

5600 BHP ANCHOR HANDLING TUG SUPPLY VESSEL



BUILT	
Year:	1974
Builder:	Jacksonville Shipyard.
Call sign:	
Class:	Bureau Veritas
Official No.:	
Flag:	Panama

DIMENSIONS	
Length overall:	62.18 m
Breadth:	12.19 m
Depth:	5.03 m
Maximum Draft:	4.267 m
Gross Tonnage:	295
Net Tonnage:	201
Dead Weight:	934 mt
Deck space:	30 x 10.5 = 315 m ²
Freeboard:	0.763 m

MACHINERY	
Main engines:	(2) ALCO 12 - 251 F 5600 BHP – Total @ 900 rpm
Gear Box:	(2) LUFKIN Order No. 357433– 356433 Ratio: FWD: 4.976:1; AFT: 5.066:1
Bow Thrusters:	SCHOTTEL S 225 L
Driven by:	CAT E-343; 450 BHP
Thrust:	5.4 T
Generators:	(2) 220 KW, 480 V, 60 HZ
Driven by:	G.M. 8V-71
Propellers:	(2) 4-blades stainless steel Dia: 108 inch, Pitch: 92 inch
Deck Generators:	(1) 94 KVA at 50 Hz, 380V, 3 phase, 1500 rpm Driven by GM. 4 in line 71
Steering:	(2) stations: electro hydraulic

SPEED & CONSUMPTION	
Maximum:	13 knots 220 GPH
Cruising:	11 knots 120 GPH
Economical:	09 knots 70 GPH
Standby (Gen.only)	0 knots 03 GPH
Range at 11 knots:	9150 nautical miles
Transfer Rates	
Drill Water:	610 GPM @ 150 ft.
Fuel Oil:	610 GPM @ 150 ft.
Bulk Tanks:	175 GPM @ 150 ft.
Fresh Water:	610 GPM @ 150 ft.

CAPACITIES	
Walk in Cooler:	300 cu. ft.
Walk in Freezer:	300 cu. ft.
Deck Cargo:	530 tons
Fresh Water:	340 cu.m
Fuel Oil:	378 cu. m
Lube Oil:	19 Mt
Bulk tanks (4) total:	120 cu.m
Stateroom:	(1) 1-man (4) 2-man (3) 4-man
Galley Seating:	8 persons
Certified to carry:	22 persons
Climate control:	(2) Parallel units 10 tons total capacity

ACCOMMODATION	
Stateroom/berths:	8/22

DECK EQUIPMENT	
Anchors:	(2) 2000 lb Danforth
Chain:	1 (stbd) 1080 of 1.1/2" 1 (port) 1080 ft of 1.1/2"
Anchor windlass:	New England TRAWLER; NE 1468 (hydraulic)

Winch:	SMATCO Double-Drum
Model:	72 DAW – 250 Waterfall
Line Pull:	350,000 lbs
Capacity:	3,500 ft x 2.25"
Bollard Pull:	52.5 tons
Tugger Winches:	(1) electro-hydraulic – 5 tons (1) electro-pneumatic - 7 tons
Stern Roller:	5 ft. x 8 ft.

NAVIGATION /COMMUNICATION	
GPS:	GARMIN Taiwan - GPS - 128
Radar:	(1) FURUNO FR 810 D (1) Marine Radar JMA 2213
Radio (s):	(1) SSB: SEA 222 (2) VHF: SAILOR 2048
Auto Pilot:	DECCA 752
Gyro compass:	SPERRY MARK 37
Fathometer:	Data Marine D3001 Model International Offshore
Watch Receiver:	SAILOR AALBORG Denmark R501
Wind Indicator:	Portable DEUTA-ANEMO

FIRE FIGHTING / SAFETY / SPECIAL EQUIPMENT	
▪	One fire pump @ 1200 m3/h – (2) monitors
▪	Welding machine: 250 amps.0.
▪	Rescue boats
▪	Sewage Treatment Plant
▪	Dispersant system
Safety equipment in accordance with SOLAS	

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE