PROTEUS
Communications Trainer (CT)

The PROTEUS Communications Trainer prepares personnel to use correct terminology and procedures when using radio voice and data systems.

PROTEUS Communications Trainer classrooms can be configured for use by multiple students simultaneously.

Users can be provided with a realistic communications plan, including the assignment of multiple frequencies for each Net to permit practising procedures, such as changing to new frequencies.

Groups of users can be assigned their own communications plan, thereby allowing separate Task Forces to operate independently in the same classroom.

Instructors are provided with a powerful monitoring tool that records all transmissions, shows who made them, when they transmitted, and it allows transmissions to be replayed whilst the training is in progress or for post-exercise debriefing.

Civil marine radio procedures can be practised, including the use of GMDSS systems.

FEATURES

- Proven in operational training - provides low-risk, cost-effective training solution.
- Can be tailored to meet each user’s specific training requirements.
- Runs on COTS PCs.
- HLA evolved compliant (IEEE1516.2010).
- Can be federated with any other PROTEUS training system, or:
  - Kongsberg Maritime’s POLARIS training systems.
  - Third party trainers using either an HLA or DIS interface.
- Long-term follow-on support contract available.
COMMUNICATION IN THE NAVAL ENVIRONMENT

There are numerous historical examples of how poor radio communications turned the tide of battle. In naval warfare, exploiting an opponent’s poor communications procedures played a pivotal role in the Battles of Tsushima, Jutland, Midway, the Battle of the Atlantic, the sinking of the Bismarck, the shooting down of Admiral Yamamoto’s plane, and many other examples.

In civilian life, everyone is used to having instant communications whenever they choose with whoever they choose. In military communications, the real skill is in knowing when to say nothing as, for example in naval warfare, careless transmissions could compromise a warship’s location. When it is essential for naval military personnel to communicate, the skill is in knowing how best to pass messages quickly, accurately and with the least risk of the transmission being exploited by an enemy. To achieve these goals requires high quality communications training.

The PROTEUS Communications Trainer brings together all the elements of naval communications, including military voice and data systems and civilian marine radios, including GMDSS. Using the PROTEUS Communications Trainer, an instructor can teach students correct voice and data communications procedures. For customers with their own Windows-compatible data communications software, the PROTEUS Communications Trainer can be configured to run the real software in a Window on the operator’s display.

The PROTEUS Communications Trainer provides a realistic training environment for naval personnel to learn and practise correct communications procedures in a secure environment.