

# Image: Astronaut Reid Wiseman on the first spacewalk of Expedition 41

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Credit: NASA/ESA/Alexander Gerst

On Oct. 7, NASA astronaut Reid Wiseman (pictured here) and European Space Agency astronaut Alexander Gerst completed the first of three spacewalks for the Expedition 41 crew aboard the International Space Station.

The spacewalkers worked outside the space station's Quest airlock for 6

hours and 13 minutes, relocating a failed cooling pump to external stowage and installing gear that provides back up power to external robotics equipment. Flight Engineer Barry Wilmore of NASA operated the Canadian robotic arm, maneuvered Gerst during the course of the spacewalk and served as the spacewalk coordinator.

A second U.S. spacewalk is set for Oct. 15. Wilmore will don a U.S. spacesuit and follow Wiseman outside the Quest airlock for a 6-1/2 hour excursion. Gerst will serve as the spacewalk choreographer. The goal of the excursion is to replace a failed voltage regulator component on the starboard truss of the station. They will also move external camera equipment in advance of a major reconfiguration of station modules next year for the arrival of new docking adapters for commercial crew vehicles.

Provided by NASA

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