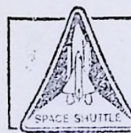


SPACE SHUTTLE
STS-100/ENDEAVOUR



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NASA



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SPACE SHUTTLE (STS-100/ENDEAVOUR)

As the International Space Station (ISS) orbits above Earth, countless payloads are being prepared to ride aboard the Shuttle. STS-100, the 104th Space Shuttle mission and the 9th ISS flight (6A), will add two more amazing elements to this construction marvel. The Raffaello Multi-Purpose Logistics Module (MPLM) will fly first aboard Endeavour and will be brought back to Earth for use on future missions. Built by the Italian Space Agency, MPLM is the second of three such pressurized modules that will serve as "moving vans," carrying laboratory racks filled with equipment, experiments and supplies to and from the Station. The Space Station Remote Manipulator System (SSRMS) will be carried up to the ISS in the Shuttle's payload bay and be installed during two planned spacewalks. SSRMS is a bigger, better and smarter version of the Shuttle's robotic arm. The Canadian-built SSRMS will play a key role in future Station assembly and maintenance.

THE STS-100 CREW – The seven-member crew will be commanded by **Kent V. Rominger**, an astronaut for nine years, is a veteran of four previous spaceflights after logging more than 1320 hours in space. Second-time space flier **Jeffrey S. Ashby**, a former test pilot, will be the Shuttle pilot. He was selected for astronaut training by NASA in 1995. The mission specialist are; **Chris A. Hadfield**, the only Canadian to ever visit the Russian Space Station Mir, will be making his second Shuttle flight and first to the ISS. **John L. Phillips**, first chosen for the astronaut corps in 1996, will be making his first Shuttle flight. Three-time space veteran **Scott E. Parazynski** has logged more than 734 hours in space, including more than five hours of time completing spacewalks. Italian astronaut **Umberto Guidoni** of the European Space Agency will be on his second spaceflight. Russian cosmonaut **Yuri Lonchakov** will be making his initial spaceflight aboard STS-100/Endeavour since becoming a test-cosmonaut in 1997.

THE STS-100 CREW INSIGNIA – The STS-100/6A emblem reflects the complex interaction of robots and spacewalk activities during the 11-day mission. An astronaut-spacewalking helmet frames the patch, with the SSRMS shown below the visor. Reflected in the visor is the Shuttle Endeavour, with the ISS rising above the horizon at orbital sunrise. American, Russian, Canadian and Italian astronauts compose the crew, and their flags are stylized in the lower portion of the emblem. Ten stars adorn the sky, representing the children of the STS-100 crew and the future of space exploration.