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SPACE SHUTTLE STATUS REPORT
Tuesday, Jan. 23, 1996 (11:30 a.m. EST)

Vehicle: [OV-102](#)/Space Shuttle [Columbia](#)
Mission: STS-75 -- Tethered Satellite-1R & USMP-3
Current Location: [Orbiter Processing Facility](#) Bay 2
Target Launch Date: Feb. 22 at 3:18 p.m. EST
[KSC Landing](#) Date: March 7 at 7:38 a.m.
Launch Window: 2 hours, 30 minutes
Mission Duration: 13 days, 16 hours, 14 minutes
Crew Size: 7
Orbital Altitude and Inclination: 184 statute miles/28.45 degrees

STS-75 [crew](#) are: Commander Andrew Allen; Pilot Scott Horowitz;
Payload Commander Franklin Chang-Diaz; Mission Specialists Jeffrey Hoffman, Claude Nicollier (ESA), Maurizio Cheli (ESA); and Payload Specialist Umberto Guidoni (Italy).

STS-75 Operational Milestones (target dates only):
-Roll over to [Vehicle Assembly Building](#) (late Jan. 23)
-Mate orbiter to [external tank](#) (Jan. 24)
-Vertical payload transported to [Pad 39B](#) (Jan. 25)
-Roll out to pad 39B (Jan. 29)
-Terminal Countdown Demonstration Test (Feb. 1-2)
-Flight Readiness Review (Feb. 9)

Vehicle: [OV-104](#)/ Space Shuttle [Atlantis](#)
Mission: STS-76 -- 3rd MIR Docking
Current Location: [Orbiter Processing Facility](#) Bay 1
Target Launch Date: Mar. 21 at 3:34 a.m.
[KSC Landing](#) Date: Mar. 30 at 7:39 a.m.
Launch Window: about 6 minutes
Mission Duration: 9 days
Crew Size: 6 up and 5 down
Orbital Altitude and Inclination: 196-245 miles/51.6 degrees

In Work:
-Installing Tunnel Adapter today
-Midbody closeout today
-[Main Engine](#) installation (Jan. 24)
-Orbiter Docking System installation (Jan. 24)
-[SRB](#) stacking complete (Jan. 27)

Vehicle: [OV-105](#)/Space Shuttle [Endeavour](#)
Mission: STS-77 -- SPACEHAB-4; Spartan 207; TEAMS
Current Location: [Orbiter Processing Facility](#) bay 3
Target Launch Date: May 16, 6:32 a.m. EDT
[KSC Landing](#): May 26, 8:42 a.m.
Launch Window: 2 hours, 30 minutes
Mission Duration: 10 days
Crew Size: 6
Orbital Altitude and Inclination: 176 statute miles/ 39 degrees

STS-77 [Crew](#) are: Commander John Casper; Pilot Curtis Brown; Mission Specialists Daniel Bursch, Mario Runco, Marc Garneau (CSA) and Andrew Thomas

In Work:
-Reviewing thrusters that failed in mission [STS-72](#)
-Looking into left payload bay door that closed slower than right on STS-72
-Flash Evaporator System troubleshooting begins (Jan. 24)