



Discovery STS-131

THE CREW:

STS-131 mission crew members, seated from left are, Pilot James P. Dutton Jr. and Commander Alan Poindexter. Standing from left are, Mission Specialists Rick Mastracchio, Stephanie Wilson, Dorothy Metcalf-Lindenburger, Japan Aerospace Exploration Agency astronaut Naoko Yamazaki, and Clayton Anderson.

THE MISSION:

Space shuttle Discovery will carry the multi-purpose logistics module Leonardo and an ammonia tank assembly to the International Space Station. During the 13-day flight, mission specialists will perform three spacewalks to switch out a rate gyro assembly on the station's S0 truss, replace an ammonia tank assembly and retrieve a Japanese experiment from the station's exterior. Crew members also will transfer science, supply and utilization racks from Leonardo to the station and retrieve used supplies and equipment for return to Earth.

STS-131 is Discovery's 38th flight, the 131st shuttle mission and the 33rd shuttle flight to the space station.