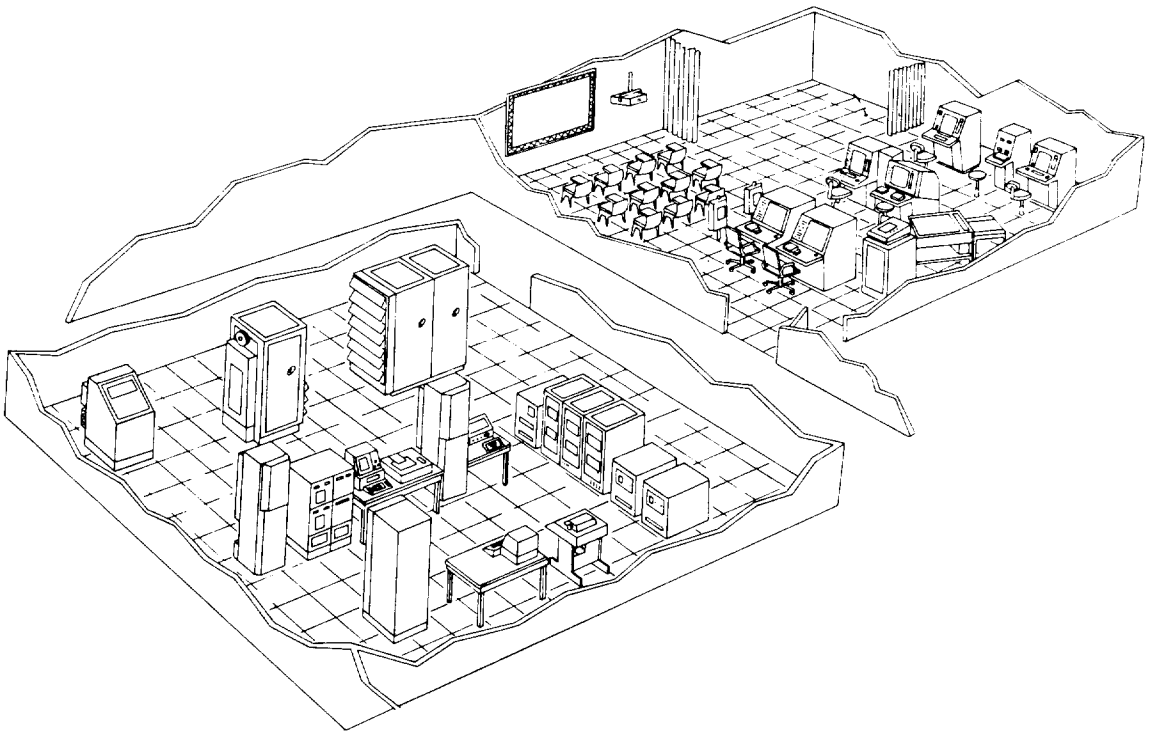

TRIDENT DEFENSIVE WEAPONS OPERATOR TRAINER, DEVICE 21B67

TRAINING CATEGORY:

SEABASED STRATEGIC SYSTEM

ORIGINATING AGENCY:

CNET

SECURITY CLASSIFICATION:

Device 21B67 is SECRET with software and UNCLASSIFIED without software.

PURPOSE OF DEVICE:

To provide tactical training at the general operator, or team level for single-ship TRIDENT operations in a simulated hostile environment. Expertise is developed in coordination of sensors, weapons, and tactical evaluation and decision-making.

INTENDED USE:

Shore-based simulated scenario training.

FUNCTIONAL DESCRIPTION:

The Defensive Weapons Subsystem MK 118 Operator Trainer (DWOT) enhances the attack center team's ability to perform the TRIDENT's mission. Realistic simulated scenarios provide immediate feedback on performance.

Simulated equipment includes the MK 48 Torpedo and MK 57 Mobile Submarine Simulator System (MOSS).

Trainer states are run, freeze, restart/playback, and secure.

The instructor controls training through consoles. CRTs monitor the tactical displays and the problem status. Displays may be recorded on hardcopy.

The 21B67 has two (2) AN/UYK-43 (V) processors, one (1) 11/785 processor, and distributed micropressors.

DIRECTORY OF NAVAL TRAINING DEVICES

PHYSICAL INFORMATION:

Device is two (2) land-based rooms:

Simulation Computer Room: 25' x 37'

Training Room: 25' x 40'

POWER REQUIREMENTS:

Input Characteristics	Max Peak Power (KVA)
120/208V, 60 Hz, 3-Ph, 4-wire	54.0
115V, 60 Hz, 3-ph, 3-wire, DELTA	25.9
440V, 60 Hz, 3-ph, 3-wire, DELTA	22.9
115V, 400 Hz, 3-ph, 3-wire, DELTA	10.0
TOTAL	112.8

PUBLICATIONS FURNISHED:

NTSC P-5462 (U) Operation and Maintenance Manual

NTSC P-5469 (U) Commercial Computer Documentation Set

NTSC P-5478 (U) Preventive Maintenance System

NTSC P-5480 (U) Instructor's Utilization Handbook

NTSC P-5480-S1 (S) Instructor's Utilization Handbook

NTSC P-5481 (U) On-The-Job Training Handbook

NTSC P-5751 (U) Curriculum Course Outline

NTSC P-5752 (U) Instructor's Lesson Guide

EQUIPMENT REQUIRED (NOT SUPPLIED):

Security Cabinet

PERSONNEL:

Instructor/Operator: Four (4) Fire Control Technicians

Trainees: Class of up to twenty (20)

Maintenance: Five (5) Senior Petty Officer fire control, data systems, and electronics technicians with experience and training in relevent specialties.

CONTRACT IDENTIFICATION:

Manufactured by Link Tactical Simulation Div., Silver Spring MD, under NAVTRASYSCEN Contract No.N61339-86-C-0028.

LOCAL STOCK NUMBER:

6930-LL-C00-6290

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