

M/V INW-2
(UTILITY SUPPORT VESSEL)

PRINCIPLE PARTICULARS

BUILT	Dec. ,2008
G.R.T	387T
N.T	116T
Class	ABS
Notation	A1,TowingVessel ,AMS
IMO NO.	9529624
Call Sign	HO-5563
Flag	PANAMA

DIMENSIONS

Length Overall	36.00 m
Length B.P	33.28 m
Breadth Moulded	9.80 m
Depth Moulded	4.30 m
Draft Moulded	3.50 m

MACHINERY

Main Engines	2 X 1000 BHP / Caterpillar 3508 B
Auxiliary Engines	2 X 215 kw / Caterpillar 3406 C
Bow Thruster	1X 200 BHP Electrical motor driven thrust
Propellers	2 X Fixed Pitch Propeller
Rudders	Conventional
Anchors	2 X Stockless Anchors With 15 Lengths of 22 mm dia Stud Link Chain
Maximum Speed	12.00 Knots

CAPACITY

Deck Strength	2.5 Tons/m^2
Clear Deck Area	130 m^2
Fuel Oil	260.8 m^3
Fresh Water	99.124 m^3
Chiller	6 m^3
Freezer	6 m^3

DISSCHARGE RATE

Fuel Oil	35 m^3 / hr at 40 m head
Portable Water	35 m^3 / hr at 40 m head

TOWING/ ANCHOR HANDLING EQUIPMENT

Bollard Pull	29.81 T
Towing / Anchor Handling	1 x 30 Tons, Brake Hold 40 Tons
Towing Winch	Single Drum, Waterfall arrangement
Drum Capacity	33 mm dia. x 500m

DECK & AUXILIARY EQUIPMENT

Anchor Windlass	1 X 3 Tons at 12 m/min
Deck Crane	1 X 3 T @ 6 M

ACCOMMODATION

2 X 1 Man	2 Men
5 x 2 Men	10 Men
2 x 4 Men	8 Men
Total	20 Men

RADIO & NAVIGATION EQUIPMENT

SSB	1 X JRC
VHF	3 X JHS-7E-Furuno
Radar	2 X JMA-5210-6-JRC
Echo Sounder	1 X JEF-380-JRC
Gyro Compass	1 X GMZ900-JRC
GMDSS	1 x JRC-JSB-196 GM
Magnetic Compass	1 x JRC
Speed Log	1 x JRC-JLN-205
Auto Pilot	1 x JRC
Navtex Receiver	1 x JRC, NCR-333
DGPS Navigation	1 x JRC, J-NAV 500
AIS	1 x JRC, JHS-182
EPIRB / SART	1 x JRC, JQE -103
Joy Stick Control	2 X Palmarine
Weather Faximile	1 X JRC ,JAX-9B

FIRE FIGHTING EQUIPMENT

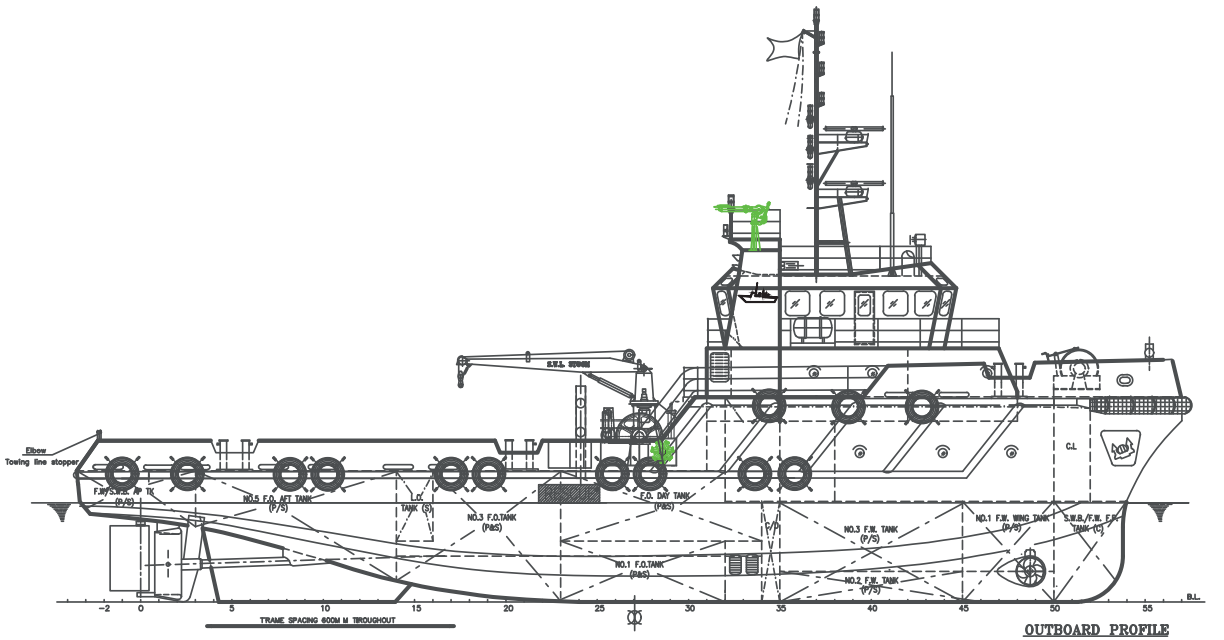
External

Fire Pump	1 X 650 m^3/hr at 10 bar.
Fire Monitors	2 water monitors (one with Double barrel for foam discharge)
Fixed Water Spraying	All round water curtain 35 m^3/hr.

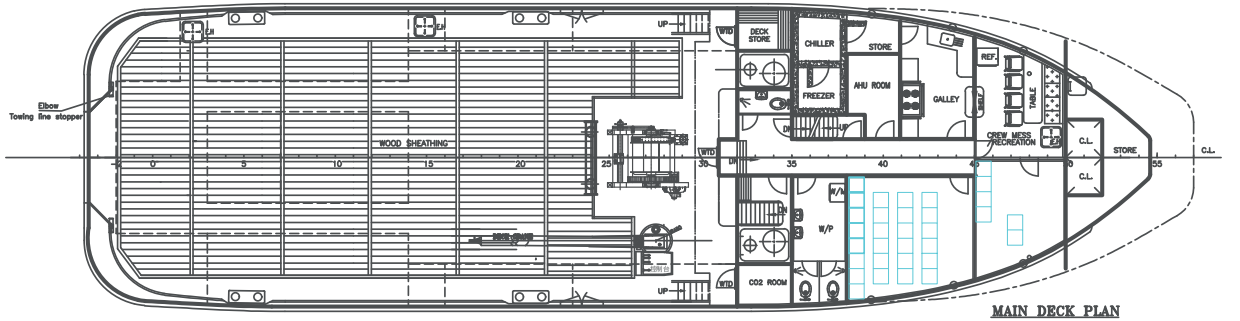
Internal

Co_2 System for E / R	Fixed central bank.
GS & Fire Pump	1 x 35 m^3 /hr at 33 m head.
Emergency Fire Pump	1 X 25 m^3/hr at 30 m head.

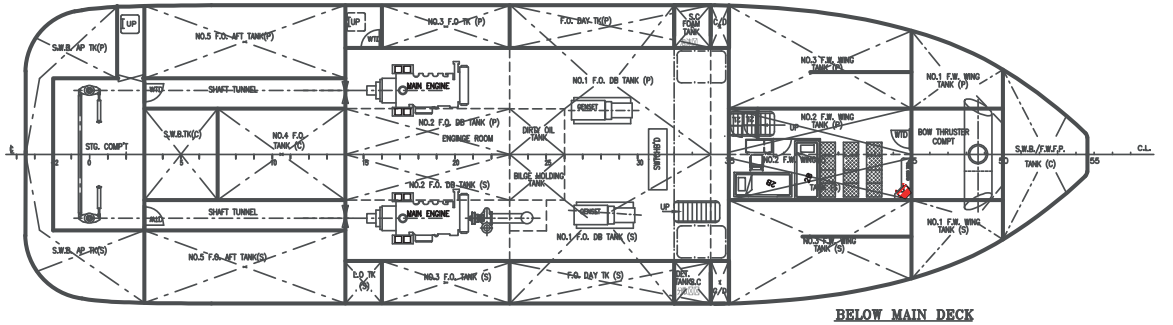
GA Plan M/V " INW-2"



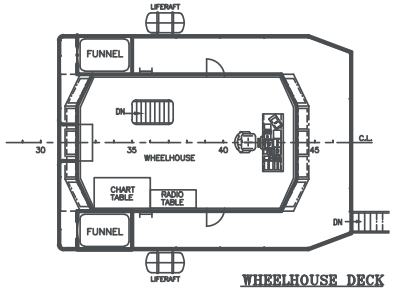
OUTBOARD PROFILE



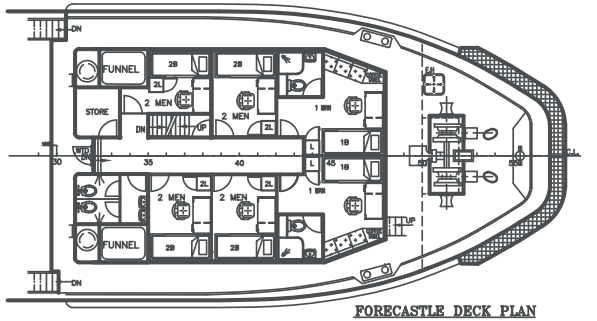
MAIN DECK PLAN



BELOW MAIN DECK



WHEELHOUSE DECK



FORECASTLE DECK PLAN

PRINCIPAL DIMENSIONS

LENGTH OVERALL	36.30 M
LENGTH WATERLINE	34.48 M
LENGTH BETWEEW PERPENDICULARS	32.46 M
BREADTH MOULDED	9.80 M
DEPTH MOULDED	4.30 M
DESIGN DRAFT MOULDED	3.50 M
COMPLEMENT	20 MEN
FUEL OIL	260.8 M^3
FRESH WATER	99.124 M^3
TOTAL POWER	2000 BHP
SPEED (SEA TRIAL)	ABT. 12 KNOTS
WOOD DECK AREA	130 M^2

VESSEL NAME	M.V. INW-2 ESL
OWNER	INTERNATIONAL NAVAL WORKS
TITLE	GENERAL ARRANGEMENT PLAN
SCALE	1 : 100