Naval Training Systems
Mine Countermeasures Trainers

The successful conduct of complex mine hunting operations, where safety of personnel and equipment is paramount, is dependent on effective training in a representative environment and a controlled, repeatable manner. As a leading supplier to navies around the world, BAE Systems Integrated SystemTechnologies (Insyte) Mine Countermeasures Trainers enable today's navies to meet the challenges of modern mine warfare.

RN SANDOWN Class SRMH COT

Following successful introduction into training service of the Royal Navy SANDOWN Class Minehunter Command and Operator Trainer (COT), Insyte has developed a high fidelity Sonar and Remotely Operated Vehicle (ROV) simulation system hosted on commercial workstations.

The simulation system includes fully functional sonars for both ship and ROV, a full scenario and modelling database, minehunting visuals and fully interactive operator controls. A graphical user interface, based on X- Windows, provides an adaptable, user friendly instructor control facility.

High fidelity mine countermeasures training systems allow student operators to undertake complex exercises in a totally safe environment that is highly representative of system operation at sea. Comprehensive management and debrief facilities enable the instructor to analyse the actions of the student, assess progress and replay any part of the exercise for review.

The simulation system can be configured for shore based Mine Countermeasures Team or Operator Skills Training; or as an On-board Training Facility.

Features
The Minehunter Command and Operator Trainer supports the following features:

- High fidelity acoustics
- High quality visuals
- Ship positioning and control
- Fully functional radar simulation
- Integrated to Ship's Navigation System
- Route map survey
- Variable depth sonar operations
- Remotely Operated Vehicle deployment
- Extensive mine database
- COTS based

Benefits
Command and Operator training systems complement other forms of training including full team and on-board training. Significant advantages are:

- **Flexibility** Covering novice and expert level students in the individual and team environments in the same system
- **Controlled** Computer generated scenarios, run under the direction of training specialists, can be debriefed and repeated until training objectives have been achieved
- **Cost effective** A single trainer can be reconfigured to produce the type and level of training required - specialist or team
- **Safe** High fidelity levels of training can be carried out under controlled conditions, without the use of live ROVs, sonars or weapons

Customer Base
Insyte has supplied the majority of Trainers for Royal Navy surface ships, submarines and minehunters. Customers include the navies of Portugal, Australia, Thailand and Canada.

Recently completed contracts include:

- RN SANDOWN Class Minehunter COT
- RAN HUON Class Minehunter COT
- RN HUNT Class Minehunter COT Upgrade

Associated Products
In addition to Minehunter Command and Operator Trainers Insyte products include:

- Command Team Trainers
- Visual Simulation Systems
- Reconfigurable Classroom Trainers

With over 2000 systems worldwide Insyte is a world leader in providing effective training solutions, whatever the requirement or wherever the location.

Simulated sea bed topography

ROV acoustics / visuals

FOR MORE INFORMATION CONTACT:

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