



EKSPRES 70

Fast Utility Craft/ Crewboat

PRINCIPAL PARTICULARS

Year Built	2012
Place Built	Singapore
Design	Penguin Shipyard Int'l
Flag	Malaysia
Length Overall	36.00 m
Length BP	32.40 m
Breadth Moulded	7.60 m
Depth Moulded	3.65 m
Draft (max)	1.82 m
Freeboard (SLL)	1.51 m
Class	BV
Notation	I, + Hull, + Mach, Crewboat, Urestricted navigation, Max Significant Wave ht 3.0 m
GRT/ NRT	239.00 T / 71.00 T
Deadweight	114.45 T

DECK PARTICULARS

Clear Deck Area	80.00 m ²
Deck Carrying Load	40.00 T
Deck Strength	2.00 T/m ²

PERFORMANCE

Maximum Speed	25 Knots @ 16 T/24 hrs @ 31 T DWT
Economic Speed	23 Knots @ 14 T/24 hrs @ 31 T DWT

PROPULSION SYSTEM

Main Engines	3 x Cummins KTA 38-M2, 1350BHP @ 1900 RPM
Auxiliary Engines	2 x Cummins 6BT5.9DM, 80 kW @ 1500 RPM
Portable Generator	DENKO KDE 3300, 115/240 AC, 3.6 kW
Bow Thruster	45 kW Electro Hydraulic
Propellers	3 x Fixed Pitch Propellers
Steering Gear System	2 x Electro Hydraulic RAM
Rudder	2 x Balanced Rudder

TANK CAPACITIES

Fuel Oil	60.00 m ³ @ 95% fill
Fresh Water	28.10 m ³ @ 95% fill

DECK EQUIPMENT

Anchor Windlass c/w Bow	HYPAC HHAW 15-32 415V, 4 kW
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ACCOMMODATION

Passenger Seats	70
Crew	2 x 1, 1 x 2, 1 x 4 = 8



EXTERNAL FIRE-FIGHTING EQUIPMENT

Fi-Fi Notation	Equivalent to 1/4 Fi-Fi c/w Water Spray System
Fi-Fi Monitors	600 m ³ /h, 115 m Throw Length
Fi-Fi Pump	600 m ³ /hr, SFP 250x350xP
Oil Dispersant System	Inductor, Proportion Pump, 200 L

INTERNAL FIRE-FIGHTING & ANTI-POLLUTION EQUIPMENT

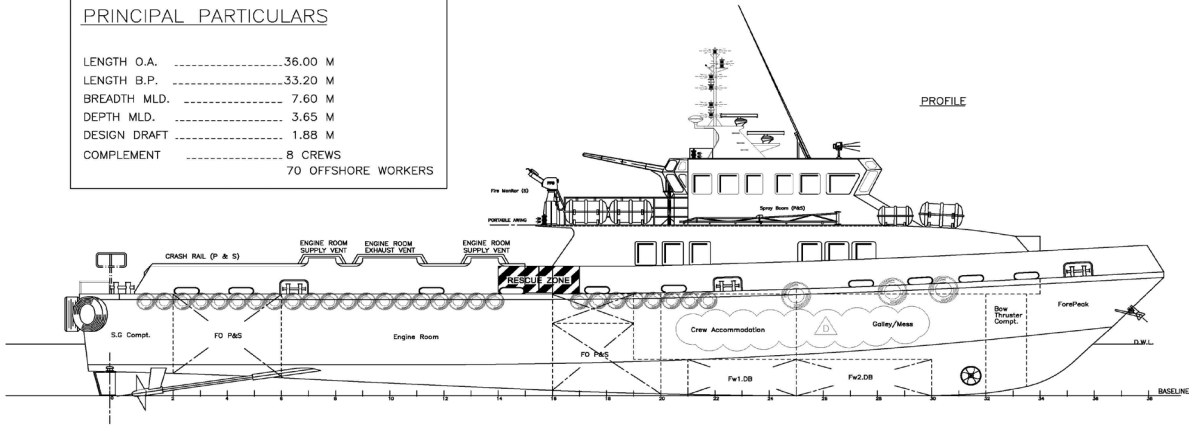
Emergency Fire Pump	YANMAR, 30m ³ /hrs
CO2 Fi-Fi System	Fixed CO2 System for Engine Rm @ 35m head
Fire Detection & Alarm	Apollo M8000

LIFE-SAVING EQUIPMENT

Life Rafts	6 x 25, 2 x 10 men
Rescue Boat c/w Davit	1 x 6 men, 25 HP Outboard engine, NON-SOLAS

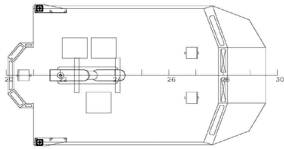
PRINCIPAL PARTICULARS

LENGTH O.A. 36.00 M
 LENGTH B.P. 33.20 M
 BREADTH MLD. 7.60 M
 DEPTH MLD. 3.65 M
 DESIGN DRAFT 1.88 M
 COMPLEMENT 8 CREWS
 70 OFFSHORE WORKERS

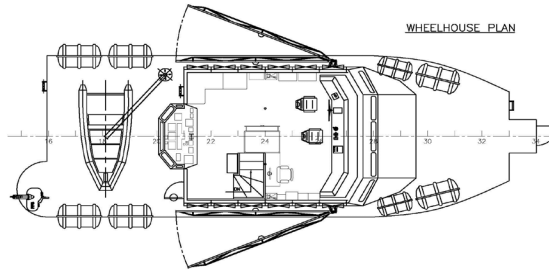


PROFILE

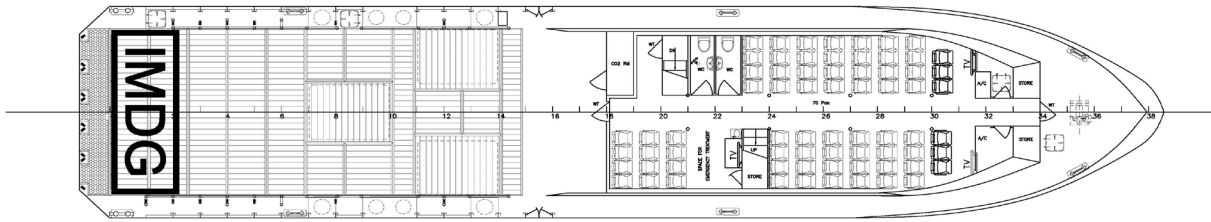
WHEELHOUSE TOP



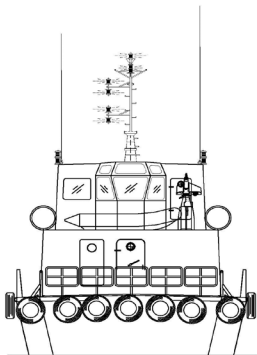
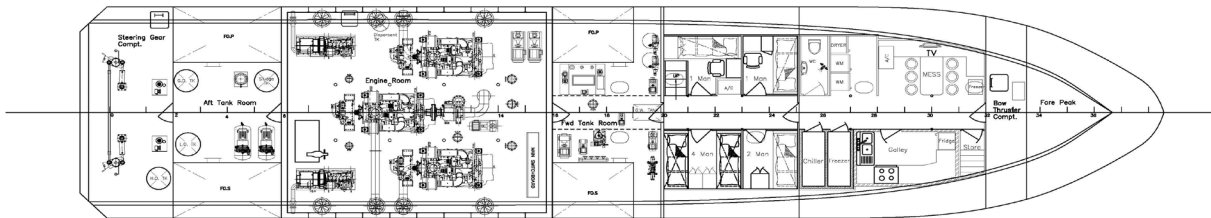
WHEELHOUSE PLAN



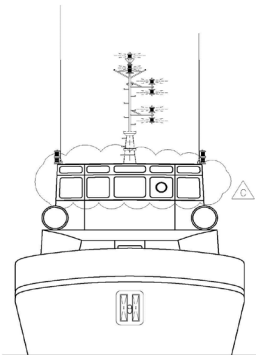
MAIN DECK



BELOW MAIN DECK



STERN VIEW



FRONT VIEW

D	Revised compt. name in profile view	29,NOV,2011	ZH	Yard Comment
C	Update W/H windows	03,MAY,2011	ZH	Yard Comment
B	Rearrange Galley/Mess Room & Crew Accommodation	20,APR,2011	ZH	Owner Request
Rev	Modification	Date	Done	Remark

PROJECT: Flex-36 (H180)

TITLE: GENERAL ARRANGEMENT

PENGUIN SHIPYARD INTERNATIONAL PTE LTD
 18 Tuas Basin Link, Singapore 638784 Tel: 68628322 Fax: 68622150

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