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SHUTTLE (STS-133 / DISCOVERY)

The Space Shuttle Discovery will be the 35th mission to the International Space Station (ISS). Discovery's crew will deliver and install as permanent fixtures to the space station the modified Permanent Multipurpose Module (PMM), named Leonardo, and the pressurized Express Logistics Carrier 4 (ELC-4) for supply storage. In addition, the crew will transport to the ISS critical spare components. The 11-day flight, which will include two spacewalks, will also launch the first human-like robot into space, Robonaut 2 (R2), to the orbital space station complex.

THE STS-133 CREW — Four-time veteran astronaut **Steven W. Lindsey** will lead the Discovery crew of STS-133. He has logged over 1203 hours in space since his selection to the astronaut corps in 1995 and is a former astronaut office chief. Discovery's pilot **Eric A. Boe**, chosen for the astronaut program in 2000, spent nearly 16 days in space on a prior shuttle trip in 2008. The STS-133 Mission Specialists, all from the same astronaut class of 2000, are: **Timothy L. Kopra**, **Michael R. Barratt**, **Benjamin Alvin Drew**, and **Nicole P. Stott**. As an Expedition 20 flight engineer in 2009, Kopra was aboard the ISS for 2 months and performed a 5-hour spacewalk. Barratt logged 199 days in space as an Expedition 19-20 flight engineer aboard the station in 2009. Drew, a second-time space flier, had completed a shuttle flight in 2007 after logging 305 hours in space. A former member of an 18-day Aquarius undersea research habitat in 2006, Stott flew in space as the Expedition 20-21 flight engineer while living and working aboard the ISS for 91 days and performing a spacewalk.

THE STS-133 CREW INSIGNIA — The STS-133 mission patch is based upon sketches from the late artist Robert McCall; they were the final creations of his long and prodigious career. The Shuttle Discovery is depicted ascending on a fiery plume of flame as if it was just beginning a mission. A spray of stars surrounds the shuttle orbiter and a top lit crescent forms the background behind the ascent. The mission number, STS-133, is emblazoned on the patch center with crewmembers' names listed on a sky-blue border around the scene. The emblem is to signify Discovery's completion of its operational life and the beginning of its new role as a symbol of NASA's and the nation's proud legacy in human spaceflight.