Dr. Elachi. " Revised 12/30/2003. Revised again 01/24/2004.
Audience: Gen. Edu. Resource
Client: Blaine Baggett
Master: DVCPro50 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/13/2003 - 0:03:32 Producer: Beck

AVC-2003-162-1/1 **Sensor Web for Forest Fire Detection - Video File**
NASA Jet Propulsion Laboratory-developed software helps link NASA's Earth Science satellites to form a virtual web of sensors with the ability to monitor the globe. Included in this video file is an animation showing how such a scenario might play out in the detection of forest fires.
Audience: Gen. News Resource
Client: Lovato
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
08/14/2003 - 0:05:15 Producer: Semerano

AVC-2003-163-1/1 **Challenges of Getting to Mars - Two Launches**
Overview of some of the problems and delays which came prior to the eventual launches of both Spirit and Opportunity.
Audience: Gen. Resource
Client: Mars Office
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
08/15/2003 - 0:02:14 Producer: Beck/Johnson

AVC-2003-164-1/1 **Challenges of Getting to Mars - Weather Constraints for Spirit**
Overview of the weather challenges that delayed the launch of Spirit.
Audience: Gen. Resource
Client: Mars Office
Master:
Audio 1: Mono mix 2: Mono mix
08/15/2003 - 0:02:15 Producer: Beck/Johnson

AVC-2003-165-1/1 **SIRTF L-1 -- Video Roll-ins for Press Briefing**
1:00:00 = Pluto
1:00:27 = Star Formation
1:01:04 = Protoplanetary Disks
1:01:49 = Deep Survey
1:02:32 = SIRTF Launch
1:03:41 = Earth-trailing Orbit
1:04:11 = Visible to IR
1:04:40 = Cryo Chamber Size Change
Note: Renamed "The Spitzer Space Telescope"
Audience: Resource
Client: Hill
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
08/15/2003 - 0:05:01 Producer: Kline

AVC-2003-166-1/1 **NASA First Person - Ayanna Howard - Web Production**
The work, experiences and personal observations of JPL employee Ayanna Howard as told by her. Produced for the Daily Planet and the JPL home page.
Audience: Gen.
Client: McGahan
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
08/17/2003 - 0:02:48 Producer: Semerano

AVC-2003-167-1/1 **SIRTF L-1 Video File**
Animations: SIRTF Launch, IR vs. visible light,

planet-forming discs;
B-roll: SIRTF at Lockheed Martin, 1st stage prep, attaching to 2nd stage; interviews: Dr. Michael Werner, proj. scientist, Dr. Jay Frogel, prog. scientist, Lia LaPiana, prog. exec. & Dr. Anne Kinney, dir. Astronomy & Physics
Note: Renamed "The Spitzer Space Telescope"
Audience: News Resource
Client: Hill
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
08/19/2003 - 0:09:09 Producer: Kline

AVC-2003-168-1/1 **Mars Exploration Rover Launches: Stormy weather at KSC**
Edited raw footage compilation of developing storms at Kennedy Space Center during the Mars Exploration Rover launch periods. Compiled from HD source material.
Audience: Gen. Resource
Client: Michelle Viotti
Master: DVCProHD
Audio 1: None 2: None
08/13/2003 - 0:18:50 Producer: Scott Hulme

AVC-2003-169-1/1 **Shuttle Radar Topography Mission (SRTM) 30 - Video File**
NASA and the National Imagery and Mapping Agency have released the first global data set produced by the Shuttle Radar Topography Mission. Called SRTM30, it provides new and improved information for the 80 percent of Earth's land mass.
Audience: News Resource Site: JPL
Client: NASA/TV/Lovato
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
08/19/2003 - 0:11:30 Producer: Savona

AVC-2003-170-1/1 **Sensor Web for Detecting Forest Fires -- WEB Version**
Animation shows how satellites can work as a team -- a "sensor web," in this case first detecting then homing in on a forest fire.
Audience: Gen. Resource
Client: Watanabe
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
08/20/2003 - 0:01:30 Producer: Kline/Semerano

AVC-2003-171-1/1 **The Mars Exploration Rovers - Robotic Geologists**
VTV-992 von Kármán Lecture Series

Presented by: Peter Theisinger, JPL Mars Exploration Rover Program Manager
He focused on the post landing mission plans for the Mars Exploration Rovers when the rovers arrive in January 2004.
Audience: Edu. JPL Site: von Kármán Aud
Client: Blaine Baggett, Org. 1800
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/21/2003 - 1:51:00 Producer: Hardine

AVC-2003-172-1/1 **SIRTF Mission Science Briefing & Pre-Launch Press Conf.**
SIRTF Mission Science Briefing 40:34 Min.
Pre Launch Press Conference 39:47 Min.
Note: Renamed "The Spitzer Space Telescope"
Science Briefing panelists:
Dr. Anne Kinney
Director, Astronomy & Physics Division
Office of Space Science
NASA Headquarters, Washington
Dr. Michael Werner, Space Infrared Telescope Facility Project Scientist
JPL
Dr. Dale Cruikshank, Interdisciplinary Scientist for Planetary Science
NASA Ames Research Center
Dr. Michael Jura, Space Infrared Telescope Facility interdisciplinary scientist for planetary science-University of California, Los Angeles
Dr. Marcia Rieke, Astronomer/Professor
Stewart Observatory, university of Arizona, Tucson
****
Pre-Launch Briefing participants:
Lia LaPiana, Space Infrared Telescope Facility Program Executive
NASA Headquarters, Washington
Omar Baez, NASA Launch Director
Kennedy Space Center, Fla.
Rich Murphy, Delta Mission Director
Boeing Expendable Launch systems, Huntington Beach, Calif.
David Gallagher, Space Infrared Telescope Facility Project Manager - JPL
Joel Tumbiolo, U.S. Air Force Delta/Space Infrared Telescope Facility Launch Weather Officer 45th Weather Squadron, Cape Canaveral Air Force Station, Fla.
Audience: News Site: KSC
Client: MRO, Org. 1810

Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/22/2003 - 1:21:00 Producer: Ziats

AVC-2003-173-1/2 **SIRTF Launch**
Start of coverage at 8:30 PM PST
Launch at 2:06:50 Min.
Commentary with George Diller from Kennedy Space Center
Note: Renamed "The Spitzer Space Telescope"
Audience: Gen. News Resource Site: KSC
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/24/2003 - 3:04:00 Producer: KSC (Bridges)

AVC-2003-173-2/2 **SIRTF Launch**
Continuing of launch coverage
Acquisition of the spacecraft
Interviews of Omar Baez, NASA Launch Director, KSC
and David Gallagher, SIRTF Project Manager, JPL
Note: Renamed "The Spitzer Space Telescope"
Audience: Gen. News Resource Site: KSC
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/24/2003 - 0:31:29 Producer: KSC (Bridges)

AVC-2003-175-1/1 **Mars Exploration Rover Launches: Tracker camera view**
Edited raw footage compilation of the launches
of the Mars Exploration Rovers, Spirit and Opportunity.
Shot with HD cameras on a tracker at Kennedy Space Center.
Audience: Gen. News Resource Site: KSC
Client: Michelle Viotti
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
08/15/2003 - 0:05:57 Producer: Scott Hulme

AVC-2003-176-1/1 **NASA Press Conference - Columbia Accident Investigation with O'Keefe**
NASA Administrator Sean O'Keefe conducts a press conference
concerning the Columbia Accident Investigation. Live from
NASA Headquarters in Washington, DC.
Audience: NASA News Site: NASA HQ
Client: NASA
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix

08/27/2003 - 1:30:01 Producer: HQ (Borst)

AVC-2003-177-1/1 **The Planet Mars Compilation**
The following releases on here are:
AVC-1989-012 Mars the Movie;
AVC-2000-052 Martian North & South Polar Caps Images - Video File;
AVC-2001-038 History & Future of Mars Exploration, Prior to Launch of '0 Odyssey;
AVC-2001-071 Recent Images from Mars Global Surveyor - Video File;
AVC-2001-047 2001 Mars Odyssey Pre-launch Video File;
AVC-2001-182 Martian South Pole Mesas and Pits in Frozen Carbon Dioxide;
AVC-2001-105 Viking 25th Anniversary Video
Audience: Gen. Resource Site: Various
Client: Anita Sohus
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/05/2003 - 0:59:10 Producer: Savona

AVC-2003-179-1/1 **Mars Exploration Rover Mission**
The Mission (9:03)
The Launch of "Spirit" (2:52)
The Launch of "Opportunity" (3:06)
Summary (3:24)
Audience: Gen. Resource
Client: Patty Rhee
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/09/2003 - 0:18:44 Producer: Kline

AVC-2003-181-1/1 **Public Suggestions for Mars Pictures -- Video File**
The first image of Mars suggested by a member of the public was made from Mars Global Surveyor. Also included are the launch of Mars Global Surveyor and an animation of the spacecraft aerobraking to adjust its orbit at Mars.
Audience: News Resource
Client: Webster
Master: DVCPro50 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/10/2003 - 0:05:23 Producer: Kline

AVC-2003-182-1/1 **Galileo EOM animation and Highlights reel.**
Galileo End of Mission animation followed by a 9:25 minute Galileo Highlights reel with music which in turn is

followed by a 4:30 minute version of the same highlights reel also with music.
Audience: Gen. News Resource Site: JPL
Client: Alice Wessen
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/12/2003 - 0:15:25 Producer: Semerano

AVC-2003-184-1/1 **Galileo Draws to a Dramatic Close - Video File & Web Video**
On Sept. 21, 2003 the longest orbital survey of an outer planet, The Galileo mission, will draw to a close when the spacecraft burns up in Jupiter's upper atmosphere.
Animation , B-roll, 10 top pictures and interviews
Goodbye Galileo Web Production - 2:16
Audience: Gen. News Resource
Client: NASA TV/Agle
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/16/2003 - 0:27:42 Producer: Savona

AVC-2003-185-1/1 **Galileo End of Mission Briefing**
VTV-995 Space Science Update Participants: Dr. Colleen Hartman, Solar System Exploration Div., NASA HQ
Dr. Claudia Alexander, Galileo Project MGR. JPL
Dr. Michael Belton, NOAO, Tucson, Ariz.
Dr. Don Williams, John Hopkins University
Jim Erickson, Former Galileo Proj. Manager, JPL
Audience: News Site: NASA HQ
Client: Carolina Martinez, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/17/2003 - 0:47:00 Producer: HQ (Ziats)

AVC-2003-186-1/1 **Mars Exploration Rover Animation - (SFX ONLY) Final Version**
Contains animation of Mars 2003 Rovers. Includes launch, separation, cruise, entry, descent, and landing with parachute and airbags as well as taking first images and rover driving around Mars, analyzing the surface. Sound Effects Only.
Audience: Gen. Edu. Resource
Client: Michelle Viotti
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/18/2003 - 0:09:25 Producer: Dan Maas

AVC-2003-191-1/1 **Hurricane Isabel - Video File**

NASA keeps a close watch on Hurricane Isabel with a suite of instruments aboard Earth observing satellites. Much of the data gathered comes from instruments built at NASA's JPL. This video file shows some of the images of Hurricane Isabel made from those instruments.
Audience: News Resource
Client: Buis
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/19/2003 - 0:05:35 Producer: Semerano

AVC-2003-192-1/1 **Goodbye Galileo - Galileo Impacts Jupiter**
Live production for NASA TV during Galileo's planned impact at Jupiter. Followed by musical performance by Not Ready for Real Time Players distributed in-house at JPL only.
10:59:20 Tape start
11:00:00 Show start
12:10:43 Show end
12:16:46 Musical performance starts
12:43:07 Musical performance ends
12:44:23 EOT
Audience: Gen.
Client: NASA TV & JPL
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/21/2003 - 1:45:03 Producer: Baggett/Agle/Kline

AVC-2003-193-1/1 **Jupiter Icy Moons Tour Animation -- Brighter Spacecraft**
In this version of the animation, the spacecraft has been brightened to contrast with the blackness of space.
Includes narration and music.
The original animation, MOS and with realistic lighting, is on AVC-2003-007. The same animation with narration and music is on AVC-2003-152.
Audience: Resource
Client:
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/23/2003 - 0:01:39 Producer: Semerano

AVC-2003-196-1/1 **Challenges of Getting to Mars - Testing the Rovers**
Overview of some of the testing of the Mars Exploration Rovers Spirit and Opportunity in the JPL Mars Yard.
Audience: Gen. Edu. Resource Site: Mars Yard/JPL
Client: Michelle Viotti, Org. 1861
Master: DVCProHD

Audio 1: Mono mix 2: Mono mix
09/30/2003 - 0:01:50 Producer: Scott Hulme

AVC-2003-197-1/1 **AIRS Level 2 Data - Video File**
NASA's Aqua spacecraft is giving meteorologists and climatologists the ability to generate CAT-scan-like profiles of Earth's atmosphere through an instrument built at JPL known as AIRS--the Atmospheric Infrared Sounder.
Audience: Gen. News Resource Site: JPL
Client: Buis
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/01/2003 - 0:19:12 Producer: Semerano

AVC-2003-198-1/1 **The 4 Launches of 2003: GALEX, Spirit, Opportunity & SIRTF**
An inspiring music driven opening shows JPL's 4 launches in 2003: GALEX, Spirit, Opportunity and SIRTF that was used for the State of the Laboratory address by Dr. Charles Elachi.
Audience: Gen.
Client: Baggett/Elachi
Master: DVCPro50
Audio 1: Stereo 2: Stereo
10/09/2003 - 0:02:11 Producer: Gary Savona

AVC-2003-200-1/1 **Patagonia Icefields (SRTM) - Video File**
A new study of the Patagonia Icefields in South America by NASA and Chile's Centro de Estudios Cientificos concludes the icefields, the largest non-Antarctic ice masses in the Southern Hemisphere, are thinning at a faster pace -- contributing to global sea-level rise.
Audience: Gen. JPL News Resource Site: JPL
Client: NASA TV/Buis
Master: DVCPro50 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/15/2003 - 0:16:27 Producer: Gary Savona

AVC-2003-203-1/1 **NASA Update**
NASA Administrator Sean O'Keefe discusses the new NASA Safety and Engineering Center at Langley Research Center and how its fits in to the agency's overall Return to Flight effort and NASA's other safety and engineering assessment programs. O'Keefe was joined by former Apollo flight director Gene Krantz, who as a result of his heroic efforts in helping to bring Apollo 13 safety back to Earth in April 1970, has come to embody American perseverance and determination. Krantz retired from NASA in 1994 after nearly

four decades of federal service and currently works as a consultant and speaker. "Failure is not and option", the motto that carried him through the Apollo 13 crisis, is also the title of his best selling book, published in 2001.
Audience: NASA Site: NASA HQ
Client: Blaine Baggett
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/30/2003 - 1:32:00 Producer: NASA TV

AVC-2003-204-1/1 **The Perfect Space Storm - Video File**
Newly uncovered scientific data of recorded history's most massive space storm is helping a NASA scientist investigate its intensity and the probability that what occurred almost a century- and-a-half ago could happen again.
Audience: Gen. News Resource Site: JPL
Client: Agle
Master:
Audio 1: Mono mix 2: Mono mix
10/22/2003 - 0:10:13 Producer: Semerano

AVC-2003-205-1/1 **The Deep Space Network Completes Upgrades - Video File**
The Deep Space Network, managed by NASA's Jet Propulsion Laboratory in Calif., is an international network that supports interplanetary spacecraft missions. With antennas in Spain, Australia, and California the network provides communication with spacecraft at all times.
Audience: Gen. News Resource Site: JPL
Client: NASA TV/Martinez
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
11/03/2003 - 0:13:36 Producer: Savona

AVC-2003-207-1/1 **NASA Space Science Update - Voyager 1 - Edge of the Solar System**
VTV-997
New observations from Voyager 1 indicate the spacecraft is approaching a formerly unexplored region at the very edge of our solar system.
Panelists: Dr. Merav Opher, JPL research scientist Dr. Edward Stone, Voyager project scientist and former JPL director
Dr. Stamatios M. "Tom" Krimigis, head of space department, John Hopkins University Applied Physics Laboratory, Laurel, MD.
Dr. Frank McDonald, senior research scientist, University of Maryland, College Park
Dr. Eric Christian, discipline scientist, Sun-Earth

Connection Division, NASA Headquarters
Voyager 1, built, flown and managed by JPL, left Earth in 1977 and made a string of discoveries while flying past Jupiter in 1979 and Saturn in 1980. Voyager 1, the most distant of any human-made object, is about 13.4 billion kilometers (about 8.4 billion miles) from the Sun, traveling at a speed of about 17 kilometers per second (roughly a million miles) every day. Its twin, Voyager 2, made a grand tour of four outer planets and is more than twice as far from the Sun as our solar system's most distant planet, Pluto. During their 26-year journey, they have paved the way to understanding Jupiter, Saturn, Uranus and Neptune.
Audience: Gen. News Resource Site: NASA HQ
Client: NASA HQ
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
11/05/2003 - 0:55:33 Producer: HQ (Borst)

AVC-2003-210-1/1 **Quakesim**
Two animations depicting the history of earthquake activity in the Southern California area. Narrated with music.
Audience: Gen. Site: JPL
Client: M. Judd
Master:
Audio 1: Stereo 2: Stereo
11/07/2003 - 0:04:25 Producer: Semerano

AVC-2003-211-1/1 **Voyager Nears The Edge of the Solar System**
Audience: Gen. Resource
Client: NASA TV
Master:
Audio 1: Mono mix 2: Mono mix
11/06/2003 - 0:22:00 Producer: Goddard TV

AVC-2003-212-1/1 **Finding Mars on Earth**
Dr. James Garvin, lead scientist for NASA's Mars Exploration Program, tours Surtsey Island, Iceland, demonstrating what can be learned about Mars from studying landforms on Earth that are similar to landforms on Mars.
Audience: Gen. Resource
Client: S. Watanbe
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
11/10/2003 - 0:02:00 Producer: Kline

AVC-2003-214-1/1 **Possible Ancient Lake Delta on Mars -- Video File**

Mars Global Surveyor images reveal a delta-like deposit on Mars, seen by scientists as evidence that the planet once had long-lasting rivers and lakes, not just brief intense floods. Includes a flyover animation by Malin Space Science Systems.
Audience: News Resource
Client: Webster
Master: DVCPro50
Audio 1: MOS 2: MOS
11/12/2003 - 0:03:34 Producer: Kline

AVC-2003-215-1/1
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Evidence of a River Delta on Mars - Web Video
Newly-seen details in images from NASA's Mars Global Surveyor show a fan-shaped deposit that provides evidence that some ancient rivers on Mars flowed for a long time, not just in brief intense floods.
Audience: News Resource
Client: S. Watanabe
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
11/14/2003 - 0:01:02 Producer: Kline

AVC-2003-219-1/1
VTV-998

von Kármán Lecture Series - The DSN Challenge for 2003-2004
Peter Doms talks about the Deep Space Network's (DSN) role in providing the only means of communication between distant spacecraft and Earth. From November, 2003 until February 2004, the DSN must meet the challenge of supporting more events of this magnitude than ever in its history.
Audience: Gen. Edu. Site: von Kármán Aud
Client: Public Services
Master: DVCPro25 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/20/2003 - 0:57:09 Producer: Gary Savona

AVC-2003-221-1/1

NASA's Stardust Spacecraft Prepares for Wild Encounter - Video File
On Jan. 2, 2004 at about 11:41 a.m. PST NASA's Stardust spacecraft will have a close encounter with comet Wild 2. A "cometary catcher's mitt," a tennis-racket-shaped particle catcher filled with a material called aerogel, will capture particles of comet dust and return them to Earth in 2006.
Audience: Gen. News Resource Site: JPL
Client: NASA TV/Agle
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix

12/19/2003 - 0:21:00 Producer: Gary Savona

AVC-2003-222-1/1 **Mars Rovers Heads for Challenging Arrivals - Video File**
1. Animation of mission.
2. B-roll of testing.
3. Launch highlights: Spirit.
4. Launch highlights: Opportunity.
Audience: News Resource
Client: Webster
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
11/28/2003 - 0:21:30 Producer: Kline

AVC-2003-223-1/1 **NASA First Person - Dr. Mark Adler - Web Production**
JPL employee, Dr. Mark Adler, explains his work as Spirit Mission Manager for the Mars Exploration Rover Project. Produced for the Daily Planet and the JPL home page.
Audience: Gen. Edu. Resource
Client: Angela Mcgahan
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
Produced for the Web
12/03/2003 - 0:03:28 Producer: Savona

AVC-2003-224-1/1 **SIRTF's New Name "SPITZER" and First Images**
The first colorful and revealing cosmic images from JPL's Space Infrared Telescope Facility (SIRTF) was unveiled and NASA Administrator Sean O'Keefe announced a new for the mission. Participants: Weiler, Werner, Bahcall, Fazio, Houck, and Rieke
Audience: Gen. News Resource Site: NASA HQ
Client: Gay Hill
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
12/18/2003 - 0:00:00 Producer: HQ (Borst)

AVC-2003-225-1/1 **Deciding Where to Land - Web Production**
Matt Golombek hosts a video produced for the web about what factors scientists and engineers consider in choosing landing sites for the Mars Exploration Rovers.
Audience: Gen. Site: JPL
Client:
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
12/01/2003 - 0:01:53 Producer: Semerano

AVC-2003-226-1/1 **Studying Earthquakes from Space: Progress Since Northridge -Video File**
A series of animations and stills depict methods of analysis and results achieved.
Audience: News Resource
Client: Buis
Master: DVCPro25
Audio 1: MOS 2: MOS
12/01/2003 - 0:13:18 Producer: Kline

AVC-2003-229-1/1 **Six Minutes of Terror - 3 Segments**
3 segments of total running time of 5:24 Min.
Challenges of Getting to Mars Series. Entry, Descent and Landing. Explanation of MER EDL by JPL Mars Exploration Team Members.
Audience: Gen. Edu. News Resource Site: JPL
Client: Michelle Viotti
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
12/02/2003 - 0:05:24 Producer: Beck

AVC-2003-230-1/1 **Six Minutes of Terror**
Challenges of Getting to Mars Series. Entry, Descent and Landing. Explanation of MER EDL by JPL Mars Exploration Team Members.
Audience: Gen. Edu. News Resource Site: JPL
Client: Michelle Viotti
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
12/02/2003 - 0:05:24 Producer: Beck

AVC-2003-231-1/1 **Earthquakes As Seen From Space-Earth Science Update**
NASA's unique contributions to this radidly maturing field of study and implications of this research mitigating future seismic hazards were focused in the update.
Panelists: Dr. Andrea Donnellan - Geophysicist and deputy manager of Earth and Space Sciences Division at JPL, Dr. Bradford H. Hager - Professor, Massachusetts Institute of Technology, Dr. John B. Rundle - Professor and founding director, Computational Science & Engineering at UC Davis, CA, Dr. Wayne Thatcher-Senior research geophysicist, U.S. Geological survey, Menlo Park, CA , Dr. James H. Whitcomb-Section head for Special Projects, Earth Sciences Division, National Foundation, Arlington, VA
Audience: News Site: NASA HQ
Client: Media Relations, Org. 1810

Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
12/04/2003 - 0:58:00 Producer: HQ (Hanchett)

AVC-2003-234-1/1 **Jupiter Icy Moons Orbiter Science Objectives - Video File**
Jupiter Icy Moons Orbiter animations shows a conceptual illustration of a proposed mission to the Jovian system.
Audience: News Resource Site: JPL
Client: NASA TV/Martinez
Master: DVCPro50
Audio 1: Silent 2: Silent
12/05/2003 - 0:08:36 Producer: Semerano

AVC-2003-236-1/1 **Lyman Spitzer, A Space Visionary**
A biography of Professor Lyman A. Spitzer, who created the concept of putting telescopes in space. Features interviews with prominent co-workers and Mrs. Spitzer. Produced for the announcement of the re-naming of the SIRTF spacecraft, the Spitzer Space Telescope.
Audience: News Resource
Client: Doris Daou
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
11/28/2003 - 0:05:23 Producer: Kline

AVC-2003-237-1/1 **Selected Scenes of Jim Garvin in Iceland**
Filmed on location 10/3/03 on Surtsey Island, Iceland.
Audience: Edu. Resource Site: Iceland
Client: Michelle Viotti
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/09/2003 - 0:10:00 Producer: Passaniti

AVC-2003-238-1/1 **Selected Scenes of Jim Garvin in Nevada**
Filmed on location at Sedan Crater, Nevada 11/03/2003.
Audience: Gen. Edu. JPL Resource Site: Nevada
Client: Michelle Viotti
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/09/2003 - 0:10:00 Producer: Passaniti

AVC-2003-239-1/1 **NASA Unveils Observations & Name for Space Observatory - Video File**
VIDEO FILE: The Spitzer Space Telescope, formerly known as the Space Infrared Telescope Facility, detects objects to cold, dusty or distant to be seen otherwise. Animations and

interviews with Dr. Michael Werner, Dr. George Rieke and David Gallagher.
Audience: News Resource
Client: NASA TV/Hill
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
12/11/2003 - 0:11:15 Producer: Kline

AVC-2003-240-1/1 **von Kármán Lecture Series - Exoplanetary Systems**
JPL Senior Research Scientist Dr. John Trauger will present "Pointing the Way to Exoplanetary Systems: New Initiatives in Space Astronomy and the Legacy of the Hubble Space Telescope"
Audience: Gen. Edu. Site: 186-AUD
Client: PSO, Org. 1840
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
12/11/2003 - 1:10:31 Producer: Semerano

AVC-2003-241-1/1 **NASA First Person - Dr. Shyam Bhaskaran - Web Production**
JPL employee, Dr. Shyam Bhaskaran, of the Stardust mission is navigating a spacecraft to collect samples from Comet/Wild 2 and return them to earth. Produced for the Daily Planet and the JPL home page.
Audience: Gen. Edu.
Client: Angela Mcgahan
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
Produced for the Web
12/16/2003 - 0:02:46 Producer: Gary Savona

AVC-2003-242-1/1 **Challenges of Getting to Mars - Navigation**
Overview of the navigation of the Mars Exploration Rovers Spirit and Opportunity. Two versions (with and without music).
Audience: Gen. Edu. News Resource
Client: Michelle Viotti
Master: DVCProHD Submaster: DVCProHD
Audio 1: Mono mix 2: Mono mix
12/15/2003 - 0:02:31 Producer: Scott Hulme

AVC-2003-243-1/1 **Challenges of Getting to Mars - Impact to Egress**
Overview of the Impact to Egress phase of the Mars Exploration Rovers Spirit and Opportunity. Full version.
Audience: Gen. Edu. News Resource
Client: Michelle Viotti

Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
12/22/2003 - 0:04:36 Producer: John Beck

AVC-2003-244-1/1 **Challenges of Getting to Mars - Impact to Egress (2 segments)**
Overview of the Impact to Egress phase of the Mars Exploration Rovers Spirit and Opportunity. Split version with two segments (02:20 and 02:22).
Audience: Gen. Edu. News Resource
Client: Michelle Viotti
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
12/22/2003 - 0:04:45 Producer: John Beck

AVC-2003-246-1/1 **Stardust Pre-Encounter News Briefing**
Participants:
Dr. Tom Morgan, Stardust Program Executive-NASA HQ, Tom Duxbury, Stardust Program Manager-JPL, Dr. Don Brownlee, Stardust Principal Investigator-University of Washington/Seattle, Ed Hirst, Stardust Mission Planner-JPL, Dr. Shyam Bhaskaran, Stardust Navigator/Imaging Science-JPL
Press Conference Ends at 39:40 Min. Total Running Time is 41:53 Min.
Audience: News Resource Site: von Kármán Aud.
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
12/30/2003 - 0:41:53 Producer: Savona

AVC-2003-249-1/1 **Ring World**
The story of the international Cassini/Huygens mission to Saturn and Titan. The narrated DVD uses animation to explain the mission. Produced before the arrival to Saturn. Narrated by John Billingsley.
Audience: Gen. Edu.
Client: Cassini/Huygens
Master: DVD Stored: 186-B10
Audio 1: Stereo 2: Stereo
Produced for planetarium use
For more information, contact Jane Houston Jones at Jane.H.Jones@jpl.nasa.gov or (818) 393-6435
11/01/2003 - 0:30:20 Producer: Brian Sullivan

AVC-2004-001-1/1 **MER Science Program News Briefing, 8:30am, 01/02/04**
Science Panel:
Dr. Jim Garvin-Lead Scientist for Mars Exploration Rovers,

NASA Headquarters
Dr. Steve Squyres-Principal Investigator for Mars Exploration Rovers, Cornell University
Dr. John Grant-Mission Science Team Member, Smithsonian Institution
Dr. Joy Crisp-Project Scientist, NASA Jet Propulsion Laboratory
Dr. Dan McCleese-Chief Scientist for Mars Exploration Rovers, NASA Jet Propulsion Laboratory
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/02/2004 - 0:58:20 Producer: Savona

AVC-2004-002-1/1 **MER Mission News Briefing, 9:30am, 1/2/04**
Mission Panel:
Dr. Ed Weiler-Associate Administrator for Space Science/NASA Headquarters Dr. Charles Elachi-NASA Jet Propulsion Laboratory Director
Orlando Figueroa-Director, Mars Exploration Program/NASA Headquarters
Dr. Firouz Naderi-Manager, Mars Exploration Program/NASA Jet Propulsion Laboratory
Pete Theisinger-Project Manager, Mars Exploration Rover, NASA Jet Propulsion Laboratory
57:57 Min. End of briefing
58:55 Min. Replay of supporting video
59:55 Min. Total Running Time
Site: JPL/von Kármán Audience: News Resrc.
Client: Media Relations, Org. 1810
Master: DVCPro Stored: 186-B10 Submaster: DVCPro
Audio 1: Mono mix 2: Mono mix
01/02/20 - 0:59:55 Producer: Savona

AVC-2004-003-1/1 **Commentary Stardust Encounter, 11:00am, 1/02/04**
Moderator:
Jane Platt, Media Relations Representative, JPL
Interviews:
Tom Duxbury-Stardust Project Manager, NASA Jet Propulsion Laboratory
Dr. Don Brownlee-Stardust Principal Investigator/University of Washington-Seattle
Ed Hirst-Stardust Mission Planner/NASA Jet Propulsion Laboratory
Dr.Peter Tsou-Stardust Deputy Principal Investigator/NASA

Jet Propulsion Laboratory
Dr. Martha Hanner-Stardust Co-Investigator/NASA Jet Propulsion Laboratory
Dr. Shyam Bhaskaran-Stardust Navigation/Imaging Science/NASA Jet Propulsion Laboratory,
Ray Newburn-Stardust Co-Imaging/NASA Jet Propulsion Laboratory
Don Yeomans-Deep Impact Dynamics Modeling/NASA Jet Propulsion Laboratory
Audience: Gen. News Site: JPL 230-MSA
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/02/2004 - 1:02:00 Producer: Savona

AVC-2004-004-1/1 **Missions Build Intrigue on Mars - Video File**
A series of animations showing flyovers of the Gusev Crater landing site for the Mars Exploration Rover "Spirit" and overviews of current and future Mars exploration plans.
Audience: News Resource
Client: Webster
Master: DVCPro25 Submaster: DVCPro25
Audio 1: MOS 2: MOS
01/02/2004 - 0:10:20 Producer: Kline

AVC-2004-005-1/1 **Stardust News Conference, 3:00pm, 1/2/04**
Panelists:
Orlando Figueroa-Director, NASA's Solar System Exploration Division/NASA Headquarters
Tom Duxbury-Stardust Project Manager/NASA Jet Propulsion Laboratory
Dr. Don Brownlee-Stardust Principal Investigator/University of Washington-Seattle
Ray Newburn-Stardust Co-Investigator, Imaging/NASA Jet Propulsion Laboratory
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/02/2004 - 1:07:19 Producer: Savona

AVC-2004-006-1/1 **MER "Spirit" Pre-Landing Status News Briefing, 12:00 noon, 01/03/04**
Panelists:
Peter Theisinger-Mars Exploration Rover Project Manager
Dr. Mark Adler-Deputy Mission Manager

Rob Manning-Mars Exploration Rover Project Entry, Descent & Landing Lead
Dr. Louis D'Amario-Mars Exploration Rover Navigation Team Chief
Jennifer Trosper-Spirit Mission Manager for Surface Operations
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/03/2004 - 1:03:00 Producer: Savona

AVC-2004-007-1/1 **MER "Spirit" Media Opportunity, 3:15pm, 01/03/04**
Panelists:
Dr. Ed Weiler-Associate Administrator for Space Science/NASA Headquarters
Dr. Charles Elachi-JPL Director
Mr. Orlando Figueroa-Director Mars Exploration Program/NASA Headquarters
Dr. Firouz Naderi-Manager Mars Exploration Program/JPL
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/03/2004 - 0:53:36 Producer: Semerano

AVC-2004-008-1/1 **MER "Spirit" Commentary-EDL, 6:45pm-9:00pm, 01/03/04**
Moderator:
Gay Yee Hill-Media Relations Representative
Interviews:
Wayne Lee-EDL Specialist/JPL
Rob Manning-EDL Manager/JPL
Steve Squares-Athena Principal Investigator/Cornell University
Pete Theisinger-Project Manager, MER/JPL
Chris Jones-Director of Planetary Flight Projects/JPL
Audience: News Resource Site: 264 CMSA Area
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/03/2004 - 2:18:00 Producer: Savona

AVC-2004-009-1/1 **MER "Spirit" Post Landing Briefing, 9:30pm-10:30pm, 1/03/04**
Panelists:
Sean O'Keefe-Administrator/NASA Headquarters
Dr. Ed Weiler-Associate Administrator for Space Science/NASA

Headquarters
Dr. Charles Elachi-Director/JPL
Pete Theisinger-Project Manager/JPL
Richard Cook-Deputy Project Manager/JPL
Rob Manning-Entry Descent & Landing Manager/JPL
(Landed & Got Tone!)
Audience: Tech. News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/03/2004 - 0:55:00 Producer: Semerano

AVC-2004-010-1/1 **MER "Spirit" Commentary, 11:00pm, 1/03/04**
Communications relay opportunity.
Moderator: Gay Yee Hill, Media Relations Representative
Interview: John Callas-Mars Exploration Rover Science Manager
First images shown from the Spirit rover.
Audience: Gen. News Resource Site: JPL 264-SMSA
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/03/2004 - 1:04:40 Producer: Savona

AVC-2004-011-1/1 **MER "Spirit" Landing News Briefing, 12:30am, 1/04/04**
Panelist:
Sean O'Keefe-Administrator/NASA Headquarters
Dr. Ed Weiler-Assoc. Administrator for Space Science/NASA Headquarters
Dr. Charles Elachi-Director/JPL
Pete Theisinger-Project Manager/JPL
Jennifer Trosper-Spirit Mission Manager for Surface Operations
Dr. Steve Squyres-Athena Principal Investigator/Cornell University
First images shown from the Spirit rover.
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/03/2004 - 0:49:30 Producer: Savona

AVC-2004-012-1/1 **MER "Spirit" News Briefing, 9:00am, 1/04/04**
Intro: Natalie Godwin, Media Relations Rep.
Panelists:
Jennifer Trosper-Mission Manager/JPL Matt Wallace-Deputy

Surface Development Manager/JPL
Dr. Steven Squyres-Principal Investigator/Cornell University
Brian Portock-Navigation Team/JPL
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/04/2004 - 0:58:20 Producer: Savona

AVC-2004-013-1/1 **MER "Spirit" Commentary, 11:45am-12:15pm, 1/4/04**
Rover Communication Session
Moderator:
Gay Yee Hill- JPL Media Relations Representative
Interview:
Jan Ludwinski-Mars Exploration Rover Mission Team Planning Chief/JPL
Audience: Gen. News Resource Site: JPL 264-SMSA
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/04/2004 - 0:58:00 Producer: Savona

AVC-2004-014-1/1 **MER "Spirit" Commentary, 2:25pm, 1/04/04**
Rover Communication Session.
Moderator:
Gay Yee Hill-JPL Media Relations Representative
Interview:
Jan Ludwinski-MER Mission Team Planning Chief/JPL
Audience: Gen. News Resource Site: JPL 264-SMSA
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/04/1904 - 0:34:00 Producer: Savona

AVC-2004-015-1/1 **MER "Spirit" Commentary, 7:00pm, 1/04/04**
Rover communication session.
Moderator: Gay Yee Hill-JPL Media Relations Representative
Interview: Dr. Mark Adler-Deputy Mission Manager/JPL
Audience: Gen. News Resource Site: JPL 264-SMSA
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/04/2004 - 1:00:00 Producer: Savona

AVC-2004-016-1/1 **MER "Spirit" News Briefing, 8:00pm, 1/4/04**
Mars "Dream Team"

Panelists:
Jason Willis-EDL Flight Director/JPL
Prasun Desai-EDL Trajectory Analyst/JPL
Miguel San Martin-Attitude Control Lead/JPL
Julie Townsend-Cruise Activity Lead/JPL
Wendy Calvin-Participating Scientist/JPL
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/04/2004 - 0:56:29 Producer: Savona

AVC-2004-017-1/1 **Spirit HD Landing Compilation**
VTV-1002 Edited HDTV compilation of MER Spirit landing
Audience: Gen. Resource Site: JPL
Client: Baggett, Org. 1800
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/04/2004 - 0:12:20 Producer: Beck

AVC-2004-018-1/1 **MER "Spirit" Commentary, 9:00pm, 1/04/04**
Moderator:
Gay Yee Hill- Media Relations Representative
Interview:
Dr. Mark Adler-Deputy Mission Manager/JPL
Audience: Gen. News Resource Site: JPL 264-SMSA
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/04/2004 - 0:58:42 Producer: Savona

AVC-2004-019-1/1 **MER "Spirit" News Briefing, 9:00am, 1/05/04**
Intro:
Veronica McGregor-Media Relations Rep.
Panelists:
Matt Wallace-Mission Manager/JPL
Dr. Steven Squyres-Principal Investigator
Art Thompson-Tactical Uplink Lead/JPL
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/05/2004 - 1:08:00 Producer: Savona

AVC-2004-020-1/1 **MER "Spirit" News Briefing, 9:00am, 1/6/04**
Panelists:

Dr. Firouz Naderi-Manager of Mars Exploration Program
Dr. Jim Bell-Payload Element Lead for the PanCam
Dr. Steve Squyres-Principal Investigator
Jennifer Trosper-Mission Manager for Surface Operations
Jessica Collisson-Flight Director
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/06/2004 - 1:08:00 Producer: Savona

AVC-2004-021-1/1 **Stardust Post-Encounter News Briefing, 1:00pm, 1/6/04**
Panelists:
Tom Duxbury-Stardust Project Manager
Dr. Don Brownlee-Stardust Principal Investigator
Dr. Thanasis (Tom) Economou-Stardust Dust Flux Monitor Team/University of Chicago
Dr. Benton Clark-Chief Scientist for Solar Exploration, Lockeed Martin Space Systems
Ray Newburn-Stardust Co-Investigator, Imaging
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/06/2004 - 1:00:00 Producer: Savona

AVC-2004-023-1/1 **MER "Spirit" News Briefing, 9:00am, 1/07/04**
Panelists:
Dr. Firouz Naderi-Manager, Mars Exploration Rover
Dr. Joy Crisp-Project Scientist for the Mission/JPL
Dr.Jim Bell-Payload Element Lead for the Pan Cam/ Cornell University
Dr. Ray Arvidson-Deputy Principal Investigator/Washington University
Arthur Amador-SOL 5 Mission Manager/JPL
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/07/2004 - 1:08:00 Producer: Savona

AVC-2004-024-1/1 **MER "Spirit" News Briefing, 9:00am, 1/08/04**
Panelists:
Dr. Albert Haldemann-Deputy Project Scientist/JPL Dr. Jim Bell-Payload Element Lead for the Pan Cam/Cornell University
Courtney Dressing-High school student from Virgina

Rafael Morozowski-High school student from Brazil Matt Wallace-Sol 6 Mission Manager/JPL
Henry Stone-Engineering Team Chief/JPL
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/08/2004 - 1:06:30 Producer: Savona

AVC-2004-025-1/1 **Red Rover Goes To Mars - Student Astronauts B-Roll Compilation**
A brief compilation of b-roll of Student Astronauts Courtney Dressing and Rafael Morozowski working with the Spirit rover team.
Audience: Edu. News Resource
Client: Michelle Viotti
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/08/2004 - 0:01:27 Producer: Scott Hulme

AVC-2004-026-1/1 **MER "Spirit" News Briefing, 9:00am, 1/9/04**
Panelists:
Dr. Albert Haldemann-Deputy Proj. Scientist/JPL Dr. Phil Christensen-Payload Element Lead-Mini-Thermal Emission Spectrometer/Arizona State University
Dr. Steve Squyres-Principal Investigator/Cornell University
Pete Theisinger-MER Project Manager/JPL
Matt Wallace-MER Mission Manager/JPL
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/09/2004 - 1:11:00 Producer: Savona

AVC-2004-027-1/1 **MER "Spirit" News Briefing, 9:00am, 1/10/04**
Panelists:
Jennifer Trosper - Mission Manager/JPL,
Chris Voorhees - Mechanical Systems Engineer/JPL,
Dr. Joy Crisp - Project Scientist/JPL,
Dr. Matt Golombek - Science Team Member/JPL
Dr. Mark Lemmon - Science Team Member/Texas A & M
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/10/2004 - 1:04:51 Producer: Kline

AVC-2004-028-1/1 **MER "Spirit" News Briefing, 9:00am, 1/11/04**
Intro: Natalie Goodwin, Media Relations Rep.
Panelists:
Arthur Amador - SOL 5 Mission Manager/JPL
Dr. John Callas - Mars Exploration Rover Project Manager/JPL
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/11/2004 - 1:00:00 Producer: Savona

AVC-2004-029-1/1 **MER "Spirit" News Briefing, 9:00am, 1/12/04**
Intro:
Natalie Goodwin, Media Relations Rep.
Panelists:
Dr. Joy Crisp-Projecy Scientist for the Mission at JPL
Dr. Michael Malin-Science Team Memeber at Malin Space Science Systems
Dr. John Grotzinger-Science Team Member/MIT
Arthur Amador-Mission Manager at JPL
Kevin Burke-Egress Mechanical Lead at JPL
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/12/2004 - 0:55:00 Producer: Savona

AVC-2004-031-1/1 **MER "Spirit" News Briefing, 9:00am, 1/13/04**
Intro: Veronica McGregor, Media Relations Rep.
Panelists:
Chris Lewicki-Flight Director/JPL
Joe Guinn-Navigation Team Member/JPL
Dr. Tim Parker-Science Team Member-Landing Site Mapping Scientist/JPL
Dr. Steve Squyres-Principal Investigator/Cornell University
Rob Manning-Entry, Descent and Landing Development Manager/JPL
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/13/2004 - 1:09:10 Producer: Savona

AVC-2004-032-1/1 **MER "Spirit" News Briefing, 9:00am, 1/14/04**
Intro: Natalie Goodwin, Media Relations Rep.
Panelists: Jennifer Trosper-Mission Manager/JPL

Kevin Burke-Egress Mechanical Lead/JPL
Dr. Justin Maki-Imaging Scientist/JPL
Dr. Albert Haldemann-Deputy Project Scientist/JPL
Dr. Ray Arvidson-Deputy Principal Investigator
Washington University in St. Louis
Dr. Micheal Smith-Science Team Member/NASA Goddard Space Flight Center
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/14/2004 - 0:50:42 Producer: Savona

AVC-2004-033-1/1 **President George W. Bush's Vision Announcement**
NASA Headquarters feed via LATOC
President George W. Bush offered his vision for America's continued leadership in space exploration. The president was joined by NASA Administrator Sean O'Keefe at NASA Headquarters.
Audience: NASA News Resource Site: NASA HQ
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/14/2004 - 0:42:28 Producer: NASA HQ

AVC-2004-034-1/1 **Vice President Dick Cheney Visits JPL**
Vice President Dick Cheney addressed the Mars Exploration Rover Project Team and the JPL community. NASA's Deputy Administrator Fred Gregory and JPL's Director Dr. Charles Elachi also addresses the JPL community.
Audience: JPL Resource Site: JPL Mall Area
Client: Media Relations, Org. 1810
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
01/14/2004 - 0:00:00 Producer: Savona

AVC-2004-035-1/1 **Vice President Dick Cheney Visits JPL - Video File**
Vice President Dick Cheney addressed the Mars Exploration Rover Project Team and the JPL community. NASA's Deputy Administrator Fred Gregory and JPL's Director Dr. Charles Elachi also addresses the JPL community.
Audience: News Resource Site: JPL Mall Area
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/14/2004 - 0:12:42 Producer: Savona

AVC-2004-037-1/1 **MER "Spirit" Egress Commentary, 12:30am, 1/15/04**
Moderator: Gay Yee Hill-JPL Media Relations Rep.
Interview: Rob Manning-Mars Exploration Rover Project Entry, Descent and Landing Lead/JPL
Audience: News Resource Site: JPL 264-SMSA
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/15/2004 - 1:31:00 Producer: Savona

AVC-2004-038-1/1 **MER "Spirit" News Briefing, 2:45am, 1/15/04**
Intro: Gay Yee Hill, Media Relations Rep.
Panelists: Dr. Charles Elachi-JPL Director
Pete Theisinger-Project Manager Exploration Rover/JPL
Jennifer Trosper-Mission Manager for Surface Operations/JPL
Kevin Burke-Lead Mechanical Engineer for Egress Chris Lewicki-Flight Director/JPL
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/15/2004 - 1:15:05 Producer: Savona

AVC-2004-039-1/1 **NASA Update with Sean O'Keefe**
NASA's Administrator Sean O'Keefe announced, "Now we have a Rover", once the rover Spirit rolled onto the Mars atmosphere this early morning. He discussed the Presidential announcement and the implications of the Columbia Shuttle disaster. He stated now we will step up to the challenges.
Audience: JPL NASA Site: NASA HQ
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/15/2004 - 1:30:50 Producer: HQ (Ziats)

AVC-2004-041-1/1 **MER "Spirit" News Briefing, 10:00am, 1/16/04**
Intro: Veronica McGregor-JPL Media Relations Rep.
Panelists:
Dr. Mark Adler-Mission Manager/JPL
Dr. Eric Baumgartner-Lead Engineer for Robotic Arm/JPL
Dr. Ken Herkenhoff-Science Lead for Microscopic Imager/U.S. Geological Survey
Jesscia Collisson-Flight Director-JPL
Dr. Rob Sullivan-Science Team Member/Cornell University
Dr. Joy Crisp-Project Scientist/JPL

Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/16/2004 - 0:54:30 Producer: Savona

AVC-2004-042-1/1 **Landing Day Compilation - MER "Spirit"**
Edited footage of control room at JPL during MER "Spirit" Landing Day. Includes footage of team when first images returned.
Audience: Edu. News Resource Site: JPL
Client: Michelle Viotti, Org. 1861
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/04/2004 - 0:09:48 Producer: Beck/Passaniti

AVC-2004-043-1/1 **MER Sol 2 Science Team Meeting Compilation**
Science Goals Assessment Team Meeting. Steve Squyres presiding. MER Science Team discusses objectives for up coming sols.
Audience: Edu. News Resource Site: JPL
Client: Michelle Viotti, Org. 1861
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/06/2004 - 0:12:39 Producer: Passaniti

AVC-2004-044-1/1 **MER "Spirit" Stand Up Compilation**
MER Team reacts to confirmation of stand up deployment of Spirit rover.
Audience: Edu. News Resource Site: JPL
Client: Michelle Viotti, Org. 1861
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/10/2004 - 0:04:42 Producer: Beck

AVC-2004-045-1/1 **MER Egress Turn and Roll Test**
MER Egress Turn and Roll off test in ISIL in preparation for Spirit actual roll off. Edited for TV.
Audience: Gen. Edu. News Site: JPL
Client: Gay Yee Hill, Org. 1810
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/14/2004 - 0:02:00 Producer: Passaniti

AVC-2004-046-1/1 **MER Egress Turn and Roll Compilation**
MER Egress Turn and Roll testing (three tests) for Spirit's

upcoming roll off.
Audience: Edu. News Resource Site: JPL
Client: Michelle Viotti, Org. 1861
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/14/2004 - 0:11:05 Producer: Passaniti

AVC-2004-047-1/1 **Vice President Dick Cheney Visit to JPL Mall Presentation**
HD Compilation of Vice President Dick Cheney's visit to JPL. Speeches by General Tattini, NASA's Deputy Administrator Fred Gregory and JPL's Director Dr. Charles Elachi.
Audience: Edu. News Resource Site: JPL
Client: Michelle Viotti, Org. 1861
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/14/2004 - 0:13:54 Producer: Passaniti

AVC-2004-048-1/1 **Mars Exploration Rover: Launch through Exploration**
This is a combination of the actual launch of the "Spirit" Mars Exploration Rover and an animation of the rover's exploration of Mars. The rover in the animation moves much faster than the real rover did.
Audience: Gen. Resource
Client: Scholastic-Grolier
Master:
Audio 1: Mono mix 2: Mono mix
01/16/2004 - 0:09:09 Producer: Kline

AVC-2004-049-1/1 **MER "Spirit" News Briefing, 9:00am, 1/19/04**
Panelists:
Dr. Mark Adler-Mission Manager/JPL
Dr. Eddie Tunstel-Mission Manager/JPL
Dr. Dave Des Marais-Researcher/NASA's Ames Research Center
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/19/2004 - 0:43:30 Producer: Savona

AVC-2004-050-1/1 **Passport to Knowledge - "First Look" (MER)**
Houston-
Host: Bill Nye
Guests: Orlando Figueroa NASA HQ (Director of Solar System Exploration and "Mars Czar"), Carolyn Sumners, HMNS, Alisha Oakes, Maricela, Lori, etc., UHD
JPL-

Host: Stephenie Lievense
Guests, live and on tape: Steve Squyres, Cathy Weitz, Kobie Boykins, Zoe Learner, Wayne Lee or Rob Manning, TPS "Red Rover Goes to Mars" kids and ATHENA Student Interns involved in MER
Program Description:
PASSPORT TO KNOWLEDGE presented "FIRST LOOK", hosted by Bill
Nye The Science Guy, an hour-long interactive program originating live from NASA's Jet Propulsion Laboratory in Pasadena, CA (home base for the rover mission), and from several action-packed locations in the Houston Museum of Natural Science in Houston. Premiering just a few days after "Spirit" began roving around the Red Planet, the program provided a literal "first look" at astonishing new vistas and science data "just in" from Mars. On camera at JPL commenting on the first new pictures and observations, lead Science Investigator, Steve Squyres, and Cathy Weitz, NASA's Mars Exploration Rover Program Scientist. Entry, Descent and Landing engineer, Adam Steltzner, provided a play-by-play of "Spirit's" exciting but risk-filled landing, and look ahead to "Opportunity's" arrival on January 24th. Mechanical engineer Kobie Boykins explained the challenges of deploying the solar panels and science instruments, and the difficult task of getting off the lander petals and safely onto the Martian surface. Science team member Zoe Learner described results from the first experiments using the cameras and the rover's sophisticated sensors. Stephenie Lievense hosts at JPL.
Audience: Gen. Edu. Site: JPL & Houston
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/17/2004 - 0:58:00 Producer: Geoff Haines-Stiles

AVC-2004-051-1/1 **MER "Spirit" News Briefing, 9:30am, 1/20/04**
Intro: Natalie Goodwin-Media Relations Rep.
Panelists: Dr. Steve Squyres-Principal Investigator/Cornell
Dr. Goestar Klingelhoefer-Payload Element Lead for Moessbauer Spectrometer/University Mainz, Germany Dr. Johannes Brueckner-Science Team/Max Planck Institute for Chemistry/Germany
Jennifer Trosper-Mission Manager/JPL
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix
01/20/2004 - 0:37:30 Producer: Savona

AVC-2004-052-1/1 **MER "Spirit" News Briefing, 10:00am, 1/21/04**
Intro: Veronica McGregor, Media Relations Rep.
Panelists: Randel Lindemann-Mechanical Subsystem Engineer/Jet Propulsion Laboratory
Jennifer Trosper-Mars Exploration Rover Mission Manager/Jet Propulsion Laboratory
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/21/2004 - 0:57:10 Producer: Savona

AVC-2004-054-1/1 **January 3, 2004 -- MER "Spirit" Landing Day (HDTV)**
Fast-paced story of the Mars Exploration Rover "Spirit" landing on Mars including signal confirmation and first images. Uses animation and footage of the excited team members in the Mission Support Areas.
Audience: Gen. Edu. Resource Site: JPL & animation
Client: Baggett, Org. 1800
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/14/1904 - 0:03:44 Producer: Beck/Baggett

AVC-2004-056-1/1 **MER "Spirit" News Briefing, 9:00am, 1/22/04**
Intro: Veronica McGregor, Media Relations Rep.
Panelists: Pete Theisinger-Mars Exploration Rover Project Manager/Jet Propulsion Laboratory and Richard Cook-Mars Exploration Rover Deputy Project Manager Jet Propulsion Laboratory
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/22/2004 - 0:26:30 Producer: Savona

AVC-2004-057-1/1 **Shuttle Radar Topography Mission (SRTM) Maps Eurasia - Video File**
NASA and the Nat'l Geospatial-Intelligence Agency have released a new digital data set of most of Europe and Asia, plus numerous islands in the Indian and Pacific Oceans, created by the Shuttle Radar Topography Mission (SRTM). Interview with Dr. Robert Crippen follows animation & b-roll.

Audience: News Resource Site: JPL
Client: NASA TV/Buis
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
01/22/2004 - 0:14:47 Producer: Savona

AVC-2004-058-1/1 **MER "Spirit" Roll Off Lander Sol 12**
HDTV compilation of "Spirit" egress off of lander onto dirt. MER team reaction to commands being sent and first images returned to MSA.
Audience: Resource Site: JPL
Client: , Org. 1861
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/15/2004 - 0:06:02 Producer: Rino Passaniti

AVC-2004-059-1/1 **Hematite Animation of Meridiani**
Animated flyover of the Meridiani landing site for the Mars Exploration Rover "Opportunity" uses color to highlight the locations of minerals, including hematite.
Audience: Resource
Client: G. Webster
Master: DVCPro25 Submaster: BCAMsp
Audio 1: MOS 2: MOS
01/22/2004 - 0:00:30 Producer: Kline/Noss

AVC-2004-060-1/1 **Imagery from Spirit Rover - Video File**
Three animated pans and a series of still images, including a 3-D analglyph, made from data supplied by the Mars Exploration Rover "Spirit" during the early part of its mission on the Martian surface.
Audience: News Resource
Client: G. Webster
Master: DVCPro25 Submaster: BCAMsp
Audio 1: MOS 2: MOS
01/22/2004 - 0:10:20 Producer: Kline/DIAL

AVC-2004-061-1/1 **MER "Opportunity" News Briefing, 9:00am, 1/23/04,**
Intro: Natalie Goodwin, Media Relations Rep.
Panelists: Dr. Jim Garvin-Lead Scientist for Mars Exploration/NASA Headquarters
Dr. Joy Crisp-Project Scientist/Jet Propulsion Laboratory
Dr. Ray Arvidson-Deputy Principal Investigator/Washington University, St. Louis
Audience: News Resource Site: JPL von Karma
Client: Media Relations, Org. 1810

Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/23/2004 - 0:48:00 Producer: Savona

AVC-2004-062-1/1 **MER "Spirit" News Briefing, 10:00am, 1/23/04**
Intro: Veronica McGregor, Media Relations Rep.
Panelist:
Pete Theisinger-Project Manager
Wayne Lee-Chief Engineer for Entry, Descent and Landing
Miguel San Martin-Guidance & Control Chief for Entry Descent and Landing
Dr. Adam Steltzner-Mechanical Systems Lead for Entry Descent and Landing
Dr. Mike Malin-Principal Investigator for MGS Orbital Camera/Science Team Member for MER Mission.
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/23/2004 - 1:00:30 Producer: Savona

AVC-2004-063-1/1 **Opportunity Landing Day Comp Reel**
Contains:
Spirit Launch into Maas Animation 8:12;
Spirit Landing Day 3:44;
Spirit Roll Off Day 6:00;
Sol 10 Panorama 2:20;
Sol 16 Sunday Drive 00:12;
Sol 13 Robot Arm Stretch 00:23;
Sol 16 Adirondack Rock 1:03;
Sol 18 Empty Nest 2:28
Audience: Resource Site: JPL
Client: V McGregor, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/24/2004 - 0:26:22 Producer: Passaniti

AVC-2004-064-1/1 **MER "Opportunity" Landing Update, 12:00 noon, 1/24/04**
Panelists:
Pete Theisinger - Project Manager/JPL
Jim Erickson - Opportunity Mission Manger/JPL
Dr. Louis D'Amario - Navigation Team Manager/JPL
Nagin Cox - Deputy Engineering Team Chief/JPL
Rob Manning - Entry, Descent & Landing Manager/JPL
Audience: News Resource Site: JPl von Kármán
Client: Media Relations, Org. 1810

Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/24/2004 - 1:01:00 Producer: Savona

AVC-2004-065-1/1 **MER "Opportunity" Fireside Chat, 2:00pm, 1/24/04**
Panelists:
Dr. Ed Weiler-Associate Administrator for Space Science/NASA Headquarters
Dr. Charles Elachi-JPL Director
Orlando Figueroa-Director Mars Exploration Rover Program/NASA Headquarters
Firouz Naderi-Mars Exploration Rover Manager/Jet Propulsion Laboratory
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/24/2004 - 0:56:30 Producer: Savona

AVC-2004-066-1/1 **MER "Opportunity" O'Keefe Mars Chat, 4:00pm, 1/24/2004**
Intro: Don Salvage/NASA Headquarters Public Affairs
Panelist: Sean O'Keefe-Administrator/NASA Headquarter
Dr. Charles Elachi-Jet Propulsion Laboratory Director
Dr. Ed Weiler-Associate Administrator of Space Sciences/NASA Headquarters
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/24/2004 - 1:02:00 Producer: Savona

AVC-2004-067-1/1 **MER "Opportunity" Commentary, 7:30pm, 1/24/04**
Moderators:
Gay Yee Hill-Media Relations Rep. and Chris Jones-Director for Planetary Flight Projects
Interviews: Dr. Firouz Naderi-Manager of MER Program/JPL
Pete Theisinger-Project Manager/JPL
Rob Manning-Entry, Descent and Landing Manager/JPL
Dr. Joy Crisp-Project Scientist/JPL
Audience: News Resource Site: BLDG. 230
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/24/2004 - 2:13:00 Producer: Savona

AVC-2004-068-1/1 **MER "Opportunity" Post Landing News Briefing, 10:30pm, 1/24/04**

Intro: Veronica McGregor, Media Relations Rep.
Panelists: Sean O'Keefe-Administrator/NASA Headquarters
Dr. Ed Weiler-Associate Administrator of Space Sciences/NASA Headquarters
Dr. Charles Elachi-Director of JPL
Pete Thesigner-Project Manager
Richard Cook-Deputy Project Manager/JPL
Rob Manning-Entry, Descent and Landing Manager
Audience: News Resource Site: jpl von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/24/2004 - 0:58:40 Producer: Savona

AVC-2004-069-1/1 **MER "Opportunity" Commentary, 12:45am, 1/25/04**
First Images
Moderator: Gay Yee Hill, Media Relations Representative
Interviews: Dr. John Callas-Mars Exploration Rover Science Manager/Jet Propulsion Laboratory
Audience: News Resource Site: JPL 264-SMSA
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/25/2004 - 0:48:00 Producer: Savona

AVC-2004-070-1/1 **MER "Opportunity" First Pictures News Briefing, 2:00am, 1/25/04**
Intro:Veronica McGregor-Media Relations Rep.
Panelists: Dr. Charles Elachi- Director of JPL
Pete Thesigner- Project Manager/JPL
Richard Cook- Deputy Project Manager/JPL
Matt Wallace- Flight Systems Project Manager/JPL
Dr. Steve Squyres- Principal Investigator/Cornell University
Dr. Larry Soderblom- Athena Team Member/United States Geological Survey
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/25/2004 - 0:44:00 Producer: Savona

AVC-2004-071-1/1 **MER Opportunity Commentary, 11:30am, 1/25/04**
Moderator: Gay Yee Hill, Media Relations Representative
Interview: Jan Ludwinski-Mars Exploration Rover Mission Planning Chief/Jet Propulsion Laboratory
Audience: News Resource Site: JPL 264-SMSA
Client: Media Relations, Org. 1810

Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/25/2004 - 1:05:30 Producer: Savona

AVC-2004-072-1/1 **MER Opportunity & Spirit News Briefing, 1:00pm, 1/25/04**
Intro: Natalie Goodwin-Media Relations Representative
Panelists: Pete Theisinger-Mars Exploration Rover Project Manager/Jet Propulsion Laboratory
Arthur Amador-Mission Manager/Jet Propulsion Laboratory
Dr. Steve Squyres-Principal Investigator/Cornell University
Dr. Doug Ming-Science Team Member/NASA Johnson Space Center
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/25/2004 - 0:59:50 Producer: Savona

AVC-2004-073-1/1 **MER "Opportunity" News Briefing, 9:00am, 1/26/04**
Intro: Veronica McGregor, Media Relations Rep.
Panelists: Dr. Steve Squyres-Principal Investigator/Cornell University
Dr. Jim Bell-Panoramic Camera Team Lead/Cornell University
Jennifer Trosper-Mission Manger/JPL
Jim Erickson-Mission Manager/JPL
SET
Jackie Lyra-Activity Lead/JPL
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/26/2004 - 1:00:20 Producer: Savona

AVC-2004-074-1/1 **"Opportunity" Landing Night Highlights**
Excerpts from NASA TV coverage of the enter, descent and landing of the Mars Exploration Rover "Opportunity." Mix of HD and SDTV.
Audience: News Resource Site: JPL 230 CSMA
Client: Media Relations
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/24/2004 - 0:07:45 Producer: Beck

AVC-2004-075-1/1 **Roll-ins for Commentary during EDL of MER "Opportunity"**
Pancam pan of landing site; EDL section of Maas animation; "Spirit" parachute animation based on data; Meridiani hematite flyover; old Odyssey animation.; airbag deflation test (testbed);

various stills and sequences from Spirit images; rock "Adirondack" in 3-D; pan of Lander after Spirit had left it.
Audience: Resource
Client: JPL
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/24/2004 - 0:12:37 Producer: Savona

AVC-2004-076-1/1 **Mars Exploration Rover Briefing, 9:00am, 1/27/04**
Intro: Veronica McGregor-Media Relations Rep.
Panelists: Dr. Steve Squyres-Principal Investigator/Cornell University, Dr. Andrew Knoll-Science Team Member/Harvard University, Jim Erickson-Mission Manager/Jet Propulsion Laboratory, Jennifer Trosper-Mission Manager/Jet Propulsion Laboratory
Audience: News Resource Site: JPl von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/27/2004 - 1:04:00 Producer: Savona

AVC-2004-077-1/1 **Rover Navigation 101 - Web Production**
Animation that describes the autonomous navigation system done by the Mars Exploration Rovers for their treks on Mars. Animation Jack Morrison Principle Investigator Mark Maimone
Audience: Gen. Edu. Resource
Client: Viotti
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/27/2004 - 0:05:00 Producer: Passaniti

AVC-2004-078-1/1 **Mars Exploration Rover Briefing, 9:00am, 1/28/04**
Intro: Natalie Goodwin, Media Relations Rep.
Panelists: Dr. Rick Welch-Activity Lead/Jet Propulsion Laboratory
Dr. Matt Golombek-Science Team Member/Jet Propulsion Laboratory
Dr. Jim Bell-Lead Scientist for the Pan Cam/Cornell University
Jennifer Trosper-Mission Manager/Jet Propulsion Laboratory
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/28/2004 - 0:59:00 Producer: Savona

AVC-2004-079-1/1 **Columbia Memorial Ceremony**
Audience: NASA Site: NASA-TV
Client:
Master:
Audio 1: Mono mix 2: Mono mix
01/29/2004 - 1:00:00 Producer: NASA-TV

AVC-2004-080-1/1 **Army 2nd Lt. Todd J. Bryant Memorial Flag Ceremony**
Mr. & Mrs. Larry Bryant present to JPL the flag flown above the U.S. Capitol the day their son Todd, killed during Operation Iraqi Freedom, was laid to rest. The flag was hung in the Mission Support Area for the landing of the Opportunity rover on Mars. Excerpts of landing also included.
Audience: News Resource Site: JPL
Client: Bryant
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
01/24/2004 - 0:07:03 Producer: Hulme

AVC-2004-082-1/1 **Mars Exploration Rover Briefing, 9:00am, 1/30/04**
Panelists: Dr. Mark Adler, Mission Manager/JPL
Daniel Limonadi, Rover Systems Engineer/JPL
Dr. Ron Li, Science Team Member, Ohio State Univ.
Dr. Ray Arvidson, Deputy Principal Investigator, Washington Univ. in St. Louis
Dr. Bodo Bernhardt, Science Team Member, Univ. of Mainz, Germany
Dr. Dick Morris, Science Team Member, NASA Johnson Space Center
Audience: News Resource Site: vK Aud. / JPL
Client: Media Relations
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/30/2004 - 0:45:35 Producer: Savona

AVC-2004-083-1/1 **Mars Student Imaging Project - Video File**
Compilation of footage of students working on the Mars Student Imaging Project, a NASA education program that allows students to take their own picture of Mars.
Audience: News Resource
Client: Media Relations
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/30/2004 - 0:08:00 Producer: Hulme

AVC-2004-084-1/1 **Mars Exploration Rover Opportunity Egress - Video File**
Pan of landing site. Images made immediately after egress. Go/no-go poll. Uplinking the command to egress. First images.
Audience: News Resource
Client: Webster
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/31/2004 - 0:07:59 Producer: Kline

AVC-2004-086-1/1 **Mars Exploration Rover News Briefing, 4:00am, 1/31/04**
Panelists: Matt Wallace, Mission Manager/JPL
Joel Krajewski, Chief Engineer, Impact to Egress/JPL
Kevin Burke, Lead Mechanical Engineer for Egress/JPL
Chris Lewicki, Flight Director/JPL
Chris Salvo, Flight Director, Dr. Phil Christensen, Lead Scientist for Mini-TES/JPL
Audience: News Resource Site: von Kármán Aud.
Client: , Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/31/2004 - 0:40:25 Producer: Savona

AVC-2004-087-1/1 **Mars Exploration Rover Press Briefing, 9:00am, 2/02/04**
Panelists:
Dr. Jeff Johnson, Science Team Member/
U.S. Geological Survey - Flagstaff
Joe Melko, Systems Engineer For Robotic Arm/JPL
Jennifer Trosper, Mission Manger/JPL
Audience: News Resource Site: vK Aud. / JPL
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/02/2204 - 0:36:20 Producer: Savona

AVC-2004-088-1/1 **Opportunity Science Assessment Meeting, Sol 2**
Edited raw footage compilation of the Mars Exploration Rover Science Team members discussing plans for Opportunity at its landing site, Meridiani Planum. Compiled from HD source material.
Audience: Resource Site: JPL
Client: Michelle Viotti
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/26/2004 - 0:19:57 Producer: Hulme

AVC-2004-089-1/1 **NASA Administrator O'Keefe on NASA Budget**
NASA Admin. Sean O'Keefe gives an overview of the new NASA budget
Audience: JPL NASA
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/03/2004 - 1:29:00 Producer: NASA TV

AVC-2004-091-1/2 **Egress Commentary for "Opportunity", 12:00-3am, 1-31-04**
Moderator: Gay Yee Hill, Media Relations Representative
Interview: Jim Erickson, Mars Exploration Rover Mission Manager/Jet Propulsion Laboratory
Audience: News Resource Site: JPL
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/31/2004 - 3:06:00 Producer: Savona

AVC-2004-091-2/2 **Egress Commentary for "Opportunity", 3:06-3:22am, 1-31-04**
Part 2 of 2
Audience: News Resource Site: JPL
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/31/2004 - 0:21:06 Producer: Savona

AVC-2004-092-1/1 **Mars Exploration Rover Project News Briefing, 10:00am, 2/04/04**
Panelists: Dr. Steve Squyers-Principal Investigator/Cornell
Dr. Ken Herkenhoff-Lead Scientist for Microscopic Imager/Flagstaff
Dr. Hap McSween-Science Team Member/Univ. of Tenessee
Dr. Franz Renz-Science Team Member/University of Mainz
Dr. Mark Adler-Spirit Dep. Mgr/JPL
Audience: News Resource Site: von Kármán Aud.
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/04/2004 - 0:49:20 Producer: Savona

AVC-2004-093-1/1 **Mars Exploration Rover News Briefing, 10:00am, 2/6/04**
Moderator: Natalie Godwin, Media Relations Rep.
Panelists: Jennifer Trosper-Spirit Mission Manager/JPL
Glenn Reeves-Flight Software Architect/JPL
Stephen Gorevan-Payload Element Lead for Rock Abrasion

Tool/Honeybee Robotics, New York
Dr. Ken Herkenhoff-Lead Scientist for Microscopic Imager/U.S. Geological Survey, Flagstaff
Matt Wallace-Opportunity Mission Manager/JPL
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/06/2004 - 0:43:00 Producer: Savona

AVC-2004-094-1/1 **Mars Exploration Rover EDL Team Celebrates at News Conference**
Members of the Mars Exploration Rover Entry, Descent & Landing team celebrate at the post-landing press conference for Opportunity.
Audience: News Resource
Client: Michelle Viotti
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/24/2004 - 0:03:25 Producer: Beck

AVC-2004-095-1/1 **Mars Exploration Rover Project News Briefing, 9:00am, 2/9/04**
Intro: Natalie Goodwin, Media Relations Rep.
Panelist: Tim McElrath-Deputy Chief, Navigation Team/JPL
Dr. Andrew Johnson-Descent Image Motion Estimation Ssytem Engineer/JPL
Dr.. Tim Parker-Science Team Member/JPL
Dr. Michael Malin-Science Team Member/Malin Space Science Systems
Dr. Steve Squyres-Principal Investogator/Cornell University
Dr. Mark Maimone-Mobility Software Engineer/JPL
Audience: News Resource Site: von Kármán Aud.
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/09/2004 - 0:45:30 Producer: Savona

AVC-2004-096-1/1 **Overview Compilation of Spirit & Opportunity to Date**
Made for NASA's Italian office. [1] Animation, [2] Spirit's location ID'd, [3] 360-degree pan, [4] Opportunity's location ID'd, [5] Pan of Opportunity's empty lander, [6] Edited version of EDL (Entry, Descent, Landing) including mission control scenes.
Audience: Resource
Client: NASA
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix

02/10/2004 - 0:26:21 Producer: Kline

AVC-2004-097-1/1 **Opportunity 1st Image Return Compilation**
Compiled from HD. Mars Exploration Rover Team reacts to the 1st images sent back from the Opportunity rover.
Audience: News Resource Site: JPL
Client: M. Viotti, Org. 1861
Master: DVCProHD Submaster: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/25/2004 - 0:08:12 Producer: R. Passaniti

AVC-2004-098-1/1 **Spirit Sol 30 Operations - Brush attempt on Adirondack & IDD fault**
Edited raw footage compilation. Spirit team members send commands for the rover to exercise its Instrument Deployment Device, but find that a Sun-finding fault hinders the rover's progress. Audio channels 1 & 2: VOCA net & Camera mike.
Audience: Resource Site: JPL
Client: Michelle Viotti
Master: DVCProHD
Audio 1: VOCA net 2: Camera mic
02/02/2004 - 0:12:08 Producer: Hulme

AVC-2004-099-1/1 **Opportunity Sol 12 Operations - IDD stow & drive toward outcrop**
Edited raw footage compilation. Opportunity team members send commands for the rover to stow its Instrument Deployment Device and drive toward the nearby rock outcrop. Audio channels 1 & 2: VOCA net & Camera mic.
Audience: Resource Site: JPL
Client: Michelle Viotti
Master: DVCProHD
Audio 1: VOCA net 2: Camera mic
02/05/2004 - 0:13:45 Producer: Hulme

AVC-2004-100-1/1 **Mars Exploration Rover News Briefing 2/12/04**
Panelists: Art Thompson/ Tactical Uplink Lead, Dr. Mark Lemmon/Science Team Member, Dr. Don Banfield/Science Team Collaborator, Sheri Klug/Pre-College Mars Educ., Dr. Wendy Calvin/Science Team Member, Shannon Thiessen/High School Student
Audience: News Resource Site: von Kármán Aud.
Client: Media Relations
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/12/2004 - 1:00:00 Producer: Savona

AVC-2004-101-1/1 **Spitzer Space Telescope Sends a Valentine - Video File**
NASA's Spitzer Space Telescope captures an image showing a cluster of newborn stars shaped like a shimmering pink rosebud. This rose-like nebula called "NGC 7129" is located 3,330 light years away in the constellation Cepheus.
Audience: News Resource Site: JPL
Client: Gay Yee Hill
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/11/2004 - 0:00:40 Producer: Semerano

AVC-2004-102-1/1 **PlanetQuest - The Search for Another Earth**
Dr. Geoff Marcy is featured in a production highlighting the continuing discovery of planets around other stars.
Audience: Gen. Edu. Site: JPL
Client: Michael Greene
Master: DVCPro50
Audio 1: Stereo 2: Stereo
02/12/2004 - 0:02:58 Producer: Semerano

AVC-2004-103-1/1 **Mars Exploration Rover Wheel Trenching Activity**
Engineers rehearse wheel trenching with an engineering model of the Mars Exploration Rovers on a makeshift slope outside JPL's In-Situ Instrument Laboratory.
Audience: Gen. Edu. Resource Site: JPL
Client: Michelle Viotti
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
02/06/2004 - 0:19:00 Producer: Hulme

AVC-2004-104-1/1 **A Renewed Spirit of Discovery**
President George W. Bush unveils his vision for America's future in space. In this edited highlight video, supported by animation, he briefly describes the future of the Space Station and the Space Shuttle. Describes new missions to the Moon, Mars and beyond.
Audience: Gen. Resource Site: NASA HQ
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/13/2004 - 0:04:25 Producer: NASA HQ

AVC-2004-105-1/1 **Mars Exploration Rover Project News Briefing**
Intro: Veronica McGregor, Media Relations Rep.
Panelists: Richard Cook-Deputy Project Manager/JPL
Peter Theisinger-Prject Manager/JPL

Dr. Ray Arvidson-Deputy Project Manager/Washington University in St. Louis
Jeffrey Biesiadecki-Rover Planner/JPL
Dr. Rob Sullivan-Science Team Member/Cornell University
Audience: News Resource Site: JPL TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/17/2004 - 0:46:00 Producer: Savona

AVC-2004-106-1/1 **African American History Month - Video File**
JPL honors the extraordinary accomplishments of African American scientists and engineers
Audience: News Resource
Client: Natalie Godwin
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/17/2004 - 0:18:27 Producer: Hardine/Ford

AVC-2004-108-1/1 **Two Landings - Spirit and Opportunity**
Mars Exploration Rover team members celebrate the landings and first image returns from Spirit and Opportunity.
Audience: Gen. Edu. Resource Site: JPL
Client: Dr. Charles Elachi, Org. 1000
Master: DVCProHD Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/18/2004 - 0:04:38 Producer: John Beck

AVC-2004-109-1/1 **Mars Exploration Rover Project News Briefing**
Intro: Veronica McGregor, Media Relations Rep.
Panelists: Andrea Barbieri-Telecom System Engineer/JPL
Dr. Steve Squyres-Principal Investigator/Cornell University
Dr. Eric Baumgartner-Lead Engineer for Robotic Arm/JPL
Dr. Albert Yen-Science Team Member/JPL
Dr. Dave Des Marais-Science Team Member NASA Ames Research Center
Audience: News Resource Site: JPL TV Studio
Client: Media Relations
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/19/2004 - 0:54:00 Producer: Savona

AVC-2004-111-1/1 **NASA First Person - Dr. Eddie Tunstel - A Web Production**
JPL employee, Dr. Eddie Tunstel, explains his work on the Mars Exploration Rover Project. Produced for the Daily Planet and the JPL home page.

Audience: Gen. Edu. Resource Site: JPL
Client: Angela Mcgahan
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
Produced for the Web.
02/20/2004 - 0:03:44 Producer: Gary Savona

AVC-2004-113-1/1
VTV-1006

von Kármán Lecture Series- Artificial Life: Life NOT As We Know It
Dr. Chris Adami, Principal Scientist in JPL's Quantum Computing Technologies Group. He discussed finding life, biomarkers and how to create artificial life within computer programs.
Audience: Gen. Site: von Kármán Aud
Client: PSO, Org. 1840
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/20/2004 - 1:20:37 Producer: Reggie Hardine

AVC-2004-114-1/1

Mars Exploration Rover Driving Software - Video File
Rover drivers use 3D software to plan out mobility and instrument activities for Spirit and Opportunity.
Audience: News Resource Site: JPL
Client: Michelle Viotti
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
02/13/2004 - 0:06:00 Producer: Scott Hulme

AVC-2004-116-1/1

Mars Exploration Rover News Briefing 2-26-04
Introduction: Natalie Godwin
Panelists: Jennifer Trosper, Dr. Ray Arvidson, Dr. Jim Bell, and Shane Thompson.
Audience: News Resource Site: vK Studio
Client: Media Relations
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/26/2004 - 0:57:50 Producer: Savona

AVC-2004-118-1/1

Women Working on Mars - Part II
Women scientists and engineers working on the Mars Exploration Rover Mission discuss their roles on the mission, and their experiences as women in a mostly male environment. This talk-show formatted production includes questions from the live and interactive audiences. Panelist include Shante Wright, Julie Townsend, Elaina McCatney and Zoe Learner.
Audience: Edu. JPL Site: von Kármán Aud

Client: Stephanie Lievense
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/26/2004 - 0:55:00 Producer: Kline

AVC-2004-121-1/1 **Water on Mars Press Conference, 11:00am**
Significant findings from NASA's Mars Exploration Rover Opportunity, now exploring Meridiani Planum on Mars were discussed.
Participants:
* Dr. Ed Weiler, associate administrator, Office of Space Science at NASA Headquarters
* Dr. Steve Squyres, Mars Exploration Rover Principal Investigator, Cornell University, Ithaca, N.Y.
* Dr. John Grotzinger, Mars Exploration Rover science team geologist, Massachusetts Institute of Technology, Cambridge, Mass.
* Dr. Benton C. Clark III, Mars Exploration Rover science team member and chief scientist of space exploration at Lockheed Martin Space Systems Astronautics Operations, Denver
* Dr. Joy Crisp, Mars Exploration Rover Project Scientist, NASA's Jet Propulsion Laboratory, Pasadena, Calif.
* Dr. Jim Garvin, lead scientist for Mars and the Moon, NASA Headquarters, Washington
Audience: News Resource Site: NASA HQ
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/02/2004 - 1:23:00 Producer: HQ (Borst)

AVC-2004-122-1/1 **Spitzer Space Telescope Captures Reality of Life in Universe**
NASA'S Spitzer Space Telescope's infrared detectors pierce through dust and gas to reveal a striking nebula, Henize 206, which houses a nursery of infant stars that were conceived when a massive star exploded millions of years ago. Two animations.
Audience: Resource
Client: Hill
Master: DVCPro25
Audio 1: MOS 2: MOS
03/04/2004 - 0:01:38 Producer: Kline

AVC-2004-124-1/1 **Mars Exploration Rover News Briefing 3/5/04**
Intro: Natalie Godwin
Panelists: Matt Wallace, Opportunity Mission Manager; Dr. Ray

Arvidson, Deputy Principal Investigator; Stephen Gorevan, Lead Scientist for Rock Abrasion Tool; Dr. Jim Bell, Lead Scientist for PanCam; and Dr. Morten Madsen, Science Team Member.
Audience: News Resource Site: 186-Studio
Client: Media Relations
Master:
Audio 1: Mono mix 2: Mono mix
03/05/2004 - 0:59:36 Producer: Savona

AVC-2004-125-1/1 **Spirit's Trek to Bonneville**
Spirit team members Art Thompson and Diana Blaney describe the rover's journey to Bonneville Crater.
Audience: Gen. JPL Resource Site: JPL
Client: Michelle Viotti
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
03/08/2004 - 0:02:55 Producer: Scott Hulme

AVC-2004-126-1/1 **NASA Day - Office of Exploration Systems**
Adm. Craig E. Steidle, Associate Administrator for the new Office of Exploration Systems (Code T), gave NASA employees an overview of the new enterprise office.
Audience: NASA Site: NASA
Client: Blaine Baggett, Org. 1800
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/02/2004 - 2:05:00 Producer: NASA HQ

AVC-2004-127-1/1 **MER "Spirit's" First Long Drive**
Mars Exploration Rover team members try to predict and react to the Spirit Rover's first major attempt to autonomously drive for a distance of over 30 meters. Compiled from HD source material.
Audience: News Resource Site: JPL
Client: M Viotti, Org. 1861
Master: DVCProHD Submaster: DVCProHD
Audio 1: Mono mix 2: Mono mix
02/09/2004 - 0:11:28 Producer: R Passaniti

AVC-2004-128-1/1 **NASA Mars Exploration Rover Project News Briefing, 10:00am**
Intro: Veronica McGregor, Media News Chief
Panelists:
* Jennifer Trosper-Spirit Mission Manager, JPL
* Dr. Chris Leger-Rover Driver, JPL
* Dr. Matt Golombeck-Science Team Member, JPL

* Dr. Mark Lemmon-Science Team Member/Texas A&M University
* Dr. Phil Christensen-Lead Scientist, Miniature Thermal Emission Spectrometer, Arizona State University
* Dr. Michael Wolff-Science Team Member/Space Science Institute
Audience: News Resource Site: JPL TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/11/2004 - 1:05:00 Producer: Savona

AVC-2004-129-1/1 **NASA Mars Exploration Rover Project News Briefing, 10:00am**
Intro: Veronica McGregor, Media News Chief
Panelists:
* Jennifer Trosper, Spirit Mission Manager, JPL
* Dr. Chris Leger, Rover Driver, JPL
* Dr. Matt Golombeck, Science Team Member, JPL
* Dr. Mark Lemmon, Science Team Member, Texas A&M University
* Dr. Phil Christensen, Lead Scientist, Miniature Thermal Emission Spectrometer, Arizona State University
* Dr. Michael Wolff, Science Team Member, Space Science Institute
Audience: News Resource Site: JPL TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/11/2004 - 0:57:43 Producer: Savona

AVC-2004-130-1/1 **NASA Mars Exploration Rover Project News Briefing, 10:00am**
Intro: Veronica McGregor, Media Relations News Chief
Panelists:
* Dr. Mark Adler, Mission Manager, JPL
* Dr. John Grant, Science Team Member, National Air and Space Museum
* Dr. Albert Haldemann, Deputy Project Scientist, JPL
* Dr. Andrew Knoll, Science Team Member, Harvard University
* Bethany Ehlmann, Science Team Collaborator, Washington University, St. Louis
* Daniel Rodionov, Science Team Collaborator, University of Mainz, Germany
Audience: News Resource Site: JPL TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/18/2004 - 1:09:20 Producer: Savona

AVC-2004-132-1/1 **Mysterious, Faraway Solar System Discovery - Video File**
NASA announces the first discovery of a mysterious object in the most distant region of the solar system. The object, unofficially dubbed "Sedna," is three times farther from Earth than Pluto. It may be the first proof of evidence of the Oort Cloud.
Audience: News Resource
Client: Gay Hill
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/12/2004 - 0:06:50 Producer: Kline

AVC-2004-135-1/1 **MER Summer 2002 Update**
Edited feature showing Mars Exploration Rover assembly, parachute tests, backshell rocket tests, vibration tests and an interview with Project Manager Pete Theisinger.
Audience: Gen. News Resource
Client: Michelle Viotti
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
08/06/2002 - 0:04:19 Producer: Beck

AVC-2004-136-1/1 **MER Entry, Descent & Landing Testing Highlights**
Brief highlights of testing the Mars Exploration Rover Entry, Descent & Landing system hardware.
Version 1 - 00:01:20 - Parachute/Backshell/Airbags
Version 2 - 00:01:00 - Parachute/Airbags
Audience: Tech. Resource
Client: Rob Manning
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
05/20/2003 - 0:02:20 Producer: Hulme

AVC-2004-137-1/1 **Opportunity Egress Practice in ISIL**
MER Egress test in JPL's In-Situ Instrument Laboratory in preparation for actual Opportunity egress. Edited for NASA TV.
Audience: Resource Site: JPL
Client: Gay Yee Hill
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/31/2004 - 0:01:40 Producer: Passaniti

AVC-2004-140-1/1 **Dr. William H. Pickering Memorial Service**
Invocation: Rev. James A. Milley, La Canada Presbyterian Church

Vocalist: Khorshed Dastoor
Pianist: Kosta Popovic
Speakers:
The Honorable Darryl Dunn, Consul General, New Zealand;
Dr. Charles Elachi, Director, JPL;
Lt. General Charles H. Terhune, U.S.A.F (ret.), former Deputy Director, JPL;
Dr. Eberhardt Rechtin, Chief Architect, Deep Space Network, JPL;
Dr. Thomas E. Everhart, President Emeritus, California Institute of Technology
Benediction: Rev. Dr. Gloryanna Terhune
Audience: JPL Site: Beckman C.I.T.
Client: , Org. 1820
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
IN EDITING - Not Complete
03/20/2004 - 0:50:00 Producer: Bridges

AVC-2004-141-1/1 **Women's History Month - Video File**
During National Women's History month, NASA's Jet Propulsion Laboratory honors the extraordinary accomplishments of female scientists and engineers.
Audience: News Resource Site: JPL
Client: Godwin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/22/2004 - 0:16:43 Producer: Semerano

AVC-2004-142-1/1 **Venus Transit Webcast/Broadcast**
A discussion and Q&A from remote locations about the rare transit of the Sun by Venus in June 2004.
Audience: Gen. Edu.
Client: R. Jackson
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/19/2004 - 1:00:00 Producer: Kline

AVC-2004-144-1/1 **Space Science Update: Opportunity Hits the Beach**
MER Opportunity is exploring the Martian Meridiani Planum and recently discovered evidence rocks at the landing site have been altered by water.
Panelists:
* NASA Administrator Sean O'Keefe made opening remarks
* Dr. Ed Weiler-NASA's Associate Administrator, Office of Space Science

* Prof. Steve Squyres-Cornell University, Ithaca, N.Y., and MER Principal Investigator
* Prof. John Grotzinger-Massachusetts Institute of Technology, Cambridge, Mass, and a MER Co-investigator
* Dr. Dave Rubin-U.S. Gelogical Survey Sedimentologist at the Pacific Science Center in Santa Cruz, Calif.
* Dr. Jim Garvin-NASA Lead Scientist for Mars and the Moon, Office of Scpace Science, NASA Headquarters
Audience: News Site: NASA HQ
Client: Media Relations, Org. 1810
Master: BCAMsp Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/23/2004 - 1:21:00 Producer: HQ

AVC-2004-145-1/1 **Robotic Exploration of Mars**
An overview of the exploration of Mars presented by Dan McCleese. Questions from both the California State University at Sacramento and the Sacramento Valley Astronomical Society are answered live over a phone hook-up.
Audience: Gen. News Site: JPL
Client:
Master:
Audio 1: Mono mix 2: Mono mix
03/19/2004 - 0:40:00 Producer: Semerano

AVC-2004-146-1/1 **NASA Mars Exploration Rover Project - News Conference**
Moderator: Veronica McGregor, JPL Media News Chief
Panelists: Matt Wallace-Opportunity Mission Manager/JPL
Dr. Ray Arvidson-Deputy Principal Investigator/Washington University, St. Louis
Dr. Larry Crumpler-Science Team Member/New Mexico Museum of Natural History
Bethany Ehlmann-Science Team Collaborator/Washington University, St. Louis
Dr. Goestar Klingelhoefer-Lead Scientists for Moessbauer Spectrometer/University of Mainz, Germany
Audience: News Site: TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/26/2004 - 0:57:30 Producer: Savona

AVC-2004-147-1/1 **The Deep Space Network - 40 Years of Space Exploration**
A brief overview of the Deep Space Network (DSN) and possible future improvements as told through DSN members. Produced for the 40th anniversary celebration held at the

Pasadena Hilton on 3/22/04.
Audience: Gen. Edu.
Client: Shirley Wolff
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
03/26/2004 - 0:06:56 Producer: Gary Savona

AVC-2004-148-1/1 **"Ask JPL" with Candice Hansen - Web Production**
Candice Hansen answers the question, "Why is Titan's atmosphere thicker than either Earth or Mars even though it has less gravity?"
Audience: Gen. Edu. Site: JPL
Client: Susan Watanabe
Master:
Audio 1: Mono mix 2: Mono mix
03/30/2004 - 0:02:35 Producer: Semerano

AVC-2004-149-1/1 **Mars Exploration Rover Animation (HD) with Music**
Contains animation of Mars 2003 Rovers. Includes Cruise, entry, descent, and landing with parachute and airbag as well as first images and rover driving around Mars, analyzing the surface.
Music version
Audience: Gen. Resource
Client: Viotti
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
03/31/2004 - 0:07:25 Producer: Dan Maas

AVC-2004-151-1/1 **Mars Exploration Rover Animation (HD)-Sound Effects Only**
Contains animation of Mars 2003 Rovers. Includes cruise, entry, decent, and landing with parachute and airbags as well as taking first images and rover driving around Mars, analyzing the surface. Sound Effect ONLY.
Audience: Resource
Client: Viotti
Master: HDCam
Audio 1: Mono mix 2: Mono mix
03/31/2004 - 0:07:25 Producer: Dan Maas

AVC-2004-152-1/1 **NASA's Mars Exploration Rover Project News Briefing, 10am**
Intro: Natalie Godwin, Media Relations Rep.
Panelists: Chris Lewicki-Flight Director/JPL
Dr. Jim Bell-Lead Scientist, Panoramic Camera/Cornell University
Dr. Hap McSeen-Science Team Member/University of

Tennessee,Knoxville
Dr. Jeff Johnson-Science Team Member/U.S. Geological Survey, Flagstaff
Dr. Rudi Rieder-Lead Scientist, Alpha Particle X-ray Spectrometer/Max Planck Institute, Germany Dr. Steve Ruff-Science Team Collaborator/Arizona State University
Audience: News Site: TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
04/01/2004 - 0:61:00 Producer: Savona

AVC-2004-153-1/1 **"Cosmic Magnifying Glass Finds New Planet" - Video File**
NASA astronomers have used a "cosmic magnifying glass" to discover a planet orbiting a star in our Milky Way galaxy. This is the first time microlensing has confirmed the sighting of an extrasolar planet.
Audience: News Resource
Client: Platt
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/02/2004 - 0:05:03 Producer: Semerano

AVC-2004-154-1/1 **Cassini Captures Storms Merging on Saturn - Video File**
NASA's Cassini spacecraft is only three months from reaching Saturn but is already giving scientists a mouthwatering surprise by catching two storms in the act of merging. Through Cassini, about 260 scientists from 17 countries hope to gain a better understanding of Saturn.
Audience: News Resource Site: JPL
Client: NASA TV/Martinez
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
A 1:25 Web Production Follows Video File(11:18TRT)
04/06/2004 - 0:11:18 Producer: Savona

AVC-2004-155-1/1 **NASA's Mars Exploration Rover Project News Briefing, 10am**
Intro: Natalie Godwin, Media Relations Rep.
Panelists: Dr. Firouz Naderi-Manager, NASA Mars Exploration Program/JPL
Jennifer Trosper-Spirit Mission Manager/JPL
Dr. Ray Arvidson-Deputy Principal Investigator, Washington University, St. Louis
Audience: News Site: TV STUDIO
Client: Media Relations, Org. 1810
Master: DVCPro25

Audio 1: Mono mix 2: Mono mix
04/08/2004 - 0:43:00 Producer: Savona

AVC-2004-157-1/1 **Nursery of Giants Captured in New Spitzer Image - Video File**
DR21, a stormy stellar nursery draped in dust, has been exposed for the first time by NASA's Spitzer Space Telescope. By seeing in the infrared, the telescope was able to see through the dust-enshrouded core of DR21 to the massive stars that lurk behind. Stills and animation.
Audience: News Resource
Client: Clavin
Master: DVCPro25
Audio 1: MOS 2: MOS
04/08/2004 - 0:02:45 Producer: Kline

AVC-2004-159-1/1 **Cassini B-roll Reel (NTSC)**
B-roll showing various stages of Cassini's construction and testing from July 14, 1995 thru launch in October 17, 1997. Indexed in front.
Audience: Resource
Client: Martinez
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/11/2004 - 0:30:18 Producer: Semerano

AVC-2004-160-1/1 **Aura Spacecraft Shipped to Launch Site - Video File**
Aura, NASA's latest Earth Observing System spacecraft, has shipped from North Grumman's Space Park manufacturing facility in Redondo Beach, Calif., to Vandenberg Air Force Base, Calif., to begin final tests and integration with a Boeing Delta II rocket for a scheduled launch this June.
Audience: Resource Site: JPL
Client: NASA TV/Buis
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
04/12/2004 - 0:15:38 Producer: Savona

AVC-2004-163-1/1 **Mars Exploration Rover News Briefing 4-14-04**
Introduction" Veronica McGregor
Panelists: Jan Chodas/Flight Software Manager, Jason Soderblom/Science Team Collaborator, Christian Schroeder/Science Team Collaborator, Dr. Benton Clark/Science Team Member, and Deanne Rogers/Science Team Collaborator.
Audience: News Site: TV Studio
Client: Media Relations

Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
04/14/2004 - 0:38:00 Producer: Savona

AVC-2004-166-1/1 **Deep Impact Animation**
Deep Impact: Your first look inside a comet. The Story of Deep Impact.
Audience: Resource
Client: Maura Rountree
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/15/2004 - 0:09:40 Producer: Maas/Rountree

AVC-2004-169-1/1 **von Kármán L: Artificial Intelligence for Autonomous Control in Space**
Presented by Dr. Ayanna Howard. This talk gives an overview of current AI techniques and research, including fuzzy logic methods for rover navigation, neural networks to assess natural environmental characteristics, and adaptive techniques for mimicking human visual perception.
Audience: Gen. Edu. Site: von Kármán Aud.
Client: Public Services Office, Org. 1840
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
04/15/2004 - 1:02:00 Producer: Hardine

AVC-2004-170-1/1 **Mars On Earth**
Jim Garvin, Lead Scientitst for Mars Exploration, shows us some examples of Mars geology here on Earth on Surtsey Island, Iceland.
Audience: Edu. Resource
Client: M Viotti, Org. 1861
Master: DVCProHD Submaster: DVCProHD
Audio 1: Mono mix 2: Mono mix
04/19/2004 - 0:07:33 Producer: Beck

AVC-2004-172-1/1 **Mars Exploration: A Framework For The Future**
An outline for the next decade of Mars Exploration. Features interviews with Jim Garvin, Firouz Naderi, Jim Graf, Tracy Williams and Emily Eelkema.
Audience: Gen. JPL Resource Site: JPL
Client: Firouz Naderi
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
04/23/2004 - 0:06:33 Producer: Hulme

AVC-2004-173-1/1 **GENESIS Comp Reel**
1. Genesis Pre-Launch Videofile
2. Genesis Launch
3. Yuma Flight Training Air-to-Air
Audience: Resource
Client: Agle
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
04/27/2004 - 0:29:13 Producer: Kline

AVC-2004-174-1/1 **NASA Mars Exploration Rover Project News Briefing 4-28-04**
Intro: Gay Yee Hill, Media Relations Rep.
Participants:
Matt Wallace-Opportunity Mission Manager/JPL
Dr. Scott McLennan-Science Team Member/State University of New York, Stony Brook
Dr. Dave Des Marais-Science Team Member/NASA Ames Research Center
Audience: News Resource Site: TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
04/28/2004 - 0:56:00 Producer: Savona

AVC-2004-176-1/1 **Deep Space Network - Communicating Through Space**
An overview of the Deep Space Network (DSN) as told by members of the DSN. For use in the Space Flight Operations Facility visitors gallery.
Audience: Gen. Site: JPL
Client: DSN/Shirley Wolff
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
05/03/2004 - 0:03:56 Producer: Savona

AVC-2004-179-1/1 **Spitzer Shares the Wealth - Video File**
Two new images generated from data collected by the Spitzer Space Telescope: NGC 300, a face-on spiral galaxy 7.5 million light years away, and Sharpless 140, a star forming region 3000 light years from Earth.
Audience: JPL
Client: Gay Yee Hill
Master: DVCPro25
Audio 1: MOS 2: MOS
05/07/2004 - 0:01:08 Producer: Kline

AVC-2004-183-1/1 **Durable Mars Rovers Examine Craters - Video File**

NASA's Mars Exploration Rover Opportunity is examining stadium-sized "Endurance Crater" to assess research benefits of entering it vs. the possibility it might not get back out. The Rover Spirit is trekking from "Bonneville Crater" to "Columbia Hills."
Audience: News Resource
Client: Webster
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/13/2004 - 0:11:30 Producer: Kline

AVC-2004-189-1/1
VTV-1015

von Kármán Lecture: "Step by Step, Robotically at the Red Planet"
Nagin Cox, JPL Deputy Team Chief, Spacecraft Rover Engineering Team, Mars Exploration Rover Project. Scientists and engineers in NASA's Mars Program have begun to reveal the many mysteries of the red planet. She described the latest missions, highlighting the Mars Exploration Rover Project.
Audience: Gen. Site: von Kármán Aud
Client: Public Service, Org. 1840
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/20/2004 - 1:29:30 Producer: Hardine

AVC-2004-190-1/1

Spitzer Space Telescope Space Science Update - Video File
Less than a year into its mission, NASA's Spitzer S[ace Telescope has found the raw ingredients of life sprinkled in dusty discs around other stars, where new planets may form. 3 animations + artist's concept of new planet.
Audience: News Resource
Client: Gay Yee Hill
Master: DVCPro50
Audio 1: MOS 2: MOS
05/24/2004 - 0:02:44 Producer: Kline

AVC-2004-194-1/1

Cassini-Huygens Pre-Arrival at Saturn Video File
Cassini-Huygens will begin a four-year prime mission in orbit around Saturn when it arrives June 30, 2004, (July 1 Universal Time). About six months later it will release the Huygens probe for descent through the thick atmosphere of Saturn's moon Titan.
Audience: News Resource
Client: NASA TV/Martinez
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
05/28/2004 - 0:15:08 Producer: Gary Savona

AVC-2004-195-1/1 **ASK JPL with Jessica Collisson - Web Production**
Jessica Collisson answers the question, "How are the lenses on the cameras aboard the Mars Rovers kept free from dust?"
Audience: Gen. Edu. Site: JPL
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/01/2004 - 0:02:17 Producer: Semerano

AVC-2004-196-1/1 **NASA's Mars Exploration Rover Project News Briefing**
Moderator: Natalie Godwin, JPL Media Relations
Panelists:
* Joe Snyder, Software Engineer-Lockheed Martin/JPL
* Dr. James Rice, Science Team Member-Arizona State University/Tempe
* Matt Wallace, Opportunity Mission Manager/JPL
* Dr. Wendy Calvin, Science Team Member-University Nevada/Reno
Audience: News Resource Site: JPL TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/02/2004 - 0:47:30 Producer: Savona

AVC-2004-197-1/1 **Spitzer Science Update**
Planetary Construction Zones
Nancy Neal, NASA HQ
Dr. Anne Kinney, NASA HQ
Dr. Deborah Padgett, Caltech
Dr. Dan Watson, Univ. of Rochester
Dr. Ed Churchwell, Univ. of Wisconsin
Dr. Alan Boss, Carnegie Institution
Audience: News Site: NASA HQ
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/27/2004 - 0:58:00 Producer: NASA HQ

AVC-2004-198-1/1 **Cassini Saturn Orbit Insertion Preview Press Briefing**
Panelists:
Orlando Figueroa, Director, Solar System Exploration Division/NASA Headquarters;
Robert Mitchell, JPL Cassini Program Manager;
Dr. Charles Elachi, JPL Director and team leader for the Cassini Radar Instrument;

Dr. Jean-Pierre Lebreton, European Space Agency Huygens Probe Manager.
Audience: News Site: NASA HQ
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/03/2004 - 0:55:00 Producer: NASA HQ

AVC-2004-201-1/1 **Cassini Arrival Productions: Overview, S.O.I., Science & Probe**
The following 5 videos are roll-ins for the Cassini Orbit Insertion Commentary on June 30, 2004. Opening roll-in - :16
Cassini Overview - 3:00; S.O.I. - 3:23; Science - 3:00 and Huygens Probe - 2:45
Audience: JPL Resource Site: JPL
Client: NASA TV/Cassini
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/07/2004 - 0:13:01 Producer: Savona/Semerano

AVC-2004-202-1/1 **NASA Mars Exploration Rover Project News Briefing**
Intro: Veronica McGregor, Media Relations
Panelists: Dr. Firouz Naderi, Dr. Steve Squyres, Dr. Johannes Bruecker
Audience: News Resource Site: TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/08/2004 - 0:00:00 Producer: Savona

AVC-2004-203-1/1 **Mars Exploration Rover Press Briefing**
Introduction: Veronica McGregor
Panelists: Dr. Firouz Naderi/Manager, Dr. Steve Squyres/Principal Investigator, Dr. Johannes Brueckner/Sciene Team Member, Jim Erickson/Deputy Project Manager, and Randy Lindemann/Rover Mobility Engineer.
Audience: News Resource Site: 186-Studio
Client: Media Relations
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/08/2004 - 0:43:50 Producer: Savona/Hardine

AVC-2004-204-1/1 **von Kármán Lecture: "Finding Planets and Searching for Life"**
VTV-1016 Dr. Charles Beichman, Executive Director of the Caltech Michelson Science Center summarized NASA's program-Terrestrial Planet Finder, the results of recent

studies, the role of JPL scientists and engineers in developing this mission and the prospects for international collaboration.
Audience: Gen. Site: von Kármán Aud
Client: Public Services, Org. 1840
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/10/2004 - 1:15:40 Producer: Hardine

AVC-2004-205-1/1 **Phoebe Looms in View - Video File**
Phoebe, Saturn's largest outer moon, is the first target of exploration for the Saturn-bound Cassini spacecraft.
Included: 4 stills of Phoebe and interviews with Dr. Bonnie Buratti, Scientist, and Jeremy Jones, Chief Navigator, for the Cassini-Huygens mission.
Audience: News Resource
Client: Martinez
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/11/2004 - 0:05:58 Producer: Kline

AVC-2004-206-1/1 **NASA First Person -Jennifer Long - Web Production**
The work, experiences and personal observations of JPL employee Jennifer Long as told by her. Produced for the Daily Planet and the JPL home page.
Audience: Gen. Site: JPL
Client: McGahan
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/08/2004 - 0:03:00 Producer: Semerano

AVC-2004-208-1/1 **NASA Mars Exploration Rover Project News Briefing**
Intro: Natalie Godwin, Media Relations Rep.
Panelists:
Dr. Mark Adler, Mission Manager, JPL;
Dr. Larry Soderblom, Science Team Member, U.S. Geological Survey, Flagstaff, Arizona;
Dr. Scott McLennan, Science Team Member, State University of New York, Stony Brook
Audience: JPL News Site: TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/15/2004 - 0:37:30 Producer: Savona/Hardine

AVC-2004-209-1/1 **Phoebe, Saturn's Battered Moon - Video File**

The Cassini spacecraft flew by Saturn's moon Phoebe on June 11, 2004. Included in this video file are images obtained from a mere 2,068 kilometers (about 1,285 miles) above the moon's surface and interviews with Dr. Bonnie Buratti, Scientist, and Jeremy Jones, Chief Navigator.
Audience: NASA
Client: Martinez
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/15/2004 - 0:07:03 Producer: Kline

AVC-2004-210-1/1 **SRTM: A NASA Safari into Africa's Topography - Video File**
NASA and the National Geospatial-Intelligence Agency have released a new digital elevation data set of Africa, the Arabian Peninsula and the island of Madagascar, created by the Shuttle Radar Topography Mission (SRTM). Flyover of Africa is narrated with music.
Audience: Gen. News Resource Site: JPL
Client: NASA TV/Buis
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/15/2004 - 0:15:19 Producer: Gary Savona

AVC-2004-211-1/1 **Surprising Anatomy of a Comet Revealed by Stardust Mission -Video File**
On Jan. 3, 2004, NASA's Stardust spacecraft made the most detailed pictures ever taken of a comet. Animations: Jets coming from comet, Spacecraft flying through jets, Mission animation. Stills: Artist's concept of Wild 2, Image enhanced to show jets, Spires on comet's surface, Map of surface.
Audience: News Resource
Client: Agle
Master: DVCPro50
Audio 1: MOS 2: MOS
06/16/2004 - 0:04:28 Producer: Kline

AVC-2004-214-1/1 **Stardust Space Science Update**
Findings from a historic encounter between NASA's Stardust spacecraft and Comet Wild 2 have revealed a much stranger world than previously believed. The comet's rigid surface, dotted with towering pinnacles, plunging craters, steep cliffs, and dozens of jets spewing violently, has surprised scientists.
Panelist:
* Dr. Tom Morgan, Program Scientist, NASA HQ.

* Dr. Donald Brownlee, Stardust Principal Investigator, University of Washington, Seattle
* Benton Clark, chief scientist of space exploration systems, Lockheed Martin Space Systems, Denver.
* Dr. Claudia Alexander, Rosetta Program Scientist, JPL
Audience: News Resource Site: NASA HQ
Client: Jane Platt, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/17/2004 - 0:40:00 Producer: HQ

AVC-2004-216-1/1 **Cassini Science Results from Phoebe Flyby - Video File**
Scientists, reviewing data from the Cassini spacecraft's June 11, 2004, flyby of the diminutive moon, have concluded that Phoebe is likely a mixture of ice, rock and carbon containing compounds similar in material seen in Pluto and Neptune's moon Triton.
Audience: News Resource Site: JPL
Client: NASA TV/Martinez
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/22/2004 - 0:14:42 Producer: Savona

AVC-2004-217-1/1 **Cassini's Encounter with Phoebe News Briefing**
Intro: Veronica McGregor, News Chief/MRO
Panelists: Dr. Peter Thomas, Imaging Team Member, Imaging Science Subsystem, Cornell University, Ithaca, N.Y.
Dr. Bonnie Buratti, Team Member of the Visual and Infrared Mapping Spectrometer, JPL
Dr. John Pearl, Co-Investigator, Composite Infrared Spectrometer, NASA's Goddard Space Flight Center, Greenbelt, MD
Dr. Amanda Hendrix, Team member, Ultraviolet Imaging Spectrograph, JPL
Dr. Torrence Johnson, Satellite Expert and Imaging Team Member, Imaging Science Subsystem, JPL
Audience: News Resource Site: von Kármán Aud
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/23/2004 - 0:49:30 Producer: Savona

AVC-2004-218-1/1 **Cassini Saturn Orbit Insertion Compilation**
A compilation of the following for a museum DVD:
SRC-000445 Cassini Animation of SOI;
SSV Animation;

SRC-000431 Cassini Animations Compilation Reel;
AVC-1998-212 Cassini - Huygens: Mission to Saturn and Titan (Revised Version);
AVC-2004-201 Cassini Arrival Productions: Overview, S.O.I., Science & Probe
Audience: Gen. Resource
Client: Anita Sohus
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/23/2004 - 1:10:43 Producer: Hanchett

AVC-2004-219-1/1 **Roving on the Red Planet**
HUD webcast.
Moderator: Colleen Sharkey, Mars Public Engagement
Panelists: Julie Townsend, Tactical Uplink Lead, Mars Exploration Rover Mission
Kobie Boykins, Mechanical Engineer, MER
Geoff Lake, Information Systems Administrator, MER
22 students from the Los Angeles Housing & Urban Development were in the audience to ask questions.
Audience: Gen. JPL Site: JPL TV Studio
Client: Stephanie Lievense
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/24/2004 - 0:46:50 Producer: Hardine

AVC-2004-223-1/1 **NASA Mars Exploration Rover Project News Conference**
Moderator: Natalie Godwin, Media Relations Rep.
Panel:
Dr. Steve Squyres, Principal Investigator;
Dr. Doug Ming, Science Team Member/JSC;
Chris Voorhees, Mechanical Systems Engineer/JPL;
Nicholas Tosca, Science Team Affiliate/State University of New York, Stony Brook.
Audience: News Resource Site: JPL TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/25/2004 - 0:45:40 Producer: Savona

AVC-2004-226-1/1 **Cassini Pre-Arrival Press Conference**
Moderator: Natalie Godwin, Media Relations Rep.
Panel:
Robert Mitchell, Cassini Program Mgr./JPL;
Julie Webster, Spacecraft Team Chief/JPL;
Jeremy Jones, Navigation Team Chief/JPL; Jean-Pierre

Lebreton, Mission Manager and Scientist/ESA;
Dennis Matson, Cassini Project Scientist/JPL.
Audience: News Resource Site: von Kármán Aud
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/29/2004 - 1:04:30 Producer: Savona

AVC-2004-227-1/1 **Cassini Saturn Arrival - Video File**
Animations of SOI, Huygens, Phoebe Flyby, and a Phoebe Tour.
Video of Cassini's assembly and launch, still of Saturn,
Titan rotating, Sounds of Saturn's magnetosphere, interviews
w/Robert Mitchell, Cassini Program Manager, and Dr. Carolyn
Porco, Cassini Imaging Team Leader.
Audience: News Resource
Client: Martinez
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/29/2004 - 0:19:41 Producer: Kline

AVC-2004-229-1/1 **Cassini Final Status Before SOI Press Conference (9:00am)**
Moderator: Natalie Godwin, Media Relations Rep.
Panelists:
Robert Mitchell, Cassini Program Manager/JPL;
Julie Webster, Spacecraft Team Chief/JPL;
Jeremy Jones, Navigation Team Chief/JPL;
Dr. Michelle Dougherty, PI, Magnetometer/ Imperial College
of Science & Tech., London, England.
Audience: News Resource Site: von Kármán Aud.
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/30/2004 - 0:39:20 Producer: Savona

AVC-2004-231-1/1 **Cassini-Huygens International Press Conference (11:00am)**
Moderator: Natalie Godwin/Media Relations Rep. Panelist:
Dr. Charles Elachi, Director/JPL;
Dr. Ed Weiler, Associate Admin./NASA HQ;
Dr. David Southwood, Dir. of Scientific Programmes /
European Space Agency;
Dr. Simonetta DiPippo, Director of the Observation of the
Universe/ASI.
Audience: NASA Site: von Kármán Aud.
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix

06/30/2004 - 0:23:30 Producer: Savona

AVC-2004-232-1/1 **Chat-How Cassini Fits Into the Larger Space Exploration Vision**
Panelists:
Ed Weiler, Associate Administrator/NASA Headquarters;
Dr. Charles Elachi, Director/JPL;
Orlando Figueroa, Director of Solar System Exploration/NASA Headquarters;
David Southwood, Dir. of Scientific Programmes/European Space Agency;
Simonetta DiPippo, Director of the Observation of the Universe/Italian Space Agency (ASI)
Audience: News Resource Site: von Kármán Aud
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/30/2004 - 0:51:30 Producer: Savona

AVC-2004-234-1/2 **Cassini Coverage of Saturn Orbit Insertion (SOI) Commentary**
Audience: News Resource Site: S.F.O.F.
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/30/2004 - 2:07:38 Producer: Savona

AVC-2004-234-2/2 **Cassini Coverage of Saturn Orbit Insertion (SOI) Commentary**
Audience: News Site: S.F.O.F.
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/30/2004 - 1:04:33 Producer: Savona

AVC-2004-235-1/1 **Cassini Post Orbit Insertion Press Conference (10:00pm)**
Moderator: Veronica McGregor, Media Relations Rep.
Panelists:
Dr. Charles Elachi, Director/JPL;
Dr. Ed Weiler, Associate Administrator/NASA HQ;
Robert Mitchell, Cassini Program Manager/JPL;
Julie Webster, Spacecraft Team Chief/JPL;
Dr. Jeremy Jones, Navigation Team Chief
Audience: News Resource Site: von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/30/2004 - 0:30:00 Producer: Savona

AVC-2004-236-1/2 **Cassini Coverage of Images Download Commentary**
Audience: News Resource Site: JPL 230-SFOF
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/01/2004 - 1:40:00 Producer: Savona

AVC-2004-236-2/2 **Cassini Coverage of Images Download Commentary**
Audience: News Resource Site: JPL 230-SFOF
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/01/2004 - 0:05:00 Producer: Savona

AVC-2004-237-1/1 **Cassini First Pictures Commentary (8:00am)**
Commentator: Gay Yee Hill, Media Relations Rep.
Jeff Cuzzi, Ames Research Center, Sunlight Side (18 images)
7:52-8:20am
Audience: News Resource Site: JPL 230-SFOF
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/01/2004 - 0:30:00 Producer: Savona

AVC-2004-238-1/1 **Cassini First Pictures Press Conference (10:00am)**
Moderator: N. Godwin, Media Relations
Panelists:
Dr. Ed Weiler, Associate Administrator for Space Science/NASA Headquarters;
Robert Mitchell, Cassini Program Manager/JPL;
Carolyn Porco, Imaging Team Leader/Space Science Institute, Boulder, Co.;
Stamatios Krimigs, Principal Invesitagor, Magnetospheric Imaging Instrument/John Hopkins University, Laurel, MD.;
William Kurth, Deputy Principal Investigator/University of Iowa, Iowa City, Iowa
Audience: News Resource Site: von Kármán Aud.
Client: Media Relations
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/01/2004 - 1:03:00 Producer: Savona

AVC-2004-239-1/1 **Cassini Preliminary Results Press Conference**
Moderator: Veronica McGregor, JPL's News Chief
Participants:
Dr. Linda Spilker,Cassini Deputy Project Scientist/JPL;

Dr. Donald Shemansky, Cassini Co-Investigator, Ultraviolet Imaging Spectrograph/UCLA;
Dr. Roger Clark, Cassini Team Member, Visual and Infrared Mapping Spectrometer/US Geological Survey, Denver, Colorado;
Dr. Michael Flasar, Cassini Principal Investigator, Composite Infrared Spectrometer/Goddard Space Flight Center, Greenbelt, Maryland;
Dr. Carolyn Porco, Cassini Imaging Team Leader/Space Science Institute, Boulder, Colorado.
Audience: News Resource Site: von Kármán Aud
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/02/2004 - 0:57:45 Producer: Hardine

AVC-2004-240-1/1 **Cassini Titan Flyby Results Press Briefing (10:00am)**
Moderator: Natalie Godwin, Media Relations Rep.
Panelists:
Dr. Elizabeth Turtle, Imaging Scientist /U. of AZ; Dr. Kevin Baines, Team Member/JPL;
Dr. Stamatios Krimigis, PI Magnetospheric Imaging Instrument/John Hopkins U.;
Dr. Donald Gurnett, PI Radio and Plasma Wage Science, U. of Iowa.
Audience: News Resource Site: von Kármán Aud.
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/03/2004 - 0:45:00 Producer: Semerano

AVC-2004-245-1/1 **From the Archives: Explorer 1, Mariner 4, Ranger 4**
Explorer 1 - America's First Satellite (1:55)
Mariner 4 (2:24)
Ranger Impacts the Moon (2:21)
NOTE: Made for Web use. "Ranger" never used.
Audience: Resource
Client: S. Watanabe
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
07/09/2004 - 0:06:58 Producer: Kline

AVC-2004-247-1/1 **Aura Pre-launch Press Conference & Aura Mission Science Briefing**
Aura Pre-launch Press Conference
Participants:
- Bruce Buckingham, NASA Launch Commentator
- Dr. Phil DeCola, Aura program scientist, NASA

Headquarters, Washington, D.C.
- Chuck Dovale, NASA launch director, Kennedy Space Center, Fla.
- Kris Walsh, Boeing director for NASA programs, Boeing Expendable Launch Systems, Huntington Beach, Calif.
- Michael Tanner, Aura program executive, NASA Goddard Space Flight Center, Greenbelt, Md.
- Captain Paul Lucyk, United States Air Force launch weather officer, 30th Weather Squadron, Vandenberg Air Force Base, Calif.
Aura Mission Science Briefing. Discussing the Aura goals and objectives (12:45):
- Dr. Mark Schoeberl, Aura project scientist, NASA Goddard Space Flight Center, Greenbelt, Md.
Audience: News Resource Site: Vandenberg AFB
Client: Aura/Media Relations
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/09/2004 - 0:52:00 Producer: NASA

AVC-2004-249-1/1 **von Kármán Lecture Series: The Rings of Saturn**
Cassini-Huygens Mission arrives at Saturn.
Dr. Linda Spilker, JPL Cassini Deputy Project Scientist discusses why are the rings there at all? How did they form? So far, we only have bits and pieces of answers. The Cassini mission to Saturn will help answer many of these questions.
Audience: Edu. JPL Site: von Kármán Aud
Client: PSO, Org. 1840
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/15/2004 - 1:19:37 Producer: Hardine

AVC-2004-250-1/1 **NASA Mars Exploration Rover Project News Briefing**
Moderator: Natalie Godwin, Media Relations Rep.
Panelists:
Jim Erickson, JPL Project Manager for the Mars Exploration Rover Mission;
Joe Melko, Rover Engineer/JPL;
Dr. Jutta Zipfel, Rover Science-Team Member from Max Planck Institute for Chemistry, Main, Germany;
Dr. Jack Farmer, Arizona State University;
Dr. Matt Golombek, Rover Science-Team Member/JPL.
Audience: News Resource Site: JPL TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix

07/16/2004 - 0:40:00 Producer: Hardine

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