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KENNEDY SPACE CENTER [SPACE SHUTTLE](#) STATUS REPORT  
Monday, February 12, 1996

George H. Diller

Vehicle: [OV-102/Columbia](#)  
Mission number: [STS-75](#)  
Location: [Pad 39-B](#)  
Primary payload: Tethered Satellite-1R/USMP-3  
Astronauts: 7  
Orbital altitude: 184 statute miles  
Inclination: 28.45 degrees  
Mission Duration: 13 days, 16 hours, 14 minutes  
Launch date: Feb. 22 3:18 p.m. EST  
[Landing](#) date: Mar. 7 7:32 a.m. EST

STS-75 IN WORK TODAY:

- troubleshooting orbiter crew hatch microswitch system
- re-opening of payload bay doors for payload closeouts
- preparations for installation of contingency EVA spacesuits
- aft main engine compartment closeouts

STS-75 WORK SCHEDULED:

- installation of contingency EVA spacesuits
- ordnance installation
- top-off of Tethered Satellite System cooling system consumables
- TSS/USMP payload closeouts
- payload bay door closure
- begin launch [countdown](#) Feb. 19

STS-75 WORK COMPLETED:

- loading of storable [hypergolic propellants](#)

STS-76/[OV-104](#) - [Atlantis](#)  
[OPE](#) Bay 1  
(MIR-3)

Testing of the flight controls was performed over the weekend and is successfully complete to date. Testing is scheduled to resume and be finished on Tuesday. Functional tests of the inertial measurement units are being performed today and mid-body closeouts are in work. The payload bay doors will be closed on Wednesday or Thursday. Rollover to the VAB is anticipated to occur late Monday night.

STS-77/[OV-105](#) - [Endeavour](#)  
[OPE](#) Bay 3  
(Spacehab 4/Spartan 207)

Removal of the [main engines](#) is underway. The payload bay is being reconfigured for Spacehab and Spartan. Fuel cell testing is being performed today. A suspect flash evaporator cooling system water valve has been removed and replaced and the system is being reserviced with water today. A routine payload bay door radiator system functional test is planned for Tuesday. Orbital Maneuvering System pod functional tests and fuel cell electrical tests are complete.

KSC 24-Hour Weather Summary  
[Shuttle Landing Facility](#)-7:00 a.m.

Today's minimum temperature: 51 degrees  
Yesterday's maximum temperature: 76 degrees  
Lowest relative humidity: 50 percent  
Peak wind speed/direction: 31 mph/W  
Precipitation: 0  
Total monthly precipitation: 1.15 inches  
Barometric pressure: 30.08