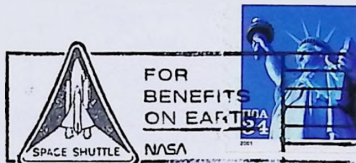
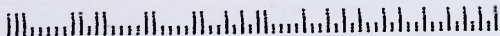


SPACE SHUTTLE
STS-105/DISCOVERY



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SPACE SHUTTLE (STS-105/DISCOVERY)

Mission STS-105 is the 11th Space Shuttle flight to the International Space Station (ISS Flight 7A.1). Several payloads and the Expedition Three crew members will make the journey up to the Station aboard Shuttle Discovery. The current Expedition crew now on the orbiting outpost will return to earth aboard STS-105. The Multi-Purpose Logistics Module (MPLM), named Leonardo, built by the Italian Space Agency, will be carried in the Shuttle's payload bay on its second flight into space. Leonardo will be outfitted with 12 racks of experiments and equipment that would include clothing, food, logistics hardware and other supplies.

THE STS-105 CREW – Veteran astronaut **Scott J. Horowitz** will serve as the STS-105 commander on his fourth space trip. He has logged over 852 hours in space since his selection to the astronaut program in 1992. Discovery's Pilot **Frederick W. "Rick" Sturckow** will make his second Shuttle flight. He was the pilot on the first ISS assembly mission in 1998 and logged over 283 hours in space. The two mission specialist are: **Daniel T. Barry**, an astronaut since 1993, will make his third flight into space aboard Discovery. He has logged more than 449 hours in space, including 2 spacewalks, **Patrick G. Forrester**, his first Shuttle flight into space has been a NASA astronaut since 1996. He most recently served as an assistant to the director of Flight Crew Operations at NASA's Johnson Space Center. **Frank L. Culbertson Jr.** will fly aboard Discovery as commander of the Expedition Three crew. A veteran of two spaceflights, he has logged over 344 hours in space since becoming an astronaut in 1985. Cosmonaut **Mikhail Turin** of the Russian Space Agency will be aboard Discovery as a member of the Expedition Three crew. STS-105 will be his first space voyage. Test Cosmonaut **Vladimir N. Dezhurov** of the Russian Space Agency will make his first Space Shuttle launch as a member of the Expedition Three crew. On his first space trip he was commander of the Russian Soyuz/Mir-18 mission and returned aboard Shuttle Atlantis on STS-71.

THE STS-105 CREW INSIGNIA – The STS-105 crew patch symbolizes the exchange of the Expedition Two and Three crews aboard the ISS. The three gold stars near the ascending Shuttle Orbiter represent the U.S. commanded Expedition Three crew as they journey into space, while the two gold stars near the descending Orbiter represent the Russian commanded Expedition Two crew and the return to Earth. The plumes of each Orbiter depicts the flags of the United States and Russia and symbolize the close cooperative between the two space faring nations. The Astronaut Office symbol, a star with three rays of light, depicts the unbroken link between Earth and the newest and brightest star on the horizon – the ISS. The names of the four astronauts who will crew Discovery are shown along the border of the patch. At the bottom of the emblem on the chevron are the names of the Expedition Three and Two crews.