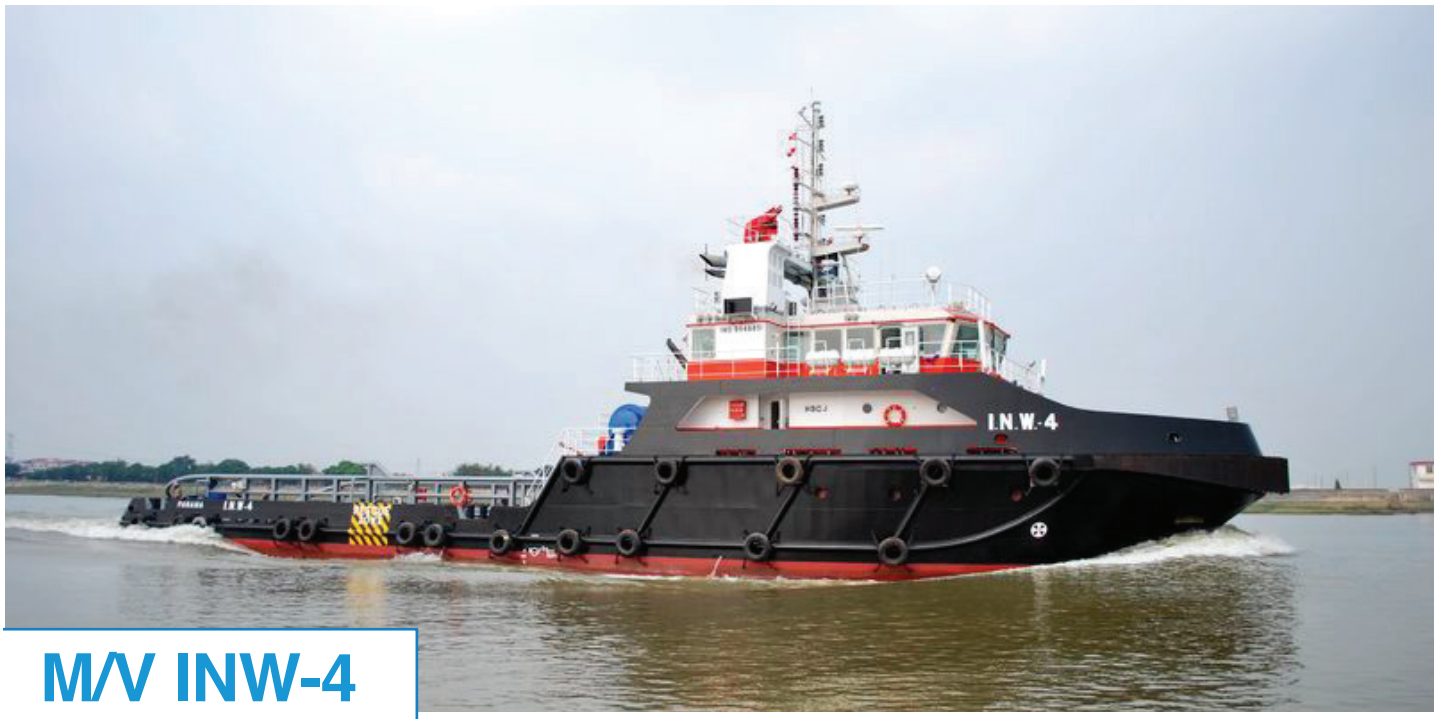


M/V INW-4
(FIFI-1, AHT, SSRV)

PRINCIPLE PARTICULARS

BUILT	Dec., 2009
G.R.T	873 T
N.T	262T
Class	ABS
Notation	A1 Towing Vessel,Fire Fighting Vessel Class 1, Offshore Support Vessel AH,AMS.H,AMS
IMO NO.	9546851
Call Sign	H9CJ
Flag	PANAMA

DIMENSIONS

Length Overall	48.00 m
Length B.P	42.5 m
Breadth Moulded	13.20 m
Depth Moulded	4.80 m
Draft Moulded	3.80 m

MACHINERY

Main Engines	2 X 2375 BHP / Caterpillar 3516B-HD
Auxiliary Engines	3 X 245 kw / Caterpillar 3046 C
Emergency Genset	1 X 56 KW/ Perkins
Bow Thruster	1 X 400 BHP Electrical motor driven thrust
Propellers	2X Fixed Pitch Propeller.
Rudders	Conventional
Anchors	2X Stockless anchors with 22 lengths, 34 mm dia. Stud link chain
Maximum Speed	12.50 Knots

CAPACITY

Deck Strength	5 Tons/m^2
Clear Deck Area	215 m^2
Fuel Oil	523 m^3
Fresh Water	246 m^3
Chiller	8 m^3
Freezer	8 m^3

DISCHARGE RATE

Fuel Oil	70 m^3/ hr at 70 m head
Fresh Water	70 m^3/hr at 70 m head

TOWING/ ANCHOR HANDLING EQUIPMENT

Bollard Pull	61.88 T
Towing / Anchor Handling	1 X 120 Tons Line Pull, Brake hold 200 Tons.
Towing Winch	Hydraulic,Doubledrum, Waterfall arrangement.
UpperDrum Capacity	52mm dia. X 1000 m
Lowe Drum Capacity	50 mm dia. X 500 m
Drum Capacity	52 mm dia. X 1000 m

DECK & AUXILIARY EQUIPMENT

Capstans	2 X S.W.L 5 Tons/each
Tugger Winch	1 X S.W.L 5 Tons
Roller	5mX1.6m dia(S.W.L 200 Tons)
Anchor Windlass	1 X 5 Tons at 12 m/min
Shark Jaw	1 X S.W.L 200 Tons
Tow Pins	2X S.W.L 200 Tons
Deck Crane	3Tons (S.W.L)
FRC (6 persons) with Davit.	

ACCOMMODATION	
2 x 1 Man	2 men
2 x 2 Men	2 men
6 x 4 Men	24 men
Total	30 men

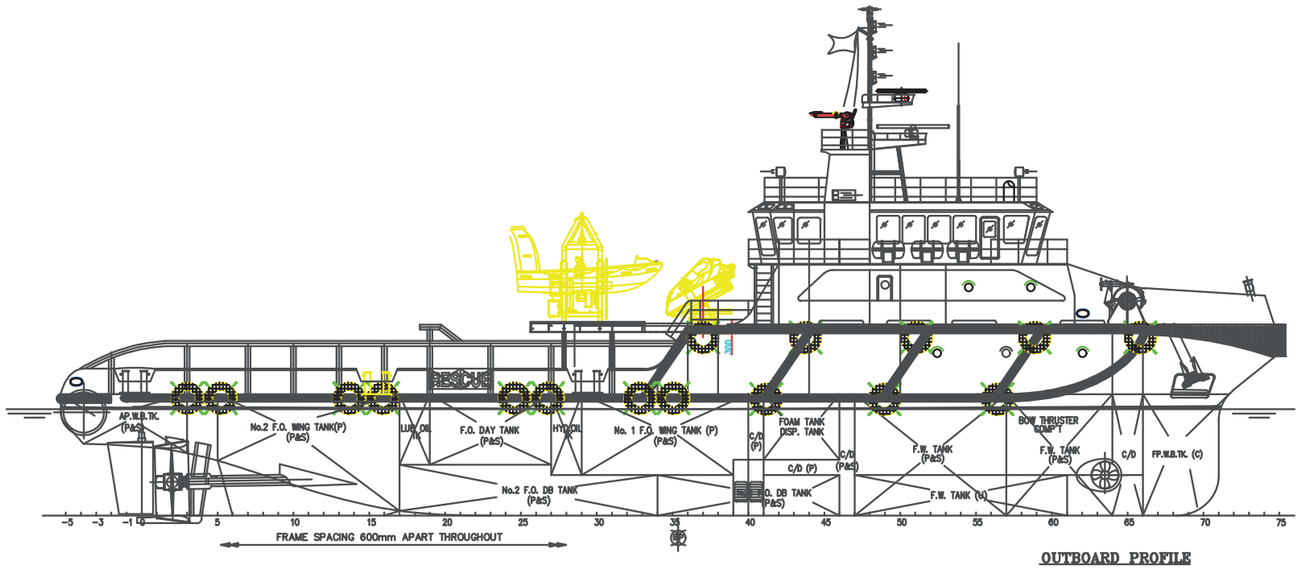
RADIO & NAVIGATION EQUIPMENT	
SSB	1 X Furuno
VHF	3 X MCMURDO R1
Radar	2 X Furuno
Echo Sounder	1 X Furuno
Gyro Compass	1 X GM NAV 2001
GMDSS	Furuno, A1 + A2 +A3
Magnetic Compass	1 X SAURU
Speed Log	1 X Furuno
Auto Pilot	1 x Furuno
Navtex Receiver	1 X JRC
DGPS Navigation	1 X Furuno
AIS	1 X Furuno
EPIRB / SART	1 X MCMURDO E3
Joy Stick Control	2 X Palmarine
Weather Faximile	1 X Furuno
ECDIS	MDP –A2
SVDR	MDP –A5
Fixed H2S @ Gas Detection	

FIRE FIGHTING EQUIPMENT

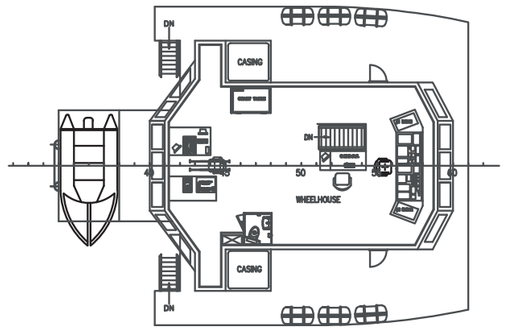
External	
Fire Pump	2 X 2800 m^3/hr at 11 bars
Fire Monitors	2 water monitors (One with double barrel for foam discharge)
Fire Water Spraying	All round water curtain 35 m3/hr.

Internal	
Co_2 system for E/R	Fixed central bank.
GS & Fire Pump	1 x 50 m^3 /hr at 33 m head.
Emergency Fire Pump	1 X 25 m^3/hr at 30 m head.

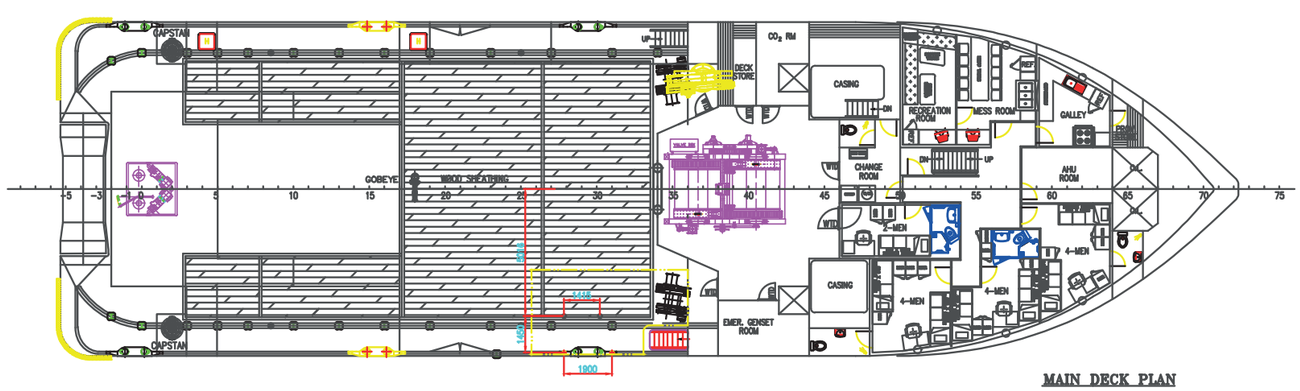




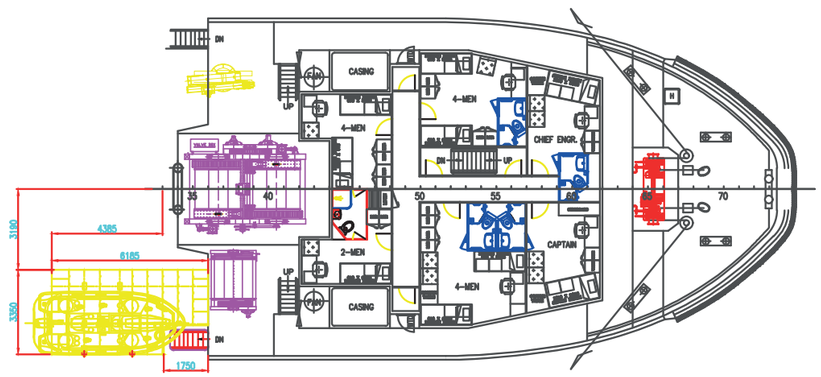
OUTBOARD PROFILE



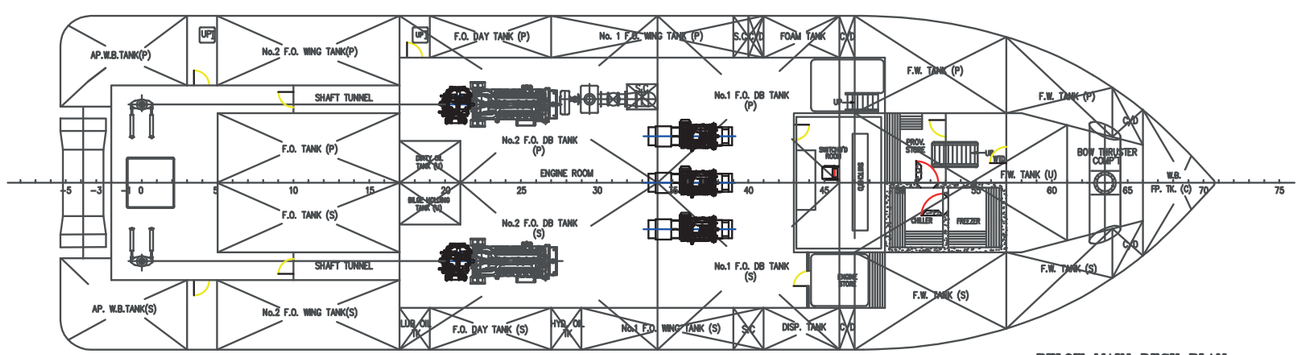
BRIDGE DECK PLAN



MAIN DECK PLAN



FORECASTLE DECK



BELOW MAIN DECK PLAN

PRINCIPAL DIMENSIONS

LENGTH OVERALL	48.00 M
LENGTH WATERLINE	45.56 M
LENGTH BET. PERP.	42.40 M
BREADTH MOULDED	13.20 M
DEPTH MOULDED	4.80 M
DESIGN DRAFT MOULDED	4.20 M

VESSEL NAME	M.V. INW-4
OWNER	INTERNATIONAL NAVAL WORKS
TITLE	GENERAL ARRANGEMENT PLAN
SCALE	1 : [illegible]