

Surface **Tactical ESM** and **ELINT** Systems



HIGH CONFIDENCE SITUATIONAL AWARENESS

Naval decision makers commanding surface vessels require high confidence in their situational awareness with respect of the Electronic Order of Battle.

That awareness becomes absolutely crucial for achieving the mission objectives and, ultimately, for vessel survival.

NAVAL ESM & ELINT

High Confidence Situation Awareness

The SME family consists of a range of compact, high performance tactical ESM and ELINT systems designed to perform in today's complex operational EW requirements.

Different configurations are available for installation on all surface platforms.

The system provides automatic interception analysis and classification in dense signal environments. High fidelity ELINT capability is provided in parallel providing interpulse, intrapulse and time analysis detail. The system also features extensive recording capability.

The system is suitable for operation in bluewater and littoral missions, having high sensitivity, wide dynamic range and accurate instantaneous direction finding capability.

The system supports both static (national) and dynamic (local) library files to support classification of Radar emitters with platform association.

Key Operational Advantages

- Rapid reaction for interception, characterisation and classification of radar emitters.
- Parallel ELINT analysis capability.
- Operates effectively in dense signal environments, even in the presence of high power interfering signals.
- Easy to operate and minimises the cost of training.
- Low Size, weight and Power (SWaP).

What Sets SME Apart?

- High performance with small footprint.
- Open architecture, scalable solution.
- Modular software.

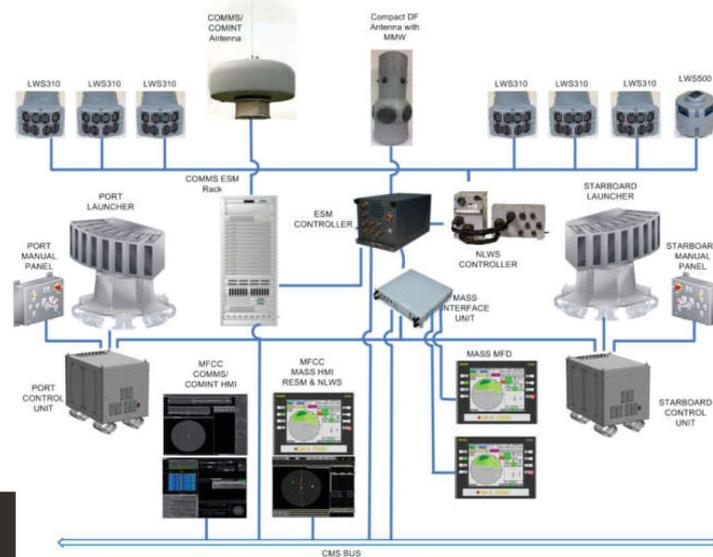


Integrated EW Systems

The SME systems can be integrated into various solutions:

- With the Saab Naval Laser Warner System
- Rheinmetall's MASS or other decoy systems
- Saab CRS-8000 system
- Active ECM systems.

Integrated EW Suite:
NLWS, R-ESM, C-ESM
and Decoy System.



Support Equipment

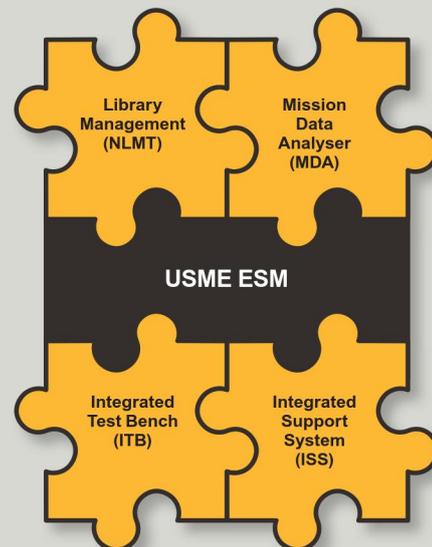
NLMT - The NLMT is a library management tool that supports import of Radar and Laser emitter entries into a local database from where mission files can be generated for the ESM system. XML import and export utilities ensure seamless integration with customer databases and analysis tools.

Mission Data Analyser - The MDA provides the user with the capability to analyse system recordings and dynamic database library entries and allows the user to isolate specific operational recordings, diagnostic recordings etc.

Integrated Support System - The ISS is a portable laptop based support tool that provides the maintainer the capability to perform onboard and alongside maintenance tasks. It allows manual system control, computer assisted diagnostics and hosts the HMI.

Integrated Test Bench (ITB) - The ITB provides the a capability to perform shore based system and LRU testing in a controlled environment. Complete system diagnostics and verification capability is provided.

Specifications subject to change without notice.



USME Support Tools