



### 3200BHP 37MTR ANCHOR HANDLING / UTILITY TUG

Port of Registry	: Singapore
Official Number	: TBA
IMO No.	: TBA
Call Sign	: TBA
Flag	: Singapore
Class	: Germanischer Lloyd, +100A5 + MC Tug/Utility Unrestricted
Built	: 2009, Batam Indonesia

#### PRINCIPLE DIMENSION

Length Overall	: 37.00 Mtr
Breath Moulded	: 11.40 Mtr
Depth Moulded	: 4.95 Mtr
Design Draft	: 4.40 Mtr
GRT / NRT	: abt 350 Tons

#### TANK CAPACITY

Fresh Water	: Approx. 65 Tons
Fuel Oil	: Approx. 350 Tons
Lubricant Oil	: Approx. 5 Tons

#### DECK EQUIPMENT

Anchor Windlass	: 1 x Electro-Hydraulic 3.3 Tons @10m/min Anchor Winlass c/w Double Gypsy & Double Warping Ends
Anchor	: 2 x 660 Kg Stockless Bow Anchor
Anchor Chain	: 2 X Dia 28mm Studlink Chains
Tugger Winch	: 2 x Electro-Hydr. T. Winch of 5 Tons Pull @15m/min
Capstan	: 1 x 5 Tons Electro-Hydraulic @15m/min

#### TOWING & ANCHOR HANDLING EQUIPMENT

Bollard Pull	: 40 metrics tonnes (approx.)
Anchor Handling/	
Towing Winch	: 1 x Hydraulic Double Drum Waterfall
Wire Size	: - Dia 42mm x Length 600 mtr
Line Pull	: - 40 Tons @ 8m/min
Brake Holding	: - 100 Tons at 1st Layer Static
	: Remote control from aft control stand in WH
Provision Crane	: 1 x Electro-Hydraulic Knuckle Boom Crane 2 Tons SWL with 8m Outstretch
Stern Roller	: Dia 1.45 x 4m length w/SWL 150 Tons
Shark Jaw	: 100 Tons SWL
Tow Pins	: 100 Tons SWL

#### ACCOMMODATION

Crew Cabin	: 4 men x 2, 2 men x 2, 1 man x 2
Total 14 Men with Centralized Air-conditioning	

#### MAIN PROPULSION

Main Engine	: 2 x 1600BHP @ 1800rpm Cummins KTA50-M2
Gear Box	: 2 x Reintjes WAF 665L Ratio 5.95 : 1
Speed	: Approx. 11.5 Knots
Bow Thruster	: Nakashima TFN-200 (FPP) Volvo Penta D7C TA Engine Driven, providing Nominal Thrust of about 3 tons.

#### AUXILIARIES

Main Generator	: 2 x 160 eKW Cummins 6CTA8.3-D(M) @1800 RPM
Emergency Generator	: 1 x 40 kw, Perkins

#### FIRE FIGHTING

FIFI ½ System, Jason Eureka/Kvaerner

#### NAVIGATION & COMMS EQUIPMENTS

Radar 96NM(21"), 48NM(10"), Furuno	- 1 Unit Each
Echo Sounder, Furuno	- 1 Unit
Speed Log, Furuno	- 1 Unit
GPS Navigation, Furuno	- 1 Unit
Magnetic Compass, Lilley & Gillie or eq	- 1 Unit
GMDSS, Area 1+2+3, Furuno	- 1 Unit
Autopilot, Anschuetz	- 1 Unit
Gyro Compass, Anschuetz	- 1 Unit
AIS, Furuno	- 1 Unit
MF/HF-DSC, Furuno	- 1 Unit
Inmarsat-C, Felcom	- 1 Unit
VHF Radio, McMurdo	- 2 Units
LRIT	- 1 Unit
Navtex Receiver, Furuno	- 1 Unit
Weather Fax Receiver, Furuno	- 1 Unit
EPIRB, McMurdo	- 1 Unit
SART, McMurdo	- 1 Unit
Steering Aft Reapter, Anschuetz	- 1 Unit
Anemometer, RM Young	- 1 Unit
Internal Comm, Vingtor	- 1 Set

#### OTHER MACHINERIES

Oily Water Separator, BOSS, USA	: 1 x 0.5m <sup>3</sup> /hr
Sewage Treatment Plant, CKST, Korea	: 1 x 15 men
R/O Plant, Petsea, Spain	: 1 x 5 Tons/day
Calorifier	: 300 litres x 18 kw