

M/Vs INW-6,7,8
SISTER VESSELS (CREW BOATS)

PRINCIPLE PARTICULARS	
BUILT	2016
G.R.T	73 T
N.T	21 T
Class	B.V
Notation	1*HULL . MACH
	Crew Boat
	Sea area 2
Call Sign	**INW-6** HO7262
	INW-7 HO7528
	INW-8 HO9613
Flag	PANAMA
Hull Material	Aluminium
Super Structure Material	Aluminium
Deck Strength	1 Ton/m²
Clear Deck Area	20 m²
Deck Cargo	15T

DIMENSIONS	
Length Overall	21.3 m
Length B.P	20 m
Breadth Moulded	5.68 m
Depth Moulded	2.55 m
Draft Moulded	1.1 m

PROPULSION SYSTEM	
Main Engines	2 X 1200 BHP, Caterpillar C32
Auxiliary Engines	2X 38 KW, Caterpillar C4.4
Gearboxes	ZF 3050A, 895 kW/2000 rpm
Propellers	2 X Solid Screw Propellers LB5
Anchors	1 X High Holding Anchors with ST. shackle
Maximum Speed	23 Knots.

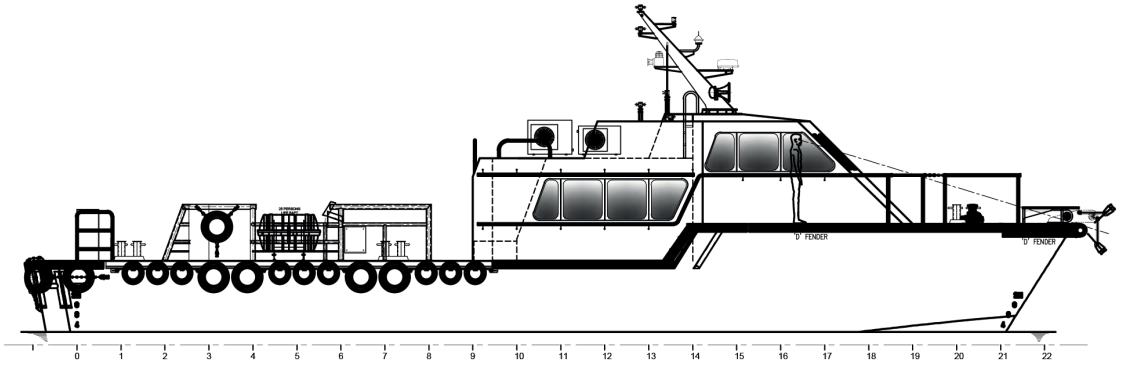
CAPACITY	
Fuel Oil	10000 L
Fresh Water	2000 L

RADIO & NAVIGATION EQUIPMENT	
VHF	1 X SAILOR/6210
Echo Sounder	1 X KODEN, CVS-128
GMDSS VHF	2 X TRON TR20 GMDSS
Magnetic Compass	1 X CASSENS & PLATH/JOTA/2
Intercom Station	1 X PHONTECH/CIS 3130
Radar	1 X Koden KODEN/MDC921
Navtex Receiver	1 X JMA NT-1800
DGPS	1 X KODEN/KGP913D
Search Light	1 X DHR
GPS COMPASS	1 X KODEN KGC-222
AIS	1 X KODEN KAT-100
EPIRB	1 X TRON 60S
SART	1 X TRON SART20
Fire Detection Panel	1 X TYCO
Auto Pilot	1 X ComNav, Commander
Binoculars	1 Set

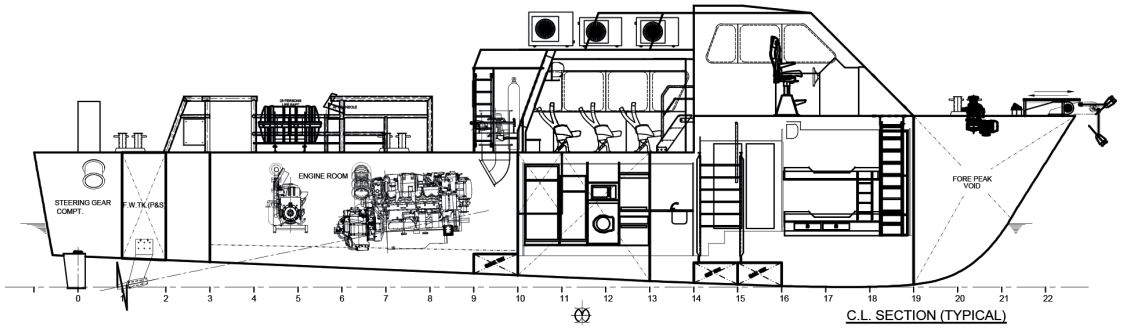
ACCOMMODATION	
Crew	4 Men
Seating Capacity	26 Men
Air Conditioning	Fully air conditioned

LIFE SAVING EQUIPMENT	
Life Buoys	6 Nos.
Life Jackets	26 Persons
Life Rafts	2 X 30 Persons
Fire Man's outfits	2 Nos.

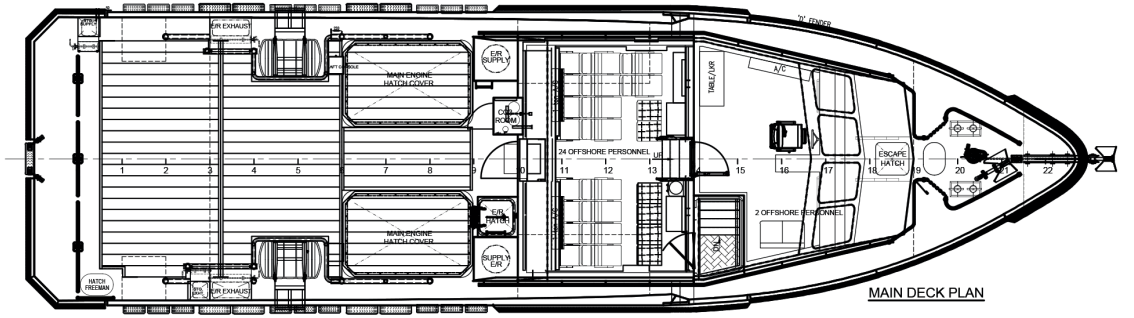
FIRE FIGHTING EQUIPMENT	
Fire Pump	1 X 30 m³/hr
Internal Fire fighting	Fixed gas flooding system in Engine room
	Portable fire extinguishers According to class
Gas Detection	Permanent fixed Smoke & Heat detectors
Portable Emergency Fire Pump	"H2S Gas detectors 1 X 36 m³/hr"



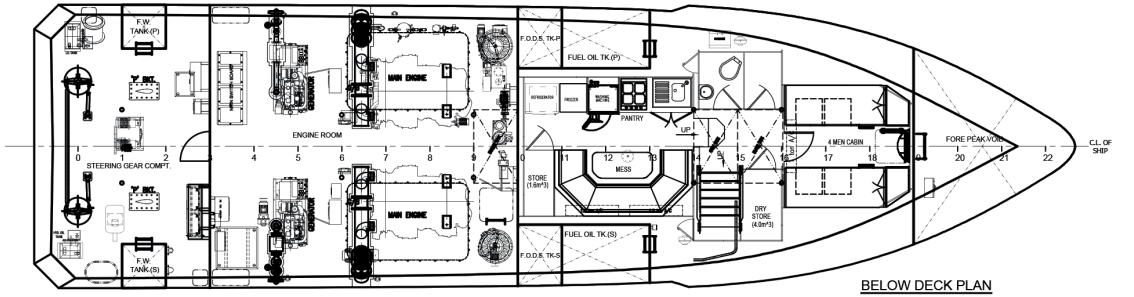
PROFILE



C.L. SECTION (TYPICAL)



MAIN DECK PLAN



BELOW DECK PLAN

MAIN PARTICULARS

LENGTH OVERALL	:	21.3 M.(70 ft)
BREADTH	:	5.80 M.
DEPTH	:	2.750 M.
DRAFT, HULL	:	1.3 M.
HULL	:	ALUMINUM
CREW	:	4
SEATING CAPACITY	:	26
MAIN ENGINES	:	2 x CAT -C32 ACERT
		1200 BHP (894kw) @ 2000 RPM
GENERATORS	:	2 CAT 4.4 x 38 eKW, 380V, 50Hz, 3 PH.
DECK CARGO	:	15 TONNES
CAPACITIES:		
FUEL OIL	:	10,000 LITRES (Approx)
FRESH WATER	:	2000 LITRES (Approx)
CLASS NOTATION	:	I ⍋ HULL ✦MACH
	:	CREW BOAT
	:	SEA AREA 2
DWT	:	25 T (APPROX)
SPEED	:	21 KNOTS

Note : THIS DRAWING IS ALSO APPLICABLE FOR HULL NO. H 149/15, JOB NO. J-368 AA & HULL NO. H150/15, JOB NO. J-369 AA.

REV.	DESCRIPTIONS	DATE	DRN.	CHKD.	APPD.	ISSUE
1	REVISED AS PER CLASS COMMENT	20/11/24	JEFFIN	VINOD	MUB	IFA
1	SEATING CAPACITY INCREASED	01/11/24	JEFFIN	VINOD	MUB	IFA
1	AS FITTED INFORMATION INCORPORATED	21/04/16	SHAJU	JAYAN	SURAJ	IFP
1	owner's comments incorporated:- a. cargo rail and vent box modified. b. life raft shifted to aft main deck. c. fwd bollard & handrail modified. d. fender arrangement modified. e. Aft console added.	19/04/16	SHAJU	JAYAN	SURAJ	IFA
1	F.O.D.S TANK ADDED	02/11/15	CMM	JAYAN	SURAJ	IFA
1	DRAWING UPDATED AS CLIENT COMMENTS	20/09/15	CMM	JAYAN	SURAJ	IFA
1	DRAWING UPDATED AS CLIENT COMMENTS	20/09/15	CMM	JAYAN	SURAJ	IFA
1	DRAWING UPDATED AS PER DESIGN PROGRESS.	14/09/15	SIVAJI	JAYAN	SURAJ	IFA
1	MODIFIED GENERATOR RATING	05/08/15	NISHAD	NADEEM	SURAJ	IFA
1		11/05/15	NISHAD	NADEEM	SURAJ	IFA

DESIGN CLASS : BV GRANDWELD

INTERNATIONAL NAVAL WORKS

PROJECT: 21.3 M ALUM.CREW.BOAT

SHEET CONTENTS: GENERAL ARRANGEMENT

JOB NO. : J-367 AA / H-149/15

DRAWN BY	: CHIRAG	DATE	: 11/05/2015	DWG. NO. :- H148-101-001	REVISION:- R6
CHECKED BY	: JAYAN	SCALE	: 1:50		
APPROVED BY	: SB	FORMAT	: A1	SHEET 1 OF 1	

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