#### Công Ty Du Thuyền Đông Dương

Văn phòng : 7/11A Nguyễn Thị Minh Khai, P.Bến Nghé, Q.1, Tp.HCM. Việt Nam ĐT/Fax: 08.38230991 - DĐ: 0908183465 - Email: giangdk@hcm.vnn.vn Nhà máy: 1017 đường Bình Quới, P.28, Q. Bình Thạnh

> ĐT/Fax: 08.35565954 MST: 0309313921



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# **SEAHORSE CAT**

Dear customer,

We, Yachts of Indochine Co. Ltd., registered in HCMC under GCNĐKKD 0309313921, re-presented by Mr. Do Kim Giang. With honor, we introduce ourselves as the FIRST manufacturer of CATAMARAN Ship in Vietnam.

In these pictures below you may see our Cat 42 (named Seahorse), which was launched at Sai Gon River Port on April 24th, 2012.



**Forepart View** 

Backside View







Portside View

### This Cat 42 was designed by these main parameters:

- Category C (inshore waters 6 miles distance from the coast)
- LOA 12,80 m.
- BOA 6,22 m.
- T (draft) 0,75 m.
- DW 3,8 tons.
- D 1,45m

- LWL 12,00 m.
- BWL 1,26 m (each hull).
- D (displacement) 12,5 tons.
- Cruising speed 18 knots.
- Maximum speed 22,5 knots (25 knots in calm waters).



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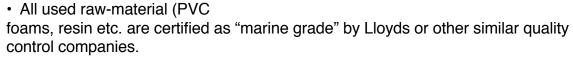
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#### A few technical details:

• Hulls and superstructure are made from GRP (glass reinforced plactic) sandwich panels. For manufacturing of such a panels a PVC foam (density and quality acc. to designer) and glass layers (again quantity, quality and fibre orientation were

specified by designer) as a panel skin are used. For resin filling vaccuum infusion technology was implemented. The humidity and ambient temperature within the panels manufacturing process were controled and recorded. Records are available in case of your consultation.

 This modern manufacturing technology and know-how was also used for the first time in VietNam (as far as we are informed).



Anti-fouling painting protects the bottoms of hulls.



# This Cat 42 was designed by our partner company:

- Kelsall Catamarans (maritime design office located on the New Zealand).
- The Kelsall design was also checked and approved by SGS New Zealand (in conformity with Maritime New Zealand Rule 40).
- The main panels were tested on the Reaserch Center for Technology and Industrial Equipment in HCMC, VietNam.

This Cat 42 was produced with raw-material delivered by our partners from EU:

• 3MI Ltd. and BENEX Prague Ltd. (consulting and trading companies dealing with maritimel equipment) and in cooperation with various local companies (which delivered mainly electroinstallation and navigation equipments).



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# CAT 42 STANDARD EQUIPMENT

#### Main engines:

 2pcs of Yanmar 6BY 220 engines with elektronic control head (Japan, USA, Canada origin) incl. gearbox (2 pcs) (Japan origin).

#### Navigation equipments:

- ICOM radar RM1200 RII (for distance 36 nautical miles) (Japan origin).
- FURUNO G-32 GPS navigator (Japan origin).
- FURUNO Echo sounder LS-4100 (Japan origin).
- VHF marine radio ICOM-M402 (Japan origin).
- Weather station Wizard III (USA origin).
- Navtex (SNX-300) receiver for GMDSS (Korea origin).
- Ritchies compass (USA origin).
- VHF Marine transceiver ICOM capacity 6W, type IC-M36 (japan origin).



- VETUS engine accessories (Netheerland origin).
- Controlling equipment VETUS for temperature of exhaust pipe of main motors.
- Display of angles of rudders.

#### **Electric equipments:**

- Technano diesel generator 6,5kW (Taiwan origin).
- · Inverter Hanshin 50 Ahm (Vietnam origin).
- · Chager Hanshin 100 Ahm (Vietnam origin).
- 2 pcs of 120 Ahm batterie PINACO (Vietnam origin).
- 3 pcs of 200 Ahm batteries PINACO (Vietnam origin).
- Electric cables/wiring (Korea origin)
- · Sockets and switches Clipsall (Australia origin).

Diesel Marine Engine Yanmar 220HP

**Helm Station** 

#### Power sources:

- 3 power sources 220V, 50Hz from port, diesel generator and from baterie passed by inverter 50 Ahm.
- 12V and 24V from bateries.



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#### **Fuel source:**

300 liters aluminum fuel tanks (2 pcs).

#### Water sources:

- 300 liters stainless steel fresh water tanks (2 pcs) with delivering pressure pump PANASONIC 220v, 50Hz and 4m3/h;
- · Macer pump 24V;
- 300 liters stainless steel handling water tanks (2 pcs) with 2 Pumps PANASONIC 220v, 50Hz,4m3/h.

(Note: ship is environmental friendly – all waste waters are collected in the waste water tanks (handling tanks) and pump-out in port only).





#### Places on board:

• Cabin for 33 passengers (33 confortable seats - produced locally) with comfortable fully furnished, ceiling air-conditioner DAIKIN 18000 BTU, audio system (DVD, Karaoke amplifier ARIRANG 300W, 06 pcs of speaker and 2pcs of LED 32" Samsung TVs have the control system by power motors 24V). In each row seat has instinct socket and switch 220v.





33 comfortable seats 2 for VIP



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#### **Interior:**

- · Wooden floor in cabin, kitchen and on the WC (Germany origin).
- PVC floor in 2 bedrooms in the hull ( Koreje origin ).



Kitchen

Restroom



Bedroom in Hull for crew



Sockets, Switches and Life Vest for each seat

#### **Exterior:**

· Floor DEK-KING (UK origin) on background deck.





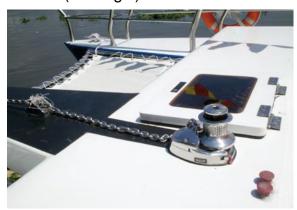
Floor DEK-KING



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#### System of another quipments:

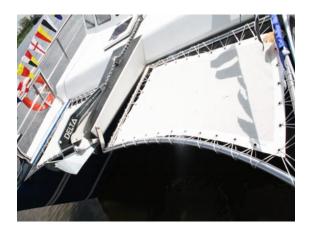
• Lewmar vertical electric control gypsy windlass (UK origin).



Lewmar anchor type DELTA (UK origin).



- Stainless steel anchor chain.
- Stainless steel clutches Lewmar.
- · Low-energy consumable LED boat lightings (Taiwan origin).
- 2 pcs of trampoline (France origin).





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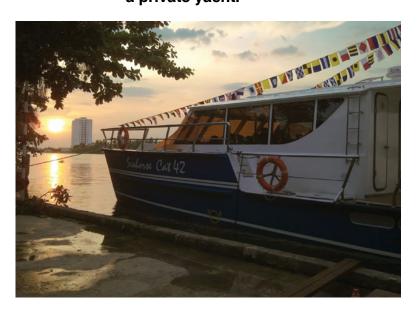
#### **Safety equipment:**

- · Fire sensors and fire-extinguish bottles.
- · 40 pcs of life vests for all passengers and crew.
- 01 pc of life surveillance raft for 12 persons.
- 04 pcs for lifebouy.
- 02 pcs of fire canvas.
- EPIRB SEP-406.
- 08 pcs of APP bilge pumps in separate watertight spaces.
- · Search and rescue radar transponder SAR-9.
- Forward collision watertight bulkhead.
- And another equipment below regulation of Vietnamese register.

#### Dear Sir/Madam,

We are proud to inform you that all the above descriptions of the ship are available to sell or rent. If you are interested in, please do not be hesitated to contact us through our telephone or e-mail.

We also may offer you catamaran tailored according to your wishes and dreams, it does not matter if you need a ferry, taxi boat, workboat or a private yacht.



## **OUR TEAM WILL CHANGE YOUR DREAM TO REALITY**