



M.V. STANFORD STAR

ANCHOR HANDLING / OIL RECOVERY / SUPPLY VESSEL

SAFETY STANDBY VESSEL / DPS-2 / FiFi-1

Issued: July 2026, Rev0

PRINCIPAL PARTICULARS

Year Built	2015
Builder	Fujian Southeast Shipbuilding Co. Ltd
Flag	The Republic of Liberia
Class	ABS /  A1, Offshore Support Vessel(AH, FFV 1, OSR-C1, SPS, Supply-HNLS, TOW),  AMS,  DPS-2, BP 70.3 Metric tonnes, HDC (5.5t/M2,Main Deck), RW, UWILD
IMO No.	9697117
Call Sign	D5ON2
Official No	18175
GRT / NRT	2267 / 680

DIMENSION

Length Overall	65.00 m
Length BP	58.50 m
Breadth Moulded	16.00 m
Depth Moulded	6.20 m
Draft	5.00 m
Lightship	2075 MT
Deadweight	193028 MT
Displacement	4005.28 MT
Deck Cargo	600 MT
Clear Deck Area	435 m ²
Deck Strength	7.0 T/m ²

SPEED

Max Speed	12.00 Knots
Service Speed	10.00 Knots

MACHINERY

Main Engine	2 x 2427 kW @ 750 RPM Niigata 8M628HX 415V/50Hz/3PH
Propulsion	2 x CPP with Kort Nozzless
Main Generators	3 x 450 kW @1500RPM Caterpillar C18 415V/50Hz/3PH
Emergency Generator	1 x 99 kW @1500RPM Cummins 6CT/6CTA-D(M)
Bow Thruster	2 x 11.9 T Thruster, approx. 800 kW Kawasaki KT-88B3 CPP (Berg BCP760)

DYNAMIC POSITIONING SYSTEM

DP Class	DP-2
DP Control System	Kongsberg K-Pos DP-21 with Kongsberg cJoy Independent Joystick *Sensors 3 x Gyro Compass 3 x MRU 3 x Anemometer
Position Reference System	2 x DGPS 1 x Fanbeam 1 x Radius

TOWING & ANCHOR HANDLING EQUIPMENT

Bollard Pull	70.3 MT
Anchor Windlass	2 x McGregor Plimsoll 10 Tons @ 12.5 m/min electro-hydraulic
Anchors	2 x 1890 kg HPP anchors
Towing / AH Winch	1 x McGregor Plimsoll - Electro-hydraulic Double Drum Waterfall 150 T @ 6 m/min (1 st layer) 100 T @ 6 m/min (5 th layer) 80 T @ 6 m/min (8 th layer) Drum: 1200m x 60mm dia / SWR @ 10 layer
Upper Drum (Tow)	60 mm Ø x 1140 m
Lower Drum (AH)	60 mm Ø x 500 m
Stern Roller	4.40 m (L) x 1.70 m ; SWL 250 MT
SharkJaws (Karm Fork)	1 x Karmoy Winch SWL 400 MT Electro-hydraulic

Specifications are provided in good faith, subject to change, and without liability for errors or omissions.

Stanford Marine LLC : 16th Floor, Single Business Tower, Sheikh Zayed Road | P.O. BOX 32456, Dubai, UAE | +971 4 3808001 | +971 4 3808015

Stanford Marine Asia Pte Ltd: 3 International Business Park, #03-18 Nordic European Centre | +65 65066100 | +65 65066101

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TOWING & ANCHOR HADNLING EQUIPMENT

Tow Pins	2 x Karmoy Winch SWL 300 MT Hydraulic
Capstan	2 x 10 T @ 15m/min Electro-hydraulic
Tugger Winch	2 x 10 T @ 15m/min Electro-hydraulic
Deck Crane	1 x Electro-hydraulic Telescopic Boom Pedestal Crane - 2 Ton @ 15 m radius

CAPACITIES

Fuel Oil	594.907 m ³
Fresh Water	447.026 m ³
Fresh Water Ballast	702.366 m ³
Cargo Fuel Oil	465.071 m ³
Mud/Brine/R.O	463.726 m ³
Dry Bulk/Cement	150 m ³
Foam / Dispersant	21.074 m ³ / 21.074 m ³
Sewage	15.805 m ³
Bilge	13.172 m ³
Freezer / Chiller	12 m ³ / 13 m ³

PUMPS

Fuel Oil	2 x 150 m ³ /hr @ 70 m head
Fresh Water	2 x 100 m ³ /hr @ 70 m head
Ballast/Drill Water	1 x 100 m ³ /hr @ 70 m head
Liquid Mud	2 x 100 m ³ /hr @ 70 m head
Bulk Cement	2 x 13 m ³ /min @ 80 psi

ACCOMMODATION (Fully Air-Conditioned)

One-Man Cabin	6
Two-Men Cabin	6
Two-Men Cabin	8
Total beds	50 Berths
Hospital	2 nos. x 1-bed cabin

AUXILIARY EQUIPMENT

Oily Water Separator	1 x 1.0 m ³ /hr Ocean clean/Boss
Sewage Treatment	1 x 50 men/day, Taixing/Taiko

NAVIGATION & COMMUNICATION EQUIPMENT

GMDSS: A1, A2, A3	
Radar	1 x FURUNO FAR-2117 X-Band
Echo Sounder	1 x FURUNO FE-700 w/ RD-22
Magnetic Compass	1 x Lilliey-Gillie-SR 4
Autopilot	1 x Anschutz Pilotstar D
Gyrocompass	3 x Anschutz Standard 22
DGPS/GPS	2 x Fugro Seastar (for DP) 1 x NSR-3000 GNSS NAVIGATOR 1 x Furuno RD-33
MF/HF Radio	1 x FURUNO FS-2575
Inmarsat-C	1 x FURUNO FELCOM-18
VHF Radio	3 x FURUNO FM8900S
Portable VHF	6 x STANDART HORIZON SUBMERSIBLE HX400
NAVTEX	1 x FURUNO NX-700A
EGC Receiver	1 x FURUNO FELCOM18
AIS	1 x Jotron Tron TR-8000
EPIRB	1 x JOTRON TRON 60 AIS
SART	1 x SAMYUNG SAR9 1 x NSR / NRT1000
Speed Log	1 x FURUNO DS 60
Anemometer	3 x GIL-Ultrasonic (Kongsberg Wind Sensor)
Loudhailer / PA	1 x JOTRON PHONTECH 1501
Satellite Phone	1 x unit – Thuraya

LIFE-SAVING APPLIANCES

Fast Rescue Boat	1 x 15 persons FRC with Davit & Winch
Rescue Boat	1 x 6 persons with Davit & Winch
Life Raft	6 x 25 persons
Inflatable Life Jackes	40 Nos.
Life Buoy's	4 Nos.
Fireman Outfits	2 nos. complete set

FIRE FIGHTING SYSTEM

FiFi Class	FiFi – 1
Fire Pump	2 x 1700 m ³ /hr @ 125 m head
Fire Monitor	2 x 100 m ³ /hr @ 12 bar
Emergency Fire Pump	1 x 45 m ³ /hr x 60 m head
Oil Dispersant System	2 x Cluster nozzles or overhang boom

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