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C4R OTS MEDIUM

OVER-THE-SIDE SENSOR MOUNT

A rigid, repeatable deployment platform for multibeam sonar and other underwater sensors.



AT A GLANCE

8.2 ft	2.5 m pole
83.8 lb	38 kg system weight
29.1 in	739 mm outboard reach
HARD-ANODIZED	marine-grade aluminum

BUILT FOR RELIABLE SURVEY OPERATIONS

The OTS Medium provides a stable, hydrodynamic mounting solution that swings forward out of the water for transit. Its repeatable deployed stop helps the sensor return to the same working position without recalibration, while an adjustable safety slip clutch helps protect the system from excessive impact or drag loads.

REPEATABLE POSITIONING

Returns to the same deployed position after raising and lowering.

HYDRODYNAMIC PROFILE

Rigid mast profile supports stable, low-vibration sonar data collection.

INTERNAL CABLE ROUTING

Sensor cables route through the center of the pole for a clean installation.

SAFETY SLIP CLUTCH

Adjustable clutch releases when excessive torque is applied to the pole.

PORT OR STARBOARD

Convertible configuration supports installation on either side of the vessel.

GNSS/GPS READY

Prepared for an optional antenna mast and antenna extension.

MULTIBEAM SONAR | **HYDROGRAPHIC SENSORS** | **TEMPORARY OR PERMANENT INSTALLATION**

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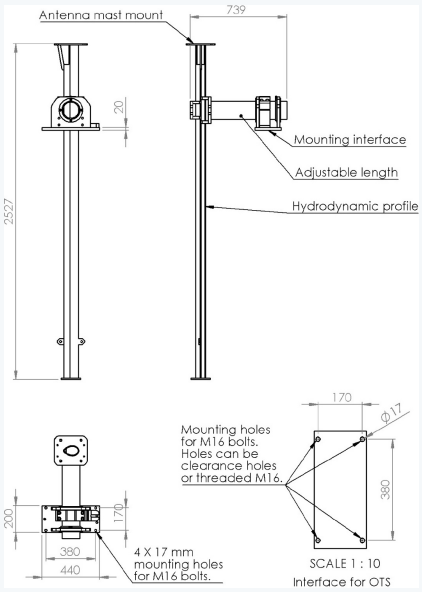
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TECHNICAL SPECIFICATIONS

C4R OTS MEDIUM

Nominal pole length	8.2 ft (2.5 m)
Approx. overall length	8 ft 3.5 in (2,527 mm)
Approx. outboard reach	29.1 in (739 mm)
System weight	83.8 lb (38 kg)
Base envelope	17.3 x 7.9 in (440 x 200 mm)
Vessel interface pattern	6.7 x 15.4 in (170 x 390 mm)
Mounting holes	4 x 0.67 in dia. (4 x 17 mm dia.)
Recommended fasteners	M16 bolts
Construction	Hard-anodized, seawater-resistant aluminum
Cable routing	Internal through pole
Installation side	Port or starboard configurable

INSTALLATION ENVELOPE



Dimensions shown in the source drawing are metric.

STANDARD FEATURES

- Adjustable pole height and pitch
- Locking system for raised and deployed positions
- Repeatable deployment position
- Adjustable outboard reach
- Prepared interface for GNSS/GPS antenna mast
- Low-maintenance marine construction

AVAILABLE OPTIONS

- Inboard tilt when retracted
- Antenna mast
- Antenna mast extension
- Waterline locking/support point
- Custom configurations on request

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Specifications are based on C4R OTS Medium Operation & Installation Manual v1.1 and are subject to change.
Vessel mounting structure and installation must be evaluated for the intended application.