



EXPRESS 73

Fast Utility Craft/ Crewboat

PRINCIPAL PARTICULARS

Year Built	2012
Place Built	Singapore
Design	Penguin Shipyard Int'l
Flag	Malaysia
Length Overall	38.00 m
Length BP	35.62 m
Breadth Moulded	7.60 m
Depth Moulded	3.65 m
Draft (max)	1.89 m
Freeboard (SLL)	1.41 m
Class	DNV-GL
Notation	I +HULL +MACH, Crewboat, Unrestricted navigation, Max significant wave ht 3.0 m
GRT/ NRT	257.00 T / 77.00 T
Deadweight	125.96 T

DECK PARTICULARS

Clear Deck Area	80.00 m ²
Deck Carrying Load	55.00 T
Deck Strength	2.00 T/m ²

PERFORMANCE

Maximum Speed	27 Knots @ 16 T/24hrs
Economic Speed	25 Knots @ 14 T/24hrs

PROPULSION SYSTEM

Main Engines	3 x Cummins KTA 38-M2, 1350 BHP, 1007 kW @ 1900RPM, Total 4050 BHP
Auxiliary Engines	3 x Cummins 6BT5.9-DM1, 80 kW @ 1500 RPM
Portable Generator	Denko KDE 3300
Emergency Generator	Nil
Bow Thruster	75 HMM-650, 0.9 T Thrust
Propellers	3 x Fixed Pitch Propellers
Steering Gear System	2 x NUFOSSE Pump
Rudder	2 Units

TANK CAPACITIES

Fuel Oil	65.34 m ³
Fresh Water	30.31 m ³

CARGO DISCHARGE CAPACITIES

Fuel Oil Pump	23 m ³ /hr, TECO 7.5 HP, 5.5 kW
Fresh Water Pump	Marathon 5 KC39RN114GT 3/4 HP
Bilge	Nil

DECK EQUIPMENT

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

Passenger Seats	90
Crew	6

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, 100 m Throw Length, FFS600LB
Fi-Fi Pump	600 m ³ /hr@100m, 250x350xP
Oil Dispersant System	Inductor, Proportion Pump, 200 L

INTERNAL FIRE-FIGHTING & ANTI-POLLUTION EQUIPMENT

Emergency Fire Pump	YanMar YDP 20E, 30m ³ /hr @ 35 m head
CO2 Fi-Fi System	Fixed CO2 System for Engine Room
Fire Detection & Alarm	Apollo

LIFE-SAVING EQUIPMENT

Life Rafts	4 x 10, 8 x 25 men
Rescue Boat c/w Davit	1 x 6 men, 25 HP, 20 L Fuel Cpty, SOLAS Compliant

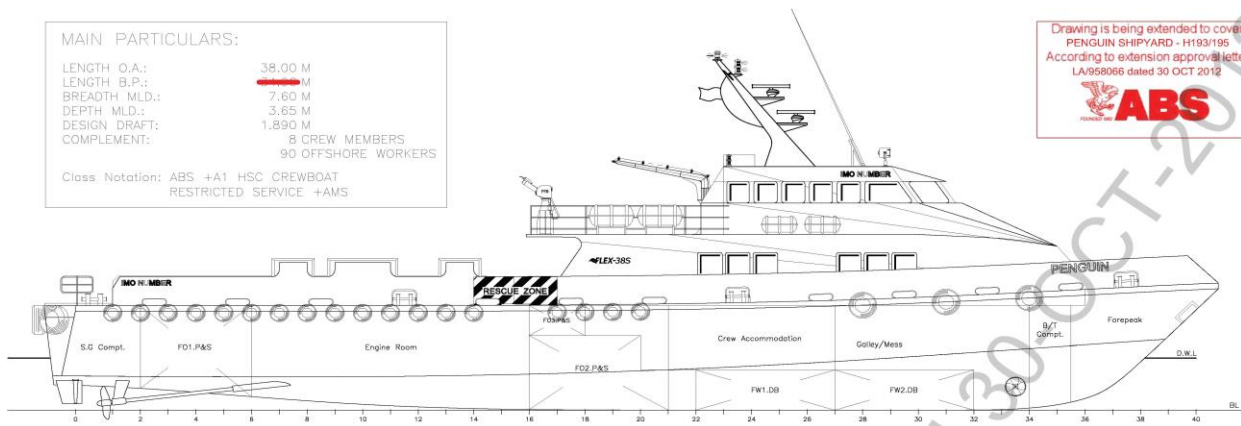
Particulars are believed to be correct but not guaranteed. Owners reserve the rights to amend the specifications without notifications. Particulars are entirely without warranty as to correctness and interested parties must inspect vessel's certificates, drawings or physical inspection of vessel.

MAIN PARTICULARS:

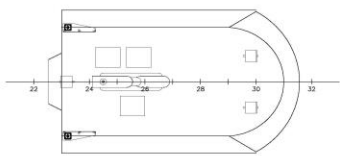
LENGTH O.A.: 39.00 M
 LENGTH B.P.: 39.00 M
 BREADTH MLD.: 7.60 M
 DEPTH MLD.: 3.65 M
 DESIGN DRAFT: 1.890 M
 COMPLEMENT: 8 CREW MEMBERS
 90 OFFSHORE WORKERS

Class Notation: ABS +A1 HSC CREWBOAT
 RESTRICTED SERVICE +AMS

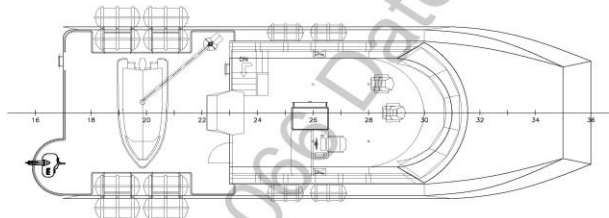
Drawing is being extended to cover
 PENGUIN SHIPYARD - H193/195
 According to extension approval letter
 LA/958066 dated 30 OCT 2012

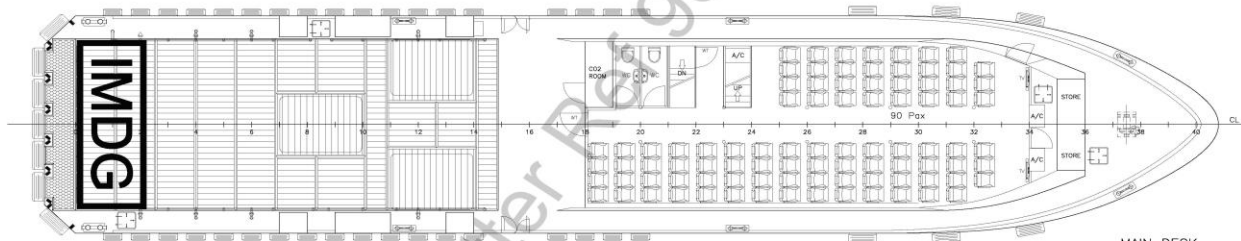
PROFILE



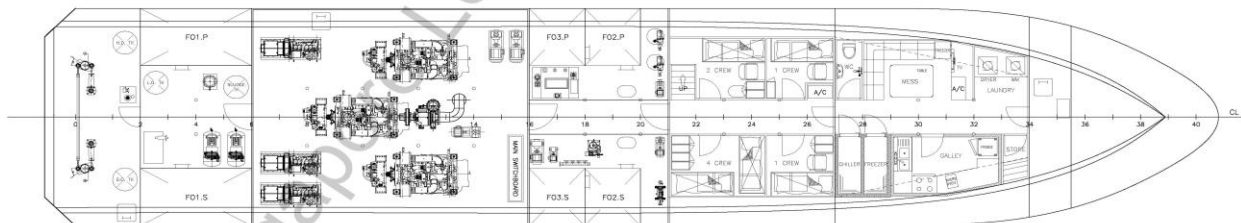
WHEELHOUSE TOP



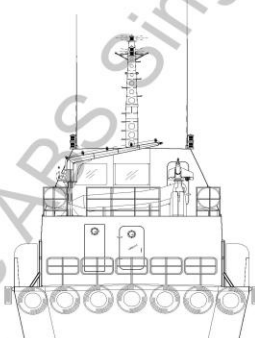
WHEELHOUSE PLAN



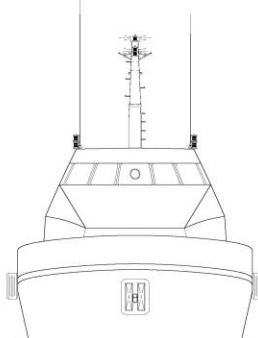
MAIN DECK



BELOW MAIN DECK



STERN VIEW



FRONT VIEW

REVIEWED
 Details of this review are as indicated in the
 ABS Letter



- DOOR AT FR.34, BELOW MAIN DECK, TO OPEN IN DIRECTION OF ESCAPE.
 - EFFICIENT MEANS OF DRAINAGE TO BE PROVIDED FOR DECKHOUSE AT MAIN DECK.

PROJECT:	FLEX-38S(H187-188)		
TITLE:	GENERAL ARRANGEMENT		
 PENGUIN SHIPYARD INTERNATIONAL PTE LTD 18 Tuas Basin Link, Singapore 638784 Tel: 68628322 Fax: 68622150			
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DRAWN:	ZH	DATE:	01,AUG,2011
CHECKED:	PATRICK	DATE:	08,AUG,2011
APPROVED:	PATRICK	DATE:	20,AUG,2011
DRAWING No:	PSI-H191-G-01	SIZE:	A1
		SCALE:	1:75
		REVISION:	A
		SHEET:	1 OF 1