

Type – 120 Men Self Propeller Accommodation Work Barge

OUTLINE SPECIFICATION / DATA SHEET

GENERAL

Builder/ year	2003
Flag	Indonesia
Class	BKI & IRCLASS
GRT/ NRT	2172/651 tons

DIMENSIONS

Length OA	70.15 m
Breadth	19.52 m
Height	4.27 m
Deck Space	400 m ²
Deck Strength	7 tons / m ²

DECK EQUIPMENT

Mooring System	4 x Single Drum (35 tons) Electric Hydraulic c/w load monitoring
Tension Meter	Fitted
Wire Size	38 mm x 1000 m
Anchor	4 x 3 ton “Danforth anchor”
Pedestal Crane	1 unit deck mounted Hitachi
150 tons	KH700 – 2 SWL 40 tons Max. Radius 30 m @ 10 tons Min. Radius 11 m @ 40 tons

TANK CAPACITIES

Fuel Oil	400 m ³
Fresh Water	500 m ³
SW Ballast	454 m ³
Sewage	2 x 155-85 @5,100 ltrs/day
Water Maker	2 units producing 25,000 ltrs/day

MACHINERY

Main Engine (M / E)	2 x Caterpillar 3412D1 @831bhp
Main Generator	2 x Cummins QSMII-D(M) 355 bhp (265 kW) @ 1500 RPM
Propulsion	2 x HRP 4111 (Steerable Thrusters)
Max Speed	6 knots/ hour in fair weather
Consumption	8,900 ltrs/ 24 hrs @ 80% MCR (approx.)



NAVIGATION EQUIPMENT

Radar	JRC JMA 7710-6
Echo Sounder	JRC JFE 582
GPS	JRC NW2-4570
Compass	Gyro – Yokogawa CMZ 700B Magnetic – Lilley & Gille MK2000 Repeater – 3 x MKR050
Heading Repeater	Navitron NT920AHR MKII
SSB	JRC JSB 196 GM
VHF	2 x JRC JHS-32 B
Inmarsat C	JRC JUE-75C
EPIRB	ACR RLB-32
SART	2 x ACR pathfinder 3
Auto Pilot	Navitron NT-990G
Speed Log	Yokogawa EML500-HS1
Navtex	JRC NCR 330
PA System	Sea Mate 50

ACCOMMODATION (Total is up to 120 men)

Single Cabin	4 units
Twin Cabin	2 units
4 Men Cabin	28 units
Hospital	2 berth c/w toilet and shower
Prayer Room	1 unit
Recreation	1 unit for 8 men c/w TV
Mess Room	1 unit for 60 men c/w TV

SAFETY EQUIPMENT

Fire Alarm	Central panel with point monitoring
Life Boat	2 x 60 men SOLAS c/w BV certified David
Life Raft	6 x 20 men self-inflatable
Life Jacket	140 men
Generator Room	CO ² Flooding System

GENERAL ARRANGEMENT

