



# Surveillance Towed Array Sensor System (Tech Crew)

**CUSTOMER:** U.S. Navy, Space and Naval Warfare Systems Command

**VALUE:** \$59,182,501

**CONTRACT #:** N00039-11-C-0042

**PLACE OF PERFORMANCE (PRIMARY):** San Diego, CA

## MISSION SUMMARY

**Leidos, Maritime Operations and Logistics Solutions (MOLS)** supports SPAWAR's mission of delivering an interoperable and secure information technology warfare capability. The *Surveillance Towed Array Sensor System (SURTASS)* is installed on Tactical Auxiliary General Ocean Surveillance and Japanese Auxiliary Ocean Surveillance class ships as an important element of the Integrated Undersea Surveillance System. SURTASS provides mobile detection, tracking, and reporting of submarine contacts at long range.

## STATEMENT OF WORK (HIGH LEVEL)

MOLS provides operations, maintenance, training and field support of the SURTASS equipment.

### THE MOLS TEAM PROVIDES:

- ▶ **Shipboard Support** – Operate and maintain the SURTASS shipboard equipment 365 days a year while at sea and in port, to include array deployments and retrieval operations. Operate and maintain low-frequency active (LFA), compact LFA, TL-29A passive arrays, array processing sub-systems, naval communications systems, navigation systems, and Communications Security (COMSEC).
- ▶ **Field Support Team (FST)**
  - ▶ **Ship Support** – OCONUS and foreign engineering services for maintenance, repair, installation, testing, retrofit hardware/software, and documentation of SURTASS electronic equipment.
  - ▶ **Shore Support** – Provide engineering and logistic support to the ships during normal maintenance cycles, and 24/7 emergent support as needed. Perform cost-saving repairs and refurbishment of systems and equipment in compliance with LM-21 Quality Assurance (QA). Oversee and perform QA inspections, corrective/preventive maintenance, operational test and evaluation of all installed electronics systems.

## PROGRAM ACHIEVEMENT HIGHLIGHTS

- ▶ Excellent Ratings during every OY period earning all nine six-month award terms
- ▶ 100% Mission Accomplishment with over 1,000 days at sea between five ships in 2017
- ▶ Saved government \$380,000 by performing in-house repair/refurbishment of electronics
- ▶ 100% Rating Accomplishment on 9 completed ship Mission Readiness Reviews/Mission Availabilities

## ABOUT LEIDOS

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