



**5150 BHP 72 TON BP
ANCHOR HANDLING /FIRE FIGHTING TUG
SPECIFICATIONS**

GENERAL:

Built : 2010, Malaysia
Class : BV

PRINCIPAL PARTICULARS:

Length Overall : 49.95 M
Breadth Moulded : 12.60 M
Depth Moulded : 5.75 M
Draft (max) : 4.80 M
GRT : 960
DWT : 842 T

PERFORMANCE:

Max. Speed : 12.0 Knots
Economical Speed : 10.5 Knots
Type of Fuel : MGO
Max. Cons : Approx 12.0 Tons/day
Eco. Cons : 10 Tons/day

CARGO CAPACITIES:

Clear Deck Area : 22 M x 10 M

Fuel Oil : 500 M3
Fresh Water : 242 M3
Lub Oil : 25 M3
Dirty Oil : 5 M3
FO Transfer : 1 x 70M3/hr @ 30 M Head
FW Transfer : 1 x 70M3/hr @ 50 M Head

Freezer : 5 M3
Chiller : 5 M3

ACCOMMODATION: : Fully Air-Conditioned

3 x 1 berth
7 x 2 berth
2 x 4 berth
(Total - 25 persons)

MACHINERY:

Main Engines : 2 x 2575 BHP @ 1600 rpm
Caterpillar 3516B
Auxiliary Engines : 2 x 250kW 415V 50Hz
CUMMINS QSM11-DM
Emergency Generators : 1 x 150kW
415V 50 Hz
Propellers : 2 x Fixed Pitch in Kort/Nozzie
Bow Thruster : Kamome 640 BHP
Steering System : Electro Hydraulic c/w Joystick @
Forward and Aft Consoles

DECK MACHINERY:

Bollard Pull : 72 Tons
Towing/Anchor Winch : Pimssoll
Line Pull 150 T
Break Load 200 Tons
Towing Wire : 850 M x 56 mm x 2 Nos
Tugger Winch : 2 x 10 MT
Capstans : 2 x 3.5T
Crane : 3 MT @ 12.0 M
Shark Jaws : 200 Tons
Towing pin : 200 Tons
Stern Roller : 4200 x 1500 mm; 300 Tons SWL
Wire Reel : 1000 M x 54 mm

RADIO & NAVIGATION EQUIPMENT:

GMDSS (A3), VHF x 2, Radar x 2, Auto-Pilot, Gyro Compass,
Echo Sounder, Navtex, GPS, AIS, Weather Fax, FBB

SAFETY & FIRE FIGHTING EQUIPMENTS:

Pumps x 2 : 1200 M3/hr + 1700 M3/hr
70 M3/hr @ 50 M Head
Monitors - Water/Foam : 2 Nos
Spray Boom : 5 M x 2 Nos

MISC:

Dispersant Tank : 19 M3
Foam Tank : 16 M3
Oil Recovery : 126 M3
Fresh Water Maker : 4 Tons/Day



MAIN DECK



LENGTH O.A. _____ 49.95m
LENGTH W.L. _____ 48.60m
LENGTH B.P. _____ 43.60m
BEAM MLD. _____ 12.60m
DEPTH MLD. _____ 5.75m
DRAFT DESIGNED _____ 4.50m }
COMPLEMENT _____ 27 MEN
F.O (include oil recovery) _____ 500 m³(approx.)
POTABLE WATER _____ 242 m³(approx.)
S.W.B. _____ 65 m³(approx.)
OIL RECOVERY _____ 126 m³(approx.)
(flashpoint above 60°)
FOAM TANK _____ 16 m³(approx.)
DISPERSANT TANK _____ 19 m³(approx.)

NOTE: 

19.07.08	DRAWING MODIFIED		A	YARD
DATE	MODIFICATION		REV	BY
SHIP:				
50m A.H.T./TOWING TUG				
TITLE:				
GENERAL ARRANGEMENT				
OWNER				
BUILDER	SHIN YANG SHIPYARD SDN BHD	YARD NO. 312/313		
CLASS	BV			
CONAN WU & ASSOCIATES NAVAL ARCHITECTS				
INFORMATICS BLDG., 5 INTERNATIONAL BUSINESS PARK, JERONG EAST, SINGAPORE 609914				
TEL.: (65) 6562-1138 FAX: (65) 6562-1238, (65) 6562-0123 E-MAIL: mail@cw.com.sg				
DRAWN	CHECKED	APPROVED	SCALE	DRAWING NO.
27.06.08	27.06.08		1:100	C4420/G-1
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