

January 2013: In a first-of-its-kind fluid transfer in space, RRM confirmed that current-day robotic technology can refuel the triple-sealed satellite fuel valves common to orbiting satellites.

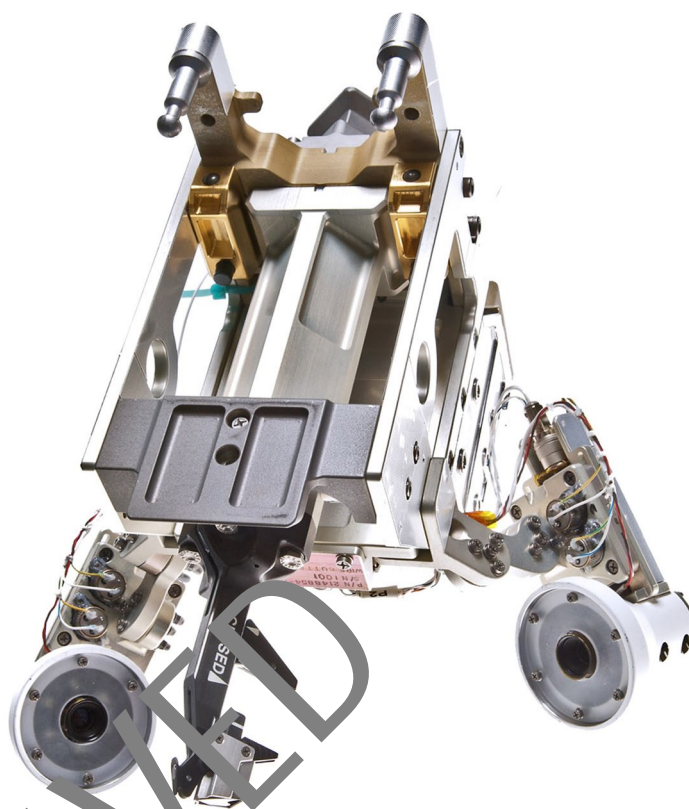
Developing RRM

RRM was developed by the Satellite Servicing Capabilities Office (SSCO) at NASA's Goddard Space Flight Center in Greenbelt, Md. Veterans of five servicing missions to the Hubble Space Telescope, SSCO carried the RRM investigation through its rapid 18-month development to its July 2011 launch on STS-135, the last space shuttle mission.

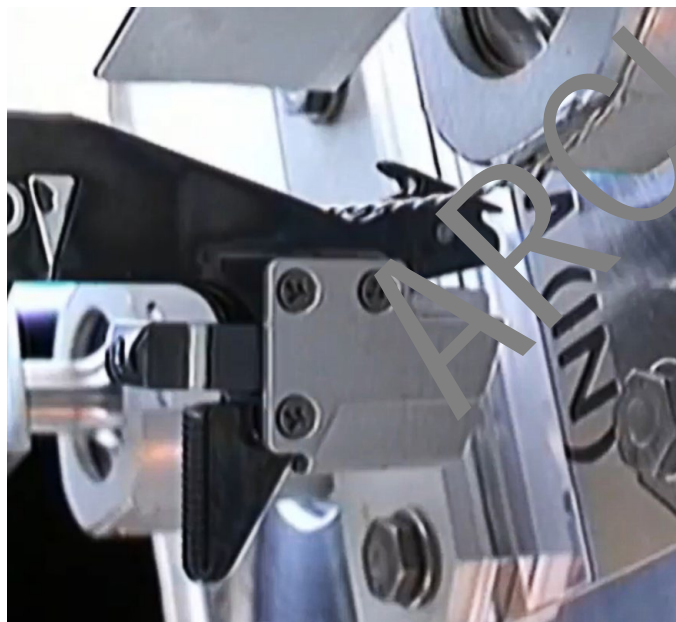
RRM operations are monitored and remotely controlled by flight controllers at Goddard, Johnson, Marshall Space Flight Center in Huntsville, Ala., and CSA's control center in St. Hubert, Quebec.

For more information, visit:

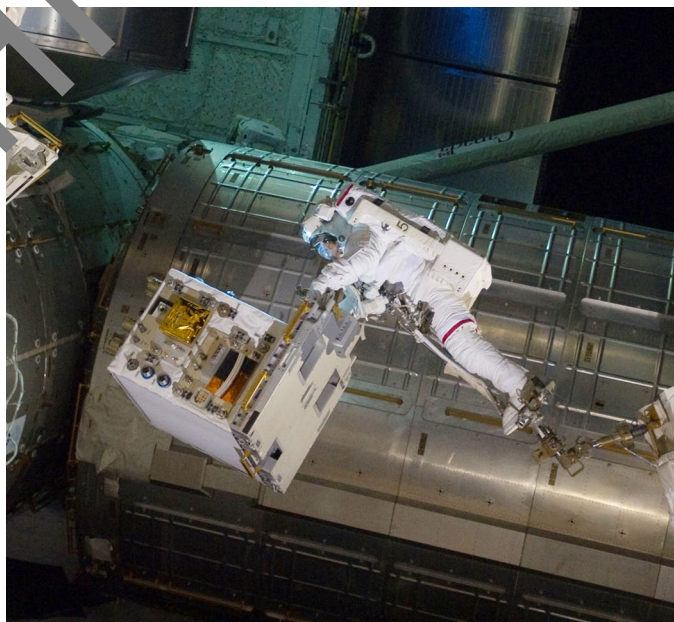
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The RRM Wire Cutter Tool (WCT).



The WCT snips wire on orbit during March 2012 operations on space station.



RRM was the last payload to be removed by an astronaut from a space shuttle payload bay.

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