



## EXPRESS 65

Fast Utility Craft/ Crewboat

### PRINCIPAL PARTICULARS

Year Built	2010
Place Built	Penguin Shipyard, Singapore
Design	Penguin Hull No. 171
Flag	Panama
Length Overall	36.00 m
Length BP	33.20 m
Breadth Moulded	7.60 m
Depth Moulded	3.65 m
Draft (max)	1.88 m
Freeboard (SLL)	1.50 m
Class	BV
Notation	I, + HULL, + MACH, Crewboat, Unrestricted navigation, Max. significant wave ht 3.0 m
GRT/ NRT	236.00 T / 71.00 T
Deadweight	114.95 T

### DECK PARTICULARS

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

### PERFORMANCE

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

### PROPULSION SYSTEM

Main Engines	3 x Cummins, KTA 38-M2, 1350 BHP, 1007 kW @ 1900 RPM, Total 4050 BHP
Auxiliary Engines	2 x Cummins 6BT5.9-D(M), 80 kW @ 1500 RPM
Emergency Generator	DENKO KDE3300E, 3.6 kW
Bow Thruster	SCANDIA, S60-80 ALU, 100 HP, Electro Motor Driven, 0.6 T
Propellers	3 x Fixed Pitch Propeller
Steering Gear System	2 x RIQ OE21D80/40-305-1.5-35-T
Rudder	3 x MENCAST

### TANK CAPACITIES

Fuel Oil	60.60 m <sup>3</sup>
Fresh Water	28.10 m <sup>3</sup>

### CARGO DISCHARGE CAPACITIES

Fuel Oil Pump	44 m <sup>3</sup> /hr
Fresh Water Pump	Nil
Bilge	1 Unit

### DECK EQUIPMENT

Anchor Windlass c/w Bow	HYPAC, HHAW15-32, 4 kW/10A, 1 pc, Total Weight 135 kg
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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	SFP 250 x 350 HD
Fi-Fi Monitors	600 m <sup>3</sup> /hr, 105 m Head
Fi-Fi Pump	600 m <sup>3</sup> /hr @ 115 m head
Oil Dispersant System	Spray

### INTERNAL FIRE-FIGHTING & ANTI-POLLUTION EQUIPMENT

Emergency Fire Pump	KIPOR, KM170F Engine
CO2 Fi-Fi System	4 x Fix CO2 SYSTEM for Engine room
Fire Detection & Alarm	Optical Smoke, Multi-Sensor Smoke & Heat Detector

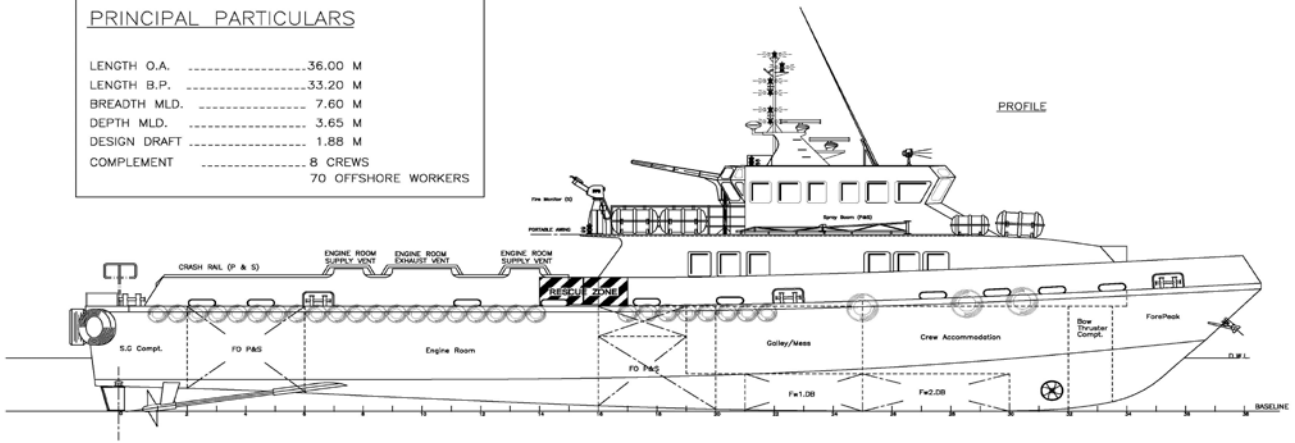
### LIFE-SAVING EQUIPMENT

Life Rafts	6 x 25, 2 x 10 men, SOLAS Compliant
Rescue Boat c/w Davit	1 x 6 men, 25 HP, 24 L, SOLAS Compliant

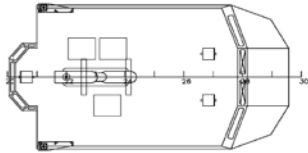
PRINCIPAL PARTICULARS

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

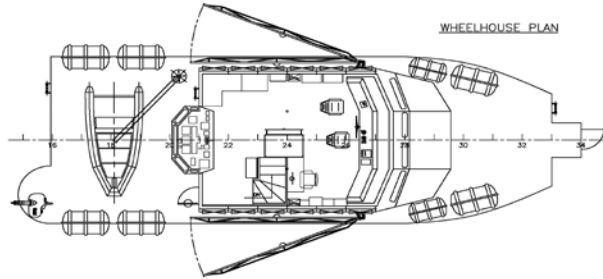
PROFILE



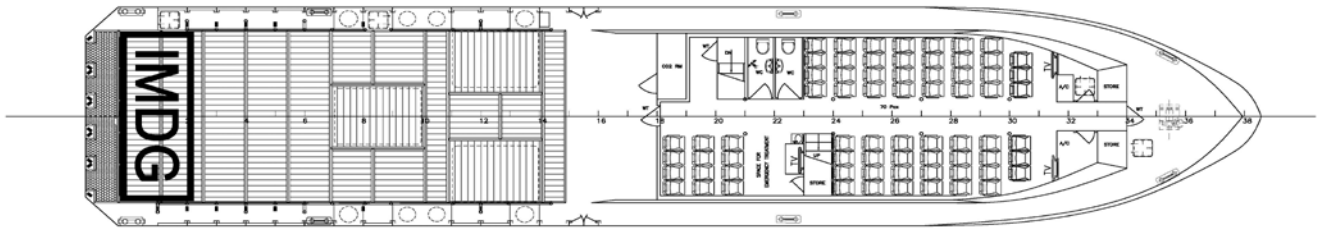
WHEELHOUSE TOP



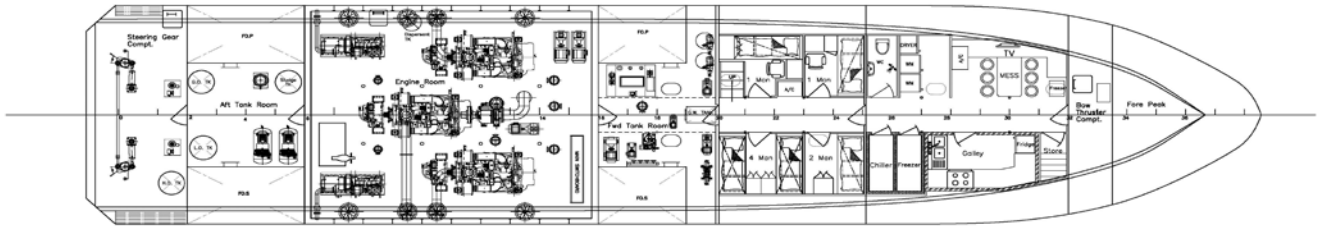
WHEELHOUSE PLAN



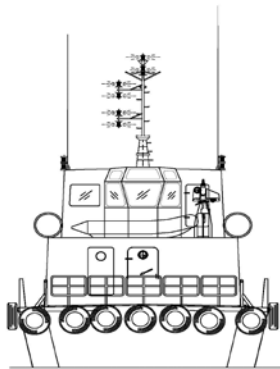
MAIN DECK



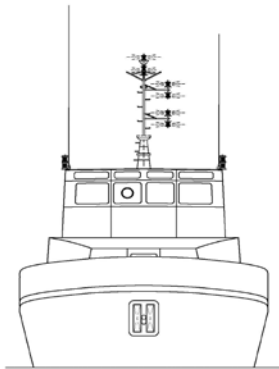
BELOW MAIN DECK



STERN VIEW



FRONT VIEW



B	Rearrange Galley/Mess Room & Crew Accommodation	20,APR,2011	ZH	Owner Request
Rev	Modification	Date	Done	Remark
PROJECT: Flex-36 (H171)				
TITLE: GENERAL ARRANGEMENT				
<b>PENGUIN SHIPYARD INTERNATIONAL PTE LTD</b> 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 Shipyard International Pte Ltd. They must not be used or reproduced in whole or in part, without permission in writing.</small>				
DRAWN: ZH	DATE: 04,MAR,2010	SCALE: 1/75 (A1)		
CHECKED: PATRICK	DATE: 04,MAR,2010	REVISION: B		
DRAWING No.: PBIL-H168-G-01				SHEET: 1 OF 1