

VESSEL 6

Anchor Handling Tug / Supply Vessel

GENERAL

Port of Registry	: Port Kelang
Year Built	: 2009
Builder	: Sapor Shipbuilding Ind. S/B
Classification	: Bureau Veritas (BV) I HULL + MACH Supply Vessel / Fire Fighting 1 / Special Service - Anchor Handling Unrestricted navigation
Dimension L x B x D	: 61.2m x 16m x 6m
Draft	: 4.5m
GRT/NRT	: 1958/587
Dynamic Positioning	: DPS-1

CARGO CAPACITY

Fuel Oil	: 530m ³
Potable Water	: 320m ³
Drill Water	: 518m ³
Liquid Mud	: 244m ³
Dry Bulk (4Nos.)	: 170 m ³ / 4 tanks
Deck Cargo	: 500 tonnes
Deck Strength	: 7.5 tonnes/m ²

Clear Deck Space : 360m²

REFRIGERATED STORAGE

Freezer/Cold Room	: 256 W x 206 L x 207 H
Chiller/Cooled Room	: 239 W x 254.5 L x 210 H

ACCOMMODATION (Fully Air-Conditioned)

Crew	: 12 men
Passenger	: 36 men



NAVIGATION & COMMUNICATION

Doppler Speed Log	: 1 x Furuno model DS-80 Type:DS-800
Radar	: 2 x Furuno FAR-28x7 Series
Gyro Repeater	: 2 x STD22 Anschuts
Navtex Receiver	: 1 x Furuno NX-700 A/B
EPIRB	: 1 x Samyung SEP-406
Autopilot	: 1 x Simrad AP 150
GPS Navigator	: 2 x Furuno GP-150
Echo Sounder	: 1 x Furuno FE-700
Walkie Talkie	: 4 x Motorola model GP340
Walkie Talkie	: 1 x ICOM model IC-M88
AIS/SSAS	: 1 x FURUNO AIS / Type: FA-1502
VHF Transceiver	: 2 x Furuno FS-2571C

ANCHOR HANDLING EQUIPMENT

Winch	: Double Drum In Waterfall Agreement
Line Pull	: 150T x 6m/min
Brake	: 250T (static 1 st layer)
Drum Wire Cap.	: 58mm x 1000m (SWR)
Spare reel	: 1 x 58mm x 1000m
Tugger Winch	: 2 x 20mm x 200m (2x10T)
Shark Jaw	: 1 Hydraulic SWL 300T
Guide Pin	: 1 Hydraulic SWL 300T
Capstan	: 2 x 5T @ 0-15m/min ZICOM

Stern Roller : 1 x 250T @ 90°

MAIN MACHINERY & PROPULSION

Main Engine	: 2 x 2610BHP, Yanmar
Auxiliary Engine	: 3 x 400Kw, 415V, 3P, 50Hz
Emergency	: 113KVA (90Kwe) @ 1500 rpm
Propulsion	: 2 CPP (kort nozzle)
Shaft Alternator	: 2 x 1000Kw 450V, 3P, 50Hz
Bow Thruster	: 1 x 8T
Stern Thruster	: 1 x 6T

ANCHOR & CRANES

Anchor	: 2 AC14, Each 1575kg
Chain	: P/side -8 shackles / Sbd. -7.5 shackles
Deck Crane	: 1-unit Mc Gregor (SMT at 9m)

CARGO PUMP CAPACITY

Fuel Oil	: 100m ³ /hr @ 60m head
Potable Water	: 100m ³ /hr @ 60m head
Drill Water	: 100m ³ /hr @ 60m head
Liquid Mud	: 60m ³ /hr @ 75m head
Base Oil	: 100m ³ /hr @ 60m head
Ballast	: 65m ³ /hr @ 60m head
Dry Bulk Compressor	: 42.48 ³ / Compressor 20m ³ /min
Reefer Power Point	: 4 x 415V

FIRE FIGHTING (FIFI 1) & ANTI-POLLUTION

Pump	: 2 x 1200m ³ /hr
Monitor	: 2 Units long barrel
Sprinkler System	: FiFi pump
Oil Dispersant Boom	: 2 Units / Port & Stbd. Spray boom
Oil Dispersant Tank	: 1 Tank P/side (only) 14.2m ³

BOLLARD PULL

Approx 61.2 tons

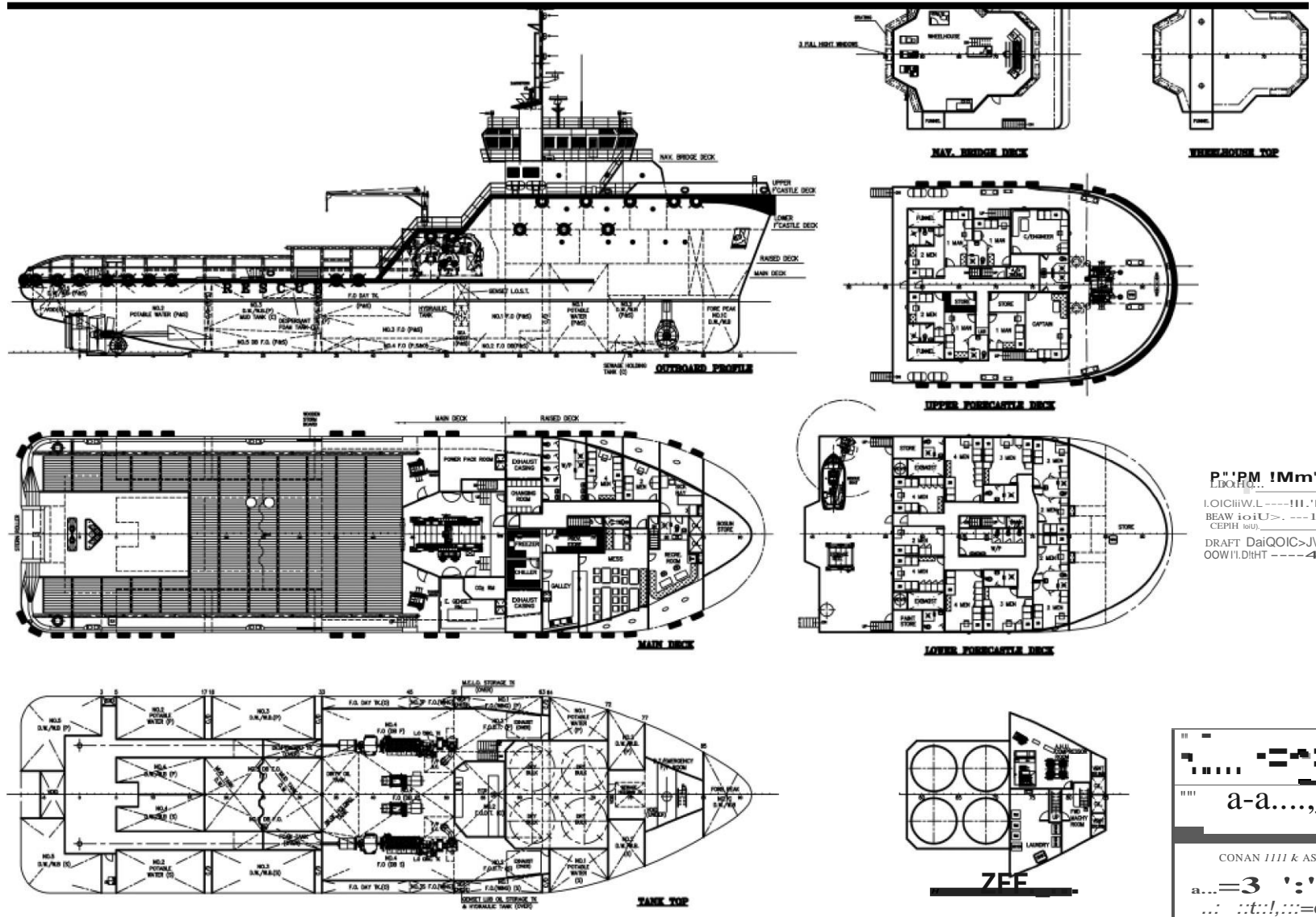
SPEED

Maximum Speed	: approx.11 knots @ 100% MCR
Economical Speed	: approx.10 knots @ 85% MCR

ENDURANCE

20-25 days

GA PLAN



P:PM IM'tn
 L:Box...
 L.O:ChW.L --- 11.10m
 BEAW i:U> --- 10.00.
 CEPH (aU) --- 1.00m
 DRAFT DaiQOIC>Jn... 4.5.1Cm
 OOW'L.DHHT --- 44.1iDo

a-a.....-
 CONAN IIII & ASSOCIATES
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