

2007 Built 59.2m 5444 BHP FIFI 1 AHTS

Anchor Handling Tug / Supply Vessel

VESSEL PARTICULAR

GENERAL

Port of Registry : Port Kelang
Year Built : 2007
Builder : Muhibbah Marine Engineering Sdn Bhd
Classification : Bureau Veritas (BV)
I +HULL +MACH - Supply Vessel
Special Service /Anchor Handling /
Fire Fighting Ship 1
Unrestricted Navigation
Dimension LxBxD : 59.20 m x 13.80 m x 5.50 m
Draft : Light 4.30 m / Loaded: 4.75 m
GRT / NRT : 1223 / 367 MT
DWT : Approx. 1650 tons

CARGO CAPACITY

Fuel Oil : Approx 470 m³
Potable Water : Approx 400 m³
Drill Water : Approx 400 m³
Liquid Mud : Approx 160 m³ / 1000bbls
Sarlaline 98V : Approx 160 m³ / 1000bbls
Cement (4 tanks.) : Approx 136 m³
Deck Cargo : 500 tons
Deck Strength : 5.0T m²
Clear Deck Space : 10 m x 34 m (340 m²)

REFRIGERATED STORAGE

Freezer / Cold Room : Approx. 10 m³ (+4°C)
Chiller / Cooled Room : Approx. 12 m³ (-20°C)

ACCOMMODATION (Fully Air-Conditioned)

6 x 1 men/ berth cabins = 6 men
4 x 2 men/ berth cabins = 8 men
3 x 4 men/ berth cabins = 12men Total = 26 men
1 Hospital
Wheelhouse equipped with toilet.



NAVIGATION & COMMUNICATION

Doppler Speed Log : 1 unit
Radar : 2 x Rescue Radar Transponder (SART)
Gyro repeater : 1 x unit
Navtex Receiver : 1 unit
EPIRB : 1 unit
Autopilot : 1 unit
GPS Navigator : 2 units
Echo Sounder : 1 unit
Walkie Talkie : 4 units
AIS / SSAS : 1 unit each
VHF Transceiver : 4 sets
2 Konsberg type Joy stick remote control system fitted
at fwd and aft consoles
1 set of fleet broadband Model: Sailor 250 fleet broadband; Type:
Thrane & Thrane provided onboard.

ANCHOR HANDLING EQUIPMENT

Winch : 1 x double drum waterfall type
Line Pull : 150 tons
Brake : 200 tons
Towing Drum
Wire Cap. : 1000 m x 58 mm wire
Spare reel : 1 x 1200 meters
Tugger Winch : 2 x 10 tons
Karm Fork : 1 x Max. SWL 300 tons
Guide Pin : 2 x Hydraulic SWL 300 tons
Capstan : 2 x 5 tons

Stern Roller : 1.5 m dia. x 3.5 length x 200 ton SWL

MAIN MACHINERY & PROPULSION

Main Engine : 2 x 2722KW @1000 rpm
Total : 5444 BHP
Auxiliary Engine : 3 x 245kw/415V/3P/50Hz
Emergency : 1 x 69kw/415V/3P/50Hz
Propulsion : 2 x CPP in fixed nozzles
Rudder : Twin aerofoil section
Bow Thruster : 1 x 6.0T shallow draft type

ANCHOR & CRANES

Anchor : 2 x 1440 kg anchor + 1 x spare
Chain : 15 shackles 9 ton @ 12m/min
Knuckle Crane : 1 x 3 tonnes @ 9m reach

CARGO PUMP CAPACITY

Fuel Oil : Approx 100 m³/hr at 60 m head
Potable Water : Approx 100 m³/hr at 60 m head
Drill Water : Approx 100 m³/hr at 90 m head
Liquid Mud : Approx 95.4 m³/hr at 60 m head
Base Oil : Approx 100 m³/hr at 90 m head
Ballast : Approx 65 m³/hr at 60 m head
Dry Bulk Compressor : Approx 13 m³ / min at 7.0 bar
Reefer Power Point : 10 x 16 amps 415V/3P/50Hz a pin

FIRE FIGHTING (FIFI 1) & ANTI-POLLUTION

Pump : 2 x 1500m³/hr
Monitor : 2 x Monitor (water & foam)
Sprinkler System : Fifi Class 1 requirements
Oil Dispersant Boom : 1 set
Co2 System : Fitted in engine room and bow
thruster compartment

BOLLARD PULL

Approx 65 tons

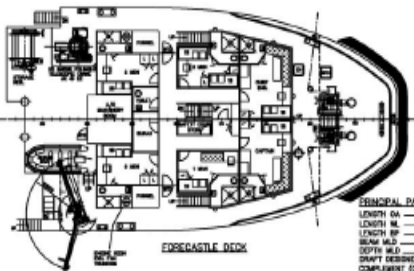
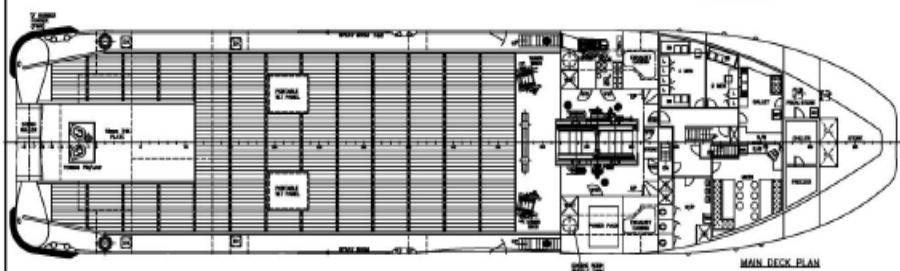
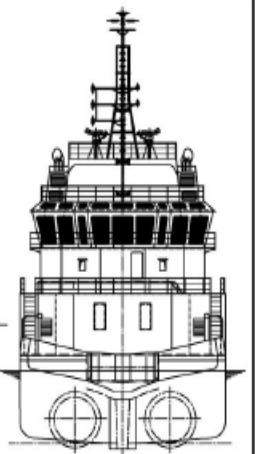
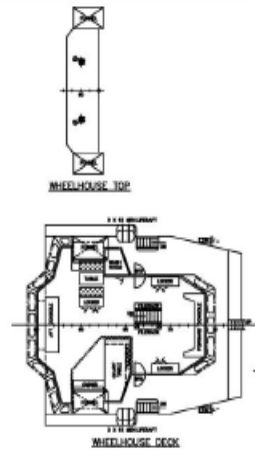
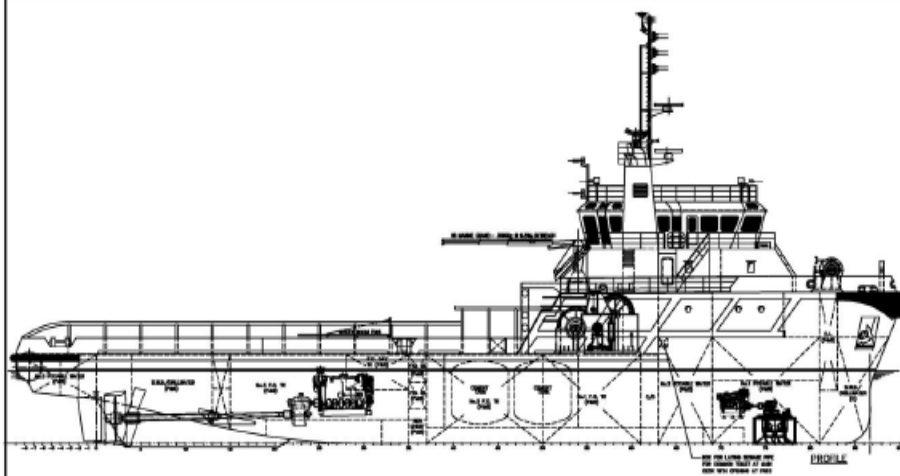
SPEED

Maximum Speed : 13 knots @ 100% MCR
Economical Speed : 10 knots @ 85% MCR

ENDURANCE

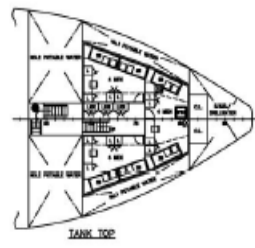
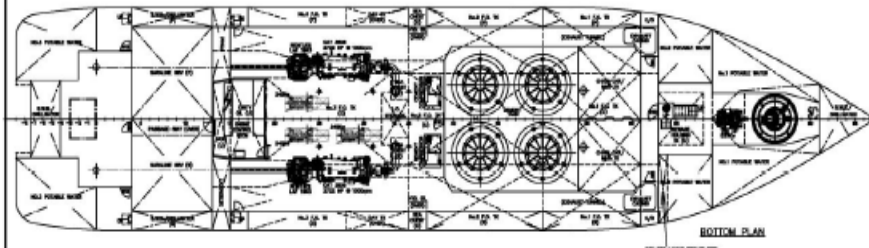
22 days

DETAILS GIVEN IN GOOD FAITH AND ARE TO THE BEST OF OWNER'S KNOWLEDGE BUT WITHOUT
GUARANTEE. IN NO EVENT SHALL THE COMPANY BE LIABLE TO ANY DAMAGES WHATSOEVER
ARISING FROM THE INACCURACY OR THE DATA CONTAINED HEREIN. (1) OWNER'S OFFICE: THE



PRINCIPAL PARTICULARS

LENGTH OAL	55.20m
LENGTH BL	57.70m
LENGTH BP	52.30m
BEAM BL	12.80m
DEPTH ML	5.50m
DRAFT DESIGNED/ML	4.30m/4.75m
COMPLEMENT (CREW-10 & PAS-12)	27 MEN
P.O.	4700hp (approx)
POTABLE WATER/DEBALLAST	400m³ (approx)
FUEL	110m³ (approx)
DETERGENT	110m³ (approx)
CLIMATE (AIR & SWAC)	130m³ (approx)
WELD TANK	160m³ (approx)
DARAFINE 80V	180m³ (approx)



OWNER	CONAN WU & ASSOCIATES
DESIGNER	CONAN WU & ASSOCIATES
CONSTRUCTION	CONAN WU & ASSOCIATES
OPERATOR	CONAN WU & ASSOCIATES
REGISTRY	CONAN WU & ASSOCIATES
CLASS	CONAN WU & ASSOCIATES
DATE	CONAN WU & ASSOCIATES
SCALE	CONAN WU & ASSOCIATES
NO.	CONAN WU & ASSOCIATES
REV.	CONAN WU & ASSOCIATES
APPROVED	CONAN WU & ASSOCIATES
DATE	CONAN WU & ASSOCIATES
SCALE	CONAN WU & ASSOCIATES
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REV.	CONAN WU & ASSOCIATES