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SPACE SHUTTLE STATUS REPORT
Wednesday, November 9, 1994

Mission number: [STS-63](#)

Vehicle: OV-103/Discovery
Location: OPF Bay 2
Orbital altitude: 196 sm
Primary payload: Spacehab-3
Inclination: 51.6 degrees
Launch date: Feb. 2 12:40 a.m.
Landing: Feb. 10 4:55 a.m.
Mission duration: 8 days, 4 hrs.
Crew Size: 6

STS-63 IN WORK:

preparations for functional test of brakes
preparations to install Spacehab tunnel adapter
configuration of payload bay for Spacehab
thermal protection tile waterproofing
orbiter Crew Equipment Interace Test (partial)

STS-63 WORK SCHEDULED:

brake anit-skid test (Thursday)
water spray boiler servicing (Thursday)
landing gear functional test (Friday)
testing of microwave scanning beam landing system (next week)

STS-63 WORK COMPLETED:

Spacehab Crew Equipment Interface Test
mating of external tank to solid rocket boosters
water spray boiler torque test
main propulsion system LH2 leak and functional testing

STS-63 WORK COMPLETED continued

functional test of airlock crew hatch
deployment test of air data probe
functional test of nose landing gear

ENDEAVOUR ([STS-67](#)) Astro-2

The extended duration orbiter pallet is being prepared for installation. Functional testing of the right and left orbital maneuvering system pods is underway today. The forward reaction control system has been installed and checked out. The aft reaction control system has been installed and checkout is underway. Work to remove and replace the mid-body electrical power distribution system has been completed and the orbiter was powered on this morning. Work to remove and replace the No. 2 fuel cell has been completed and checkout is in work. Leakage has been observed on the No. 3 fuel cell and troubleshooting is underway. Removal and replacement is probable. In the Vehicle Assembly Building, solid rocket booster stacking for STS-67 has begun.

[STS-66](#) Atlantis preliminary landing times at KSC:

Monday, November 14
7:43 a.m. EST
9:17 a.m. EST

Tuesday, November 15
7:52 a.m. EST
3:49 p.m. EST

KSC 24-Hour Weather Summary

Today's minimum temperature: 66 degrees
Yesterday's maximum temperature: 85 degrees
Lowest relative humidity: 65 percent
Peak wind speed: SSE-18 mph
Precipitation as of 7 a.m.: 0
Total November precipitation: 0

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