

# M.V. STANFORD BREAM

## 48 M ANCHOR HANDLING TUG



STANFORD MARINE



### PATRICULARS:

Year Built	:	2009
Flag	:	St. Vincent and the Grenadines
Classification	:	ABS / +A1, Towing Vessel Offshore Support Vessel, AH, E, +AMS
IMO No.	:	9480746
Call sign	:	J8B4156
Official No.	:	10629
GRT/NRT	:	1039 / 311

### PRINCIPAL DIMENSION:

Length Overall	:	48.00 M
Length waterline	:	45.56 M
Length B.P.	:	42.40 M
Breadth Moulded	:	13.20 M
Depth Moulded	:	05.20 M
Designed Draft	:	04.20 M
Deck Cargo	:	400 T

### PERFORMANCE:

Max Speed	:	11 Knots
Eco Speed	:	10 knots

### CAPACITIES:

FO Tanks	:	639 m3
Fresh Water	:	190 m3
FW Cargo	:	94 m3
Lube Oil	:	6.25 m3
Foam	:	19.33 m3
Dispersant	:	19.33 m3

### PUMPS

Fuel Oil Cargo Pump	:	130 M <sup>3</sup> / hr
Fresh Water Cargo Pump	:	90 M <sup>3</sup> / hr
Bilge Pump / Ballast Pump	:	50 M <sup>3</sup> / hr
Fuel Oil Transfer Pump	:	10 M <sup>3</sup> / hr
Dirty Oil Pump	:	2 M <sup>3</sup> / hr
GS/Fire Pump	:	50 M <sup>3</sup> / hr
FIFI / Fire Fighting Pump	:	1500 M <sup>3</sup> / hr @110M head (Not Classed)

### PROPULSION SYSTEM:

Main Engine	:	2 x CAT 3516 BTA c / w gear box
Output Hp	:	2 x 2575 BPH
Generator Cummins	:	3 x KTA19 DMI 380 kw
Emergency Generator	:	1 x Yanmar ECO 321-2L/4 , 60 KVA
	:	2 x Max pressure 14m
Bow Thruster	:	4000 Series, Type – 4008 TT
	:	370 KW / 496 HP

### MACHINERY:

Gear Box	:	2 x LAF 873 L
Gear Ratio	:	7.455/1
FW/SW 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
Racor filter	:	100FH Flow rate 180 GPH
Working Air compressor	:	TMC spa Type SC17FM3
Fuel Oil Purifier	:	1 x Alfa Laval, MAB 104B-14/24
Starting Air Compressor	:	2 x Swan, FBFC -2 units FRP1051 BAA/04X2-1pc
Heater Tank Freezer / Chiller	:	Joven , JH91 , horizontal
Compressor	:	Ripple plate Int.Model MT5- 1pc Hand Hand Pump LO 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-
Range	:	7920 NM

### DECK EQUIPMENT:

Anchor Windlass	:	4.9T x 11m/min
Tugger Winch	:	10T x 150/min
Capstan	:	5T x15m/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-350MTSJ , 350MT
Stern Roller	:	PC-SR/200-040/016 ø1800
Store Rope Reel	:	Skywave DMR-200
Tow Pins	:	PS-200MTTA , 200MT
Bollard Pull	:	58 MT
Deck Crane	:	West Marine, 2 Ton @6M draft

### 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
Sound Powered Tel. System	:	VingtorVSP Batteries
Navigation Radar	:	IMO Approved Furuno, Type FR-1500 and 2 <sup>nd</sup> Radar Model 1932 MAR-2
NavTex Receiver	:	JMC, NT-2000
Echo Sounder	:	Type F-200 / Marina, Japan
Inmarsat C-SSAS	:	Furuno, IC-306, IC-305, LRIT Built in
GPS	:	Furuno DGPS-32 / 2xNSR BGR-3000
AIS	:	Furuno Model FA-150
Navigation Light Panel	:	Aqua Signal
Wind Speed / Direct Indicator	:	Model 06206
GMDSS HF/MF w/ SSB	:	NSR-NHR1500 SN 243401
Search Light	:	Imax 2000 W
ME Control	:	NMS6000 Joystick-USA
Tracking System	:	Skywave DMR-200
EPIRB	:	GME, Model MT403FF
Mini M	:	Sailor TNT TT3064A
SART	:	2xTRON SART20
CCTV Towing Winch	:	Gadmei TV5821E

### LSA EQUIPMENT:

Inflatable Life Raft	:	25 persons x 6 / FRN-SN20 FRP-SV-20R
Fire Hose/Nozzles Spray/Jet	:	ø11 / 2"x15m4pcs / China Scopes 4pcs
Life Buoys	:	10
Life Jackets C/W	:	50
Line Throwing	:	4
SCBA	:	9 x Aeris SCBA 30-45 min
Parachute Flares	:	12 pcs Embarkatin
Man Overboard	:	2
Orange smoke Signal	:	2
Fireman Outfit	:	6
Safety Alarm/Detection System	:	Electrical Alarm Bell and Signal Lights and Detention System
EEBD	:	17 x 15 min
Rescue Boat	:	Dayfer S.L – 6 persons

### FIRE FIGHTING & LSA EQUIPMENT:

External Fire Pump	:	1500 m3/ hr x 110 m
CO2 System	:	13nos cylinders/cap-45kgs
Fire Monitor	:	3000-15000 SGPM – 2 pcs Room CO2 – 15 pcs
	:	Cylinders x 45 Kgs,
	:	Fog/ Jet Nozzle

### ACCOMODATION:

(Fully Air-conditioned)

Beds	:	1 man cabin x 2 = 2
	:	2 men cabin x 1 = 2
	:	4 men cabin x 9 = 36
Hospital	:	1 bed