KENNEDY SPACE CENTER SPACE SHUTTLE STATUS REPORT
FRIDAY, JULY 14, 1995 (3:57 PM EDT)

MISSION: STS-70 -- TDRS-G
Flight Day 2

VEHICLE: Discovery/OV-103
LOCATION: Orbit
LAUNCH DATE/TIME: July 13 at 9:41.55 a.m. EDT
KSC LANDING DATE/TIME: July 21 at 7:52 a.m.
MISSION DURATION: 7 days, 22 hours
ORBITAL ALTITUDE and INCLINATION: 184 statute miles/28.45 degrees

Following yesterday's launch, the TDRS payload was successfully deployed. The Inertial Upper Stage fired its motors twice and placed the TDRS into its proper geostationary orbit, 22,000 miles above the Pacific Ocean. Discovery is scheduled to land at KSC's Shuttle Landing Facility at 7:52 a.m. July 21.

The solid rocket boosters were delivered to Hangar AF this morning. Disassembly will begin on Monday.

The crew for mission STS-70 are: Commander Tom Henricks, Pilot Kevin Kregel, and Mission Specialists Donald Thomas, Nancy Currie and Mary Ellen Weber.

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

VEHICLE: Endeavour/OV-105
LOCATION: Pad 39-A
TARGET LAUNCH DATE/TIME: August 3 at 10:43 a.m. (no earlier than)
LAUNCH WINDOW: 2 hours, 30 minutes
TARGET KSC LANDING DATE/TIME: August 14 at 7:13 a.m.
MISSION DURATION: 10 days, 20 hours
CREW SIZE: 5
ORBITAL ALTITUDE and INCLINATION: 230 statute miles/28.45 degrees

IN WORK TODAY:
* Helium signature test

KEY OPERATIONAL MILESTONES (dates are target only):
* Load hypergolic reactants (Monday)
* Crew arrival for terminal countdown demonstration test (4:30 p.m. Monday)
* Flight readiness review (Tuesday)
* Terminal countdown demonstration test (Wednesday-Thursday)

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

IN WORK TODAY:
* Install main engines
* Payload interface verification test
* Install and leak check tunnel adapter

KEY OPERATIONAL MILESTONES (dates are target only):
* Install right hand orbital maneuvering system pod (July 15-16)
* Install auxiliary power units (July 22)
* Crew equipment interface test (July 29)

MISSION: STS-74 -- 2nd MIR DOCKING (Docking Module)

VEHICLE: Atlantis/OV-104
LOCATION: Orbiter Processing Facility bay 2
TARGET LAUNCH DATE/TIME: Oct. 26 at 2:56 p.m.
LAUNCH WINDOW: 5-7 minutes
TARGET KSC LANDING DATE/TIME: Nov. 3 at 10:49 a.m.
MISSION DURATION: 8 days
CREW SIZE: 5
ORBITAL ALTITUDE and INCLINATION: 196-245 statute miles/51.6 degrees

NOTE: The orbiter docking device was removed from the payload bay and moved to the Vehicle Assembly Building last night. The spacelab will be removed tomorrow. Preparations are in work today to remove the main engines the week after next.

KEY OPERATIONAL MILESTONES (dates are target only):
* Complete off-load of residual hypergolic reactants (July 18)
* Remove main engines (July 24-25)