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KENNEDY SPACE CENTER SPACE SHUTTLE STATUS REPORT
MONDAY, JUNE 19, 1995 (3:35 PM EDT)

MISSION: STS-71 -- 1st MIR DOCKING

VEHICLE: Atlantis/OV-104
LOCATION: Launch Pad 39-A
TARGET LAUNCH DATE: June 23
APPROX. LAUNCH TIME: 5:08.37 p.m. EDT
LAUNCH WINDOW: 7 minutes
TARGET KSC LANDING DATE/TIME: July 4 at 12 noon
MISSION DURATION: 10 days, 18 hours, 52 minutes
CREW SIZE: 7 up, 8 down
ORBITAL ALTITUDE and INCLINATION: 196-245 statute miles/51.60 degrees

NOTE: Mission managers selected Friday, June 23, as the official launch date for Atlantis on mission STS-71. The countdown for launch will begin at 9:30 a.m. Tuesday for a 7 minute launch window opening at 5:08.37 p.m. on June 23. Docking with Russia's Mir space station will occur on Monday, June 26, at about 10:30 a.m. and landing will be at about 12 noon July 4.

IN WORK TODAY:
* Countdown preparations
* Potable water sampling

WORK COMPLETED:
* Aft engine compartment close-outs

KEY OPERATIONAL MILESTONES:
* Begin countdown at T-43 hours (9:30 a.m. Tuesday)
* Crew arrival (4:30 p.m. Tuesday)
* Move rotating service structure to launch position (about 8:30 p.m. Thursday)
* External tank loading operations (about 7:45 a.m. Friday)

MISSION: STS-70 -- TDRS-G

VEHICLE: Discovery/OV-103
LOCATION: Pad 39-B
LAUNCH DATE/TIME: July 13 at 9:41 a.m.
LAUNCH WINDOW: 2 hours, 30 minutes
KSC LANDING DATE/TIME: July 21 at 7:51 a.m.
MISSION DURATION: 7 days, 22 hours
CREW SIZE: 5
ORBITAL ALTITUDE and INCLINATION: 184 statute miles/28.45 degrees

IN WORK TODAY:
* TDRS interface verification testing

WORK COMPLETED:
* Pad validations
* Install TDRS satellite into orbiter
* Orbiter mid-body umbilical unit mate and leak checks

KEY OPERATIONAL MILESTONES (dates are target only):
* Space Shuttle main engine flight readiness test (June 26)

MISSION: STS-69 -- WSF-2 & SPARTAN 201-03

VEHICLE: Endeavour/OV-105
LOCATION: Orbiter Processing Facility bay 1
TARGET LAUNCH DATE/TIME: July 30 at 10:40 a.m.
LAUNCH WINDOW: 2 hours, 30 minutes
TARGET KSC LANDING DATE/TIME: August 10 at 7:10 a.m.
MISSION DURATION: 10 days, 20 hours
CREW SIZE: 5
ORBITAL ALTITUDE and INCLINATION: 230 statute miles/28.45 degrees

NOTE: Close-outs of the orbiter's mid-body and aft engine compartment continue today. The payload bay doors will be closed today.

KEY OPERATIONAL MILESTONES (dates are target only):
* Roll orbiter to Vehicle Assembly Building (June 26)

MISSION: STS-73 -- U.S. MICROGRAVITY LABORATORY-2

VEHICLE: Columbia/OV-102
LOCATION: Orbiter Processing Facility bay 3
TARGET LAUNCH DATE/TIME: Sept. 21 at 10:37 a.m.
LAUNCH WINDOW: 2 hours, 30 minutes
TARGET KSC LANDING DATE/TIME: Oct. 7 at 8:31 a.m.
MISSION DURATION: 16 days
CREW SIZE: 7
ORBITAL ALTITUDE and INCLINATION: 172 statute miles/39 degrees

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