BlueTracker

Latest generation sonobuoy processing system leveraging Thales’ Anti-Submarine Warfare leadership

- Compatible with all modern sonobuoys.
- Latest concurrent processing and display technologies maximizing proven operational performance whilst reducing operator’s workload.
- Can be fitted on any airborne or surface platform.
- Wide area coverage: up to 64 sonobuoys.
- Supported and qualified by major programmes.
BlueTracker
Advanced passive, active and environmental sonobuoy processing

Presentation
For both helicopter and Maritime Patrol Aircraft (MPA) applications, BlueTracker can be fully integrated into the aircraft’s Tactical Mission System. In addition, BlueTracker provides sonobuoy processing capability for surface ships operating Anti-Submarine Warfare UAVs. BlueTracker processes active and/or passive acoustic data from sonobuoys and provides capabilities for detection, tracking, localization and classification of surface and subsurface targets in all environments.

Operational Highlights
Latest processing technology with extensive analysis tools for the operator:
- Mono or multistatic processing modes for all active sonobuoys.
- Performance prediction and sonobuoy pattern optimization functions.
- Narrowband, broadband, transient and noise modulation with simultaneous resolutions, for each sonobuoy in the water.
- Comprehensive classification functions.
- Full colour HMI for active and passive geographic, energy and raw chain data displays.
- Digital wideband VHF sonobuoy receiver (99 channels).
- Comprehensive mission preparation, post-mission fast-time replay/analysis and simulation for operator training.
- Production based on major MPA programmes: long term support guaranteed with software upgrades and long term roadmap.
- Proven distress beacon detection.

MAIN FEATURES
- Proven processing technologies through extensive MPA and helicopter programmes.
- Fully sea-proven in worldwide operational deployment in mono and multi-static mode.
- Processes the latest analogue and digital types of sonobuoy.
- Automated, full colour displays.
- Powerful data fusion techniques covering a large amount of acoustic information.
- Powerful operator tools.
- COTS-based acoustic processor with wideband VHF receiver.
- Full HD, touch screen.

Compatible with the Thales BlueScan integrated multi-sensors acoustic system

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