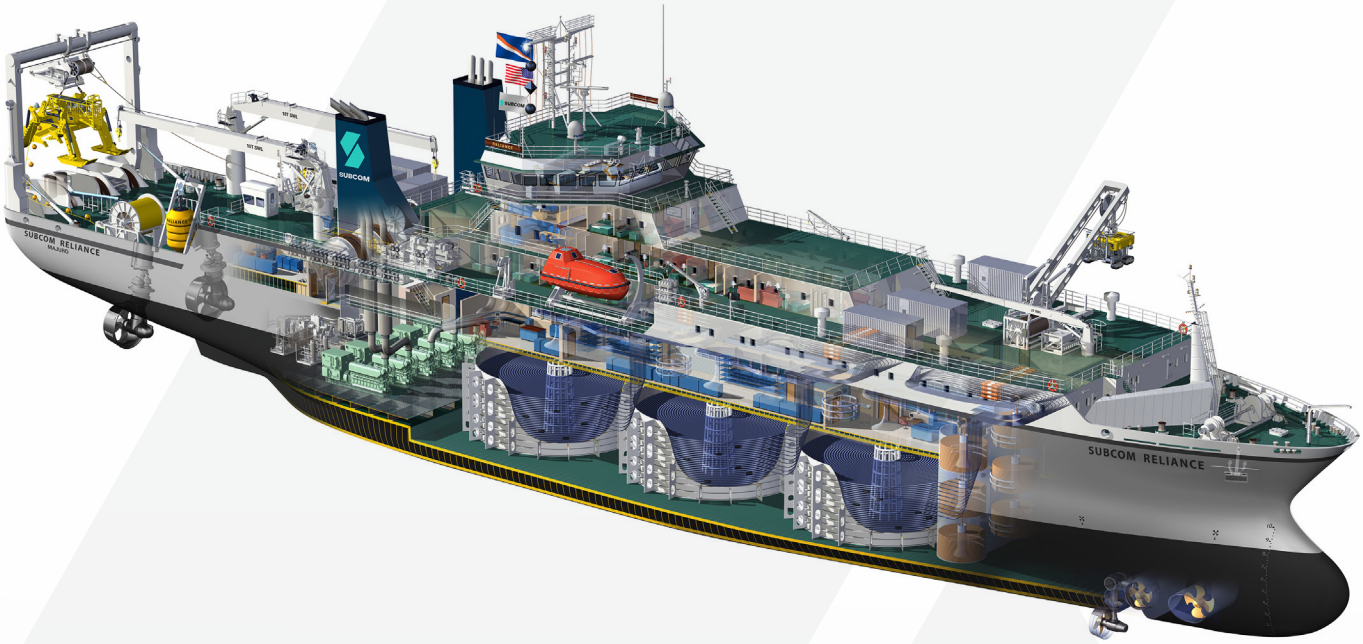


RELIANCE CLASS

VESSEL SPECIFICATIONS

The six “Reliance Class” vessels are the heart of the SubCom cable ship fleet. Specifically designed and constructed for cable maintenance and construction, these are the most versatile cable ships in the industry.

At 140 meters in length, these powerful, dynamically positioned vessels are capable of sustained cable operations in harsh weather conditions. Each vessel is outfitted with a cable trenching remotely operated vehicle (ROV) and either a 1.5 meter or 3 meter burial depth capable seaplow system. VSAT communications equipment ensures that broadband connectivity is available to her crew while the vessel is deployed. The unique arrangement of twin cable drums and a linear cable engine provides the redundancy and flexibility to install and repair any existing cable system.

Our crews are comprised of highly trained and experienced merchant mariners, submersible engineers, and cable operations staff. In addition to typical cable construction and maintenance activities, these ships provide excellent platforms for trenching, mattressing, and salvage operations.

SubCom engineers, manufactures, and installs subsea fiber optic data cables - the unsung heroes of global communication. With an unrelenting focus on quality, reliability, and value, SubCom offers flexible end-to-end building blocks for the high-tech networks that are the backbone of the world's digital infrastructure. Since 1955, SubCom has deployed enough cable to circle the equator more than 21 times.

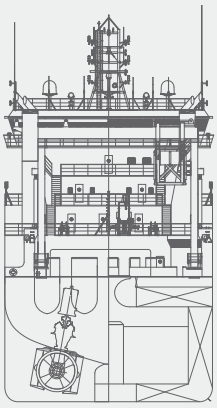
Our Reliance Class Cable Ship Fleet

SubCom Reliance
SubCom Dependable
SubCom Responder
SubCom Decisive
SubCom Resolute
SubCom Durable

SUBCOM®

RELIANCE CLASS

VESSEL SPECIFICATIONS



General Specifications

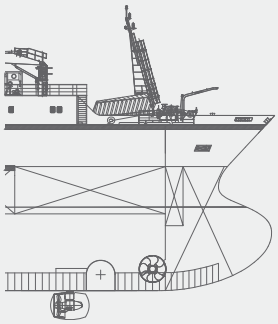
YEARS BUILT	2001–2003
RANGE	25,000 nautical miles or 60 days
ACCOMMODATIONS	80 personnel (crew and passengers)
SERVICE SPEED	13.9 knots
LENGTH OVERALL	139.1 m (456 ft)
MOLDED BEAM	21.0 m (69 ft)
SUMMER DRAFT	8.4 m (26.88 ft)
GROSS REGISTERED TONNAGE	12,184 MT
DEADWEIGHT	9,200 MT
CLASSIFICATIONS (ABS)	+A1, E, +ACCU, +AMS, +DPS–2, NBLES

Vehicle Support

ROV	Perry Slingsby Systems ST200 (150 kW) or SMD CMROV (300 kW) rated to 2500 MWD
SEA PLOW	Various sea plow systems manufactured by SMD and IHC EB supported by an ODIM 60MT towing traction winch on Reliance and an 80MT winch on Dependable, Responder, Resolute, Durable and Decisive

Capacities

CABLE CAPACITY (TOTAL)	5465.5 MT (3 tanks, 1822 MT to 2947.7 MT max. per Tank) liquid load dependant
CABLE CAPACITY VOLUME	3415.8 m^3 (1138.6 m^3 max. per Tank)
ROPE TANK CAPACITY	144 MT
FRESH WATER	446 MT
FUEL OIL	3076 MT
WATER BALLAST	4651 MT
AUTOMATION CONTROL	S.V.C.
SOFTWARE TOOLS	WinFrog, Makai
MINIMUM LAY CABLE BEND RADIUS	1.5 m
REPEATER MAXIMUM DIAMETER	380 mm
MAXIMUM SIZE OF SPLICE BOX IN THE SHARE	150 mm
CABLE DIAMETER	15–150 mm
MAXIMUM SIDE SLOPE OF THE SEABED	20°
MAXIMUM UP/DOWN SLOPE OF THE SEABED	30°

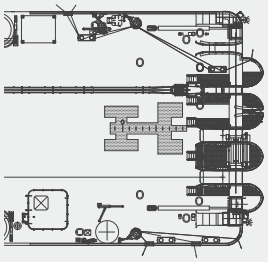


Propulsion & Maneuvering Equipment

TYPE	Rolls–Royce Diesel Electric Generating Set
MAIN ENGINES	5 × KRGB–9 Ulstein Bergen 1990 kW each
FWD BOW THRUSTER	1 × Ulstein – 1700 kW / 0 – 900 rpm
SWING DOWN THRUSTER	1 × Ulstein – 1700 kW / 0 – 1800 rpm
AZIMUTHING STERN THRUSTERS	2 × Ulstein – 3100 kW / 0 – 720 rpm
DYNAMIC POSITIONING	Kongsberg Simrad SDP 22 DP, Dual Redundant System

Cable Handling Equipment

AMPLIFIER STORAGE	150 bodies in climate controlled environment
STERN LINEAR CABLE ENGINE	1 × ODIM, 20 wheel pair, and 16 ton capacity / Cable speed: 0–8 knots
STERN DRUM CABLE ENGINES	2 × ODIM cantilever mounted, 4.0 meter diameter drum; 30 ton lifting capacity
DYNAMOMETERS	3 × WAMAC Roller Type and Load Cells
DRAW OFF / HOLD BACK	2 × ODIM, 4 wheel pair, 4 ton capacity
STERN SHEAVES	1 × 30 ton, Ø3.5 m, 0.6 m 2 × 50 ton, Ø3.5 m, 1.15 m 80 ton sheave, 46 mm towing wire
A–FRAME	1 × 60 ton box beam construction
DECK CRANES	2 × 10 ton SWL (port, stbd) Dreggen Crane Type DKT300–10–25M
BUOY HANDLING DAVITS	2 × 10 ton, suitable for steel or modular buoys
CABLE CONTROL & DATA INSTRUMENTATION SYSTEM	Honeywell – fully integrated with ODIM System



Data provided for comparison purposes only. Complete system specifications available on request.

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