

KENNEDY SPACE CENTER SPACE SHUTTLE STATUS REPORT  
MONDAY, FEBRUARY 6, 1995 (12:21 PM EST)

MISSION: [STS-63](#) -- MIR RENDEZVOUS, SPARTAN and  
SPACEHAB-3  
FLIGHT DAY 4

VEHICLE: Discovery/OV-103  
LOCATION: en orbit  
LAUNCH DATE and TIME: Feb. 3, 1995 at 12:22:04 a.m. EST  
KSC LANDING DATE/APPROX. TIME: Feb. 11 at 5:49 a.m.  
MISSION DURATION: 8 days, 5 hours, 27 minutes  
ORBITAL ALTITUDE and INCLINATION: 196-245 statute miles/51.60 degrees

NOTE: The solid rocket booster retrieval ships reached the spent boosters shortly after splashdown Friday morning but due to seas 10-12 feet and winds up to 30 knots, recovery operations were delayed until Sunday. Winds on Sunday increased up to 50 knots and hampered recovery and tow operations. Due to the severe conditions, some damage occurred to both boosters' forward skirts. Also, the left hand frustum and parts of the left hand forward skirt were lost during recovery operations. The recovery ships with the boosters in tow are scheduled to arrive at Port Canaveral early this afternoon. Marshall engineers will assess damages when the boosters are on dock at hangar AF.

(Mission STS-63 status reports are issued daily by the Johnson Space Center, Houston, Tx.)

CREW: Commander James Wetherbee; Pilot Eileen Collins; and Mission Specialists Bernard Harris, Michael Foale, Janice Voss and Vladimir Titov

MISSION: [STS-67](#) -- ASTRO-2

VEHICLE: Endeavour/OV-105  
LOCATION: Vehicle Assembly Building  
TARGET LAUNCH DATE: March 2  
APPROX. LAUNCH TIME: 1:37 a.m.  
LAUNCH WINDOW: 2 hours, 30 minutes  
TARGET KSC LANDING DATE/TIME: March 18 at 3:09 p.m.  
MISSION DURATION: 15 days, 13 hours  
CREW SIZE: 7  
ORBITAL ALTITUDE and INCLINATION: 218 statute miles/28.45 degrees

NOTE: The orbiter Endeavour was mated to the external tank Friday and the Shuttle interface test in now in work in Vehicle Assembly Building high bay 3. During power up testing, it was discovered that thruster R3A was leaking. The oxidizer manifold was deselected and the thruster capped. The system will be repressurized to 65 psi today.

KEY OPERATIONAL MILESTONES (dates are targeted only):  
Rollout to pad 39A (First motion set for about 8 a.m. Feb. 8)  
Hot fire auxiliary power unit no. 1 (Feb. 9)  
Terminal Countdown Demonstration Test (Feb. 14-15)  
Close payload bay doors for flight (Feb. 24)  
Launch (March 2)

MISSION: [STS-71](#) -- 1st MIR DOCKING

VEHICLE: Atlantis/OV-104  
LOCATION: OPF bay 3  
TARGET LAUNCH PERIOD: May/June  
APPROX. LAUNCH TIME: early morning  
LAUNCH WINDOW: 5 minutes  
KSC LANDING DATE/TIME: TBD  
MISSION DURATION: 9 days, 20 hours  
CREW SIZE: 7 up, 8 down  
ORBITAL ALTITUDE and INCLINATION: 196-245 statute miles/51.60 degrees

NOTE: Both Freon coolant loops on Atlantis are being deserviced in order to change-out a Freon/water interchanger. A slight bulge or blister was discovered on the interchanger's face plate when technicians were preparing to close-out the bay 1 area. Potential impacts to Atlantis' OPF schedule are being assessed.

IN WORK TODAY:  
Deservice Freon coolant loops  
Auxiliary power unit service and check-outs  
Main propulsion system leak and functional checks

WORK COMPLETED:  
Orbital maneuvering system functional tests  
Install auxiliary power units

WORK SCHEDULED:  
External tank door functional checks