The Seastar™ 3610 DGNSS Receiver gives access to the full range of Seastar services for Dynamic Positioning and other marine applications.

**AN INTERNET COMPATIBLE DGNSS RECEIVER**

The 3610 is an L-Band receiver capable of receiving and outputting a range of DGNSS corrections to an external GNSS (Global Navigation Satellite System) navigation sensor. The type and level of service available will depend upon the specification of the external navigation sensor.

Signal reception can be either by dedicated omnidirectional antenna or via the ship’s Inmarsat antenna. Interface to the ship’s Inmarsat terminal may require use of a coupler (Inmarsat B terminals) or by direct connection to an L-Band output on compatible Inmarsat terminals.

Unlike earlier models, the 3610 is capable of simultaneous tracking of two Fugro broadcast satellites.

The 3610 also benefits from IP data compatibility via a LAN for receipt of back up DGNSS data from the vessel VSAT terminal or other communications system and has a web interface for configuration.

Power is via an external AC/DC Power Supply Unit.

**HIGH PERFORMANCE SERVICE COMPATIBILITY**

The Seastar™ 3610 DGNSS receiver can be subscribed to the various DGNSS services offered by Fugro. The receiver can be monitored and configured via the front panel display and keypad, or via a web interface.
**TECHNICAL SPECIFICATIONS**

**Receive Frequency**
1525 - 1559 MHz

**Connectors**
- RF input to receiver: TNC female
- Power Connector: Hirose LF07WBR-6P male
- Ethernet connector: RJ45
- Serial connectors: 9-pin DSub female

**Data input and output**
- Two serial ports: A and B
- Electrical interfaces: RS-232 and RS-422
- Baud rates: 2400 – 115 200
- Serial data format: N,8,1

**Ip interface**
- Protocol: NTRIP

**Power**
- Voltage: 9-24 VDC
- Power consumption: < 12W

**ENVIRONMENTAL SPECIFICATIONS**

**Enclosure material**
Aluminium

**Enclosure Protection**
IP-22

**Operating temperature range**
-5 to +55°C

**Recommended operating temperature range**
+20 to +25°C

**Operating humidity**
Max. 95% non-condensing

**Storage temperature range**
-20 to +65°C

**Storage humidity**
Less than 55%

**PHYSICAL DIMENSIONS**

**Width**
109.5 mm

**Height**
65 mm

**Depth**
253 mm

**Weight**
0.8 mm

**Color housing**
Clear anodizing

**COMPASS SAFE DISTANCE**

**Steering magnetic compass**
0.2 m

**Standard compass**
0.4 m

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**INFORMATION TO INMARSAT**

**SATELLITE POSITIONING**

**SPOT SYSTEM**

Additional items:
3610 Mounting Bracket
3610 User Manual

System Diagram

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