



BOLD ENDEAVOUR Cablelaying vessel



Owner	Global Marine Systems
Yard number	977
Dimensions	
Length overall	129.81m
Length between perpendiculars	110.31m
Breadth	22m
Depth main deck	11m
Design draught	6.25m
Scantling draught	6.75m
Deadweight	
Deadweight at design draught	7,184 tonnes
Deadweight at scantling draught	8,376 tonnes
Speed	
Trial speed at design draught	13.5 knots
DP system	DP1
Cable capacity	
Four cable tanks	
Total cable capacity	5,500 tonnes
Cable machinery	
<ul style="list-style-type: none">• one 4m AC motor driven drum engine• one 4 wheelpair draw off/hold back engine• one drum/DOHB/diverter powerpack• one 21 wheelpair linear cable engine.	
Stern sheaves	
<ul style="list-style-type: none">• two stern sheaves for cablelaying, diameter 3m• one plough towing sheave• one umbilical chute.	
Work deck	
Area partly sheltered work deck	1,180m ²
Area open work deck	300m ²
Load capacity	5 tonnes/m ²
Locally	10 tonnes/m ²

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Lifting gear

One telescopic crane
Safe working load
Radius

4.6mt
24m

Two provision cranes
Safe working load
Radius

2mt
11m

One A-frame
Safe working load

35mt

Two gantry cranes
Safe working load

5mt

Thrusters

Azimuth thrusters (aft), fixed pitch propeller
Tunnel thrusters (fwd)
Tunnel thruster (aft)

2x 2,200kW
3x 1,335kW
1,335kW

Maximum bollard pull 60 tonnes with 0.5 knots forward speed

Stabilising system

One passive stabilising tank

Machinery

660 Volt 60Hz low voltage for propulsion/thruster motors,
440/220 Volt 60Hz for other systems.

Four main generator sets

Diesel engine

Maximum output
Engine speed

2,790kW
900rpm

Alternator

Maximum output
Speed
Voltage
Frequency

3,350kVA
900rpm
660 Volt
60Hz

Accommodation (all cabins with own private facilities)

Captain class	3 cabins	3 people
Officer	32 cabins	32 people
Crew (double)	13 cabins	26 people
Total accommodation	48 cabins	61 people



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