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SPACE SHUTTLE (STS-128 / DISCOVERY)

Space Shuttle Discovery on Mission STS-128 will carry the Leonardo Multi-Purpose Logistics Module, a pressurized "moving van" that will be temporarily installed to the International Space Station (ISS). The cargo module will deliver science and storage racks, a freezer to store research samples, a new sleeping compartment, and the COLBERT exercise treadmill device. The planned 13-day mission, also designated as ISS Flight 17A, will include 3 spacewalks to replace experiments outside the attached station's Columbus laboratory, and install a new ammonia storage tank and return the used one. Discovery will also deliver a new station crew member and bring back another one from the orbiting outpost.

THE STS-128 CREW — A veteran astronaut commander, **Frederick W. "Rick" Sturckow**, will lead the STS-128 crew. He has logged 904 hours in space on 3 shuttle flights since becoming an astronaut in 1995. First-time space flier **Kevin A. Ford**, an astronaut since 2000, will be the shuttle pilot and will undock Discovery from the station at the end of the mission. The STS-128 mission specialists are: A veteran of 2 spaceflights, **Patrick G. Forrester** — an astronaut since 1996 — has logged 621 hours in space with 4 spacewalks totalling over 25 hours. A member of the astronaut class of 2004, **Jose M. Hernandez**, will be making his first space trip aboard Discovery. Spacewalker **John "Danny" Olivas**, a veteran of one shuttle flight and 2 spacewalks, has been with the astronaut corps since 1998. One-time shuttle veteran **Christer Fuglesang** of the European Space Agency is part of the spacewalk team. He joined the European astronaut program in 1992 and has logged 308 hours in space, including 3 spacewalks totalling 18 hours. The mission will deliver **Nicole P. Stott**, an astronaut since 2000, to the ISS as a flight engineer and science officer. Returning from the station with Discovery's crew will be Timothy L. Kopra after a 2-month stay aboard the space station.

THE STS-128 CREW INSIGNIA — The STS-128 patch represents the hardware, people and partner nations that contribute to the flight. Shuttle Discovery is shown in the orbit configuration with the Leonardo logistics module in the payload bay. The earth and ISS wrap around the astronaut office symbol, reminding us of the continuous human presence in space. The banner with the astronaut names in an unfurled manner also contains the U.S. and Swedish flags representing the countries of the STS-128 crew.