

➤ Tactical Remote Sensor Systems (TRSS) Product Improvement Program (PIP)

DESCRIPTION

The Tactical Remote Sensor Systems (TRSS) program includes a suite of sensors, relay systems, and monitoring stations. When deployed, TRSS provides all-weather remote monitoring of activity within and near a given objective area. At a minimum, TRSS is capable of detecting human activity and the presence and movement of vehicles,



providing real-time, near real-time, or non-real-time monitoring of sensors ashore and over the horizon. The light weight and mobility of the monitoring equipment supports fast-moving amphibious and expeditionary operations. Air or ground forces can emplace individual sensors. Sensors and relays have sufficient power

sources to operate continuously for 30 days. The Marine Corps Ground Sensor Platoon (GSP) employs the TRSS.

OPERATIONAL IMPACT

Initiated in 1991, TRSS replaced the Vietnam-era REMBASS system with upgraded electronics, sensors, and relays. The system was lighter, of smaller size, and had better monitoring devices. This program provided the Sensor Control and Management Platoon (SCAMP), now called Ground Sensor Platoon (GSP), extra capabilities without changing the operational profile of the SCAMP or GSP. The TRSS and its planned PIP will provide Marine commanders with improved detection, location, and targeting of enemy forces operating in areas of interest.

PROGRAM STATUS

Full operational capability of TRSS is expected in FY 2003. Additionally, the PIP will be implemented from FY 2004 through FY 2009, during which time both the software and some components will be upgraded.

PROCUREMENT PROFILE: FY03 FY04

Quantity:

<i>Sensor PIP</i>	0	900
<i>Relay PIP</i>	0	0
<i>Monitor PIP</i>	0	0
<i>Test Set PIP</i>	0	0

DEVELOPER/MANUFACTURER

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