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SUSANNA ANCHOR HANDLING TUG

GENERAL:

Built	GAC Marine & Engineering- U.A.E., 2004
Flag	Panama
Class	X I 3/3 E. B.V.

MAIN DIMENSIONS:

Length Overall	49.50 m
Beam Moulded	13.60 m
Depth Moulded	6.40 m
Draft (Max)	5.59 m
Free Deck Space	205 m ²

TONNAGE:

GRT	1148 tons
NRT	344 tons
DWT	974.96 tons

MACHINERY:

Main Engines	2 x Wartsila W6 L32
Break Horsepower	8,000 BHP
Generators	3 x 240 Kw
Bow Thruster	650 hp, 7 tons thrust
Stern Thruster	400 hp, 5 tons thrust
Propulsion	2 x CPP Propellers in kort nozzles
Rudders	2 x independent / synchronized

SPEED & CONSUMPTION:

Maximum Speed	14.5 knots
Service Speed	12 knots
Consumption	9t/24H Free Running 18t/24hrs Towing

TANK CAPACITIES:

Marine Gas Oil	741.10 m ³
Potable Water	337.4 m ³
Ballast Water	359.9 m ³

ACCOMMODATION:

Air-conditioning	Fully air-conditioned
Walk-in cooler	9.70 m ³
Walk-in freezer	9.10 m ³
Berths	15x crew, 17x passenger Total 32

TOWING & A/H EQUIPMENT

Bollard Pull	110 tons
Anchor Winch	D.D. Waterfall 200T @ 7m/min, 30 T @ 40M/min Breaking load 280 tons
Wire Dimensions	1200m x 64mm
Stern Roller	SWL 250 tons, (L) 4.3m x (D) 2.3m
Shark Jaws	Retractable SWL 300 tons
Towing Pins	Retractable with horizontal locking tops
Tugger Winch	2 x 15 tons / wire dimension, 38mm x 300m
Anchor Windlass	1 wire drum and Smit bracket SWL 150 ton

RADIO & NAVIGATION EQUIPMENT:

GMDSS	Sailor 4000
Radar	2 x Decca Bridgmaster
Gyro Compass	Anschutz STD-20
Auto Pilot	Anschutz Pilot Star D
DGPS	Koden KGP 931D
Echo Sounder	Skipper ED 161
Navtex	JMC NT 900
EPRIB	MC Murdo E3
AIS	CNS System

Fifi SYSTEM:

Fire Monitor	2 x 20,000 LPM (FiFi 1)
Pump Capacity	2 x 1500m ³ /h at 14 Bar
Horizontal Throw	120 m
Foam Capacity	14.5 m ³
Detergent Capacity	14.5 m ³

MISCELLANEOUS

1 x Water Cargo Pump 70m³/h @60mH,
1 x Sewage Treatment System
1 x F.O. Cargo Pump 90m³/h @ 48mH
Spare tow wire 1100 m x 64 mm
Silencers equipped with spark arrestors
Hydraulic knuckle boom crane – 9 m / 2.1 T capacity
3 m / 6.5 T capacity
Oil dispersing system
Lifting points fitted at stern for emergency propeller
repairs, etc.

This vessel specification is given in good faith and assumed to be correct but is not guaranteed

August 2010