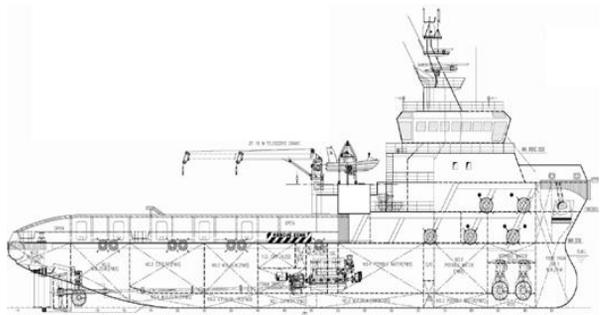


# M.V. STANFORD STAR

ANCHOR HANDLING TUG / OIL RECOVERY / SUPPLY VESSEL / SAFETY STANDBY DUTY



STANFORD MARINE



## PRINCIPAL PARTICULARS:

Built	:	2015, Fujian South East Ship Yard
Class	:	ABS
Notation	:	+A1 AH, Offshore Support Vessel (FFV 1, OSRC1, Supply HNL), TOW, (E), + AMS, +DPS-2 HDC(5.5T/m2, Main Deck), RW, SPS, UWILD
Flag	:	Liberia
IMO	:	9697117
Call Sign	:	D5ON2

## DIMENSIONS:

Length Overall	:	65.00 m
Length BP	:	58.50m
Breadth Moulded	:	16.00m
Depth Moulded	:	6.20m
Draft (max)	:	5.20m
Deadweight	:	1930.28 Ton (approx)
GRT/NRT	:	2267 / 680

## PERFORMANCE:

Max Speed	:	14 Knots
Cruising Speed	:	13 Knots
Economical Speed	:	12 Knots

## CAPACITIES:

Deck Cargo	:	600 mt
Deck Strength	:	7 Tons/m2 uniform loading
Clear Deck Area	:	435 m2 (approx.)
Fuel Oil	:	594 m3 (approx.)
Fresh Water	:	440 m3 (approx.)
FW Ballast / Drill Water	:	700 m3 (approx.)
Mud/Brine/R.O	:	460 m3 (approx.)
Cement	:	150 m3 (approx.)
Freezer / Chiller	:	10m3 / 10m3
Foam/Detergent	:	10 m3 / 10m3

## PUMPS WITH DISCHARGE RATE:

Fuel Oil	:	1 x 150 m3/hr @70 m head
Fresh Water	:	1 x 100m3 / hr @ 70m head
FW Ballast/Drill Water	:	1 x 100m3 / hr @ 70m head
Bilge / Ballast/GS/Fire	:	2 x 100 m3/hr @70 m head
Pump	:	
Bilge	:	2 x 45 m3/hr @30 m head
Bulk Cement Compressor	:	2 x 13 m3 /min @80psi

## ACCOMMODATION:

Beds	:	6 x 1 berth cabin = 6 6 x 2 berth cabin = 12 8 x 4 berth cabin = 32
Hospital	:	2x1 beds cabin = 2
All cabins fully air-conditioned & c/w attached washroom		

## Machinery:

Oily Water Separator	:	1 x 1.0 m3/hr, Ocean clean/Boss
Water maker	:	1 x 10 T/day., Sea Recovery / Peter Taboada
Sewage Treatment Plant	:	1 x50 men/day, Taixing/Taikou

## PROPULSION SYSTEM:

Main Engines	:	2 x2427kw (Niigata 8M628HX) @750 RPM
Main Generator	:	3 X 450kw diesel driven, 415V/3Ph/50Hz (CAT)
Emergency Generator	:	1 x 99kw, (Cummins)
Shaft Generator	:	2x1200kw
Bow thruster	:	2 x 11.9 Ton Thruster, approx 800kw, CPP (Kawasaki Heavy industry)
Stern Thruster	:	1 x 8 Ton Thruster .approx 515kw (Kawasaki Heavy industry)
CPP	:	BERG
Rudders	:	Independent RIQ 2 x 6 MT KINGS Type

## DECK EQUIPENT:

Anchor Windlass	:	2 x 10 Tons @12.5 m/min electro hydraulic McGregor
Drum	:	2 x Drums
Gypsies	:	suitable for 38mm Ø U2 chain
Bow Anchors	:	2 x 1890 tag HHP stockless anchor
Chains	:	2 x 330 m (L) x 38mm Ø, Grade 3ª
Capstan	:	2 x10 Tons@15m/min electro hydraulic
Tugger Winch	:	2 x10 T@15m/min electro hydraulic
Bollard Pull	:	80 T
Drum Capacity	:	250 m x 22 nm Ø
Deck Crane	:	1 x2 Ton @ 15m ( Taxin Haunan ) Towing/AH
Winch-Towing / AH	:	1 x Elec. Hyd., double drum waterfall McGregor
Upper Drum (Tow)	:	60 mm Ø x 1140m
Lower Drum Cap(AH)	:	60 mm Ø x 500m
Line Pull	:	150 Ton @ 6m/min (1st layer)
Static Brake	:	250 Ton
Stern Roller	:	4.40m (L) x 1.70 m Ø; SWL 250 mt
Lock Jaws (Karm fork)	:	1 x Hydraulic 400 SWL Karmoy
Tow Pin	:	2 x Hydraulic 160 SWL karmoy
Storage Reel	:	1 x 6 Ton @ 20 m/min McGregor

## NAVIGATION/COMMUNICATION EQUIPMENT:

GMDSS AREA A1+A2+A3	:	3 x Anschutz Standard 22 Gyrocompass
1 x Furuno Felcom-18	:	1 x Anschutz Pilotstar D Autopilot
2 x Furuno FM 900S	:	1 x lilliey-Gillie MK2000 Magnetic Compass
1 x Furuno NX-700	:	1 x Furuno FAX-408 Weather Fax
2 x McMurdo S4 SART	:	2 x Furuno DS 0/DS-60 with RD-33
1 x McMurdo E5 EPIRB	:	3 x Kongsberg Wind Indicator
3 x McMurdo RS Portable VHF Radio	:	1 X Furuno FA-150 AIS
2 x Furuno FAR2117 Radar	:	1 X Steinsohn BNWAS
1 x Furuno FE-700 w/ RD-22 Echo Sounder	:	1 X Furuno wf Panasonic Fax Machine
1 x Furuno GP-150 GPS	:	

## DYNAMIC POSITION SYSTEM:

DP 2 System Kongsberg(K-Pos 21)	:	
Joystick 1 x Kongsberg Portable Control	:	
ECDIS 1 x Furuno FMD-3200-BB	:	
Station Vessel also fitted with PA Talkback System & Self-powered Telephone	:	

## FIRE-FIGHTING EQUIPMENT:

Fifi System	:	Class 1 with water curtain all around
Fire Pump	:	2 x 1700 m3/hr@ 125m head Driven by front PTO ME
Monitors	:	2 x fire monitors
Water/Foam	:	2 x Cluster nozzles or overhang boom
Oil Dispersant System	:	2 x cluster nozzles or overhang boom
Emergency Fire Pump	:	1 x 45 m3/hrs x 60m head
BA Recharge Comp	:	1 x 75 ltrs min@bar
CO2 System in ER, Fire Alarm & Monitors	:	

## LSA:

Life Rafts	:	6 x 25, SOLAS standard, China Make
Rescue Boat	:	1 x 15 persons FRC 1 x 6 persons Rescue Boat