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KENNEDY SPACE CENTER SPACE SHUTTLE STATUS REPORT
WEDNESDAY, OCTOBER 12, 1994 (1:33 PM EDT)

MISSION: STS-68 -- SPACE RADAR LABORATORY-2

VEHICLE: Endeavour/OV-105
LOCATION: Edwards Air Force Base, Calif.
KSC LAUNCH DATE and TIME: Sept. 30, 1994 at 7:16 a.m. EDT
EDWARDS LANDING DATE and TIME: Oct. 11 at 1:02 p.m. EDT
MISSION ELAPSED TIME (MET): 11 days/5 hours/47 minutes/8 seconds

Following Endeavour's landing yesterday at Edwards Air Force Base, Calif., the orbiter was towed to the mate-demate device where vehicle securing and safing operations began and continue today. No significant damage occurred to the vehicle's fragile thermal protection system during entry or landing operations. Engineers today are mapping the areas on the orbiter for specific tile damage. Also, preparations are now in work to ready the vehicle for its ferry flight return to Kennedy Space Center. Managers have scheduled the flight back to KSC to begin on Tuesday, Oct. 18.

MISSION: STS-66 -- ATLAS-3/CRISTA-SPAS

VEHICLE: Atlantis/OV-104
ORBITAL ALTITUDE: 189 sm
LOCATION: Pad 39B
INCLINATION: 57 degrees
TARGET LAUNCH DATE: Nov. 3
CREW SIZE: 6
LAUNCH TIME: 11:56 a.m. EST
LAUNCH WINDOW: 1 hour/2 minutes
TARGET KSC LANDING DATE/TIME: Nov. 14/7:42 a.m.
MISSION DURATION: 10 days/20 hours

IN WORK TODAY:
- Pad validations
- Main engine leak checks
- Preparations to load hypergolic fuels

WORK SCHEDULED:
- Main engine flight readiness test
- Crew emergency egress training
- T-0 for Terminal Countdown Demonstration Test (Friday)

WORK COMPLETED:
- Install payload
- Crew arrival for Terminal Countdown Demonstration Test
- Rotate service structure around vehicle
- Open payload bay doors
- Main engine securing

MISSION: STS-63 -- MIR RENDEZVOUS, SPARTAN and SPACEHAB-3

VEHICLE: Discovery/OV-103
ORBITAL ALTITUDE: 196 sm
LOCATION: OPF bay 2
INCLINATION: 51.60 degrees
TARGET LAUNCH PERIOD: early February
CREW SIZE: 6
APPROX. LAUNCH TIME: very early morning KSC
LANDING DATE/TIME: TBD
LAUNCH WINDOW: 5 minutes
MISSION DURATION: 8 days/4 hours

IN WORK TODAY:
- Main engine removal preparations
- Remove main engine heatshields
- Forward reaction control system functional checks
- Remove LITE and Spartan 201 payloads

WORK SCHEDULED:
- TACAN activation and test
- Auxiliary power unit leak and functional tests
- Remove space shuttle main engines

WORK COMPLETED:
- Preparations to remove LITE and Spartan 201 payloads
- Structural checks and tests
- Tire and wheel assembly removal
- Open payload bay doors
- Flight control frequency response test
- Deploy Ku-band antenna

MISSION: STS-73 -- UNITED STATES MICROGRAVITY LABORATORY-2

VEHICLE: Columbia/OV-102
LOCATION: Palmdale, Calif.

NOTE: Columbia, riding atop the 747 Shuttle Carrier Aircraft, arrived at Palmdale, Calif., yesterday at about 3:15 p.m. EDT. It will be demated from the 747 today and turned over to Rockwell contractors tomorrow for the scheduled six-month orbiter maintenance down period. Columbia is currently scheduled to return to Kennedy Space Center in early April 1995. Once back at KSC processing will begin for mission STS-73 scheduled for launch in late summer 1995.

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