

AN/SLQ-25D Torpedo Countermeasures System

The Next Generation of Torpedo Defense

Surface Ship Torpedo Defense (SSTD) Solution

- Proven torpedo countermeasure
- Core system for U.S. layered torpedo defense
- Improves on widely-deployed AN/SLO-25A

Features and Benefits:

- New Littoral Fiber Optic Tow Cable for shallow water deployment
- New modular winch
 - 50% increased array capacity
 - Single or dual drum configurations
 - Variable Speed Motor Control provides improved handling
 - Tethered Remote Control Device provides improved handling and safety
 - Enhanced corrosion protection
 - Increased tow capacity (15 hp motor)
- New Flexible Towed Body (TB-14B) decoy provides for improved handling and stowage
 - Towed body now spools directly onto winch
 - Integrated NEMO provides in-water, realtime performance monitoring
- New Open Architecture software and hardware provides direct interface to external shipboard systems via open protocol for control and monitoring
 - Linux OS, CORBA
 - Touchscreen display
 - Enhanced built-in-test
 - CanBUS interface
- Designed to provide processing, communications, power and tow capacity to support additional towed sensors
- Full logistics support



MAJOR UNITS	WT (lbs.)	HT (in.)	WID (in.)	DPTH (in.)	L (ft.)	DIA (in.)
Electronic Console	990	66	25	21	-	-
Modular Winch	4200 ³	65 ⁴	76	69	-	-
Littoral Fiber Optic Cable ¹	1200	-	-	-	2100	0.80
TB-14B Towed Body	52	-	-	-	15.5	3
Fleet Angle Compensator ²	210	32	24	-	2.66	-
Deck Sheave ²	74	-	3	-	-	23
Fairlead Chock ²	135	16	21	-	1.83	-

(1) Two towed bodies and two LFOTCs are required for each system.

(2) These items are installation-dependent and may not be required on all installations. Two each are required.

(3) Weight estimated without LFOTCs installed.

(4) Height includes foundation.

The products on this data sheet are subject to the controls of the International Traffic in Arms Regulations (ITAR) and will require authorizations prior to export out of the U.S. or transfer to any foreign person.



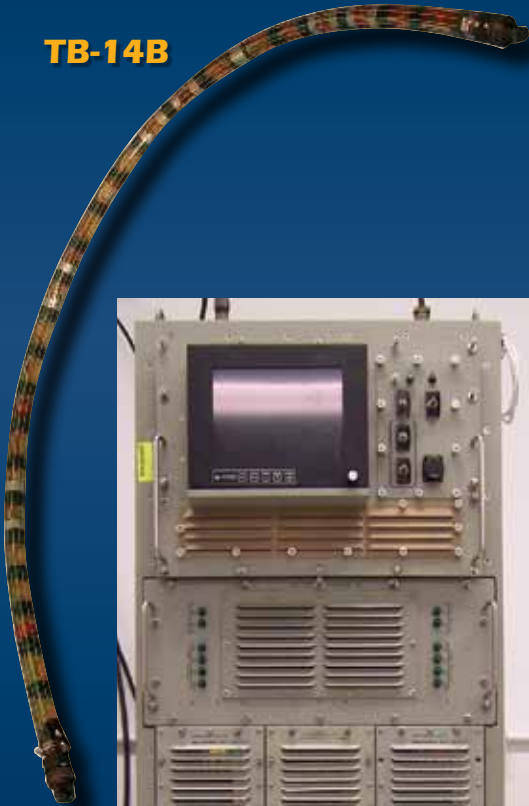
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AN/SLQ-25D Torpedo Countermeasures System

Modular Wench



TB-14B



**Hand-Held
Variable Speed
Motor Control**



Electronic Console

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