



# Group of Companies

ASIAN MARINE SERVICES PCL.	ECOMARINE	FUTURE POWER SOLUTIONS	SEATRAN FERRY SEATRAN DISCOVERY
Ship Repair /Ship building /Engineering	Water environment solution provider	System integration /Solution provider	Transportation
80 Vessels repairing annually 450 Manpowers Listed in Stock Market Exchange of Thailand (SET)  ISO 9001:2015 ISO 14001:2015 ISO 45001:2018	4 Dredging vessel Water Environment Product & Services e.g. Water hyacinth harvester  ISO 9001:2015	Look Ahead to capture Business opportunities Authorized dealer/Distributor of leading equipment System integration Solution provider	8 ROPAX & 6 High Speed Ferry Operate in Gulf of Thailand



### Vision & Mission

#### Vision

To develop the company to be one of the best in the region for

- Ship repair
- Shipbuilding
- Ship conversion and upgrading
- · Engineering construction
- Offshore support & construction

With quality works and services to meet customer's requirements.

#### Mission

The company's commitment is to accomplish following important tasks;

Customers:

To fulfill our client's requirements with optimum standard of services at the minimum time

Shareholders:

To satisfy shareholders in terms of corporate profitability and growth Yard Staff:

Career development and good standard of living for all concerned Environment and Community:

To be responsible for environmental protection and community well to be.



### **About ASIMAR**

- ASIMAR: ASIan MARine services public company limited
- Ship Repair, Ship Building, and Engineering for over 40 years
- Listed in The Stock Exchange of Thailand (SET) since 1996
- Located at Chao Phraya River wharf no. 1
- 300 meters water front average depth of 10 meters
- Max. 5 vessels anchorage area (Sapasamitr area)
- Operate by 2 floating docks (Max. 20,000DWT capacity)
- 2 launching slipways (Max. 125 meters in length x 28 meters width)
- Average 80 vessels docking repairing annually
- 20,000 DWT new built annual capability
- 1,000,000 Man-Hour FTE (Full Time Employed) ++
- Quality : ISO 9001 : 2015
- Environmental : ISO 14001 : 2015
- Safety workplace : OHSAS 45001 : 2018



### SHEQ







ISO 9001 : 2015 shipbuilding and repairing including ship designing ISO 14001 : 2015 Environmental Management System ISO 45001 : 2018 The Occupational Health & Safety Management System



## Reference Customers

























































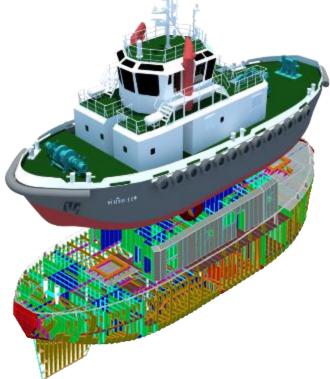


# Design Facilities

ASIMAR's design team of engineers and draftsmen support repair ships, ship conversion and new-building activities preparing detailed design, shop and as-built drawings.

### **Programs**:

- AutoCAD
- SB3DS for piping design
- Ship Constructor





















# Location is The Key





# Facilities at Samutprakarn



**ASIMAR** 

1

Max. vessel

6,000 DWT

LxB

97m x 19.6m.

Max lifting cap.

2,000 t.

6,500 t.

**ASIMAR** 

Max. vessel

20,000 DWT

LxB

161m x 28.5m.

2

Max lifting cap.

### **Primary Facilities**

Total Yard Area : 36,000 m2 (9 Acre)

Water Front : 300 m.

Wharf : 126 m , depth 12 m.

Slipways

- Northern : 1 x 125 m x 28 m

- Southern : 1 x 80 m x 18 m

Range for Repair : Vessel up to 20,000 Dwt

Range for New Building: Vessel up to 120 m LOA.

Fabrication Shops : 3 nos. total 3,300 m2

Machine Shop : 2 nos. total 2,100 m2

Pipe shop : 600 m2

CNC shop : 600 m2

Bonded Warehouse : 400 M<sup>2</sup>





Fabrication Shops
No.4

Length : 50 meters

Width : 26.9 meters

Height : 15 meters

Overhead Crane: 2 x 10 tons





Northern slipway

Length : 125 meters

Width : 28 meters





Southern slipway

Length : 80 meters

Width : 18 meters

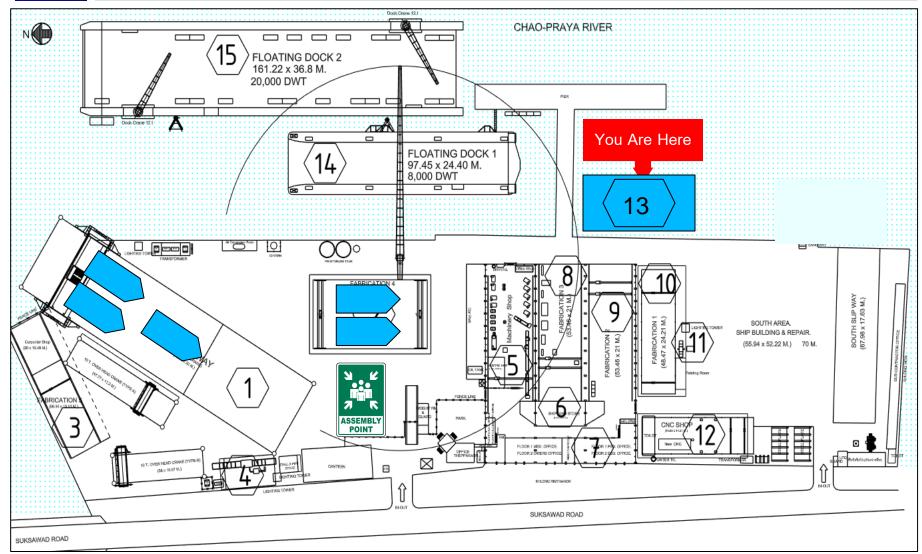






Floating Dock	Dimension	Lifting Capacity	Max. Vessel	Crane
Asimar 1	97x19.6 meter	2,500 T	6,000 dwt.	Shore crane
Asimar 2	161x28.5 meter	6,500 T	20,000 dwt	2x12t













## **Heavy Lift**

Mobile Crane 1 x 80 tons ,1 x 50 tons

Overhead Gantry Crane1 x 100 tons

Dock Crane 2 x 12.5 tons

Gantry Cranes 11 x 5 tons

Gantry Cranes 2 x 10 tons

Fork Lift 2 x 7 tons

Fork Lift 2 x 5 tons







### MACHINERIES & CUTTING TOOLS

CNC : 3 sets

Welding machine : 220 sets

Lathe machine : 10 sets

Hyd press 400t : 1 set

Shear cutter : 2 sets

Bending machine : 2 sets

Flanging machine : 2 sets

Rolling machine : 1 set

Steel shot blast : 2 sets

2500 bar Hydro blast : 1 set







### Facilities at Surat Thani

### **Primary Facilities**

Total Yard Area : 38,400 sq.m.

Slipway

Length : 95 m. Breadth : 20.5 m.

Work shop : 3,136 sq.m.

Range for Repair : Up to 1000 GRT

### Services

- · Hull preparation and Painting
- Anchor chain
- · Hull anode
- Valve
- Tail shaft repair

- Steel work
- Pipe work
- Machinery work (Winch, Hydraulic motor, Pump)
- Electrical work
- Spare part supply



# Key Markets / Track Record











# Key Markets / Track Record



# Tug Boats





### 30 TONS BOLLARD PULL - TARUA 119

#### Owner

Port Authority of Thailand

#### **Principal Particulars**

Length Overall 32.00 meters
Breadth (Moulded) 10.50 meters
Depth Hull (Moulded) 4.50 meters
Draft (Moulded) 3.00 meters

#### Performance

Max. speed: 12 knots Static Bollard pull: 30.0 tons Gross tonnage: 420 tons

#### Main Machineries

Main Engine 2 X 1030 kW, 800 rpm, 8 cyl.

Propulsion System 2 X Azimuth Thrusters

(Z-Drive Fixed Pitch)

#### Fire Fitting

FIFI System 2 X 250 m3/hr, Engine Drive 165 kW @ 3100 rpm

Design Standard LR Class









### 40 TONS BOLLARD PULL - TARUA 301

#### Owner

Port Authority of Thailand

#### **Principal Particulars**

Length Overall 32.00 meters
Breadth (Moulded) 10.50 meters
Depth Hull (Moulded) 4.50 meters
Draft (Moulded) 3.00 meters

#### Performance

Max. speed: 12 knots Static Bollard pull: 40.0 tons Gross tonnage: 420 tons

#### Main Machineries

Main Engine 2 X 1324 kW, 900 rpm, 8 cyl.

Propulsion System 2 X Azimuth Thrusters

(Z-Drive Fixed Pitch)

#### Fire Fitting

FIFI System 2 X 250 m3/hr, Engine Drive 165 kW @ 3100 rpm

Design Standard LR Class





### 40 TONS BOLLARD PULL ASD - KOH TAKIEV

#### Owner

Port Authority of Sihanuokville, Cambodia

#### **Principal Particulars**

Length Overall 31.00 meters
Breadth (Moulded) 9.20 meters
Depth Hull (Moulded) 3.80 meters
Draft (Moulded) 2.90 meters

#### **Propulsion Machinery**

Main Engine 2 X Diesel engine Total power 2 X 1600 PS @ 750 rpm.

Azimuth thruster 2 X 5 blades Propeller diameter 2,000 mm.

Design Standard NK Class





### 50 TONS BOLLARD PULL ASD - TARUA 304

#### Owner

Port Authority of Thailand

#### **Principal Particulars**

Length Overall 36.20 meters
Breadth (Moulded) 10.00 meters
Depth Hull (Moulded) 4.40 meters
Draft (Moulded) 4.00 meters
Gross tonnage 250 tons

#### **Propulsion Machinery**

Main engine 2 X Diesel engines
Total power 2 X 1600 PS @ 750 rpm.
Azimuth thruster 2 X 5 blades FPP in nozzle
Propeller diameter 2,000 mm.

Design Standard LR Class







### 55 TONS BOLLARD PULL – H.T.M.S. TA CHAI

**Principal Particulars** 

Length Overall 31.5 meters
Beam (Moulded) 12.6 meters
Depth (Moulded) 5.4 meters
Draft (Maximum) 4.5 meters

Performance

Speed 12 Knots Accommodation 20 Berths

Capacities

Fuel oil  $160 \text{ m}^2$ Fresh water  $32 \text{ m}^2$ 

Main Machineries

Main Engine 2 x MTU 16V4000M54

Azimuth 2 x Azimuth SCHOTTEL SRP 400

Fire Fitting

Fire Fighting Systems FSS

Design Standard

Designer Robert Allan Class LR + 100A1, Tug,

Firefighting Ship 1 (2400m3/hr) with water spray





# Key Markets / Track Record



Defence & Security



# **Defence & Security**

#### H.T.M.S HUAHIN PGB-541 & H.T.M.S KLANG PGB-542

#### **Principal Particulars**

Length Overall 60.00 meters
Breadth (Moulded) 8.90 meters
Depth Hull (Moulded) 5.25 meters
Max Speed 25.00 knots
Range 500 NM

#### Engine/Generator/ Aux. Machinery

Main Engine

: 3 x PAXMAN, Type 12 VP185, 3,500 BHP

Gen. Set

: 3 x Man, Type D2866 LE, 230 kW. @1,500 RPM. (214 ekW)

Sludge Pump (Sewage)

: 2 x 2kW/Eah

S.W. Pressure  $: 1 \times 7.5 \text{ m}^3/\text{H}$ 

HYD. POWER PACK for CPP

: 1 x LIP, HPP-200







# **Defence & Security**

### Modernization

Refurbishment of 3 (three)
Marine Police Department
Petrol gun boat









Refurbishment on Royal Thai Navy Vessel : Bangrajan & Nongsarai



# Key Markets / Track Record





# Work Boats







## **Work Boat**

### **TARUA 123**

#### Owner

Port Authority of Thailand

#### **Principal Particulars**

Length Overall 41.80 meters
Breadth (Moulded) 10.00 meters
Depth Hull (Moulded) 4.00 meters
Full load Draft (Moulded) 2.70 meters
Deadweight 200 tons
Gross tonnage 593 tons

Design Standard ABS Class







### **Work Boat**

### **TOYOTA Canal Cleaning Boat**

#### Owner

Toyota Motor Thailand

#### **Principal Particulars**

Length Overall 9.00 m.
Beam, (Moulded) 3.50 m.
Depth Hull (Moulded) 1.20 m.
Draft (Moulded) 0.60 m.

#### Foldable Crane

Max.Lifting capacity 6.50 T/m. Outreach hydraulic extension 5.20 m. Lifting Capacity standard

- 3,800kg at 1.70 m.
- 2,300kg at 2.50 m.
- 1,800kg at 3.50 m.
- 1,300kg at 5.00 m.
- 1,000kg at 6.50 m.

Slewing angle 410 angles

#### **Propulsion Machinery**

Main Engine (Diesel engine) X1 1GD-FTV engine 175 hp at 3400 rpm. X2 Paddle Wheel











### 16 units of Paddle wheel

#### **Principal Particulars**

Length Overall

14.00 meters

Breadth (Moulded) 3.80 meters
Depth Hull (Moulded) 0.85 meters
Draft max load 0.40 meters

#### Performance

Max. speed: 6 km/hr.

Main Engine 1 X 60 HP, 2600 rpm Propulsion System 2 X Paddle Wheels

#### Capacity

Fuel tank 100 L Hydraulic oil tank 180 L











### **Work Boat**

### SEA WASTE COLLECTOR BOAT

#### **Principal Particulars**

Length Overall 15.30 meters
Breadth (Moulded) 4.00 meters
Depth Hull (Moulded) 2.00 meters
Draft max load 1.20 meters

#### Performance

Max. speed: 12 knots

Main Engine 1 X 404 kW, 3300 rpm

Propulsion System 1 X Fixed Pitch

#### Capacity

Fuel tank 500 L 150 L Hydraulic oil tank Oil Separator tank 430 L 100 L Storage tank Oil Dispersant tank 50 L Fresh water tank 100 L 4 m3 Trash container 4 P Crew

#### Design Standard

RINA Class









# Key Markets / Track Record







# Cargo Ships









# Container & Cargo Ship

### M.V.GATI PRIDE 442 TEU Cargo Ship

#### **Principal Particulars**

Length Overall 101.01 m.
Breadth (Moulded) 18.80 m.
Depth Hull (Moulded) 9.30 m.
Draught mean (Full load) 7.30 m.
Gross tonnage 5,015 tons
Cargo ship 422 TEU

#### **Propulsion Machinery**

Main Engine X1 Wartsila 8L32

Output 4,000 kW

Propellers X1 CPP, Dia. 4.5 m.

#### Deck Load

Tank Top in Hold 10 T/sqm.

Weather Deck 40 T/ TEU Container

Hatch Cover 40 T/ TEU/FEU











# Container & Cargo Ship

### Tran-shipment Barge Crane

#### **Principal Particulars**

Length Overall 63.00 meters
Breadth (Moulded) 22.00 meters
Depth Hull (Moulded) 5.00 meters
Designed draft 2.00 meters
Deck Loading 5.00 T/m2
Gross tonnage 2,204 tons
Crane 2xMac Gregor
K3030-4H

#### Scope of work

- Crane column and support design
- Crane column and support installation
- Crane housing and Jib installation
- Crane Load test
- Hull construction
- Accommodation fabrication
- Piping work for Ballast tank ,Gen.
- Cooling and accommodation





# Key Markets / Track Record



# Offshore Vessels



### Offshore Vessel

#### M.V.AZZAM

#### **Principal Particulars**

Length Overall 50.00 meters Breadth (Moulded) 12.00 meters Depth Hull (Moulded) 4.50 meters Draft (Moulded) 3.60 meters **GRT/NRT** 885/265 tons 2,204 tons Deadweight Deck Cargo 255 tons Deck Area 300 Sq.m.

#### **Propulsion Machinery**

Main Engines WARTSILA 6L20 Propulsion 2 x 1440 HP Gear Box ZF.W 12000

Bow Thruster Schottel motor control

Stern Thruster CAT. C18

Aux. Genset 3 x 250 K.W CAT C 9











### Offshore Vessel

### M.V.ADAMS NOMAD

#### **Principal Particulars**

Length Overall

60.00 meters

Breadth (Moulded) 13.30 meters
Depth Hull (Moulded) 5.00 meters
Draft (Moulded) 3.80 meters
GRT 1,419.59 tons
Deadweight 1,024.55 tons

#### **Propulsion Machinery**

Main Engines 2 x Caterpillar 3512B-1174kW

@1600rpm

Propulsion 2 x HRP AZIMUTH THRUSTER

UNTIS, HRP6000 TYPE

HRP6111WM

Bow Thruster 2 x HRP 400C TT rate 350 kwx

1500 rpm

Main Generator 4 x Cummins-STAMFORD 425

kW/440 V/60 Hz/3 Ph

Emergency 1 x Cummins-STAMFORD 64

kW/440 V/60 Hz/3 Ph









### Offshore Vessel

### M.V. PAC BINTON

#### **Principal Particulars**

Length Overall 90.59 meters
Breadth (Moulded) 20.00 meters
Depth Hull (Moulded) 5.00 meters
Draft (Moulded) 3.70 meters
GRT/NET 2,518/755 tons

Deck Area 531.3 Sq. meter 100 mm

thick hardwood allow the travel of 225 SWL crawler

crane, which is 200t in weight.

about 200t in weig Deck Strength 10 T/M2

#### **Propulsion Machinery**

Main Engines 2 x YANMAR M220
Propulsion 2 X Fix pitch propeller
Bow Thruster Jastram bow thruster type

BU60

Aux. Genset 4 x 218 kW Caterpillar 3406B

3 x 500 kW Caterpillar 3412









# Key Markets / Track Record



# Passenger & Ferries





### Aluminum Catamaran - Pralarn

#### **Principal Particulars**

Length Overall 20.00 meters B.O.A. 8.00 meters B.HULL ONLY 5.25 meters DEPTH MLD. 2.60 meters DRAUGHT MEAN 1.25 meters SPEED (FULL LOAD) 25 knots Passenger 140 PAX.

#### **Propulsion Machinery**

Main Engine 2 X MTU

SHAFTING 2 X FIXED PITCH PROPELLER









### Aluminum Catamaran - Namuang

#### **Principal Particulars**

Length Overall 26.40 meters B.O.A. 8.50 meters B.HULL ONLY 2.30 meters DEPTH MLD. 2.60 meters DRAUGHT MEAN 1.25 meters SPEED (FULL LOAD) 25 knots Passenger 260 PAX.

#### **Propulsion Machinery**

Main Engine 2 X MTÚ

SHAFTING 2 X FIXED PITCH PROPELLER





### 4 units of Air Conditioned Aluminum Catamaran - RIVA EXPRESS 1-4

#### SHIP PARTICULARS

CONSTRUCTION ALUMINIUM

LENGTH OVERALL 23.95 m. MOULDED DEPTH 2.9 m.

BEAM EXTREME 7.0 m. (6.7m. MOULDED)

 DWL
 1.15 m.

 FUEL
 2x 900 L

 WATER
 2x 200 L

 SULLAGE
 1x 400 L

 PASSENGERS
 230 PAX

CREW 2 P

ENGINES 2x 350hp

PROPULSION FIXED PITCH PROPELLERS SURVEY / CLASS NSCV 1E (AUSTRALIAN)







### 200-PAX Electric Catamaran - MINE SMART FERRY NO.12-16

**Principal Particulars** 

Length Overall 23.97 meters
Breadth (Moulded) 7.00 meters
Depth Hull (Moulded) 2.30 meters

Passenger

Passengers 250 seats

Propulsion

Electric Motor 2x 135 kW
Battery Capacity 815 kW-hr.
Speed App. 20 Km/H.







### Under construction

### **BUOY TENDER VESSEL**

#### **Ship Information**

End-user: Naval Hydrographic Department, RTN

Designer: SeaTech Solution International

Classification: ABS - +A1, (E), +AMS, +ACCU, HAB+

"BUOY TENDERS"

#### **Principal Particulars**

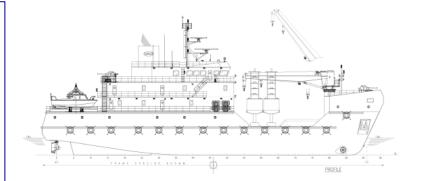
Length Overall 60.00 M
Breadth (Moulded) 13.30 M
Depth (Moulded) 5.00 M
Maximum Draft (Full loaded) 3.05 M
Crew 67 men

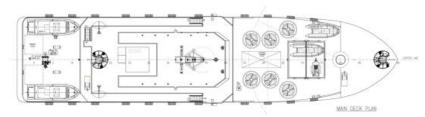
#### Performance

Maximum Speed 13.1 Knots
Cruising Speed 10 Knots
Range +2400 nm
Endurance 10 Days

#### Main Machinery & Equipment

- 2 x Azimuth Thruster, E-motor driven
- 1 x Bow Thruster
- 3 x 1400 kWe Main Generator set
- 1 x Harbor generator set
- 1 x Integrated Bridge System
- 1 x Integrated Platform Management System
- 1 x 15 Ton SWL Crane with Double hoists
- Multibeam





#### Capacities

Fuel Oil Storage 63.5 Cu.M Fuel Oil Service 55.5 Cu.M Fresh Water 102 Cu.M Lube Oil 2.0 Cu.M Gray Water 38.0 Cu.M Black Water 8.0 Cu.M

#### Armament

- 1 x 20mm FWD Machine Gun
- 1 x 20mm AFT Machine Gun
- 2 x 0.50 in, P & S Machine Gun

