

HEA Survey



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Survey

A Subsea Support Vessel, delivered in 2024 and classed under ABS, it is designed for a range of offshore operations. It features a 25T deck crane, 350 m² of free deck space, and a FIFI system with high-capacity fire pumps and monitors. The vessel accommodates up to 48 personnel and includes essential life-saving and firefighting equipment, making it a capable and versatile platform for subsea and support operations.

General Information

Type:	Subsea Support Vessel (SSV)
Design:	VX 787
Built:	2024
Builder:	Jiangsu Islands Shipyard, China
Class & Notations:	ABS A1, ©, Offshore Support Vessel (SPS), AMS, BWT, CRC, RW
Flag:	Panama
IMO:	9750385

Principle Dimensions

Length overall LOA:	59.25m
Hull length:	55.94m
Hull breadth:	15.0m
Total beam (BOA):	15.0m
Hull depth:	6.1m
Draft:	4.6m
Deadweight:	500t
Deck load capacity:	7.0 t/m2
Main deck area:	350 m2

Generators and Machinery

Main generator:	2 x CAT C18 350kW @ 1500 rpm
Main engine:	2 x CAT 3516C 1566kW @ 1600 rpm
Emergency generator:	1 x Cummins 6CT8.3-D(M) 122kW @ 1500 rpm
Shaft generator:	2 x Cummins HCM634K2 700kW @ 1500 rpm
Water maker:	2 x 5 m3/day
STP:	50 POB

Propulsion

AFT thrusters:	2 x CPP 1565 KW @ 1600 rpm
FWD thrusters:	1 x Bow (STT001FP), 400 KW @ 1470 rpm
Service speed:	12 knots

Cranes

Main crane

Maker/ Model:	SCM Machinery YQS2240-25T-9M
Type:	Telescopic boom crane at SB
Boom length:	20m
Capacities:	25t @ 3.7m-9m - 12t @ 18m Aux; 1.5t @ 4.5m - 20m
Hooks above main deck:	Main hook: 19m Aux hook: 22m

Safety Systems

Life rafts:	6 x 25 Men
MOB/Fast rescue craft:	1 x 6 POB
FIFI system	
Fire pumps:	1 x 1,600 m3/hr
Fire monitors:	2 x 600 m3/h

Deck Equipment

Mooring system:	2 x 30T (1000m, 32mm Dia.)
Anchors:	2 x 1.4T HHP (High holding power) Chain size; 440m/ 36mm
Windlass:	1 x Electro-Hydraulic 8t @ 12m/min (36mm Dia. U2 chain)

Tank Capacity

Fuel oil:	787 m3
Fresh water:	510 m3
Ballast water:	974 m3
Endurance:	90 Days

Accommodation and Facilities

Configuration:	Current
1 Man cabins:	4 Cabins
2 Men cabins:	6 Cabins
4 Men cabins:	8 Cabins
Total POB:	48 POB

Facilities

Galley, mess room, client offices, meeting room, recreation rooms, gymnasium, changing rooms, coffee rooms, sick bay, Heli reception/ departure facilities, laundry, stores, workshops, and Starlink VSAT.