



EXPRESS 68

Fast Utility Craft/ Crewboat

PRINCIPAL PARTICULARS

Year Built	2010
Place Built	Penguin Shipyard - Singapore
Design	Flex - 36S
Flag	Indonesia
Length Overall	36.00 m
Length BP	32.40 m
Breadth Moulded	7.60 m
Depth Moulded	3.65 m
Draft (max)	1.78 m
Freeboard (SLL)	1.41 m
Class	BV
Notation	I, HULL, MACH, Crewboat, Sea Area 3, Max. Significant Wave Height Not Exceeding 3.0 m
GRT/ NRT	239.00 T / 71.00 T
Deadweight	114.35 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/24hrs
Economic Speed	23 Knots @ 14 T/24hrs

PROPULSION SYSTEM

Main Engines	3 x Cummins, KTA38-M2, 1350 BHP @ 1900 RPM, Total 4050 BHP
Auxiliary Engines	2 x Cummins 6BT5.9DM, 80 kW @ 1500 RPM
Portable Generator	Denko KDE3300, Air-cooled Diesel Engine
Bow Thruster	45 kW Electro Hydraulic, 0.6 T Thrust
Propellers	3 x Fixed Pitch Propellers, 5-Blade
Steering Gear System	2 x Electro Hydraulic Ram
Rudder	2 x Balanced Rudder

TANK CAPACITIES

Fuel Oil	60.60 m ³ @ 95% fill
Fresh Water	28.10 m ³ @ 95% fill

DECK EQUIPMENT

Anchor Windlass c/w Bow	Hypac HHAW15-32
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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 System c/w Water Spray
Fi-Fi Monitors	600 m ³ /hr, 115 m Throw Length
Fi-Fi Pump	600 m ³ /hr
Oil Dispersant System	V-jet Nozzles (P & S)

INTERNAL FIRE-FIGHTING & ANTI-POLLUTION EQUIPMENT

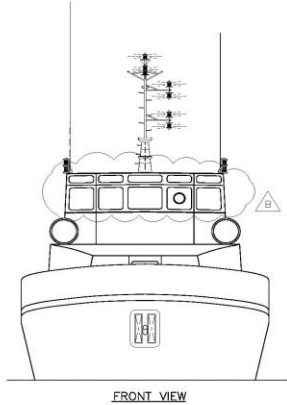
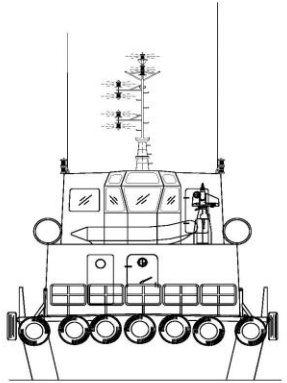
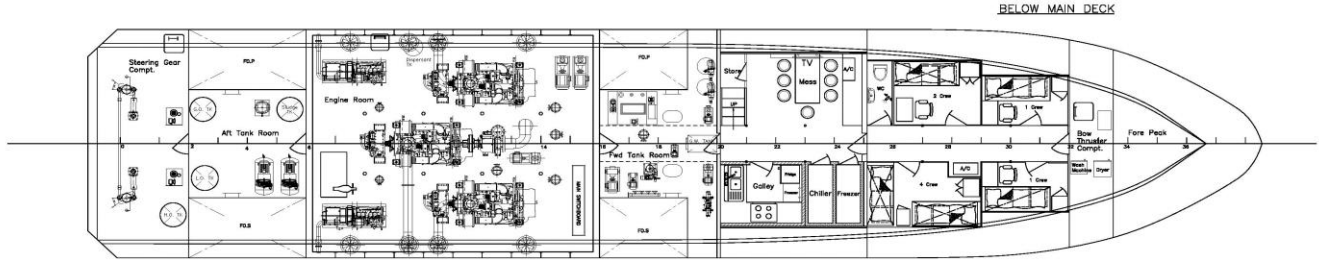
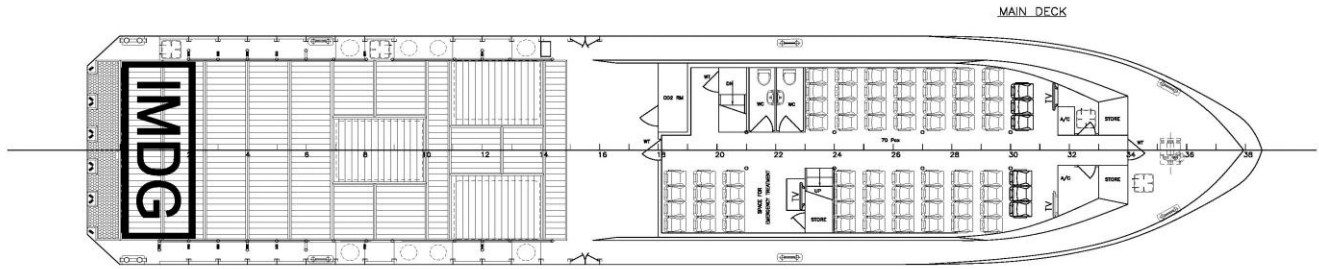
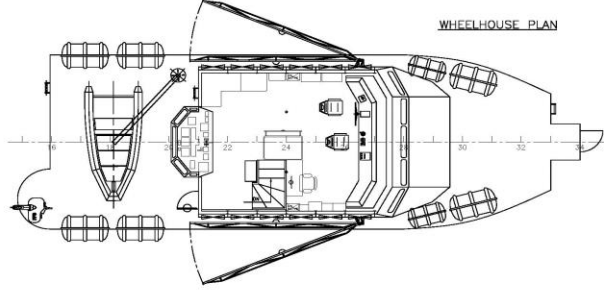
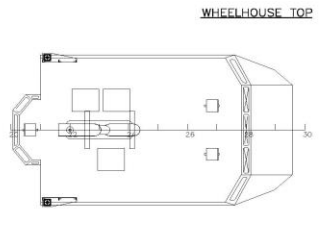
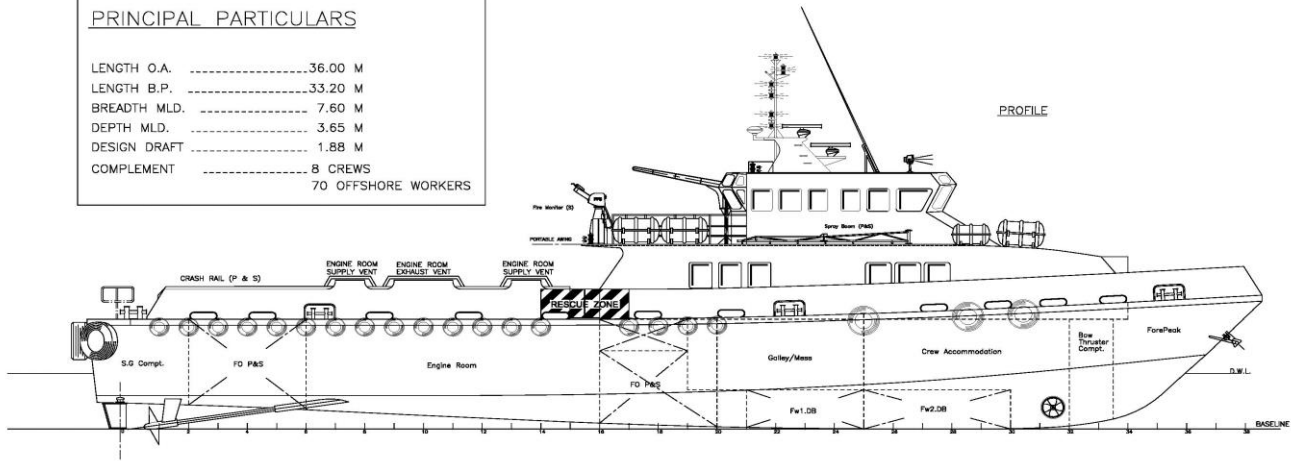
Emergency Fire Pump	Matsuka / Yanmar, 30 m ³ /hr @ 35 m Head
CO2 Fi-Fi System	Fixed CO2 System for Engine Room
Fire Detection & Alarm	ARMSTRONG M800 for Living Space & Engine Room

LIFE-SAVING EQUIPMENT

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

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



Rev	B	Update W/H window	03,MAY,2011	ZH	Yard comment
Rev		Modification	Date	Done	Remark
PROJECT: Flex-36 (H178)					
TITLE: GENERAL ARRANGEMENT					
PENGUIN SHIPYARD INTERNATIONAL PTE LTD 18 Tuas Basin Link, Singapore 638784 Tel: 68628322 Fax: 68622150 <small>This drawing and the information contained herein is supplied on the understanding that they are the exclusive property of Penguin Shipyards International Pte Ltd. They must not be used or reproduced in whole or in part, without permission in writing.</small>					
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