

Construction Support Vessel

Orient Trailblazer (2027)

- 130 Berths in 1-man and 2-man cabins
- DPS-2 Class Positioning System
- Built Norway, 2027
- 250 MT AHC Main Crane
- DNV Comfort Class V(3)C(3)
- 1,200 m^2 Deck Space
- Helideck (option)
- SPS and IP Code Compliant
- Twin ROV Hangers
- CTV Boat Landing with Crane

The First Choice for Marine Solutions in Asia Pacific

For further information, please contact:
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Dong Fang Offshore Co., Ltd.
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Vessel particulars are believed to be correct but are given entirely without warranty.
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The next generation of Construction Support Vessels for the APAC energy industry

This new series of DFO CSVs represents the next generation of offshore construction assets purpose-built for the rapidly evolving energy market in the Asia-Pacific region. Engineered to deliver exceptional versatility and performance in the complex offshore environments of Taiwan, Korea, Japan and Australia amonst others, the vessel is able to support the following workscopes:

- Cable installation and repair
- Cable burial utilizing jetting and cutting tools
- Subsea inspection and intervention campaigns
- Foundation installation campaigns, for example completing pile cleaning and stopper cutting works
- Offshore accommodation and walk to work scopes
- Subsea module handling
- Geophyiscal and geotechnical survey campaigns
- Offshore decommissioning and salvage scopes

With large subsea lifting capability and ample accommodation, this CSV is optimized to meet the growing demands of offshore wind, power cable, and offshore energy projects in APAC.

A Flexible Tool for Cable Installation and Repair, Subsea and Topside Operations

The VARD 3 39 CSV is a multi-role platform designed to perform a wide variety of tasks across the offshore project lifecycle. Its flexible configuration enables smooth transition between cable laying and repair, subsea construction, IMR (inspection, maintenance & repair), and topside support activities. The vessel's key features include:

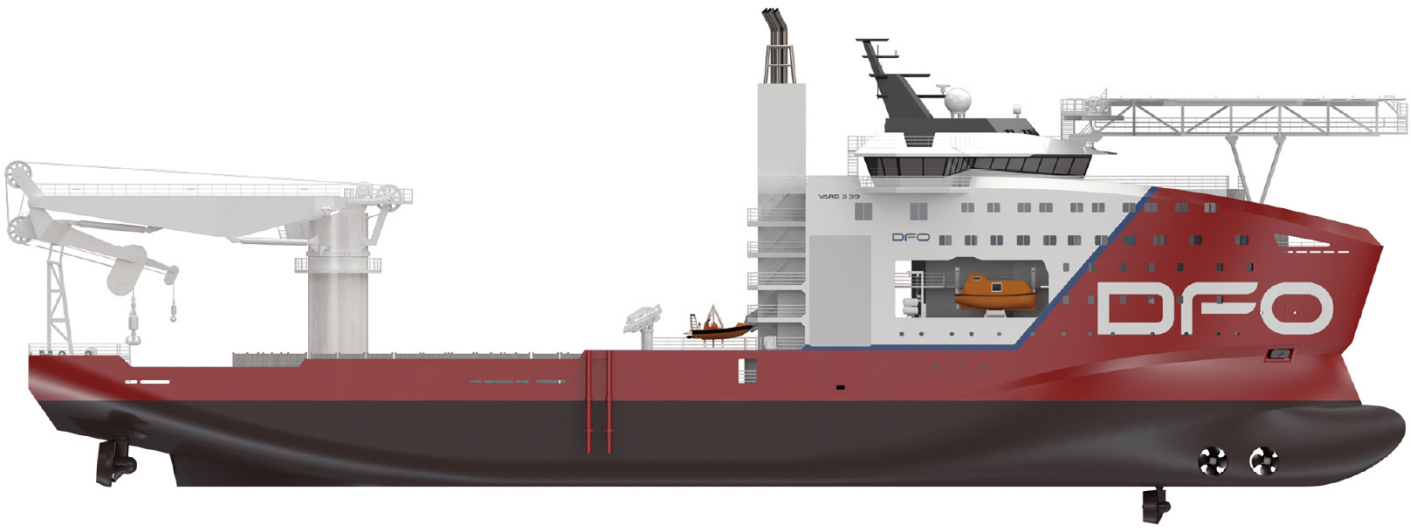
- A large, unobstructed deck area with easily removeable bulwarks designed for multiple mission profiles
- State-of-the-art DP2 dynamic positioning for precise station-keeping during critical subsea operations, with triple redundant controllers
- A high-capacity offshore crane suitable for heavy lifts and complex construction activities paired with space for two work class ROVs in hangars
- An under-deck carousel of 2,500 MT that can be paired with our modular cable lay spread and ROVs for subsea cable installation scopes

These capabilities allow the vessel to serve as a cost-effective and efficient solution for developers and contractors executing complex offshore projects requiring a combination of cable, subsea, and topside works.

A Strong Local Operator and Setup in Taiwan, Delivering Excellence Across APAC

As part of the DFO fleet, this new CSV benefits from DFO's unrivalled local presence and operational strength in Taiwan and the region — providing customers with the confidence of a long-term, stable partner with deep regional expertise. Backed by a robust local supply chain, experienced crews, and dedicated maintenance infrastructure, DFO delivers:

- Fast and efficient mobilization from Taiwanese ports, reducing project lead times and costs
- Experienced crews and on-shore teams to ensure a high service quality
- A trusted partner with years of marine construction experience in Taiwan, combined with a growing presence in key APAC offshore markets



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Principal Particulars

Flag	Marshall Islands Option: Taiwan
Built	2027
Length Overall	120.70 m
Length B.P	109.90 m
Beam	23.00 m
Depth Moulded	9.00 m
Max Draft	6.60 m
Deadweight	5,300 tons
GT / NT	TBN / TBN
DP CAP DNV ST-0111	L1: (9,7,7,6) Closed bus
Helideck	Option: Suitable for Sikorsky S92N Helicopters, compliant with CAP437, 23 D-Value, 12.8 MT

Classification

DNV 1A1 Clean(Design), COMF(V-3, C-3), DYNPOS(AUTR), E0, NAUT(OC), RECYCLABLE, CRANE, Cyber-secure (Essential), ER (SCR-Tier III), SPS, BIS, LCS
Option: HELDK(S)

Capacities

Fuel Oil	1,350 m^3
Potable Water	830 m^3
WB/DW	3,800 m^3
Deck Cargo Area	1,200 m^2
Deck Cargo	About 3,000 tons, 1 m above
Cargo Deck Load	10 MT/m^2

Accommodation

1-Berth Cabins	50
2-Berth Cabins	40
Berths – Total	130
Hospital	1
Lounge	3 x Lounges
Mess Room	1 x TBN m^2
Conference Room	1 x TBN m^2
ROV Online Room	1 x TBN m^2
ROV Offline Room	1 x TBN m^2
Client Offices	3 x TBN m^2
Gym	1 x TBN m^2
Hospital	1 x TBN m^2
Water Maker	1 x 5 MT/day evaporator 2 x 25 MT / day RO type

Machinery & Propulsion Equipment

Main Generators	5 x CAT, 2,230 eKW each
Batteries	1 x 994 kWh Battery 1 x 2,000 kW Inverter
Thrusters	Tunnel Fwd: 2 x 2,100 kW Azimuth Fwd: 1 x 2,250 kW
Propulsion Thrusters	2 x 3,000 kW Azimuth
Main Crane	1 x 250 MT Crane with under-deck winch
Auxiliary Crane	2 x 2 MT @ 12 m

Performance

Service Speed	12.5 kts
Max Speed	TBN kts
Economical Speed	10 kts

Dynamic Positioning System

Type	Kongsberg, DP2 (DPS-31)
Reference Systems	2 x HiPAP 502 1 x SpotTrack 1 x SpotScan 1 x Radius 2 x DGPS 1 x Seapath
Control	3 x Operator Stations

ROV & Moonpool

Hanger	One hanger situated aft of the accommodation area, with large door to main deck.
Doors	Port & Starboard, roller doors
Moonpool	1 can be installed, 7.2 m x 7.2 m in the carousel space

Under Deck Carousel

Capacity	2,500 MT, approx. 1,060 m^3
Inner Diameter (outside wall)	16.8 meters
Core Diameter	4 meters
Stack Height	5.5 meters
Divisions	Up to 3 divisions



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Our Services

- Offshore Renewable Energy Construction including Subsea & Cable/Flex-Lay
- Offshore Renewable Energy O&M including Crew Transfer & Walk to Work
- Vessel Chartering and Management
- Turnkey Horizontal Directional Drilling (HDD)
- Export Cable Laying Support, Cable Trenching and Burial
- Marine Mammal Observation (MMO) and Passive Acoustic Monitoring (PAM)
- Cable Storage and Logistics

Our Vessels

Flex / Cable Installation Vessels
- Orient Adventurer

Cable Installation Vessels
- Orient Deliverer (2027)

Construction Support Vessels
- Orient Constructor
- Orient Trailblazer (2027)

Service Operations Vessels
- Orient Inspirer
- Orient Innovator (2027)
- Orient Islander (2028)

Anchor Handling Tugs
- Orient 6
- Orient 7

Multi Cat
- Orient Supporter

Cargo Barges
- DF Buffalo

Crew Transfer Vessels
- Falcon No.1
- Falcon No.2
- Falcon No.3
- Falcon No.5
- Falcon No.6
- CFA No.1
- CFA No.3

