

- > Insensitive Munition & Low Energy Electronics
- > End User Configurable Mine Algorithms and Operational Parameters
- > Algorithm Development and Maintenance system
- Sophisticated Target Detection & Safety and Arming System





FULLY IM-COMPLIANT SEA MINES WITH MULTISENSORY TECHNOLOGY

FLOUNDER

FLOUNDER Anti-Invasion Coastal Mine features the newest generation of Target Detection System with multi-sensor technology. Technology enables navies to develop freely their own detection & detonation algorithms and mine countermeasure behaviour.

MAIN FEATURES

- Utilizes Insensitive Munition making it safe to store, transport and operate
- Operational in extreme conditions
- Minimal maintenance
- Designed especially for shallow waters

25-YEAR SHELF

TARGET DETECTION SYSTEM

TARGET DETECTION SYSTEM (TDS) includes Target Detection Device (TDD) with multisensory technology. FLOUN-DER and BLOCKER naval mines are equipped with TDD. Same compact, modular device for target detection and detonation initiation can be used for modernization of existing sea mines from different manufacturers.

In addition, TDS includes SUPPORT SYSTEMS for Algorithm Development, Testing, Maintenance, Programming, Mine Countermeasures Research and Diver Training.



BLOCKER

Influence sea mine with devastating performance. Cost-effective system with long shelf life and minimal maintenance during the lifecycle. Acoustic, pressure, magnetic and inertial sensors. Optional UEP and photonic sensors. Neq equivalent to over 1000 kg of tnt.

- The only sea mines in the world with hazard classification 1.6N
- Operational in extreme conditions
 Minimal maintenance
- Fully tested, qualified and in service Unparalleled user safety
- NATO Stock Number 1351-58-001-7693

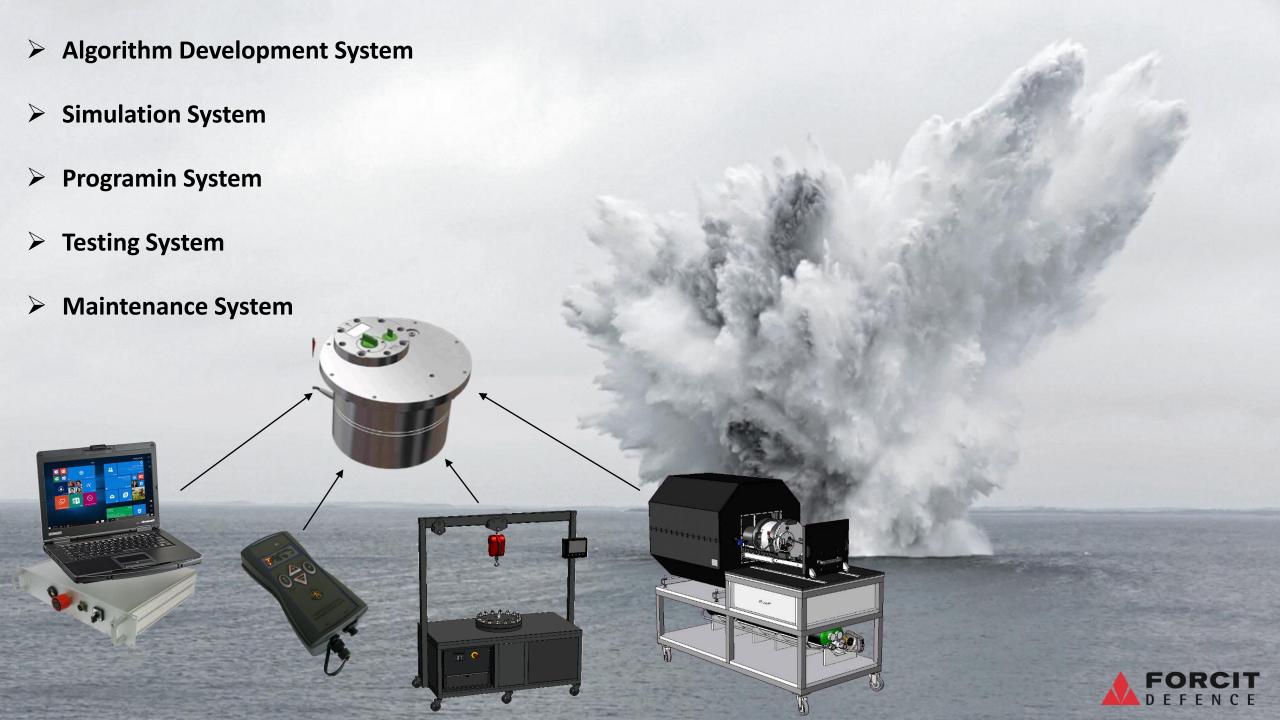


SUMICO - MODULAR MINELAYING SYSTEM

Forcit has developed and patented the modular minelaying system, SUMICO, which provides plug-in minelaying capability to any ship capable of mission module handling. This modular system supports naval mines through their life, including storage, maintenance, training, logistics and minelaying operations.







C2 system



Pre-planned minefield execution data Minelaying report import

NAV SYS



Routes GPS or other position sensors Kinematics, weather Depth AIS

CMS



System tracks Minelaying routes Mine positions Danger areas



Minelaying Planning and Execution System

- ✓ Minefield planning/optimization on map
- √ Navigation guidance/monitoring
- Minelaying deployment instructions
- Logging of events
- ✓ Minelaying report generation





Automated, semi-automated or manual mine deployment



Enhanced capability with container-based systems



