The APS-143C(V)3/OceanEye™ is Telephonics' high performance maritime surveillance radar found onboard a wide array of fixed- and rotary-wing aircraft worldwide. OceanEye is lightweight and reliable, incorporating successful mission-critical features of earlier APS-143 versions with an integrated Identification Friend or Foe (IFF) interrogator.

**Open-Architecture Design**
OceanEye's open-architecture design facilitates software and firmware updates and is the best choice for maritime tactical missions now and well into the future. OceanEye features a three-box system comprised of a Receiver/Transmitter (R/T), Signal Processor (SP) and Antenna/Pedestal (A/P).

**Mission Diversity**
OceanEye's diverse mission areas make it a cost-effective radar for the following operational missions:
- Anti-Surface Warfare (ASuW)
- Small target detection
- Search and Rescue (SAR)
- Search and Rescue Transponder (SART) beacon detection
- Long-range maritime surveillance and classification
- Fisheries protection
- Coastal surveillance
- Contraband control and drug interdiction
- Border surveillance
Advanced Radar Techniques

- Automatic detection and tracking with built-in global land mass rejection capability reduces operator workload in blue water and the littorals with low false alarm rates
- Frequency agile waveforms covering 460 MHz bandwidth enhances detection and reduces false returns
- High-range resolution with duty cycle pulse compression waveforms
- Synthetic Aperture Radar (SAR) and Inverse Synthetic Aperture Radar (ISAR) imaging modes
- Scan-to-scan integration

Indian Navy P-8I long-range, multi-mission maritime patrol aircraft.

Internally integrated IFF available
Internally integrated Automatic Identification System (AIS) receivers

For additional information, contact Telephonics at 631.755.7000 or visit www.telephonics.com.