

Uniexpress 22

Fast Crewboat/ Utility Vessel

PRINCIPAL PARTICULARS

Year Built	2013
Place Built	Singapore
Design	Penguin, Flex - 38, Penguin Shipyard Int'l
Flag	Thailand
Length Overall	38.00 m
Length BP	34.96 m
Breadth Moulded	7.60 m
Depth Moulded	3.65 m
Draft (max)	1.89 m
Freeboard (SLL)	1.41 m
Class	BV
Notation	I +HULL, +MACH, Crew Boat, Sea Area 3 (Max, Sig, Wave Height > 3m)
GRT/ NRT	236.00 T / 71.00 T
Deadweight	131.47 T

DECK PARTICULARS

Clear Deck Area	80.00 m ²
Deck Carrying Load	45.00 T
Deck Strength	2.00 T/m ²

PERFORMANCE

Maximum Speed	21 Knots @ 14.83 T/24 hrs @ 130.97 T DWT
Economic Speed	16 Knots @ 7.70 T/24 hrs @ 130.97 T DWT

PROPULSION SYSTEM

Main Engines	3 x Baudouin-12M26.2-A 225, 1100 BHP@ 1900 RPM, Total 3300 BHP
Auxiliary Engines	2 x Baudouin-6W105 S @ 50 Hz, @ 1500 RPM
Portable Generator	KDE3300E Diesel Generator, 50 Hz, 115/230V, 3 kW
Emergency Generator	Denko
Bow Thruster	Linde HPV55-02, 45 kW
Propellers	3 x Nickel Aluminum Bronze Mencast
Steering Gear System	2 x Hydraulic Pump
Rudder	2 x Stainless Steel Air Foil Type

TANK CAPACITIES

Fuel Oil	65.35 m ³
Fresh Water	30.31 m ³

CARGO DISCHARGE CAPACITIES

Fuel Oil Pump	23.00 m ³ /hr
Fresh Water Pump	Nil
Bilge	30.00 m ³ /hr

DECK EQUIPMENT

Anchor Windlass c/w Bow	Hypac, HHAW15-32
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ACCOMMODATION

Passenger Seats	90
Crew	2 x 4, 2 x 1 = 10

EXTERNAL FIRE-FIGHTING EQUIPMENT

Fi-Fi Notation	Nil
Fi-Fi Monitors	Fi-Fi Monitor, 600 m ³ /h, 130 m Throw Length
Fi-Fi Pump	Centrifugal pump, 600 m ³ /hr @ 130m
Oil Dispersant System	V-Jet nozzles(P&S), 200 L Dispersant Tank

INTERNAL FIRE-FIGHTING & ANTI-POLLUTION EQUIPMENT

Emergency Fire Pump	Matsuka / Yanmar QP 205, 3600 RPM @ 530L/min
CO2 Fi-Fi System	4 x Fixed CO2 System for Engine Room
Fire Detection & Alarm	TYCO, Minerva T2000

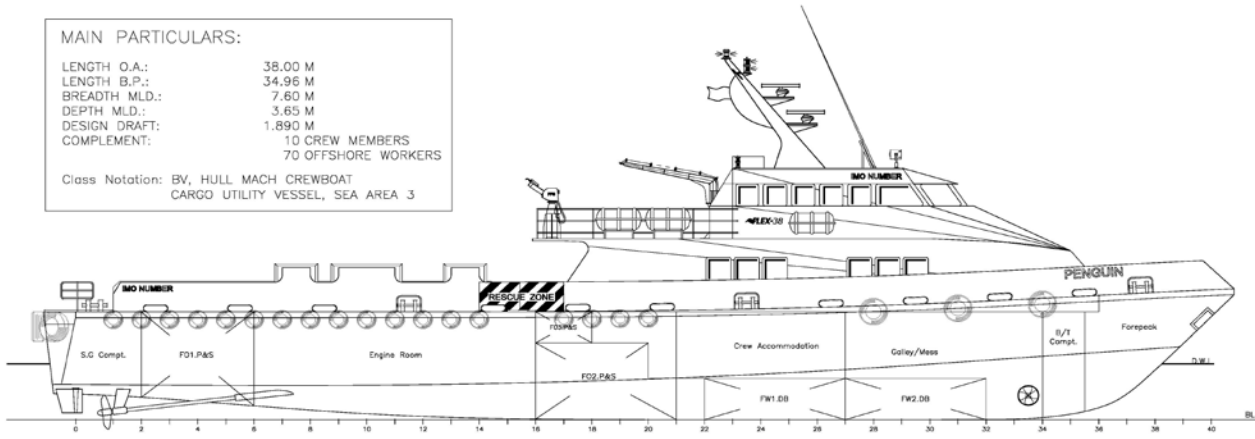
LIFE-SAVING EQUIPMENT

Life Rafts	6 x 25, 2 x 20, 2 x 10 men, SOLAS Compliant
Rescue Boat c/w Davit	Nil

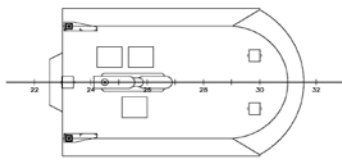
MAIN PARTICULARS:

LENGTH O.A.: 38.00 M
 LENGTH B.P.: 34.96 M
 BREADTH M.L.D.: 7.60 M
 DEPTH M.L.D.: 3.65 M
 DESIGN DRAFT: 1.890 M
 COMPLEMENT: 10 CREW MEMBERS
 70 OFFSHORE WORKERS

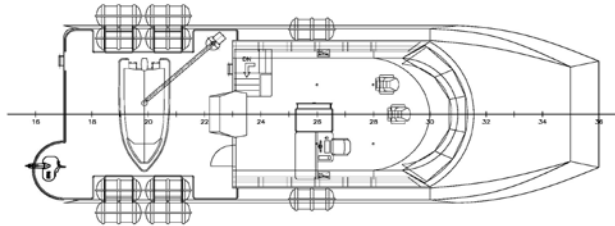
Class Notation: BV, HULL MACH CREWBOAT
 CARGO UTILITY VESSEL, SEA AREA 3



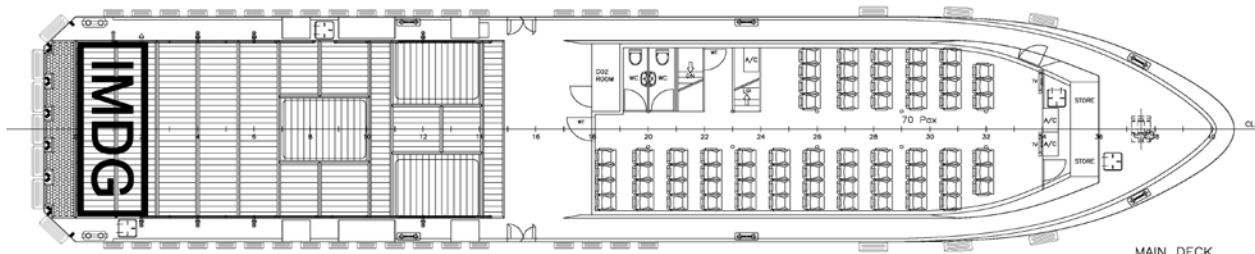
PROFILE



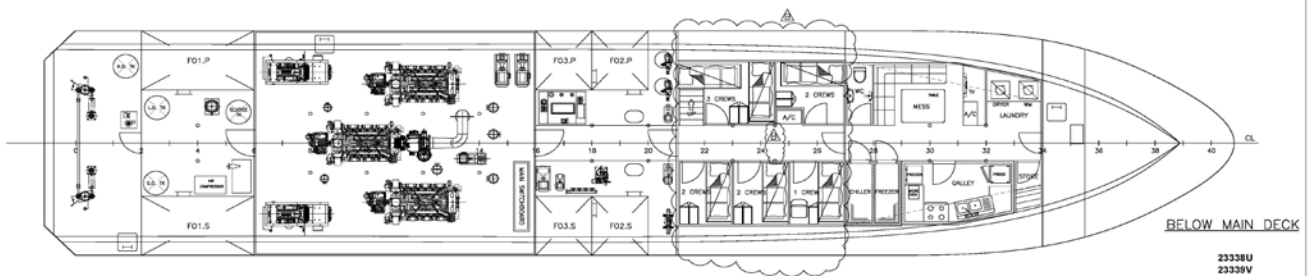
WHEELHOUSE TOP



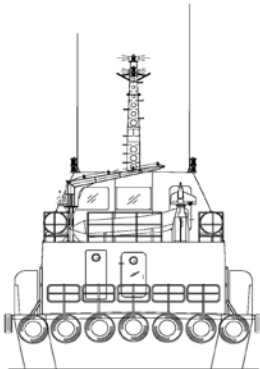
WHEELHOUSE PLAN



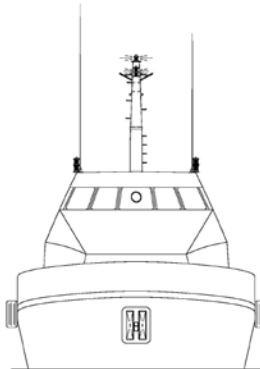
MAIN DECK



BELOW MAIN DECK



STERN VIEW



FRONT VIEW

23338U
 23338V
 BUREAU VERITAS Section 23340W.....
 VJ avec observations
 Singapore, 15-Jan-2013
 (Electronic document)
 The plan approval office

SEE BY COMMENT SHEET: SPOF3002293

B	UPDATE CREW CABIN ROOM LAYOUT AND SHIFT PILLAR LOCATION	THH	22/OCT/2012	YARD COMMENT	
REV:	MODIFICATION	DCNE	DATE	REMARK	
PROJECT:	FLEX-38(H200-202)				
TITLE:	GENERAL ARRANGEMENT				
PENGUIN SHIPYARD INTERNATIONAL PTE LTD 18 Tuas Basin Link, Singapore 638784 Tel: 68628322 Fax: 68622150 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.					
DRAWN:	ZH	DATE:	01,AUG,2011	SIZE:	A1
CHECKED:	PATRICK	DATE:	08,AUG,2011	SCALE:	1:75
APPROVED:	PATRICK	DATE:	20,AUG,2011	REVISION:	G
DRAWING No.:	PSI-H196-G-01			SHEET:	1 OF 1