

DC ELTRON CLB

9,000 MT + 2,500 MT Dual Carousel | DP2 Cable Lay Barge

A self-contained DP2 platform for export, interconnector and inter-array cable installation campaigns — ultra shallow-water capable and beaching ready, with a complete integrated cable lay spread.

9000 MT + 2500 MT

DUAL CAROUSEL CAPACITY

DP2

STATION KEEPING · 360°

114.3 m

LENGTH OVERALL

103 MT

BOLLARD PULL (COMBINED)

70 POB

ACCOMMODATION · ENSUITE

30 DAYS

ENDURANCE

ABOUT THE VESSEL

DC ELTRON CLB is a DP Class 2 cable laying barge equipped with dual carousels (9,000 MT and 2,500 MT), cable lay tensioners, CPS handling system, railed quadrant handling system, and a 4-point mooring system. The vessel features four independent diesel-driven azimuth thrusters providing 360° station-keeping. With accommodation for 70 personnel and 30-day endurance, DC ELTRON CLB delivers a self-contained platform for complex subsea cable installation campaigns.

- **Dual carousel cable storage** — 9,000 MT + 2,500 MT with direct electric drive and fibre optic capability
- **2 × electric cable lay tensioners** — 40–400 mm cable capacity, 2 × 20 MT, articulated top tracks
- **Railed quadrant handling system** — 5 m MBR quadrant, 40 m track, motion compensated
- **CPS handling system** and 40 MT knuckle boom main crane + 2 × telescopic auxiliary cranes
- **4 × azimuth thrusters + 4-point mooring** — flexible station keeping in DP2 or moored mode

GENERAL

Name	DC ELTRON (Prev. SFE ADVENTURER)
Class Notation	ABS, A1 , Cable Laying Barge, DPS-2, DBC, SPS
Additional Notations	BWT+, CRC(OC-PL, SP), SPS, UWILD
Flag	Marshall Islands
IMO No.	1124449
Call Sign	V7A6950
Year Built	2025
Port of Registry	Majuro
Official No.	11316

PRINCIPAL PARTICULARS

LOA	114.30 m
LBP	108.75 m
Breadth, Moulded	36.60 m
Depth	6.10 m
Depth, Working Deck	9.60 m
Design Draft	4.75 m
Deadweight	9,814.6 MT
GRT / NRT	10,758 / 3,227
Builder	Jiangsu Huatai Shipbuilding

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DECK & TANK CAPACITY

Main Deck	25 T/m ²
Ballast	9,930 m ³
Fresh Water	400 m ³
Fuel Oil	705 m ³
Sewage Holding	144.40 m ³

MOORING SYSTEM

Moorings Winch	4 × 50 MT
Brake Load	75 MT
Anchor	Delta Flipper, 4 × 7 MT
Wire Rope	42 mm × 1,250 m
Auto Tension	Yes

POWER GENERATION

Main Generator	3.87 MW (3 × 1,290 kW Cummins)
Engine Type	4-stroke, 1,800 RPM
Primary Voltage	440V / 3Ph / 60Hz
Emergency Gen.	1 × 120 kW, 440V, 60Hz
Switchboard	440V, 2-bus split
Power Mgmt	PLC + DEIF PPM 300

THRUSTER SYSTEM

Azimuth Thrusters	4 × Thrustleader TLAT2000DM
Engine	Cummins K50-M, 1,491 kW ea.
Bollard Pull (Est.)	103 MT (combined)
Arrangement	Deck-mounted, 360°

DP SYSTEM

Capability	DPS-2 (TRICON DP2)
Controls	2 × WS + 1 × Joystick
DGNSS	2 × DGPS/GLONASS
Laser PRS	1 × CyScan
Gyro	3 × TSS Meridian
Wind Sensor	3 × Gill Observer 2
VRU	3 × Pitch VRU

MAIN CAROUSEL (9,000 MT)

Outer / Inner Dia.	32 m / 10 m
Basket Height	6.75 m
Cable Diameter	50 – 400 mm
Drive	Direct Electric
Speed	0 – 1,200 m/hr
Loading Arm	5.0 m MBR Gooseneck, 3 MT LCE
Fibre Optic	Yes

SECOND CAROUSEL (2,500 MT)

Outer / Inner Dia.	17.4 m / 6 m
Basket Height	6.75 m
Cable Diameter	50 – 350 mm
Drive	Direct Electric
Speed	0 – 1,200 m/hr
Loading Arm	5.0 m MBR, 2 MT LCE
Fibre Optic	Yes

CABLE LAY TENSIONER

Tensioners	2 Units, Electric Drive
Cable Capacity	40 – 400 mm
Track Length	4 m
Speed	0 to 20 m/min
Capacity	2 × 20 MT max, 2-track
Type	Articulated Top Tracks

QUADRANT HANDLING

Quadrant MBR	5 m
Track Length	40 m
A-Frame / Winch	20 MT each
Motion Comp.	Yes

CRANE SPECIFICATIONS

Main Crane	40MT/8M; 8MT/35M CT
Type	Knuckle Boom
Drive	Electro-Hydraulic
Man-riding	Yes
Aux Cranes (× 2)	20MT/4M; 3MT/20M
Aux Crane Type	Telescopic

RESCUE & SAFETY

Lifeboats	2 × 40 person enclosed
Liferafts	8 × 20 person
Rescue Boats	2 × 3 person

NAVIGATION EQUIPMENT

X-Band Radar	JRC JMR-9225-9XN
S-Band Radar	JRC JMR-9230-SN
ECDIS	2 × JRC JAN-9201
Gyro Compass	3 × TSS Meridian
Echosounder	Echotrac E20
VDR	Fitted
BNWAS	Fitted

COMMUNICATION EQUIP.

VSAT	Fitted
Inmarsat FBB	Fitted
MF/HF SSB	Fitted
GMDSS VHF	Fitted
Navtex	1
AIS	1
EPIRB	Satellite type
SART / SSAS	Fitted

ACCOMMODATION

Total	70 Pax (ensuite)
State Class	4 pax
Officer Class	6 pax
Crew Double	2 × 30 pax
Hospital	Per SPS Code
Endurance	30 days