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## ANN SOFIE ANCHOR HANDLING TUG

### GENERAL:

Built	GAC Marine Construction & Maintenance, UAE - 1999
Flag	Panama
Class	✱ I 3/3 E. B.V.

### MAIN DIMENSIONS:

Length Overall	42.50 m
Beam Moulded	11.60 m
Depth Moulded	5.00 m
Draft (Max)	4.40 m
Free Deck Space	165 m <sup>2</sup>

### TONNAGE:

GRT	636 tons
NRT	191 tons
DWT	500 tons
Deck Cargo	250 tons

### MACHINERY:

Main Engines	2 x Wartsila 6L26
Break Horsepower	5,350 BHP
Generators	2 x 230 Kw + 1 x 160 Kw
Bow Thruster	620 hp CPP, 6 tons thrust
Propulsion	2 x CPP Propellers in Kort nozzles
Rudders	2 Streamlined

### SPEED & CONSUMPTION:

Maximum Speed	14 knots
Service Speed	12 knots
Consumption	8t/24H Free running 14t/24H Towing

### TANK CAPACITIES:

Marine Gas Oil	341 m <sup>3</sup>
Potable / Ballast Water	185 m <sup>3</sup>

### SAFETY EQUIPMENT:

Life Rafts	2 x 25 men, 2 x 10 men
SART	2
EPRIB	1
Rescue Boat – Diesel Driven	6 persons



### TOWING & A/H EQUIPMENT

Bollard Pull	80 Tons
Anchor Winch	Dubble Drum Waterfall Type 120T @ 6m/min 60T @ 20m/min 30T @ 40m/min
Winch Brake Load	180 Tons
Wire Dimensions	1200m x 58mm
Stern Roller	SWL 250 tons, (L) 3.5m x (D) 2m
Shark Jaws	Retractable SWL 300 tons
Towing Pins	Retractable with horizontal locking tops SWL: 95 Tons
Tugger Winch	1 x 10 tons

### RADIO & NAVIGATION EQUIPMENT:

GMDSS	Sailor 4000
Radar	2x Racal Decca 181 E
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
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	13.6m <sup>3</sup>

### ACCOMMODATION:

Air-conditioning	Fully air-conditioned
Berths	14x crew, 8x passenger Total 22

### MISCELLANEOUS

1 x Water Cargo Pump 50m<sup>3</sup>/h @60mH,  
1 x Sewage Treatment System,  
2 x 3.5m Dispersant spray booms/13.60 cbm tank  
1 x F.O. Cargo Pump 50m<sup>3</sup>/h @ 60mH  
Silencers equipped with spark arrestors  
Hydraulic Crane – 6.5T @3M, 2T @10M  
Fixed H2S System – 4 Channel Detectors

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