

STANFORD BREAM

48 M ANCHOR HANDLING TUG



BUILT:

Year Built	2009
Classification	ABS
Flag	St. Vincent
Off No. / Call sign	330999/ 9WHK9
Builder	Sea link Shipyard, Miri
Registry	Port Kingstown
Designer	Khiam Chuan, Singapore
GRT/NRT	1039/311

PRINCIPAL DIMENSION:

Length Overall	48.00 M
Length waterline	45.56 M
Length B.P.	43.77 M
Breadth Moulded	13.20 M
Depth Moulded	05.20 M
Designed Draft	04.20 M
Deck Cargo	400 T

MACHINERY / PROPULSION:

Main Engine	2 x CAT 3516 BTA c / w gear box
Output Hp	2 x 2575 BPH
Gear Box	2 x LAF 873 L
Gear Ratio	7.455/1
Fresh / Seawater pressure set	3 x Grundfos GTH-18V
Fitted Propeller	2 x ø2650x2575 CuNiAl Bronze , 4 blades
Kort Nozzle	2 x ø2650 x 12 mm Steel
Tail Shaft	2 x BCP690 X 400 Forged Steel
Intermediate Shaft	Forged Steel
Emergency Generator Cummins	3 x KTA19 DMI 380 kw
Emergency Generator	1 x Yanmar ECO 321-2L/4 , 60 KVA 2 x Max pressure 14m 100FH Flow rate 180 GPH
Racor filter	TMC spa Type SC17FM3
Working Air compressor	1 x Alfa Laval, MAB 104B-14/24
Fuel Oil Purifier	2 x Swan, FBFC -2 units FRP1051 BAA/04X2-1pc
Starting Air Compressor	Joven , JH91 , horizontal
Heater tank	Ripple plate Int.Model MT5- 1pc Hand Pump L.O
Freezer / Chiller Compressor	Compressor tank/ FO transfer Sigma Pump
HPU for deck Machinery	3 x 90KW , P4111/P3x90+1x95-SV-C
AC compressor	2 x Central A/C unit – Ripple plate-4000 Series, Type – 4008 TT
Bow Thruster	370 KW / 496 HP

PERFORMANCE:

Speed	11 Knots
Endurance	30 Days
BP	64 Tons
Range	7920 NM

PUMPS

Air-condition Cooling Pump	45 M ³ / hr Pump
Freeze / Chiller Cooling Pump	25 M ³ / hr Pump
Cooling Pump for HPU P/pack deck	25 M ³ / h
GS/ Fire pump	35 M ³ /hr
Fuel Oil Cargo Pump	130 M ³ / hr
Fresh Water Cargo Pump	100 M ³ / hr
Fire Fighting Pump	35 M ³ /hr
FIFI / Fire Fighting Pump	1500 M ³ / hr x 110m
Bilge Pump / Ballast Pump	50 M ³ /hr
Fuel Oil Transfer Pump	10 M ³ /hr
Dirty Oil Pump	2 M ³ /hr
GS/ Fire pump	35 M ³ /hr
Fuel Oil Purifier pump	MAB 104B-14/24
Chain Locker pump	Pacer Pump

TANK CAPACITY

Fuel Tanks	639 M ³
Fresh Water	235 M ³
Potable / Ballast Water	94 M ³
Lib Oil	2 Tons
Foam	12 M ³
Dispersant	12 M ³

RADIO & NAVIGATIONAL EQUIPMENT:

Magnetic Compass	SR-150 Reflector Magnetic Compass
VHF Radio Telephone	Furuno FM-8800D/8800S
Gyro Compass	Tokimec, Model TG 8000/8500
Radio Telephone	Furuno SSB FS1570, FS-2570
Autopilot	Simrad AP 50
Sound Powered Telephone System	Vingtor VSP Batteries
Navigation Radar	IMO approved Furuno , Type FR-1500 and 2nd radar model 1932 MAR-2
Public Address/Talkback System	Vingtor ETB-100/VMP 430 Talkback
Speed Log	Furuno , Model DS-80
Navtex Receiver	JMC , NT-2000
Echo Sounder	Marina, Japan, Type F-2000
Inmarsat C- SSAS	Furuno, IC-306, IC-305, LRIT built in
Global Positioning System	Furuno DGPS/ GPS GP-37/ GP-32
Automatic Identification System	Furuno Model FA-150 -1pc
Navigation Light Panel	Aqua Signal
Wind speed & Direction Indicator	Model 06206
Horn	Marco Type5.423
GMDSS Radio System	JMC , model – RT-2500
Search Light	Imax 2000 W
Main Engine Control	NMS6000 Joystick,-USA
Tracking System	Skywave DMR-200
EPIRB	GME, Model – MT403FF
Mini M	Sailor TNT TT3064A
SART	Model – S701,
CCTV- Towing winch	Gadmei TV5821E

DECK EQUIPMENT:

Anchor Windlass	4.9 T x 11 m/min
Tugger Winch	10 T x 15 m/min
Capstan	5 T x 15 m/min
Anchor Chain	34mm x 27.5m
Towing Winch	10 layer, rated pull 69 T, P411 AHTW/WF 150/200
Stockless Anchor	AC 14 HPP anchor 1080Kgs 2 pcs
Shaft Jaw	PS-350MJSJ , 350MT
Deck Crane	West Marine, 2 Ton @6.0m
Stern Roller	PC-SR/200-040/016 ø1800
Store rope reel	1000m x 56mm
Tow Pins	PS-200MTTA , 200MT
Bullard Pull	64 MT

SAFETY EQUIPMENT:

Inflatable Life raft	6 x FRN-SN20 FRP-SV-20R, 20 persons
Fire Hose/Nozzles Spray/Jet	ø11/2"x15m4pcs,China Scopes 4pcs
Life Buoys	10
Bell	12
Life Jackets C/W	50
Fire Hose Boxes	4
Line Throwing	1
SCBA	4 x Aeris SCBA 30 min
Parachute Flares	12pcs Embarkation
Rope Ladder	6m
Man over Board	2
Orange smoke Signal	2
Fireman Outfit	6
Safety Alarm/Detection System	Electrical Alarm Bell and Signal Lights and Detention System- 1set
EEBD	10 mins x 13 pcs
Fire Buckets	4
Rescue Boat	Dayfer S.L – 6 persons

FIRE FIGHTING & LSA EQUIPMENT:

External Fire Pump	1500 m ³ / hr x 110 m
CO2 FF Sys Fi	Tech Engineering Services Singapore
Fire Monitor	3000-15000 SGPm – 2 pcs
Water Spray System	Room CO2 – 15 pcs Cylinders x 45 Kgs,
H2S Detectionn	Fog/ Jet Nozzle
	Fitech Engineering

ACCOMODATION:

(Fully Air-conditioned)
Berths 40