CITRA SHIPYARD

SHIPBUILDING AND SHIPREPAIR



Please scan this for see details our company profile video

Member of CISQ Federation

RINA

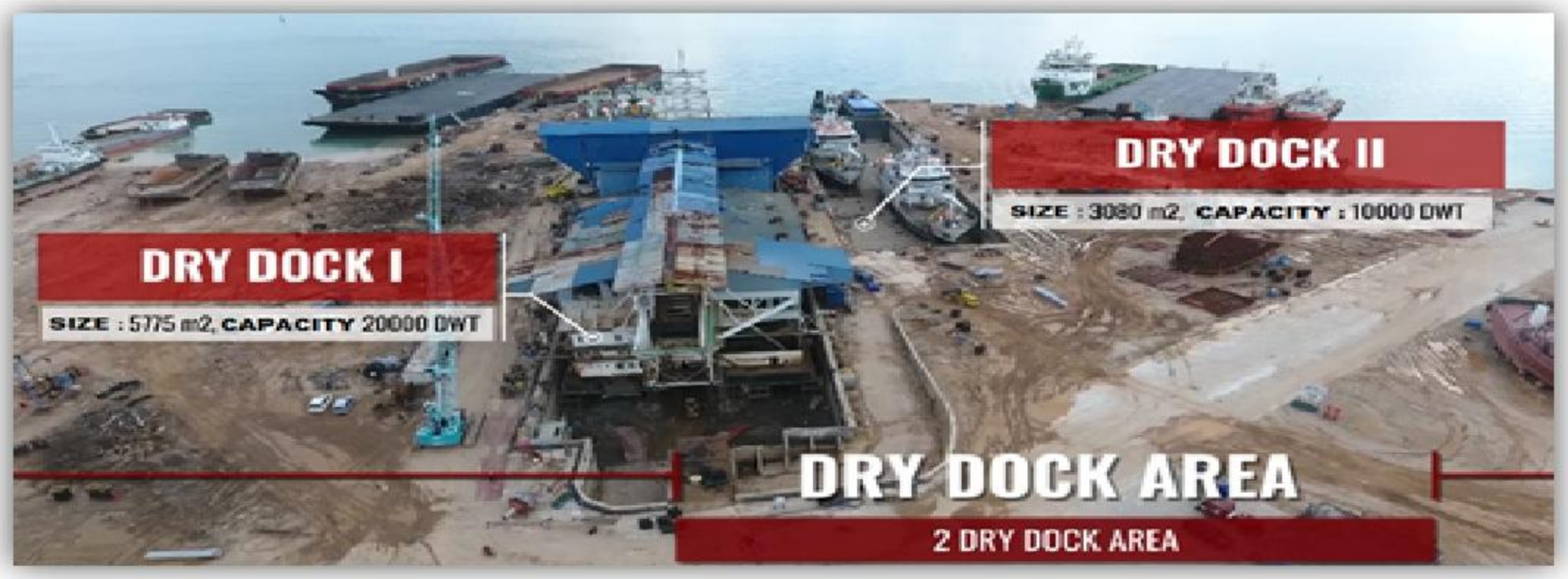
CERTIFIED MANAGEMENT SYSTEM
ISO 9001 - ISO 14001
BS OHSAS45001
ISO 50001

100%
PRODUCT OF INDONESIA

CSS GROUP

CITRA SHIPYARD

SHIPBUILDING AND SHIPREPAIR





















Member of CISQ Federation

RINA

CERTIFIED MANAGEMENT SYSTEM
ISO 9001 - ISO 14001
BS OHSAS 45001
ISO 50001

CSS GROUP

CITRA SHIPYARD
SHIPBUILDING AND SHIPREPAIR

NEW BUILDING

New Ship Building Project Experience by PT. Citra Shipyard



OFFSHORE PATROL VESSEL 80 M
Bakamla Republik Indonesia



59 METERS CATAMARAN RESCUE BOAT
Badan SAR Nasional



SPOB 75 METERS
OPS ALTAIR



45 METERS PATROL BOAT
Republik Indonesia

NO	NAME OF PRODUCT	SPECIFICATION	PRODUCTION CAPABILITY
1	NEW BUILDING VESSEL	STEEL MATERIAL	± 30.000 TON / YEARS
		ALUMINIUM MATERIAL	± 1.000 TON / YEARS

Member of CISQ Federation
RINA
IQNet
CERTIFIED MANAGEMENT SYSTEM
ISO 9001 - ISO 14001
BS OHSAS 45001
ISO 50001

CSS GROUP

CITRA SHIPYARD
SHIPBUILDING AND SHIPREPAIR

SHIP REPAIR

Ship Repair Project Experience by PT. Citra Shipyard



PASSENGERS SHIP
KM. BUKIT RAYA



PRODUCT OIL TANKER
PERTAMINA TRANS KONTINENTAL



SUPPLY VESSEL



DREDGER VESSEL
PT .TIMAH (PERSERO) TBK



SUPPLY VESSEL



PASSENGERS SHIP
KN. SABUK NUSANTARA

NO	NEWBUILDING EXPERIENCE	YEAR
1	3 UNITS OFFSHORE PATROL VESSEL 80 M (INDONESIA COAST GUARD)	2017
2	2 UNITS RESCUE BOAT 40 M AND 59 M NATIONAL SEARCH AND RESCUE (SAR) AGENCY INDONESIA	2012
3	1 UNIT FAST PATROL VESSEL 43 M (INDONESIA NAVY)	2013
4	1 UNIT CRUDE OIL TANKER 75 M (CONNOCO PHILIP)	2013
5	2 UNITS FLOATING BARGE (SANTARLI CONSTRUCTION PTE LTD) SINGAPORE	2015
6	2 UNITS BUOY TENDER PATROL 32 M (INDONESIA MINISTRY OF TRANSPORTATION)	2015
7	2 UNITS BUOY TENDER VESSEL 60 M (INDONESIA MINISTRY OF TRANSPORTATION)	2015
8	2 UNITS HARBOUR TUG ASD 30 M (KUANTAN PORT CONSORTIUM) MALAYSIA	2015
9	3 UNITS HARBOUR TUG ASD 30 M (PORT OF INDONESIA 1 MEDAN)	2017

NO	MAIN FACILITIES	DOCK SIZE	CRANE TYPE
1	DRY DOCK NO I	165 M X 32 M X 9 M	MOBILE CRANE 125 TON
2	DRY DOCK NO II	110 M X 28 M X 8 M	MOBILE CRANE 125 TON
3	BUILDING BIRTH SIDE LAUNCING	400 M X 40 M X 28 M	GANTRY CRANE 20T + 20T + 50T + 50T
4	BUILDING BIRTH WITH AIR BAG	65 M X 260 M	MOBILE CRANE 125 TON AND 80 TON
5	FLOATING DOCK SIDE JETTY	30 M X 35 M	MOBILE CRANE 125 TON AND 80 TON

QA/QC & QHSE COMMITMENT

CITRA SHIPYARD
SHIPBUILDING AND SHIPREPAIR



We carry out strict quality control on every job



Safety aspects are our main commitment

"The Company Has Received International Standard Certification and Awards"

- UNION OF NATIONAL DEFENSE INDUSTRY INDONESIA (PINHANTANAS) MEMBERS 2018
- CERT ISO BY RINA QUALITY MANAGEMENT SYSTEM 9001:2015
- CERT ISO BY RINA ENVIRONMENTAL MANAGEMENT SYSTEM 14001:2015
- CERT ISO BY RINA HEALTH AND SAFETY MANAGEMENT SYSTEM BS OHSAS 45001:2018
- CERT SAFETY AND ENVIRONMENT FROM MINISTRY OF MANPOWER OF THE REPUBLIC OF INDONESIA (SMK3) 2019
- TAX PAYER AWARDS FROM MINISTRY OF FINANCE OF THE REPUBLIC OF INDONESIA DIRECTORATE GENERAL OF TAXES 2016
- LETTER OF STIPULATION AND PERMIT FOR THE PRODUCTION OF THE DEFENCSE INDUSTRY FROM THE INDONESIAN MINISTRY OF DEFENSE (2015-2020)











CITRA SHIPYARD
SHIPBUILDING AND SHIPREPAIR

Yard 1 :
Kavling 20, Sei Lekop
Kampung Becek Sagulung
Tanjung Uncang - Batam

Yard 2 :
Jl. Hang Kesturi
Kabil, Kel. Batu Besar
Kec. Nongsa - Batam

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a member of
CSS GROUP
CITRA SHIPYARD
CITRA BETON
CITRA MARINDO
CITRA MARITIME
PT. CITRA SEMARAK SEJATI
PT. CENTER SARANA SEJATI
PT. JAYA SEJATI

TECHNICAL SPECIFICATION
OFFSHORE PATROL VESSEL
OPV 80M

CITRA SHIPYARD
SHIP BUILDING & REPAIR

FUNCTIONS OF THE VESSEL :

1. Maritime search and patrol in peace time and wartime environment,
2. Maritime protection of Sea Line of Communications in wartime environment,
3. Prevention of maritime infiltration,
4. Fishery and other maritime resources, exploitation and protection
5. Maritime search and rescue
6. To prevent and suppress maritime illegal activities within the authorities given.



HULL

Main Hull : High Tensile Steel (AH-36)
Superstructure : High Tensile Steel (AH-36)

MAIN DIMENSION

Length Over All (LOA) : 80.00.meter
Breadth (B) : 12.50 meter
Depth (D) : 6.00 meter
Design Draft (T) : 3.40 meter

FACILITY & CAPABILITY

RHIB for 6 personel : 1 unit with speed max. 35-40 knots
Helly Landing Cap. : Max. 12 ton

SPEED

Maximum Speed : 22.00 Knots

PROPULSION

Main Engine Codad sytem : 2x 3500 kW Diesel Engine
Propeller : Controllable Pitch Propeller

ELECTRIC POWER

Main Generator : 2 x 350 kVA
Harbour Generator : 1 x 150 kVA
Emergency Generator : 1 x 150 kVA

CAPABILITIES OF THE VESSEL :

1. To perform maritime surveillance with economic speed & sustain continuous operations in the area of interest.
2. To have adequate speed for joining maritime operations with frigates and corvettes in wartime protection of Sea Lines of Communication.
3. To sustain operations at sea up to Sea State 5.
4. To achieve good target classification with adequate observation and identification equipment.
5. Equipped with fire-control system for self defense against other hostile surface vessels within the effective range of the 30 mm gun and from air threats at close range.
6. Equipped with helicopter flight deck to support a helicopter of 14 tons.


AFT VIEW


SIDE VIEW


TOP VIEW


FWD VIEW

TECHNICAL SPECIFICATION
FERRY PASSENGER
PATAGONIA EXPRESS

CITRA SHIPYARD
SHIP BUILDING & REPAIR

FUNCTIONS OF THE VESSEL :

1. Fast boat for transporting passengers to tropical island destinations Gili Trawangan, Gili Air and Bangsal, Lombok
2. Bring luxurious experience for passengers when traveling between Bali and neighboring islands.
3. Customized sun lounges for sunbathing during passengers journey



MAIN DIMENSION

Length Over All (LOA)	:	33.75 meter
Breadth (B)	:	6.00 meter
Depth MLD	:	2.60 meter
Design Draft (T)	:	1.00 meter

ELECTRIC POWER

Main Generator : 2 x 28 kVA

SPEED

Maximum Speed : 30.00 Knots

MATERIAL

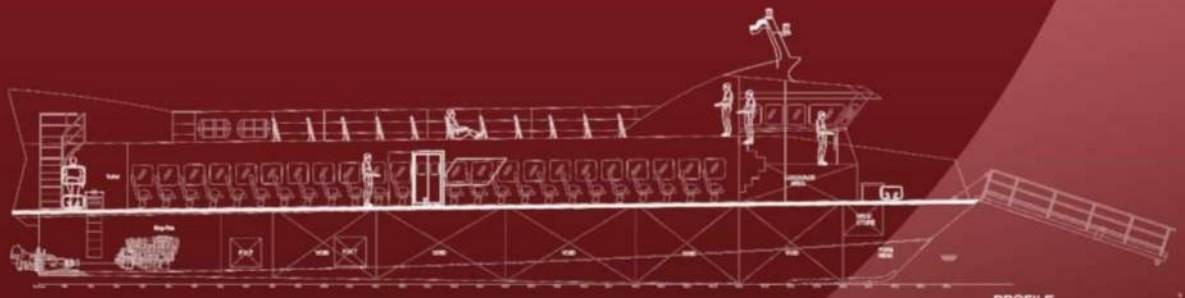
Main Hull : Aluminium Grade 5083 H116
Accommodation : Aluminium Grade 5083 H116

PROPULSION

Main Engine : MAN 2 X 1400 HP
Propulsion : MP Waterjet Hybrid

FACILITY & CAPABILITY

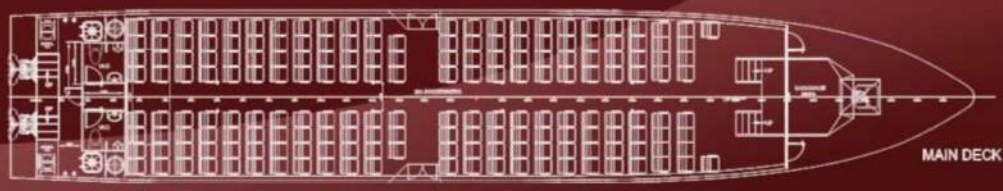
Passenger Capacity : 190 PAX
Sunbathing Space, Wifi, Modern Toilet



PROFILE



FRONT VIEW



MAIN DECK PLAN



AFTER VIEW

TECHNICAL SPECIFICATION
RESCUE VESSEL
59 M CATAMARAN

CITRA SHIPYARD
SHIP BUILDING & REPAIR

FUNCTIONS OF THE VESSEL :

1. Carry out search and rescue (SAR) Task
2. Distribution of aid to areas affected by natural disaster
3. Carry out task of handling ship and flight disaster in maritim area
4. Carry out SAR task accordance with IMO and ICAO Standard



MAIN DIMENSION

Length Over All (LOA)	: 59.80 meter
Breadth (B)	: 16.00 meter
Depth to main deck (D)	: 4.50 meter
Design Draft (T)	: 1.50 meter

SPEED AND ENDURANCE

Maximum Speed	: 38.00 Knots
Cruising Speed	: 23.00 Knots
Economic Speed	: 18.00 Knots
Endurance	: 58 Hour
Mileage	: Up to 1782 Nautical Mile

PROPULSION

Main Engine Codad sytem	: 4 x 1800 HP Diesel Engine
Propeller	: Fix Pitch Propeller

ELECTRIC POWER

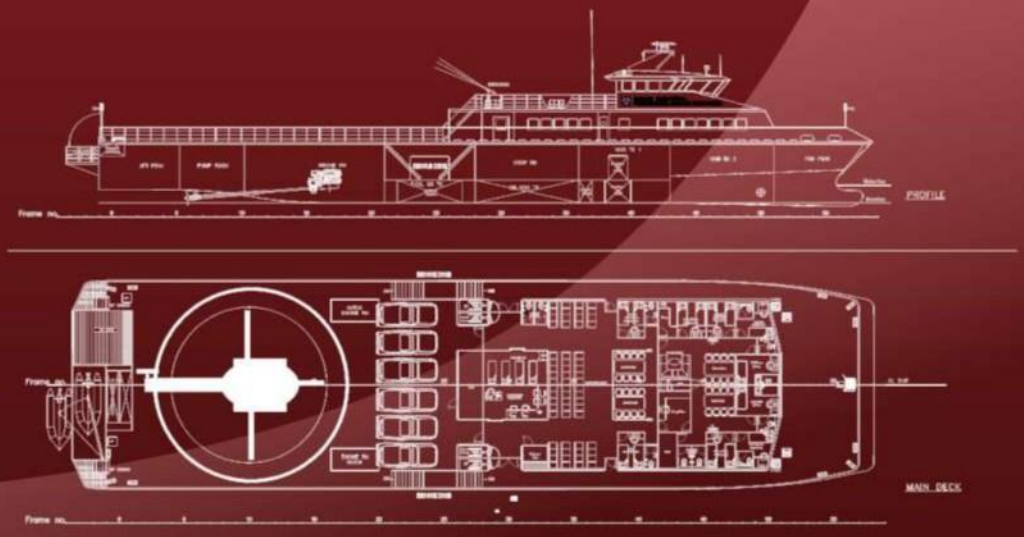
Generator : 2 x 150 kVA

MATERIAL

Plate	: Aluminium 5083
Profile	: Aluminium 6061

FACILITY & CAPABILITY

Helly Landing Cap.	: Abt. 5 ton
Total Crew and VIP	: 43 Persons
Lifeboat for 6 Person	: 1 unit with 40 HP outboard engine



TECHNICAL SPECIFICATION
HARBOUR TUG 2 x 1800 HP
KT HANG TUAH V & VI

CITRA SHIPYARD
SHIP BUILDING & REPAIR



FUNCTIONS OF THE VESSEL :

1. Guide other vessels in harbour area by pushing or pulling them
2. Guide other vessels by direct contact or by means of tow line
3. Assist in firefighting in case of fire on another vessel

MAIN DIMENSION

Length Over All (LOA)	:	30.00 meter
Breadth (B)	:	11.60 meter
Depth MLD	:	5.10 meter
Design Draft (T)	:	3.80 meter

SPEED AND TANK CAPACITY

Maximum Speed	:	12.00 Knots
Fuel Oil, Max	:	80 m^3
Fresh Water	:	30 m^3

PROPULSION

Main Engine	: NIIGATA 2 X 1800 HP
Propeller	: 360° Z-Drive (AZIMUTH ZP-21)

ELECTRIC POWER

Main Generator	: 2 x 147 kVA
Harbour Generator	: 1 x 62.5 kVA

MATERIAL

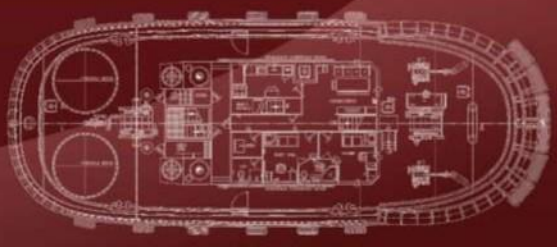
Main Hull	: Mild Steel (Blasted)
Superstructure	: Mild Steel (Blasted)

FACILITY & CAPABILITY

Bollard Pull	: 42 ton
External Fire Fighting	: 680 m^3/h


AFTER VIEW


OUTBOARD PROFILE


MAIN DECK PLAN


FRONT VIEW

TECHNICAL SPECIFICATION

40 M RESCUE BOAT

CITRA SHIPYARD
SHIP BUILDING & REPAIR

FUNCTIONS OF THE VESSEL :

1. Carry out search and rescue (SAR) Task
2. Distribution of aid to areas affected by natural disaster
3. Carry out task of handling ship and flight disaster in maritime area
4. Carry out SAR task accordance with IMO and ICAO Standard



MAIN DIMENSION

Length Over All (LOA)	: 40.80 meter
Breadth (B)	: 7.80 meter
Depth to main deck (D)	: 3.60 meter
Design Draft (T)	: 1.80 meter

SPEED AND TANK CAPACITY

Maximum Speed	: 24.00 Knots
Cruising Speed	: 16.00 Knots
Fuel Oil Tank	: 50000 Liters
Fresh Water Tank	: 15000 Liters

PROPULSION

Main Engine Codad sytem	: 2 x 18000 HP Diesel Engine
Propeller	: Fix Pitch Propeller

ELECTRIC POWER

Generator : 2 x 100 kVA

MATERIAL

Main Hull	: Aluminium 5083/6061-T6
Superstructure	: Aluminium 5083/6061-T6

FACILITY & CAPABILITY

RHIB for 6 personel : 1 unit with speed max. 35-40 knots


MAIN DECK PLAN


PROFILE VIEW


NAVIGATION DECK PLAN


UNDER MAIN DECK PLAN

TECHNICAL SPECIFICATION

48M PATROL VESSEL

CITRA SHIPYARD
SHIP BUILDING & REPAIR



FUNCTIONS OF THE VESSEL :

1. Maritime search and patrol in peace time and wartime environment,
2. Prevention of maritime infiltration,
3. Fishery and other maritime resources, exploitation and protection
4. To prevent and suppress maritime illegal activities within the authorities given.
5. Maritime search and rescue
6. Distribution of aid to area affected by natural disaster

MAIN DIMENSION

Length Over All (LOA)	:	48.00 meter
Breadth (B)	:	7.80 meter
Depth to main deck (D)	:	4.00 meter
Design Draft (T)	:	1.90 meter

SPEED AND ENDURANCE

Maximum Speed	:	24.00 Knots
Cruising Speed	:	18.00 Knots

PROPULSION

Main Engine Codad sytem	: 3 x 1800 HP Diesel Engine
Propeller	: Fix Pitch Propeller

MATERIAL

Main Hull	: High Tensile Steel (AH-36)
Accommodation	: Aluminium Grade 5083

CAPABILITIES OF THE VESSEL :

1. To have adequate speed for joining maritime operations with frigates and corvettes in wartime protection of Sea Lines of Communication.
2. To sustain operations at sea up to Sea State 3.

TECHNICAL SPECIFICATION
INDONESIAN NAVIGATION SERVICE
BUOY TENDER VESSEL (KK1K)

CITRA SHIPYARD
SHIP BUILDING & REPAIR

FUNCTIONS OF THE VESSEL :

1. Carry out the installation or distribution of flare buoys in the area of operation
2. Carry out transportation, installation and maintenance of flare buoys and equipment
3 Carry out maintenance of beacon sign
4 Carry out maintenance of lighthouse
5 Escort lighthouse keeper and their families to or from their post
6 Distributing Supplies
7 Carry out SAR task and other geverment dutties



MAIN DIMENSION

Length Over All (LOA)	:	60.00.meter
Breadth (B)	:	12.00 meter
Depth to main deck (D)	:	4.70 meter
Design Draft (T)	:	3.50 meter

SPEED AND MILEAGE

Maximum Speed	: 15.00 Knots
Mileage	: 4000 Nautical Mile

PROPULSION

Main Engine	: 2 x 2300 HP Diesel Engine
Propeller	: Fix Pitch Propeller

ELECTRIC POWER

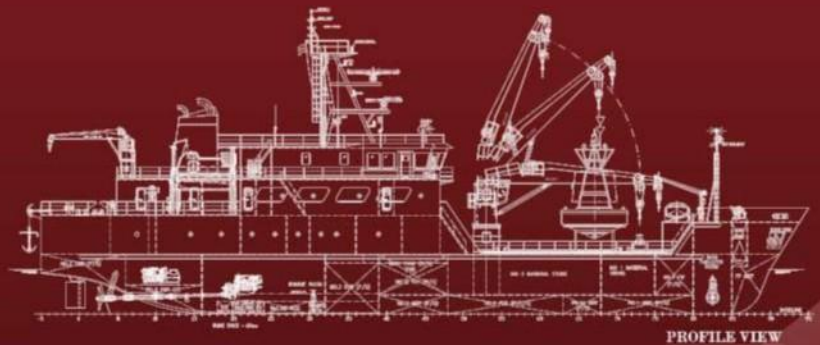
Main Generator	: 2 x 450 kVA
Harbour Generator	: 1 x 86 kVA
Emergency Generator	: 1 x 61.2 kVA

MATERIAL

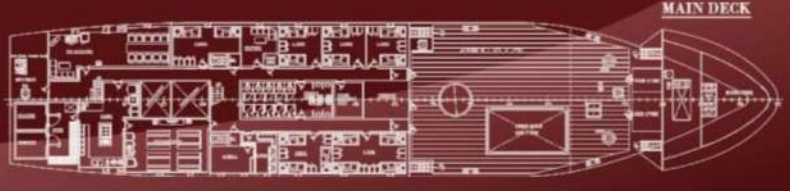
Main Hull	: Mild Steel (Blasted & Primer)
Profile	: Mild Steel (Blasted & Primer)

FACILITY & CAPABILITY

Main Crane	: Capacity 30 ton at radius 8.8m
Multipurpouse Crane	: Max. lifting up to 2 ton
Total Person Onboard	: 39 Persons



PROFILE VIEW



MAIN DECK



MIDSHIP VIEW

TECHNICAL SPECIFICATION
HARBOUR TUG 2 x 2000 HP
KPC MV PEKAN & MARAN

CITRA SHIPYARD
SHIP BUILDING & REPAIR

FUNCTIONS OF THE VESSEL :

1. Guide other vessels in harbour area by pushing or pulling them
2. Guide other vessels by direct contact or by means of tow line
3. Assist in firefighting in case of fire on another vessel



MAIN DIMENSION

Length Over All (LOA)	:	32.00 meter
Breadth (B)	:	11.60 meter
Depth MLD	:	5.30 meter
Design Draft (T)	:	4.20 meter

SPEED AND TANK CAPACITY

Maximum Speed	:	12.00 Knots
Fuel Oil, Max	:	147.91 m^3
Fresh Water	:	40.70 m^3

PROPULSION

Main Engine	: NIIGATA 2 X 2000 HP
Propeller	: NIIGATA Z Peller ZP-31

ELECTRIC POWER

Generator : 2 x 170 kVA

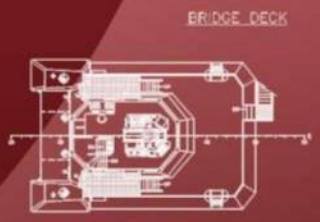
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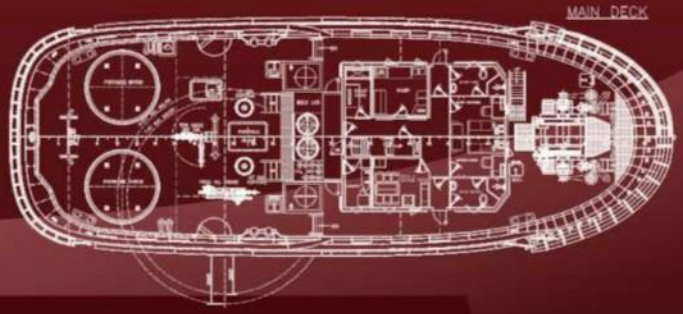
Main Hull	: Mild Steel (Blasted)
Superstructure	: Mild Steel (Blasted)

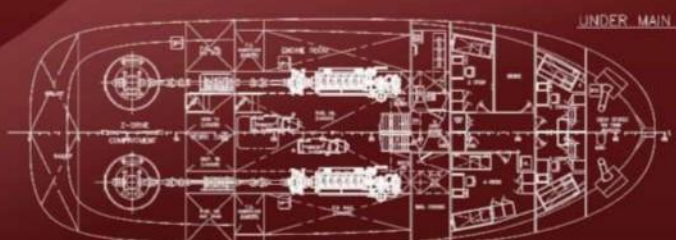
FACILITY & CAPABILITY

Bollard Pull	: 45 ton
External Fire Fighting	: 2 x 1200 m^3/h Water
Main Crane	: Capacity 910 kg at radius 5.5m









TECHNICAL SPECIFICATION
INDONESIAN NAVY (TNI-AL)
FAST MISSILE BOAT

CITRA SHIPYARD
SHIP BUILDING & REPAIR

FUNCTIONS OF THE VESSEL :

1. Able to attack enemy quickly
3 Destroy the target in one moment
4 Avoid enemy attacks in short time



MAIN DIMENSION

Length Over All (LOA)	:	44.90 meter
Breadth Mld	:	7.80 meter
Depth @ Midship	:	4.00 meter
Design Draught	:	1.90 meter

ELECTRIC POWER

Main Generator	: 2 x 140	kVA
Emergency Generator	: 1 x 60	kVA

SPEED AND TANK CAPACITY

Maximum Speed	: 24.00 Knots
Speed Cruising	: 18.00 Knots
Fuel Oil Capacity	: 56,000 Liters
Fresh Water Capacity	: 16,000 Liters

MATERIAL

Main Hull	: High Tensile Steel (AH-36)
Accommodation	: Aluminium Grade 5083

PROPULSION

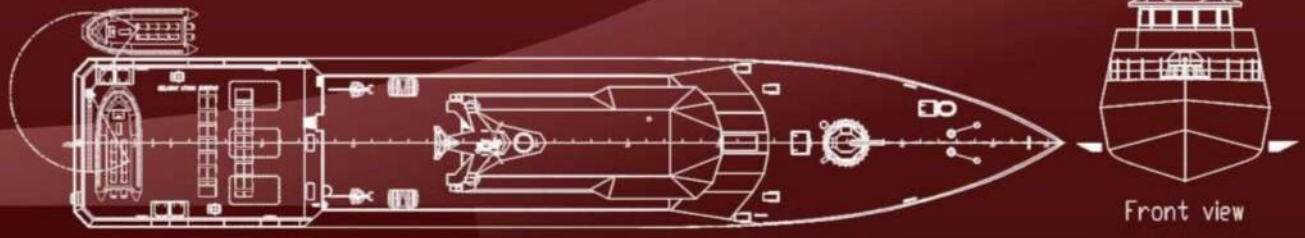
Main Engine	: 3 x 1800 HP Diesel Engine
Propeller	: Fix Pitch Propeller

FACILITY & CAPABILITY

1. Crew	: 35 Personnel
2. Cannon 30 mm Caliber	: 1 Unit
3. Missile C-705	: 2 Set
4. 1 unit Sea Raider Boat	: 1 Pilot, 8 Troops



Side view



Front view

Top view

TECHNICAL SPECIFICATION
INDONESIAN NAVIGATION SERVICE
INSPECTION BOAT (KPP)

CITRA SHIPYARD
SHIP BUILDING & REPAIR

FUNCTIONS OF THE VESSEL :

1. Monitoring navigational aid
2. Carry out emergency maintenance of navigational aids
3. Carry out search and rescue (SAR) Task and other goverment dutties



MAIN DIMENSION

Length Over All (LOA)	: 32.85 meter
Breadth (B)	: 6.26 meter
Depth to main deck (D)	: 3.46 meter
Design Draft (T)	: 1.60 meter

SPEED AND TANK CAPACITY

Maximum Speed	: 20.00 Knots
Fuel Oil Tank	: 20.50 m^3
Fresh Water Tank	: 4.46 m^3

ELECTRIC POWER

Main Generator	: 2 x 62.5 kVA
Harbour Generator	: 1 x 12 kVA

MATERIAL

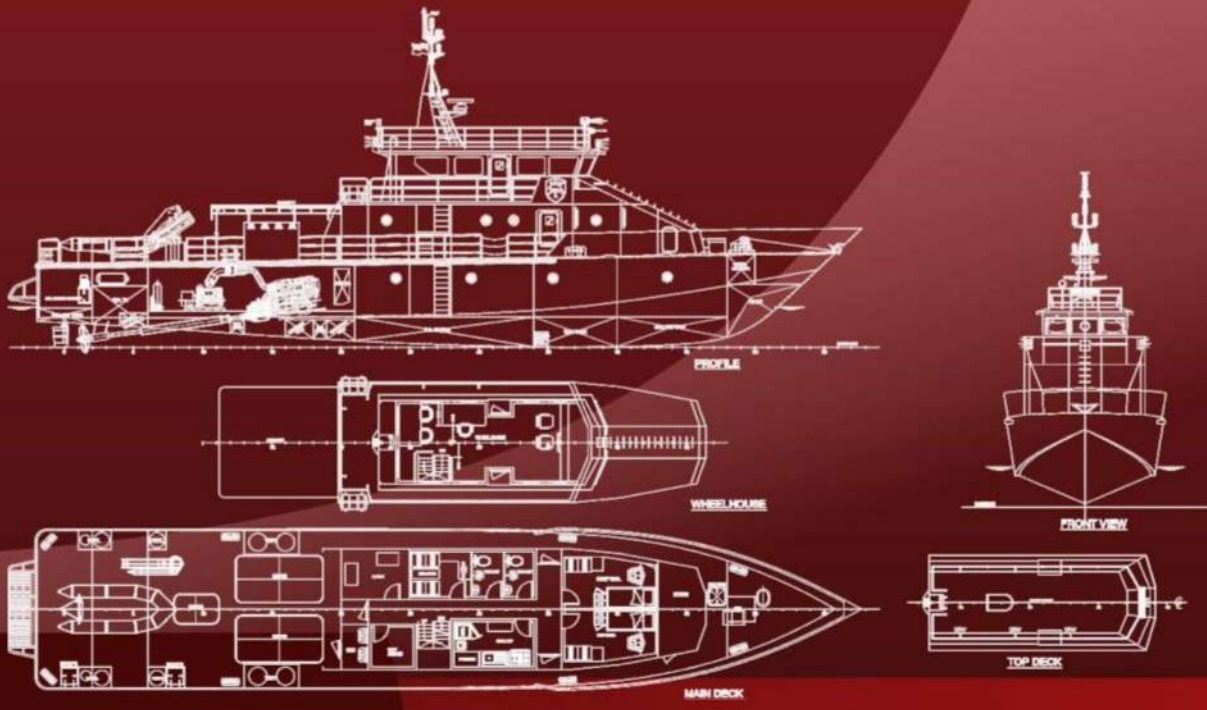
Main Hull : Aluminium Grade 5083 H116

FACILITY & CAPABILITY

Rescue Boat : 1 Unit

PROPULSION

Main Engine Codad sytem	: 2 x 1450 HP Diesel Engine
Propeller	: Fix Pitch Propeller



TECHNICAL SPECIFICATION
INDONESIAN NAVY (TNI-AL)
COMBAT BOAT

CITRA SHIPYARD
SHIP BUILDING & REPAIR

FUNCTION OF THE VESSEL

1. Protection of territorial water, ports and rivers
2. Performing insertion & exertion of fully equipped Special Operation Forces rapidly in and out combat areas
3. Very high speed vesselwith excellent maneuverability and stability



MAIN DIMENSION

Length Over All (LOA)	:	18.97 meter
Breadth Mld	:	4.27 meter
Depth	:	2.80 meter
Design Draft	:	0.98 meter

SPEED AND TANK CAPACITY

Maximum Speed	: + 42 Knots
Speed Cruising	: 30.00 Knots
Fuel Oil Capacity	: 3,000 Liters
Fresh Water Capacity	: 500 Liters

ELECTRIC POWER

Main Generator : 1 x 25.62 kVA

MATERIAL

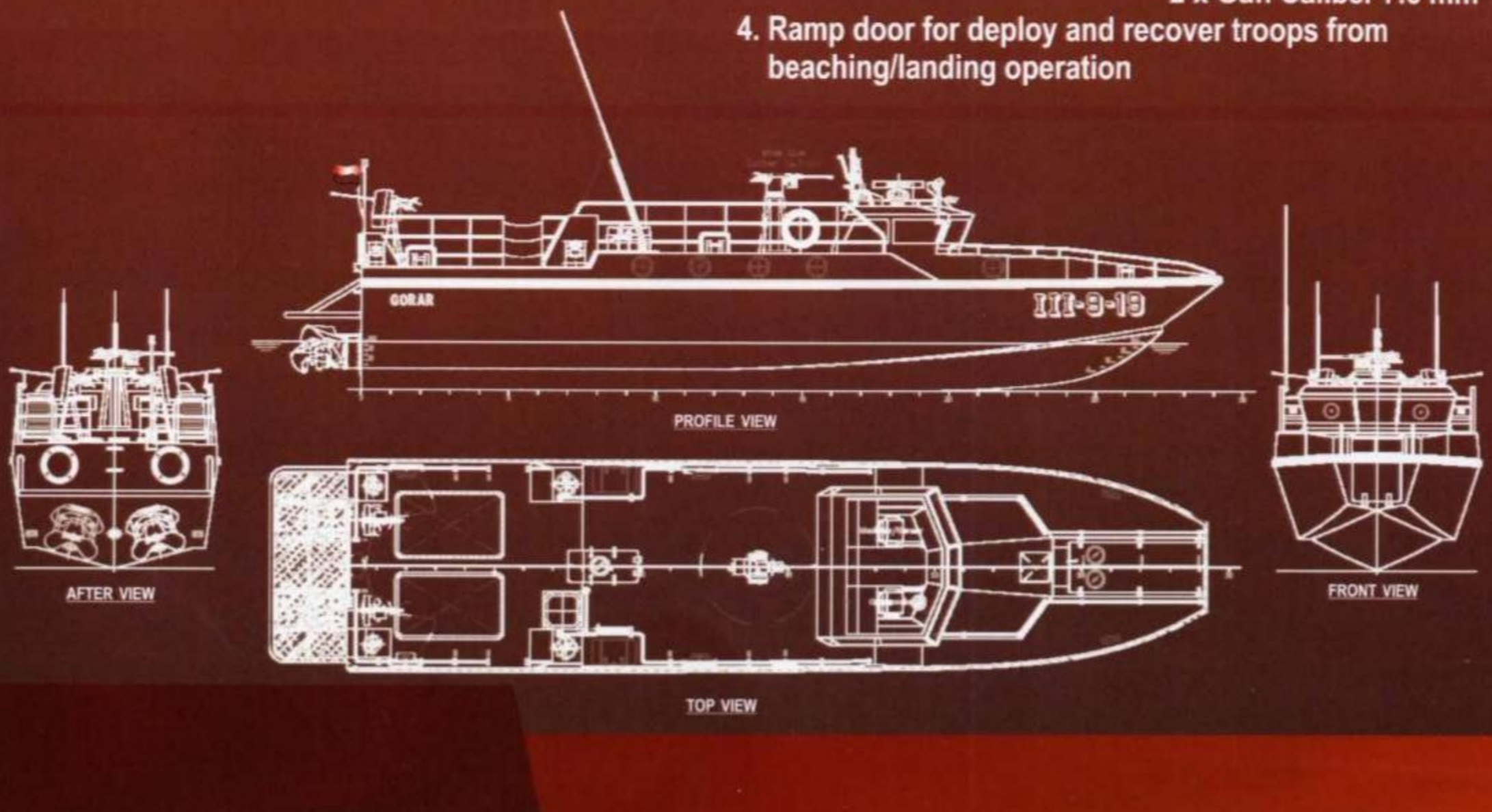
Hull	: Aluminum Grade 5083
Superstructure	: Aluminum Grade 5083

PROPULSION

Main Engine	: 2 x MAN V8 1200 HP
Propulsion	: 2 x DJ200DT WATERJET

FACILITY & CAPABILITY

1. Crew : 4 Personnel
2. Special Operation Forces : 18 Troops
3. Weapon Foundation : 1 x Gun Caliber 12.7mm
   2 x Gun Caliber 7.6 mm
4. Ramp door for deploy and recover troops from beaching/landing operation



CITRA SHIPYARD

SHIPBUILDING & SHIPREPAIR

KINDS OF TYPE OUR EXPERIENCE PRODUCT VESSEL


























CSS GROUP

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Email : citrashipyard2@cssgroup-batam.com

Please scan this for see details our company profile video

CSS GROUP

CITRA SHIPYARD

SHIPBUILDING & SHIPREPAIR

Yard 1 :
Kavling 20, Sei Lekop
Kampung Becek Sagulung
Tanjung Uncang – Batam
INDONESIA

Yard 2 :
Jl. Hang Kesturi
Kabil, Kel. Batu Besar
Nongsa – Batam
INDONESIA

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Website : www.cssgroup-batam.com
Email : citrashipyard2@cssgroup-batam.com