



SAAB



NAVAL **LASER** **WARNING** SYSTEM

Naval Laser Warning System, NLWS capable of detecting and analyzing lasers in Blue Water and Littoral combat environments. This system provides vitally important situational awareness to the command team about the presence of laser activity.

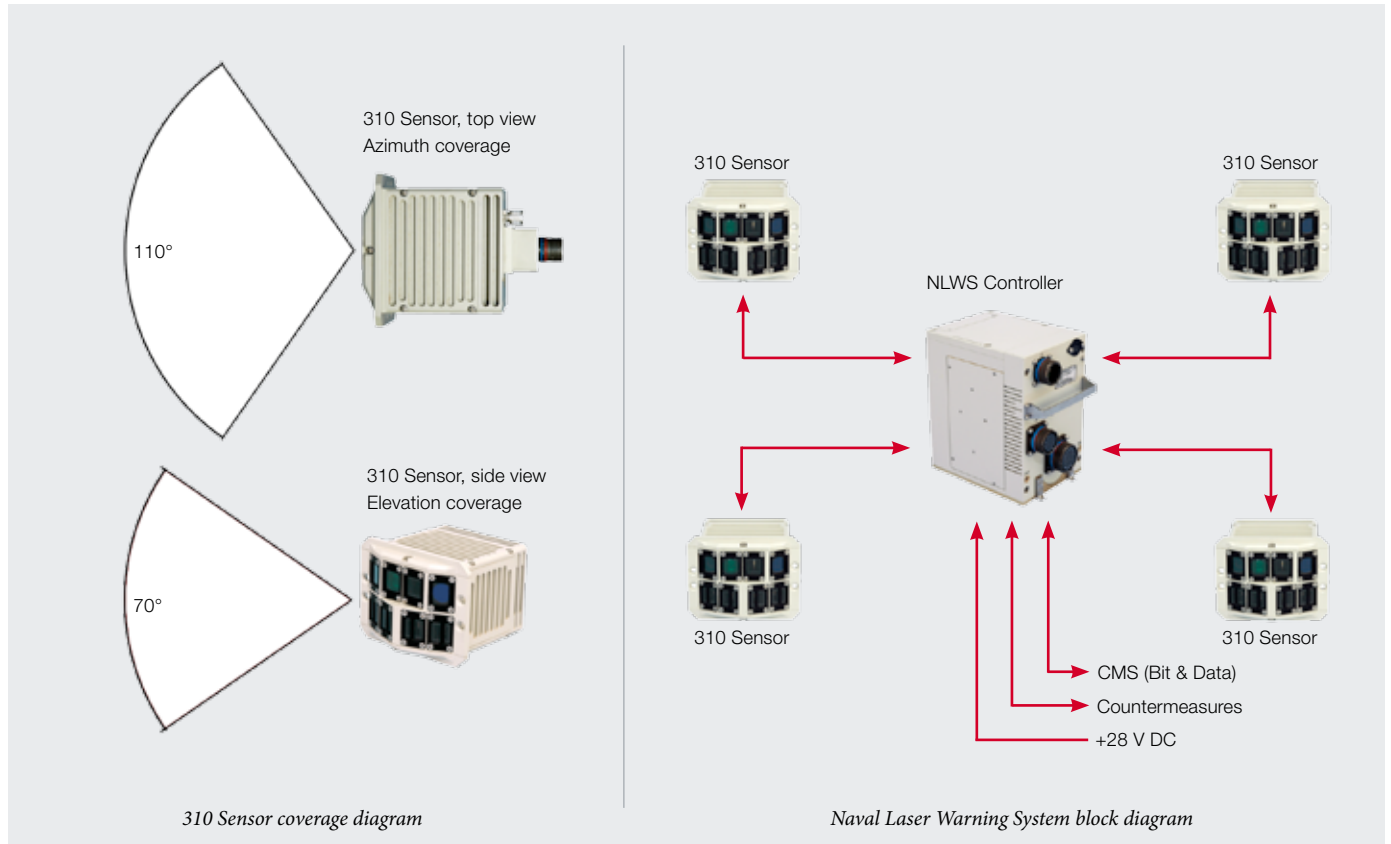
The NLWS consists of a number of sensors and a laser warning controller. The number of sensors required to ensure complete azimuth coverage is selected in accordance with the size of the vessel to be protected.

The NLWS interfaces with the vessel's Command Managements System, CMS, as well as with onboard countermeasures.

With its high Probability of Intercept, POI, the system provides the command team with threat bearing, laser classification and identification information required for accurate countermeasure deployment.



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TECHNICAL SPECIFICATIONS

NLWS 310 SENSOR

Spatial Coverage
POI

EL 70°, AZ 110°
95% for a single pulse, 99% for multi pulse PRI
Range Finder, Designators, Beamriders and Dazzler

Threat Coverage

NLWS CONTROLLER

Interfaces

RS422 (Blanking)
RS422 (Counter measures)
Ethernet (CMS)
+28 V DC
(60 W)

Power requirements



Naval Laser Warning System Tester, NLWST

SUPPORT EQUIPMENT

THREAT LIBRARY MANAGEMENT SYSTEM, TLMS

- The TLMS is a user-friendly windows driven software package which assists with threat identification and NLWS management.
- Creation of a new or changing an existing mission library is accomplished quickly and accurately using the TLMS.
- TLMS enables the analysis of post mission data and the resultant updating of the emitter parameter database.

NAVAL LASER WARNING SYSTEM TESTER, NLWST

The NLWST is a hand held low power laser source which can be used during pre-sail checks or by maintenance staff to verify system operation.

Specifications subject to change without notice

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