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KENNEDY SPACE CENTER [SPACE SHUTTLE](#) STATUS REPORT
FRIDAY, FEBRUARY 16, 1996 (3:13 PM EST)

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MISSION: [STS-75](#) -- TETHERED SATELLITE-1R & USMP-3

VEHICLE: [Columbia/OV-102](#)
LOCATION: [Pad 39B](#)
TARGET LAUNCH DATE/TIME: Feb. 22 at 3:18 p.m.
LAUNCH WINDOW: 2 hours, 30 minutes
TARGET [KSC LANDING](#) DATE/TIME: March 7 at about 7:32 a.m.
MISSION DURATION: 13 days, 16 hours
CREW SIZE: 7
ORBITAL ALTITUDE and INCLINATION: 184 statute miles/28.45 degrees

NOTE: During installation of the Tethered Satellite System batteries, a problem with the installation process was detected and the last of four batteries was unable to be fully installed. The problem is being corrected today and the battery will be installed tonight. This extra work will cause a delay in closing the payload bay doors, now rescheduled for early Monday morning. No impact to the launch is expected.

The [crew](#) for mission STS-75 are: Commander Andy Allen; Pilot Scott Horowitz; Mission Specialists Jeff Hoffman, Maurizio Cheli, Claude Nicollier, and Franklin Chang-Diaz; and Payload Specialist Umberto Guidoni.

IN WORK TODAY:
* Aft engine compartment close-outs
* Payload bay close-outs
* [Countdown](#) preparations

KEY STS-75 OPERATIONAL MILESTONES:
* Complete aft engine compartment close-outs (Saturday)
* Close payload bay doors for flight (Monday)
* Crew arrival at KSC (3:30 p.m. on Monday, Feb. 19)
* Begin launch countdown (4 p.m. Feb. 19)

MISSION: STS-76 -- 3rd MIR DOCKING

VEHICLE: [Atlantis/OV-104](#)
LOCATION: [Orbiter Processing Facility](#) Bay 1
TARGET LAUNCH DATE/TIME: March 21 at about 3:35 a.m.
LAUNCH WINDOW: about 6 minutes
TARGET [KSC LANDING](#) DATE/TIME: March 30 at about 8:05 a.m.
MISSION DURATION: 9 days, 4 hours
CREW SIZE: 6 up -- 5 down
ORBITAL ALTITUDE and INCLINATION: 184 statute miles/51.6 degrees

NOTE: Close-outs of the payload bay and aft engine compartment are complete. The payload bay doors were closed for flight last night. The orbiter remains on schedule to be moved to the Vehicle Assembly Building at midnight Monday night.

KEY STS-76 OPERATIONAL MILESTONES (dates are target only):
* Roll over to the Vehicle Assembly Building and mate with [external tank](#) (Feb. 20)
* Roll out to [Pad 39B](#) (Feb. 28)

MISSION: STS-77 -- SPACEHAB-4 & SPARTAN 207

VEHICLE: [Endeavour/OV-105](#)
LOCATION: [Orbiter Processing Facility](#) Bay 3
TARGET LAUNCH DATE/TIME: May 16 at 6:32 a.m.
TARGET [KSC LANDING](#) DATE/TIME: May 26 at 6:49 a.m.
MISSION DURATION: 10 days
CREW SIZE: 6
ORBITAL ALTITUDE and INCLINATION: 176 statute miles/39 degrees

NOTE: The radiator mechanical functional check on the payload bay doors is complete. A system test of the power reactant storage and distribution system is in work today. Hydraulic flight control tests will be conducted today. [Solid rocket booster](#) stacking operations are underway in the Vehicle Assembly Building.

KEY STS-77 OPERATIONAL MILESTONES (dates are target only):
* Install [drag chute](#) (Feb. 20)
* Install Space Shuttle [main engines](#) (March 1)