

ISS Station Crew To Do August 18 Spacewalk

August 18 2005

Expedition 11 Commander Sergei Krikalev and NASA Science Officer John Phillips will go outside the International Space Station this Thursday on a spacewalk to remove, replace and photograph experiments, and relocate equipment.

Krikalev, designated EV1, will be making his eighth spacewalk. This is Phillips' first spacewalk.

Wearing Russian Orlan spacesuits, both with red stripes, the two are scheduled to open the hatch of the Pirs docking compartment airlock at 2:55 p.m. EDT to begin the six-hour spacewalk.

The first task is to remove a Russian Biorisk experiment container housing bacteria from the outside of Pirs.

Next they will remove an MPAC and SEED panel from the large-diameter aft section of the Zvezda Service Module. MPAC is a micrometeoroid and orbital debris collector. SEED is a materials exposure array.

Crewmembers then will move to the Matroska experiment, a torso-like container with radiation dosimeters in human-tissue-equivalent material. They will remove it and later, with the MPAC and SEED panel, bring it back inside the Station.

Krikalev and Phillips will install a television camera on Zvezda, then

photograph and check a Korma contamination exposure experiment tablet on a handrail. Once that is complete, they will remove an SKK materials exposure experiment container and replace it with a similar unit.

Their final task is to remove from the Zarya module a grapple fixture for a Strela crane and relocate it on Pressurized Mating Adaptor No. 3, attached to the Station's Unity node.

Krikalev and Phillips will return to Pirs to wrap up their spacewalk at about 8:55 p.m.

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