



潛艦教練儀

Submarine Operational Simulator

主要特色：

- 浮航操作訓練。
- 呼吸管航行操作訓練。
- 潛航操作訓練。
- 緊急上浮/下潛操作訓練。
- 平衡分析訓練。
- 故障排除訓練。
- 潛航性能擬真與實體相近。
- 採用網路訊號轉換系統，可讓訓練艙快速切換不同輸入介面。
- 研發商規同步複示器，裝備維持與零備件需補無虞。
- 系統操作自動化，三分鐘內完成系統關閉。
- 系統軟體採分散式雲端設計，取代傳統網路連網功能。
- 具備液壓系統以提供艦身角動態模擬。
- 強化聲納聽音能力。

Key Features

- Operational Training for the complete surfaced behavior of the submarine.
- Operational Training for the complete snorkeling behavior of the submarine.
- Operational Training for the complete diving behavior of the submarine.
- Operational Training for the complete emergency surfacing/diving behavior of the submarine.
- Trim analysis.
- Malfunction training.
- Accurate steering training.
- Adaptive designing for the I/O subsystem of the simulator, so that the trainer cabin can be interfaced with various I/O subsystems rapidly.
- New designing for Repeater, maximum use of Commercial Off-The-Shelf (COTS) hardware and software.
- Totally automation for System Power on and Power off.
- Clouding computation designing for system software.
- Supporting a hydraulic system to realize the pitch motions of the moving base.
- Enhancing the capabilities for the sonar of mantraining and hydrographic analysis.

