

SURYA IPOH

FAST CREW BOAT & UTILITY VESSEL



A15-5 Menara UOA Bangsar
No 5 Jalan Bangsar Utama 1
59000 Kuala Lumpur, Malaysia.
Tel: +603-27103970
E-mail: admin@suryanautika.com.my



PRINCIPAL PARTICULARS

Port Of Registry : Port Kelang
 Call Sign : 9MGW7
 IMO No. : 9375032
 Official No. : 330584
 Year Built : 2006
 Class : RINA
 Notation : 1✕ Hull ✕ Mach Crew boat ; Special service
 –Utility vessel, Coastal Water
 Type : Fast Crew Boat / Utility Vessel
 Flag : Malaysia
 Owner : Surya Nautika Sdn Bhd
 Operator : Surya Nautika Sdn Bhd

DIMENSION

Length Overall : 34.00 m
 Length Registered : 31.49 m
 Breadth Moulded : 7.83 m
 Depth Moulded : 3.30 m
 Draft Moulded : 1.50 m
 Summer freeboard : 1.735 m
 GRT : 226 mt
 NRT : 67 mt
 Deadweight : 44 mt

PERFORMANCE

Seed : 20.0 - 22.0 knots
 Type of fuel : Marine Gas Oil

CARGO CAPACITIES

Deck Cargo : +/-40 mt
 Deck Strength : 2.5 Ton/m²
 Clear Deck Area : 65.10 m² (6.2m x 10.5m)
 Fuel Oil : 50 m³
 Fresh Water : 20 m³
 Sludge Tank : 250 ltrs
 Dispersant tank : 200 ltrs
 Cargo railing height : 1.5m

PROPULSION SYSTEM

Main Engine : 3 x 1350 BHP @ 1950 rpm Cummins KTA 38M2
 Main Generator : 2 x 75 kW Cummins 6BT5.9 DM
 Bow Thruster : 1 x 1 Ton Thrust
 Steering Gear : 1 x Kobelt 7175 MA (electrohydraulic)
 Propulsion : 3 x 5 Bladed FPP of Nickel Aluminum Bronze
 Rudders : 2 nos

DECK EQUIPMENT

Anchor Winch : Electrical, single drum and warping head
 1 ton nominal pull at 9m/min
 Anchors : High Holding Power type, 1 x 135kg (approx.)
 Chains : Steel wire rope (length and breaking strength as
 required by Class) c/w 12.5m x 14mm dia. stud
 link chain
 Bollards : 6 x 100mm dia. double-bit / 2 x 100mm dia. single
 bit
 Mooring Chocks : 4

FIRE FIGHTING EQUIPMENT

External

Fire monitor : 2 units fitted on the port and starboard side aft
 (stern) on the main deck.
 Fire pump : 300m³/hr (Volvo Penta – Standalone unit)

Internal

Fixed System in E/R : CO₂ System
 Fire Detection System : Fire Alarm Panel Notifier
 Emergency Fire Pump : Desmi 50m³/hr Electric Motor Driven
 Fireman's outfit : 2 units complete with breathing device
 Fire blanket : 1 nos.

NAVIGATIONAL /COMMUNICATION EQUIPMENTS

GMDSS : 1 set Icom IC-M304
 SSB : 1 set Sailor
 SART : 2 x ACR PATHFINDER TM
 EPIRB : 1 set (Satfind, Nat Satfind 40611)
 Inmarsat C : 1 set Sailor
 VHF Radio : 2 x SAILOR
 Portable VHF Radio: 3 x handheld VHF, 2.5W, I.S. type c/w spare battery
 & charger
 Satellite Phone/fax : 1 unit Mini-M
 Navtex Receiver : 1 x JMC NT -1800
 X-Band Radar : 1 x Furuno
 Echo Sounder : 1 x Skipper Nanjing Marine, ED161
 GPS : 1 x Furuno c/w 4.5" LCD display
 Autopilot : 1 x SIMRAD AP50
 Speed Log : 1 x Anthea
 Magnetic Compass : 1 x CASSENS & PLATH GmbH
 AIS : SIMRAD A180

ACCOMMODATIONS

Berths : 10 berths for marine officer/crew
 Passenger Seating : 70 persons
 *All cabins are fully air-conditioned

LIFE SAVING APPLIANCE

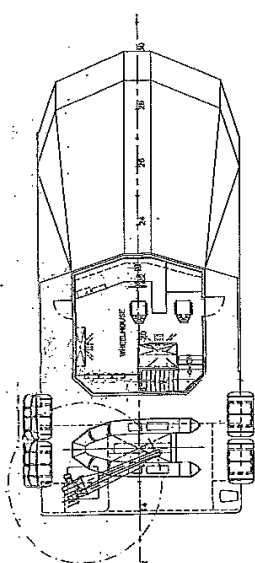
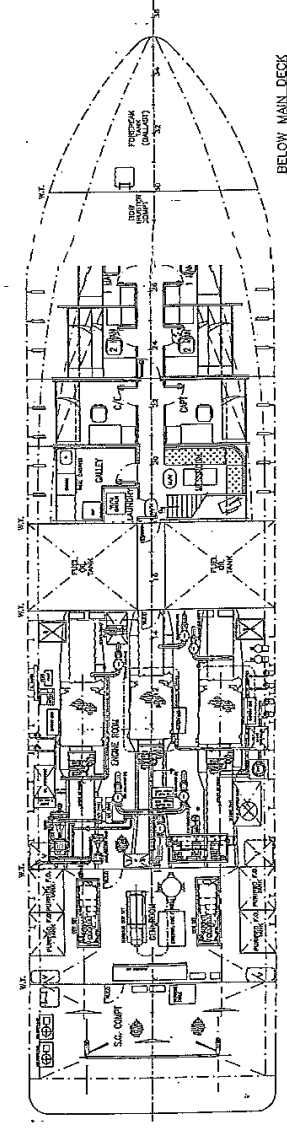
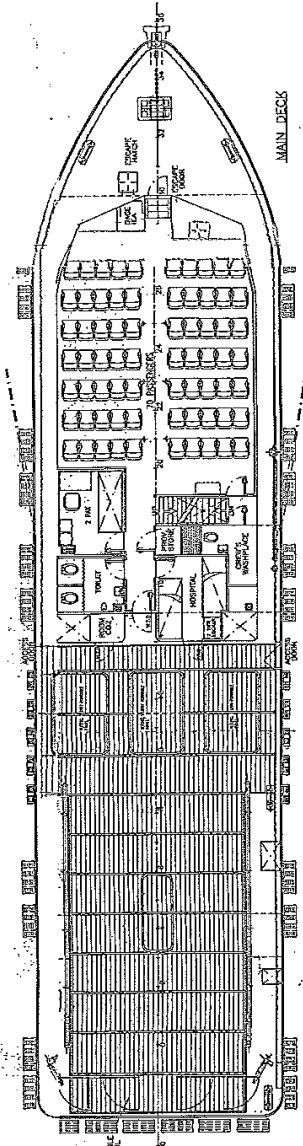
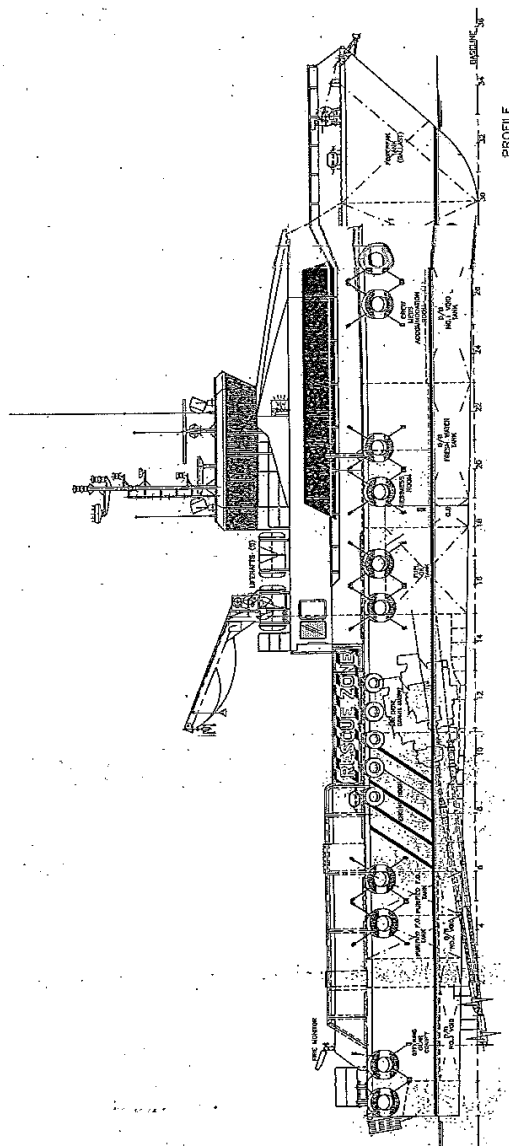
Search Lights : 2 x 1000W (360°)
 Liferafts : 8 x 25 Men SOLAS Type
 Lifebuoys : 8 pcs
 Life jackets : 88 pcs
 Work Vest : 10 units
 EEBD : 4 units
 Line Throwing : 4 projectiles and lines
 Apparatus :
 Scrambling net : 2 units (4m x 3m)
 Rescue boat : 1 inflatable rescue boat for 6 men with 25HP
 outboard motor and launching davit

AUXILLIARY SYSTEM

Rescue Zone : Port & Starboard at Main deck
 Oily Water Separator : 1 nos. of 0.5t/hr Georim

PRINCIPAL DIMENSIONS

LENGTH O.A. (incl. Fenders)	34.35 M
LENGTH O.A. (Hull)	34.00 M
LENGTH WL.	29.20 M
BREADTH MLD	7.85 M
DEPTH MLD	3.30 M
DRAFT (Midship)	1.25 M
DRAFT (Ext)	1.80 M



AS FITTED	DATE
BY	DATE
REVISION	DATE
NGV TECH SDN. BHD.	
C-4118, Singapore	
Naval-Consult Pte Ltd Marine Design & Supervision	
Singapore 408722	
Tel: 6354 7268 Fax: 6354 8000	
E-mail: navcon@navconsult.com.sg	
Project No.	1175
Scale	1:100
Sheet No.	25.00.05
34M FAST OFFSHORE CREWBOAT	
GENERAL ARRANGEMENT	