



10 | INFORMATION OPERATIONS

CAPABILITIES



IO tactical cryptologic capabilities fuse and exploit Radio Frequency (RF) signals intelligence at sea, enabling Electromagnetic Maneuver Warfare (EMW) and Electronic Attack to protect the ships' force.

SSEE FoS

Ship's Signal
Exploitation Equipment
Family of Systems

The SSEE Family of Systems (FoS) is the Navy's surface cryptologic capability that searches for, identifies, locates, exploits, denies, and degrades adversary communications

SSEE Inc E

Ship's Signal
Exploitation Equipment
Increment E

Delivers threat indications and warnings for ship and strike groups; feeds data to National consumers

- Highly sensitive, electronic support measure system provides automated signal acquisition, direction finding, and target identification and geolocation
- Detects, classifies, and tracks Signals of Interest (SOI); provides line of bearing (LOB) of emitter and obtains a fix on the emitter using LOB from capable platforms, shore sites, and Hostile Intercept Tactical System geolocation service

SSEE Inc F

Ship's Signal
Exploitation Equipment
Increment F

Builds on SSEE Increment E to expand RF and broaden signals intelligence collection

- State-of-the-art IO system provides a standardized IO weapon system across multiple maritime platforms based on a common core capability that responds to emerging threats, promotes flexible tasking of assets, and supports cross-training personnel
- A modular SSEE Increment F small footprint variant enables mission-specific configurations and rapid deployment of new technology

SSEE Mods

Ship's Signal
Exploitation Equipment
Modifications

Enhances SSEE Increment F capabilities to detect and track RF signals

- Advanced antennas increase frequency coverage to improve threat signal acquisition

Spectral

Next generation Information Warfare weapons system enhances signals exploitation capabilities

- Scalable, mission-configurable, modular, and remotable to rapidly respond to new threats or capabilities
- Stronger, faster, integrated capability enables data sharing with other systems to support EMW/Integrated Fires (IF)
- Detects, classifies, and tracks SOI beyond stated requirements; improves automation, operability, and intuitiveness in the Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) process
- Agile software development ensures flexibility in meeting emergent requirements and addressing Fleet user priorities

CR

Classic Reach

Virtualized capability enables distributed multi-intelligence operations for the Warfighter

- Provides the Navy with an integrated, distributed, net-centric sensor grid framework
- Remote operations allow ashore support to rapidly provide threat indications and warnings

CCOP

Cryptologic
Carry-On Program

Quick-reaction capability responds to emergent threats

- Delivers quick-reaction cryptologic capability to address advancements in foreign military communications and Intelligence, Surveillance, and Reconnaissance (ISR) systems; provides non-permanent capability to platforms not equipped with permanent IO warfare systems or augments permanent equipment when needed
- Prosecutes SOI to deliver real-time situational awareness of key threats and geolocation on high-priority targets; ingests and correlates off-board and organic data to provide the Fleet with valuable, actionable intelligence
- Disseminates multi-intelligence products to support Fleet and National decision making