

SUBMARINE MASTS

The Complete Mast-Raising Equipment Solutions

L3Harris' submarine masts & sensors are the perfect mast-raising solutions, allowing standardization and cost reduction along with enhancements in quality level and performances.

A SOLUTION FOR EVERY NEED

The gamma of products includes

- > Universal modular mast (UMM)
- > Periscope hoisting system
- > Communication mast
- > Radar mast

These systems are available with both hydraulic or electric actuation. The electric actuation specifically eliminates the need for oil/piping and the risks linked to oil pollution. Chosen by major navies around the world, L3Harris' masts are characterized by proven high performance and reliability.



>600

**MASTS PROVIDED TO THE
WORLD MAIN NAVIES**

Featuring:

- > Minimum detectability
- > DROP-IN / DROP-OUT installation
- > Reduced maintenance needs and life-cycle costs

MAIN FEATURES & SPECIFICATIONS

Actuation	Hydraulic or electric actuation
Operating speed	Deployment/operating speed up to 12/16 knots respectively
Qualifications	Shock qualified according to customer specifications
Maintenance	Mean time between overhauls of more than 8 years
Design	Cartridge design, no onboard alignment needed
Noise reduction	Noiseless raising/lowering control
Additional functions	Deplumer to reduce wake & plume

E-HOIST FEATURES & BENEFITS *

- > Electromagnetic passive brake
- > Movement laws fully SW controllable
- > No power consumption in hold position
- > No oil, no piping: cost and weight savings
- > No oil pollution outboard





UNIVERSAL MODULAR MAST

> 1 or 2 deployment stages



COMMUNICATION MAST

> 3 deployment stages



RADAR MAST

> 1 or 2 deployment stages



PERISCOPE HOISTING SYSTEM

> 1 or 2 deployment stages



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Submarine Mast-raising Equipment Solutions

L3HARRIS' MASTS ARE CURRENTLY EQUIPPING THE SUBMARINES OF MANY WORLD NAVIES

* US Pat. 7549386
D, F, UK Pat. 1847454
RU Pat. 2426674

This document consists of general capabilities information that is not defined as controlled technical data under ITAR Part 120.10 or EAR Part 772.

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L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.



L3HARRIS™
FAST. FORWARD.

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