



STS-133

THE MISSION: Space shuttle Discovery's STS-133 mission will carry the Permanent Multipurpose Module (PMM) and the Express Logistics Carrier-4 (ELC-4) to the International Space Station. The PMM is the last module a space shuttle will deliver for permanent attachment to the station.

During the 11-day flight, the PMM will be attached to the Earth-facing side of the Unity node and Drew and Bowen will make two spacewalks to upgrade and repair sections of the station's exterior. Bowen replaced astronaut Tim Kopra, who was injured in a bicycle accident in January 2011.

The PMM contains equipment, supplies and Robonaut 2 (R2), a state-of-the-art robot capable of handling a wide range of spacewalking tools and interfaces from inside the station. R2 will help NASA gather more knowledge about human and robotic interactions in space.



Commander
Steve Lindsey



Pilot
Eric Boe



Mission Specialist
Alvin Drew



Mission Specialist
Nicole Stott



Mission Specialist
Michael Barratt



Mission Specialist
Steve Bowen



**Robonaut 2
(R2)**

