

ITT Will Develop Modernized Space Receiver

ITT Corporation (NY, USA) was one of two successful bidders for a contract from the GPS Wing of the US Air Force to begin to develop a Modernized Space Receiver (MSR), a GPS receiver that will operate in space on low-earth orbit satellites and will be able to receive new, modernised GPS signals.

The GPS wing is part of the Space and Missile Center, which is part of the US Air Force's Space Command.

Under Phase A of the contract, each of the selected suppliers will prepare a proposal for full-scale development of the MSR to be presented to the GPS Wing in mid-2007. After an opportunity to update the proposals, one of the contractors will be chosen to complete the project.

ITT's Phase A work will be done at a Space Systems Division facility, and in concert with NASA's Jet Propulsion Laboratory (JPL) in Pasadena, California.

ITT has a strong legacy in GPS systems, having designed, developed, integrated and manufactured payloads for the highly successful US Air Force NAVSTAR Global Positioning System since 1974. ITT payloads have been on every GPS satellite ever launched and have accumulated nearly 300 years of on-orbit life without a single mission related failure.

Similarly, JPL has a long history of building high-performance GPS receivers, and the ITT proposal included a technology transfer from JPL to the MSR program.

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