

SURYA KELANG

FAST CREW BOAT



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 : 9MIE8
 IMO No. : 9541629
 Official No. : 333981
 Year Built : 2008
 Class : Bureau Veritas (BV)
 Notation : 1✕ Hull ✕ Mach Crew boat-Special Service-Utility
 Vessel -Coastal Water
 Type : Fast Crew Boat
 Flag : Malaysia
 Owner : Surya Nautika Sdn Bhd
 Operator : Surya Nautika Sdn Bhd

DIMENSION

Length Overall : 34.00 m
 Length Registered : 31.93 m
 Breadth Moulded : 7.85 m
 Depth Moulded : 3.30 m
 Draft Moulded : 1.50 m
 Summer freeboard : 1.735 m
 GRT : 224 mt
 NRT : 67 mt
 Deadweight : 44 mt

PERFORMANCE

Speed : 20.0 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 1450 BHP @ 2300 rpm Caterpillar C32
 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 : Aerosol Fire Suppression System
 Fire Detection System : Fire Alarm Panel Rafiki
 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 T&T
 SSB : 1 set Sailor
 SART : 2 x ACR PATHFINDER TM
 EPIRB : 1 set JOTRON
 Inmarsat C : 1 set T&T
 VHF Radio : 2 x T&T
 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 McMurdo, ICS NAV 5 PLUS
 X-Band Radar : 1 x Furuno
 Echo Sounder : 1 x Skipper, ED165
 GPS : 1 x Koden Electronics
 Gyro compass : 1 x Anschutz
 Autopilot : 1 x SIMRAD AP50
 Speed Log : 1 x Anthea
 Magnetic Compass : 1 x Cassen & Plath GmbH
 AIS : 1 x Furuno

ACCOMMODATIONS

Berths : 10 berths for marine officer/crew
 Passenger Seating : 50 persons
 *All cabins are fully air-conditioned

LIFE SAVING APPLIANCE

Search Lights : 2 x 1000W
 Liferafts : 6 x 25 Men SOLAS Type
 Lifebuoys : 8 pcs
 Life jackets : 63 pcs
 Work Vest : 8 units
 EEED : 2 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 & launching davit

AUXILLIARY SYSTEM

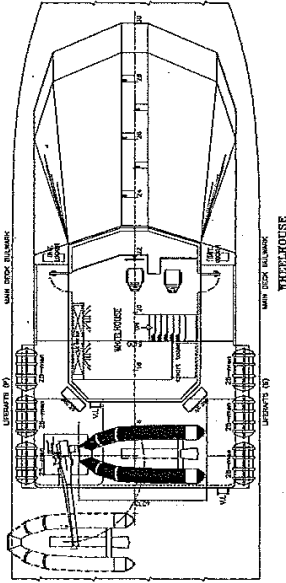
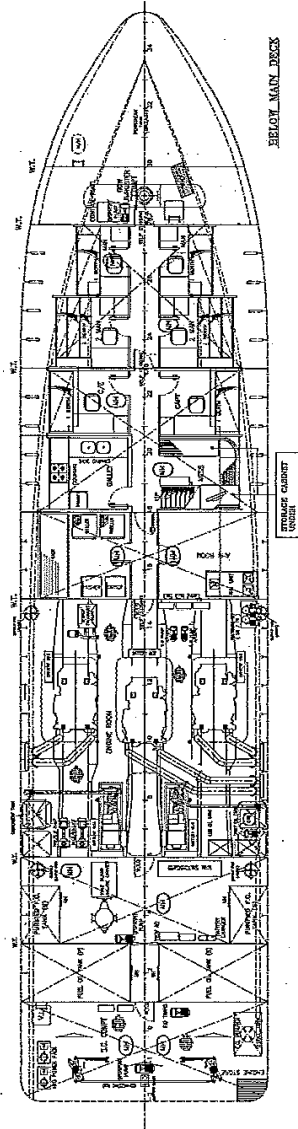
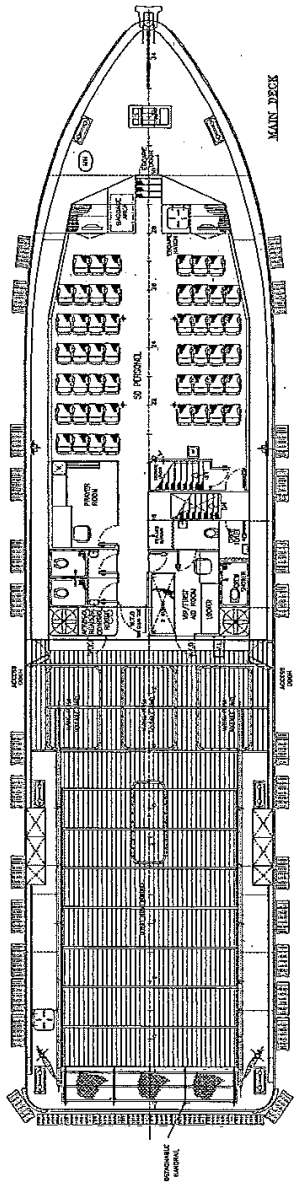
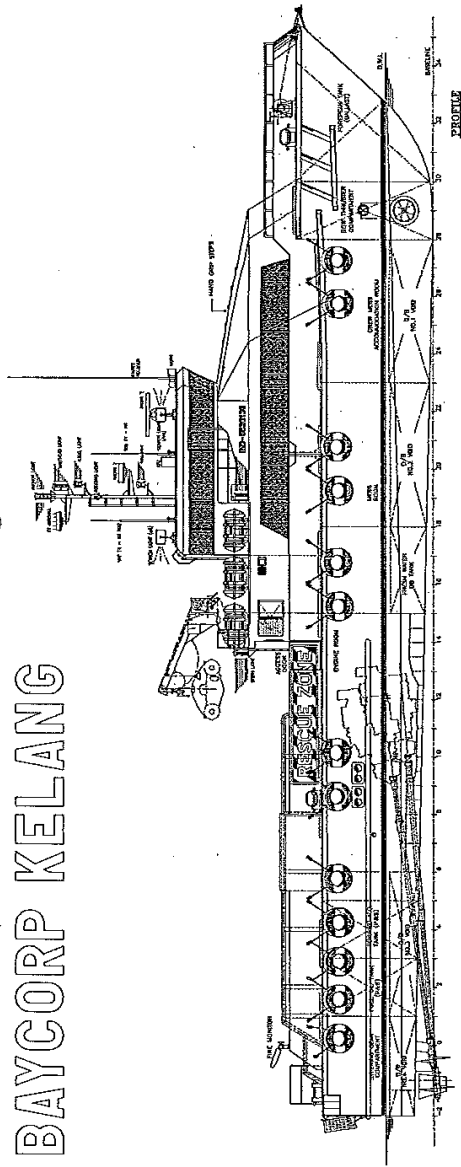
Rescue Zone : Port & Starboard at Main deck
 Oily Water Separator: 1 nos. of 0.5/hr Georim

BAYCORP KELANG

PRINCIPAL DIMENSIONS

LENGTH O.A. (Full) — 34.00 M
 LENGTH W/L — 31.67 M
 BREADTH MLD — 7.85 M
 DEPTH MLD — 3.30 M
 DRAFT (Midship) — 1.50 M

COMPLEMENT — 10 CREW
 50 PERSONNEL



1. LATEST DESIGN REQUIREMENTS 2. APPROVED BY THE MARITIME AUTHORITY OF MALAYSIA (MAMBA)		SIZE: 34.00 M 21.67 M 7.85 M	YEAR: 2008 NO: 104-01-01 172	SHEET: 1 OF 1
PROJECT: 1 NGV TECH SDN BHD 40301, 758001000				
PRODUCT: 1 CACASAY CARRIER SDN BHD				
PROJECT: 1 34M FAST OFFSHORE CREWBAT				
TITLE: 1 GENERAL ARRANGEMENT				
SCALE: 1:50 DRAWN: JLM CHECKED: JLM DATE: 17/8/2008				
PROJECT: 1 NGV TECH SDN BHD 40301, 758001000				