



LONG ENDURANCE
HYDROGRAPHIC
UNCREWED
SURVEY VESSEL
(USV)

Operate Longer. Survey Further

SQ30 is a 9-metre-long monohull USV delivering persistent survey capability for maritime defence missions, extending hydrographic reach from the littoral into the open ocean.

Combining long endurance with dual multibeam (e.g Norbit or Kongsberg) echosounders, SQ30 provides naval forces with high-quality hydrographic data to support sustained maritime operations wherever they are required.

OFFSHORE CAPABLE

Conduct autonomous survey operations from coastal waters to the open ocean, extending seabed awareness wherever deployed naval forces operate.

ONE HULL, DUAL SONARS

The SQ30's monohull configuration integrates dual COTS multibeam echosounders to support shallow to deep water missions without the need to swap out payloads.

EXPEDITION READY

Deploy from mission bays, ISO containers or harbours to support hydrographic survey, Rapid Environmental Assessment, reconnaissance and scientific





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SQ30 SPECIFICATIONS

Physical / Performance

Length	9000 mm
Height	1500 mm inc. mast (exc. subsurface payload)
Weight	Approx 4,500 kg
Propulsion	Dual Nanni waterjet
Endurance	Approx 300 hours at 1,000 rpm
Seakeeping	Up to SS 6

Payload / Perception

Moonpool	Yes
Sensor winch	Yes
SonarS	Capacity for dual MBES Multiple manufacturers supported
Camera options	Flir M364, M400, M500, Safran Vigy Observer HD

Navigation / Safety

INS, GNSS, Radar, LIDAR,	Yes
AIS	Yes

Communications

4G	Dual Sim 4G
Interoperability	IP-MeshRadio DTC NetNode (50km+ range) Fleet communication
SatCom options	Starlink, Iridium

MISSION ADVANTAGES

Extend Fleet Reach

SQ30 enables naval forces to conduct autonomous hydrographic surveys across coastal waters and the open ocean without tasking a dedicated, crewed survey vessel. Long endurance and expeditionary deployment allow commanders to establish hydrographic awareness over wider operating areas, supporting freedom of navigation, amphibious landing planning, mine clearance and environmental assessment to guide disaster relief efforts.

From Coast to Ocean

As standard, SQ30 is equipped with Kongsberg EM2042 and EM712 multibeam echosounders to provide continuous hydrographic capability from shallow littoral waters to deeper offshore environments. This complementary sensor configuration enables commanders to undertake high-resolution coastal surveys and wide-area seabed mapping from a single platform, reducing cost, mobilisation time while maximising force capability.

Ready to Deploy

SQ30 forms the centrepiece of a deployable hydrographic capability that can accompany naval forces wherever operations require. Delivered with mission control, secure communications and survey sensors, it enables commanders to establish hydrographic awareness rapidly in support of maritime operations, humanitarian response and expeditionary deployments.

Command your space

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