



59.9M 4000 BHP ANCHOR HANDLING TUG SUPPLY VESSEL

GENERAL

Year of Build / Place	: 2005 / China
Flag	: Bahrain
Port of Registry	: Bahrain
Classification	: B.V.
GRT / NRT	: 1159 / 347

DIMENSIONS

Length O.A.	: 59.9 m
Length B.P.P	: 55.00 m
Beam Moulded	: 12.40 m
Depth Moulded	: 5.80 m
Draft (max)	: 4.50 m
Lightship	: 1134.375 MT
Displacement (max)	: 2122.816 MT
Deadweight	: 988.441 MT

MACHINERY

Main Engine	: 2 x Wartsila 8L20, 1000 r/min
Horse Power	: 4000 BHP
Propellers	: 2 x CPP with fixed nozzle, 4 blade, 2400 mm dia, 22 r/min
Generators	: 3 x Cummings NTA 855-G2(M), 284 kw, 1500 rpm
Bow Thruster	: 1 x electric propeller dia. abt. 1225 mm, thrust abt. 47 KN, 300 kw @ 1470 r/min

CAPACITIES & DISCHARGE RATES

Clear Deck Area	: 300 m2
Deck Strength	: 5 tons/m2
Fuel Oil	: 824.198 m3 / 98 m3/hr
Potable Water	: 229.254 m3 / 98 m3/hr
Drill Water / Ballast	: 155.197 m3
Dry Bulk	: NA
Mud	: NA
Freezer / Chiller	: 14.2 m3 each

OTHERS

Sewage Treatment Plant	: 26 men capacity
Rescue Boat	: Rigid Inflatable, 6 Persons

PERFORMANCE

Speed	: 12.0 knots
Type of Fuel Used	: Marine Gas Oil

ACCOMMODATION

Total Accommodation	: 37 men incl. crew
Cabins	: Main Deck 3 x 4P
	: Forecastle Deck 2 x 1P
	: 1 x 2P
	: 4 x 4P
	: 1st Deck 3 x 1P
	: 1 x 2P

DECK MACHINERY

Windlass	: 1 x Horizontal, Hydraulic driven type
Anchor	: 2 x 1440 plus 1 spare stockless
Anchor Chain	: 1 x 36 mm x 440 m
Capstans	: 1 x vertical type, hydraulic driven 50 KN
Tugger Winch	: 3 ton
Crane	: Electro-Hydraulic offshore Boom Deck Crane, 2 tonnes @ 3-10 m

TOWING & ANCHOR HANDLING EQUIPMENT

Bollard Pull	: 52.25 tonnes
AH/Towing Winch	: 1 x DD high/low arrangement, hydraulic driven working load 400 KN 0-5 m/min, 1360 KN braking load
Stern Roller / Towing Pin	: 200 tonnes

EXTERNAL FIRE-FIGHTING

Fire Pump	: 1 x 70m3/hr
	: 1 x 25m3/hr @ 30m KM 186 F(A) air cooled diesel engine
Emergency Fire Pumps	: 2 x 6 m marine grade alumium spray
Spray Booms	: booms each 6 x 1/2"

COMMUNICATION & NAVIGATION EQUIPMENT

GMDSS:

VHF DSC 1	: FURUNO FM-8500
VHF DSC 2	: FURUNO FM-8500
MF/HF DSC	: FURUNO DSC-60
INM-C	: SAILOR TT-3026
GMDSS SURVIVAL RADIO	: 3 x ACR SR-102R
SART	: 2 x SEVENSTAR S701
EPIRB	: McMURDO SMARTFIND E5
NAVTEX	: FURUNO NX-500

NAVIGATION:

GPS	: FURUNO GP-80
AIS	: SARACOM SI-10D
GYRO COMPASS	: SIMRAD GC-80
RADAR 1	: FURUNO FAR 1510 MK2
RADAR 2	: FURUNO MU 231 CR
ECHO SOUNDER	: HONDEX HE-670
AUTOPILOT	: SAURA SA-10

SAFETY & SECURITY:

SSAS	: PURPLE FINDER DMR-800
LRIT	: SAILOR TT-3026M
FIRE ALARM SYSTEM	: PRECEPT
BNWAS	: NAVGARD

SATELLITE COMMUNICATION:

FBB	: SATLINK FB 150
VSAT	: KNS A9

ENTERTAINMENT:

TVRO	: KNS
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