

M/V INW-10

(DP-2., FIFI-1, AHTS , OIL RECOVERY, R.O.V)

PRINCIPLE PARTICULARS

BUILT	2015
G.R.T	2410 T
N.T	710 T
Class	ABS
Notation	ABS+ A1 (E) Offshore Support Vessel (supply, AH, Tow, FFV1, OSR-C2, DPS-2,SPS,UWILD, MLC-ACC0M, +AMS for unrestricted service)
IMO NO.	9750787
Call Sign	HP 2787
Flag	PANAMA

DIMENSIONS

Length Overall	66.5 m
Length B.P	55.5 m
Breadth Moulded	16.0 m
Depth Moulded	6.5 m
Draft Moulded	5.12 m

MACHINERY

Main Engines	2 X 3200 BHP / Yanmar 8EY26W
Auxiliary Engines	3 X 450 kw , Caterpillar C18
Emergency Generator	1 X 142 KW, Caterpillar C9
Shaft Generator	2 X1200 KW
Bow Thruster	2 X 880 BHP, Electric Driven
Stern Thruster	1 X 700 BHP, Electric Driven
Propellers	2 X Controllable Pitch Propellers
Rudders	High Lift Flap Rudders
Anchors	2 X Stockless High Holding Anchors with 330 m, 38 mm Stud Link Chain
Maximum Speed	13.00 Knots.

CAPACITY

Deck Strength	7 Tons/m^2
Clear Deck Area	435 m^2
Deck Cargo	500T
Fuel Oil	590 m^3
Fresh Water	390 m^3
D.W/S.W.B	650 m^3
MUD	350 m^3
DRY BULK	200 m^3
Brine	410 m^3
ORO	430 m^3
Chiller	16 m^3
Freezer	16 m^3

DISSCHARGE RATE

Fuel Oil cargo Pump	1 x 150 m^3/hr at 75 m Head
Fresh Water Cargo Pump	1 x 125 m^3/hr at 75 m Head
Bilge / Ballast Pump	2 x 100 m^3/hr at 70 m Head
Mud / Brine / ORO	2 x 75 m^3/hr at 75 m Head
Mud Circulation	4 x 25 m^3/hr at 40 m Head
DRY Bulk	2 x 20 m^3/hr at 57 m Head

TOWING/ ANCHOR HANDLING EQUIPMENT

Bollard Pull	80 MT
Towing/ Anchor Handling	1 X 1200 m X54mm, Brake hold 250 Tons.
Towing Winch	Hydraulic,Double drum, Waterfall
Upper Drum Capacity	54 mm X 1200 m
Lowe Drum Capacity	54 mm X 1200 m

DECK & AUXILIARY EQUIPMENT

Capstans	2 X S.W.L10 Tons/each
Tugger Winch	2 X S.W.L10 Tons/each, Static pull 15T, 1st layer 10T
Stern Roller	5 m X 1.7 m dia X 250 Tons SWL.
Anchor Windlass Winch	1 X 10 Tons at 12 m/min
Shark Jaw	1 X S.W.L 250 Tons
Tow Pins	2X S.W.L 250 Tons
Shipboard Crane	1X5T @ 15M Telescopic Boom

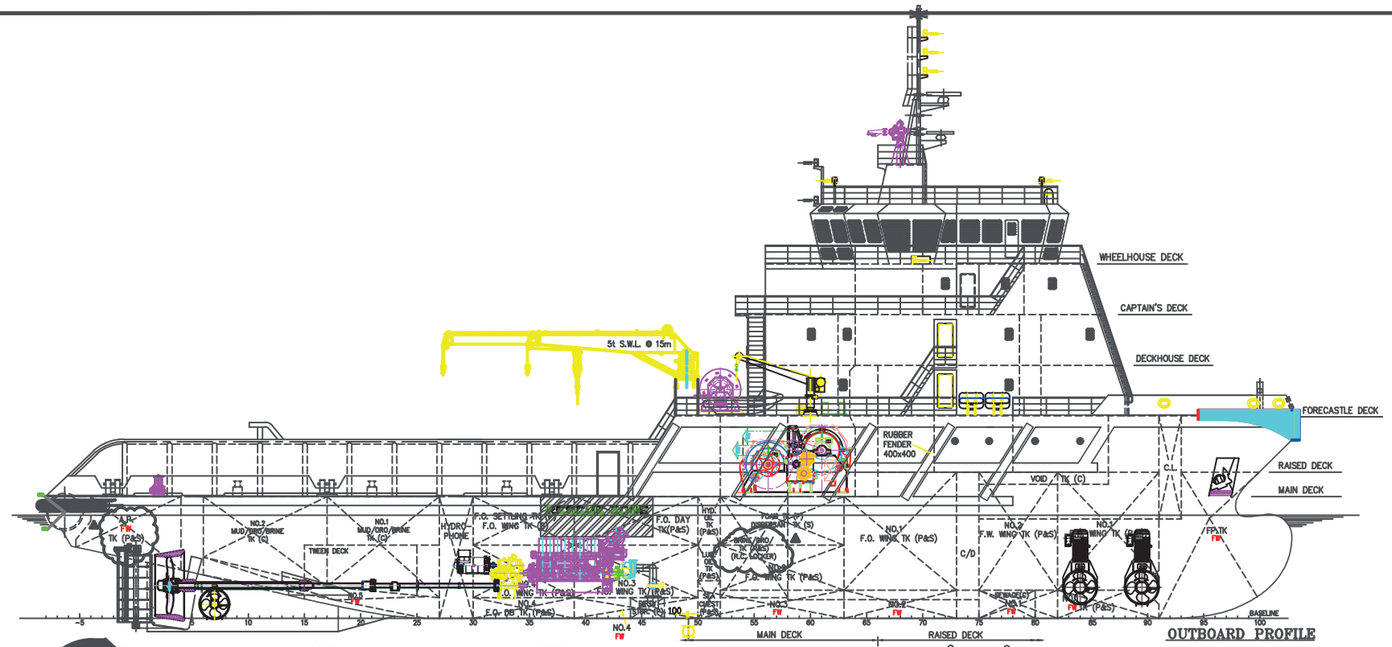
ACCOMMODATION	
8 x 1 Men	8 Men
9 x 2 Men	18 Men
6 x 4 Men	24 Men
Total	50 Men

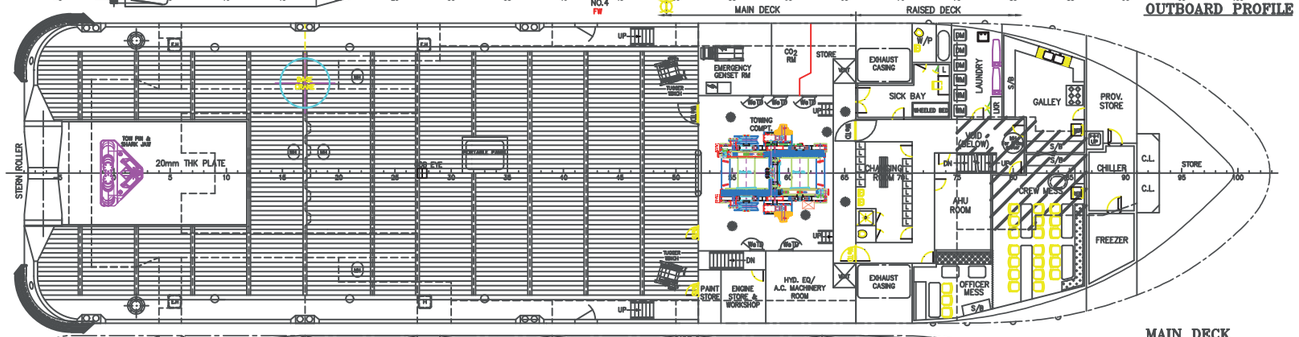
DP-2 SYSTEM (Kongsberg K-Pos DP-21)
2 X DGPS **1 X RADIUS** **1 X HIPAP (Hydro Acoustic Reference System For Diving & ROV Activities)** **1 X C-Wing** **1 X Independent Joy Stick**

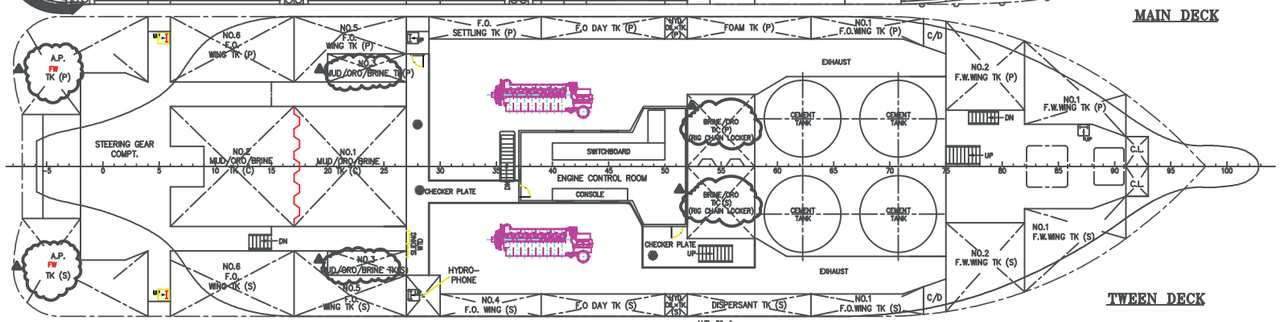
RADIO & NAVIGATION EQUIPMENT	
VHF	2 X FURUNO - FM-8900S
Portable VHFs	3 X JOTRON - TRON TR20
Echo Sounder	1 X FURUNO FE 700
Gyro Compass	3 X NAVIGAT X (MK 1, MOD. 10)
GMDSS	FURUNO A1, A2 & A3
Magnetic Compass	1 X SPERRY (C. PLATH)
Speed log	1 X FURUNO DS-80
Radar	2 X FURUNO ARPA FAR-2117
Navtex Receiver	1 X FURUNO NX-700A
DGPS Navigator	1 X FURUNO GP-150
AIS	1 X JOTRON TRON AIS TR-8000
EPIRB	1 X JOTRON TRON 40S MKII
SART	2 X JOTRON TRON SART20
Weather Facsimile	1 X FURUNO FAX-408
BNWAS	1 X FURUNO - BR-500
Auto Pilot	1 X SPERRY (C. PLATH) NAVIPILOT 4000
VDR	Netwave NW-6000
ECDIS	Kelvin Hughes UK Manta Digital 22

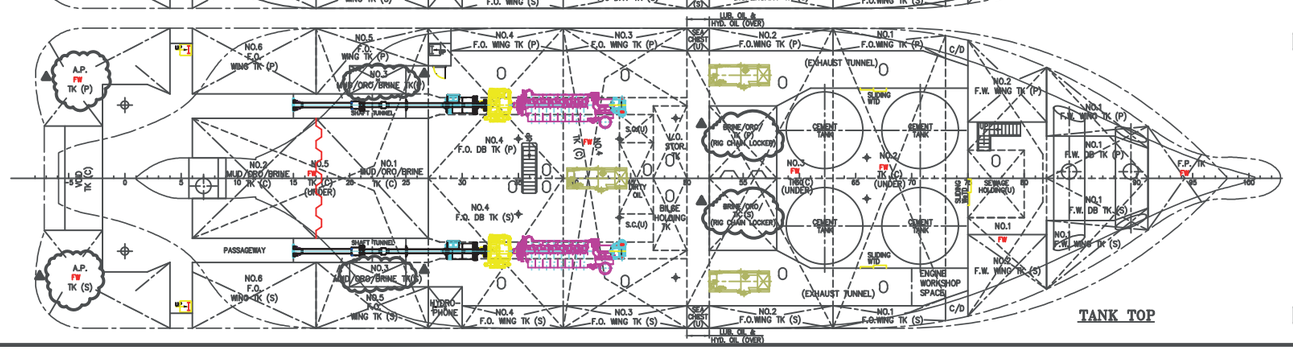
FIRE FIGHTING EQUIPMENT

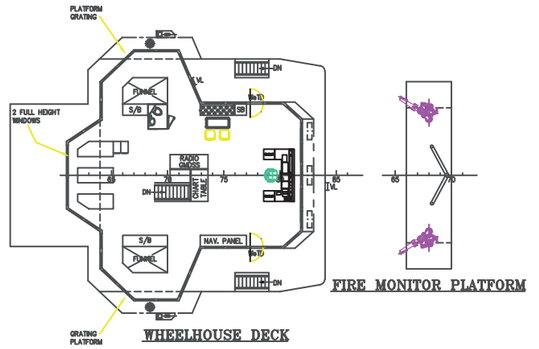
External	
Fire Pump	2 X 1780 m3/hr
Fire Monitors	2 X Water/Foam, 1200/300 m3/hr
Fire Monitors Spraying	All Round Water Curtain 1360 m3/hr
Internal	
CO_2 system for E/R	24 X 45 Kg Bottles
GS & Fire Pump	1X 80 m3/hr at 60 m Head
Emergency Fire Pump	1X 45 m3/hr at 60 m Head

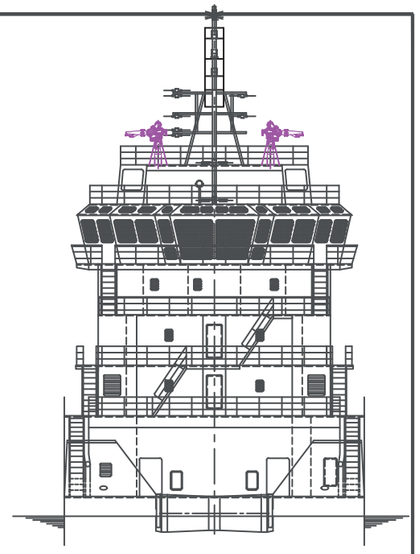


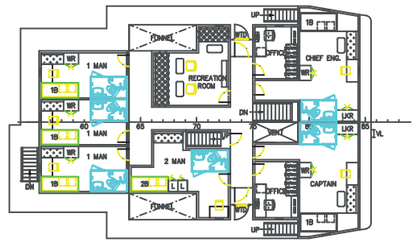








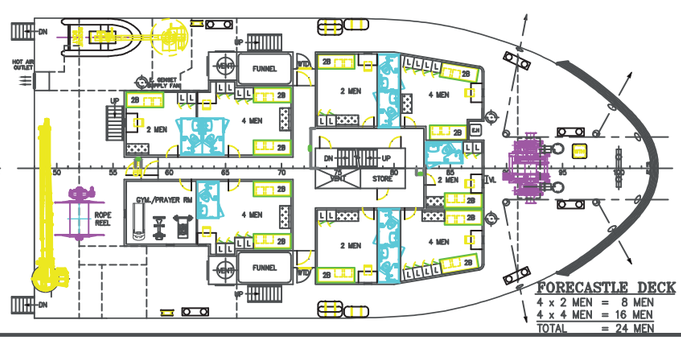




5 x 1 MAN = 5 MEN
1 x 2 MEN = 2 MEN
TOTAL = 7 MEN



3 x 1 MAN = 3 MAN
4 x 2 MEN = 8 MEN
2 x 4 MEN = 8 MEN
TOTAL = 19 MEN



4 x 2 MEN = 8 MEN
4 x 4 MEN = 16 MEN
TOTAL = 24 MEN

PRINCIPAL PARTICULARS

LENGTH O.A	66.50m
LENGTH W.L	63.00m
BEAM MLD.	16.00m
DEPTH MLD.	6.50m
DRAFT SCANTLING	5.50m
DRAFT DESIGN	5.00m
COMPLEMENT	50 MEN
FRESH WATER	370m³
D.W/S.W.B.	650m³
FUEL OIL	590m³
DRY BULK	200m³
MUD	350m³
BRINE	410m³
ORO	430m³

NAME	M.V. INW-10
OWNER	INTERNATIONAL NAVAL WORKS
SHIP	66.5m A.H./OFFSHORE SUPPORT VESSEL
TITLE	GENERAL ARRANGEMENT PLAN
SCALE	1 : 100