

DC ELTRON CLB

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

ABS DPS-2+

⌘A1 CABLE LAYING BARGE

BUILT 2025

CAROUSELS 9,000 / 2,500 MT	TENSIONERS 2 x 20 MT	DP CLASS DPS-2+ ABS	POB 70 pax • SPS Compliant	ENDURANCE 30 days
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GENERAL

Name	DC ELTRON (ex 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

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. Four independent diesel-driven azimuth thrusters provide 360° station-keeping and self-propelled transit of 6–7 knots (estimated). With accommodation for 70 personnel and 30-day endurance, the vessel is a self-contained platform for complex subsea cable installation campaigns.

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CAPABILITIES

 APPLICATION Offshore Wind Farms IAC and export submarine cables	 READY Shallow Draft & Beaching 4.75 m draft for nearshore and landfall	 CONFIGURABLE HVDC Cables HVDC export cable installation	 CONFIGURABLE Vertical Injector & Jetting Sled Cable burial spreads	 CONFIGURABLE Rock Bag Installation Cable and asset protection	 CONFIGURABLE Reel Drive & Flexibles Reel drive system and flexible installation	 READY ROV & Survey ROV and survey spread support	 CONFIGURABLE Walk to Work W2W gangway integration
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DECK CAPACITY

Main Deck	25 t/m ²
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TANK CAPACITY

Ballast	9,930 m ³
Fresh Water	400 m ³
Fuel Oil	705 m ³
Sewage Holding	144.40 m ³

MOORING SYSTEM

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

POWER GENERATION

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

ACCOMMODATION

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

PROPULSION & THRUSTERS

Azimuth Thrusters	4 x Thrustleader TLAT2000DM
Prime Mover	Cummins K50-M, diesel, 1 per thruster
Rated Power	4 x 1,491 kW (5,964 kW total)
Bollard Pull (Est.)	103 MT combined
Arrangement	Deck-mounted, 360°
Transit Speed*	6-7 knots (Estimated)

DP SYSTEM

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

NAVIGATION EQUIPMENT

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

* Self-propelled speed is an estimate based on calculation only (calm water, design draft, all four thrusters). Self-propulsion is limited to in-field and within-port transits; the vessel is not intended for international voyages under its own power.

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/h
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/h
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 – 20 m/min
Capacity	2 x 20 MT max, 2-track
Type	Articulated top tracks

RESCUE & SAFETY

Lifeboats	2 x 40 person, enclosed
Liferafts	8 x 20 person
Rescue Boats	2 x 3 person

QUADRANT HANDLING

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

MAIN CRANE

SWL	40 MT @ 8 m; 8 MT @ 35 m CT
Type	Knuckle boom
Drive	Electro-hydraulic
Man-riding	Yes

AUXILIARY CRANES

Aux Cranes (x 2)	20 MT @ 4 m; 3 MT @ 20 m
Type	Telescopic

COMMUNICATION EQUIPMENT

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