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## SUSANNA ANCHOR HANDLING TUG

### GENERAL:

Built	GAC Marine & Engineering- U.A.E., 2004
Flag	Panama
Class	✱ 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 <sup>2</sup>

### 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	14t/24H Free Running 17t/24hrs Towing

### TANK CAPACITIES:

Marine Gas Oil	530.0 m <sup>3</sup>
Potable Water	337.4 m <sup>3</sup>
Ballast Water	359.9 m <sup>3</sup>

### ACCOMMODATION:

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

### TOWING & A/H EQUIPMENT

Bollard Pull	110 tons
Anchor Winch	D.D. Waterfall 220T @ 6m/min, 30 T @ 40M/min Breaking load 260 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 SWL: 220 Tons
Tugger Winch	2 x 15 tons / wire dimension, 38mm x 60m
Anchor Windlass	1 wire drum and Smit bracket SWL 150 ton

### RADIO & NAVIGATION EQUIPMENT:

GMDSS	Sailor 4000
Radar	2 x Decca Bridgemaster
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
ECDIS	Maris 900 FPC MK10

### Fifi SYSTEM:

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

### MISCELLANEOUS

1 x Water Cargo Pump 70m<sup>3</sup>/h @60mH,  
1 x Sewage Treatment System  
1 x F.O. Cargo Pump 90m<sup>3</sup>/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.  
Fixed H2S System – 5 Channel Detectors  
Rescue Boat Diesel Driven – 6 persons

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