

# Introduction

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**Publication:** Jane's Fighting Ships

**UPDATED**



*National Flag and Ensign*

1528778

## Country overview

The People's Republic of China, proclaimed on 1 October 1949, is the world's third-largest country by area (3,695,000 square miles) and the largest by population. It is bordered to the northwest by Kyrgyzstan, Kazakhstan, to the north by Mongolia, and Russia, to the south by Vietnam, Laos, Myanmar, India, Bhutan, and Nepal, to the east by North Korea and to the west by Pakistan, Afghanistan, and Tajikistan. It has a 7,830 n mile coastline with the Yellow, East China, and South China seas. There are more than 3,400 offshore islands of which Hainan is the largest. Sovereignty over Taiwan is also claimed. In the South China Sea there are territorial disputes between China, Brunei, Taiwan, Vietnam, Malaysia, Indonesia, and the Philippines and in the East China Sea between China, Japan, and South Korea. The principal ports are Shanghai, Qingdao, Shantou, Xiamen, Tianjin, Guangzhou, Hong Kong, Dalian, and Ningbo-Zhoushan. Overall there are 54,000 n miles of navigable inland waterways including the Yangtze River on which the port of Wuhan is situated. Territorial seas (12 n miles) are claimed. A 200 n mile exclusive economic zone (EEZ) has also been claimed but the limits have not been defined.

## Headquarters appointments

<i>Commander-in-Chief of the Navy:</i>	Admiral Shen Jinlong
<i>Political Commissar of the Navy:</i>	Admiral Qin Shengxiang
<i>Deputy Commanders-in-Chief of the Navy:</i>	Vice Admiral Tian Zhong Vice Admiral Qiu Yanpeng Vice Admiral Liu Yi Vice Admiral Ding Yi Vice Admiral Feng Danyu Vice Admiral Su Zhiqian
<i>Chief of Naval Staff:</i>	Vice Admiral Zhang Wendar

## Fleet commanders

<i>North Sea Fleet:</i>	Vice Admiral Hu Zhongming
<i>East Sea Fleet:</i>	Vice Admiral Wei Gang
<i>South Sea Fleet:</i>	Vice Admiral Wang Hai

## Personnel

- (a) 2018: 235,000 officers and men, including 25,000 naval air force, 8-10,000 marines (28,000 in time of war), and 28,000 for coastal defence
- (b) 2 years' national service for sailors afloat; 3 years for those in shore service. Some stay on for up to 15 years. 41,000 conscripts

## Operational numbers

Because numbers of vessels are kept in operational reserve, the Chinese version of the order of battle tends to show fewer ships than are counted by observers.

## Organisation

The North Sea Fleet is responsible for the defence of the Yellow Sea and Bohai Sea as well as the maritime gateway to Beijing. The East Sea Fleet is responsible for the defence of the East China Sea and the Yellow Sea south of Lianyungang, and the north of the Taiwan Strait. The South Sea Fleet is responsible for the South China Sea and the southern part of the Taiwan Strait, including protecting maritime interests in the south, including the Xisha Islands (Paracel Islands) and the Nansha Islands (Spratly Islands). Each of the North, East, and South Sea Fleets has two submarine divisions, four or more destroyer/frigate (DD/FF) units and at least one mine countermeasure vessel (MCMV) unit. They also have at least one landing division each. All fleets have at least one submarine unit and two Marine brigades.

## **Bases**

North Sea Fleet. Major bases: Qingdao (HQ), Lushun, Huludao. Other bases: Dalian, Xiaopingdao (Dalian), Qinhuangdao, Weihai, Chengshan, Qingdao (Guzhenkou, Taolin), Jianggezhuang (Nanyaowan, Laoshan).

East Sea Fleet. Major bases: Ningbo (HQ), Shanghai, Zhoushan. Other bases: Xiangshan, Fujian (Fuzhou), Dinghai, Wusong (Shanghai), Wuhan and Daxie dao.

South Sea Fleet. Major bases: Zhanjiang (HQ), Guangzhou, Yulin. Other bases: Beihai, Xiachuan Island, Yalong Bay (Sanya), Shantou Harbour, Angchuanzhou (Stonecutter's Island, Hong Kong).

## **Coast defence**

There are semi-fixed sites and mobile coastal defence units equipped with surface-to-surface missiles (SSMs), including the YJ-62.

## **Equipment procurement**

Although often listed under the name of the designer, equipment has not necessarily been supplied direct from the parent company. It may have been acquired from a third party or by reverse engineering.

## **Training**

The main training centres are:

Dalian: Naval Academy

Guangzhou: Naval Arms Command College

Qingdao: Submarine Academy

Wuhan: Naval Engineering University

Nanjing: Naval Command College

Yantai: Naval Aeronautical Engineering College

Bengbu: Naval School for Non-Commissioned Officers

## **Marines**

There are two brigades based at Zhanjiang and subordinate to the navy. Each has three infantry regiments and one artillery regiment.

## **Naval air force**

With 25,000 officers and men and more than 800 aircraft, this is a considerable naval air force primarily land-based. There is a total of eight Divisions with 27 Regiments split between the three Fleets.

Air bases include:

North Sea Fleet: Dalian, Qingdao, Jinxi, Jiyuan, Laiyang, Jiaoxian, Xingtai, Laishan, Anyang, Changzhi, Liangxiang and Shan Hai Guan.

East Sea Fleet: Danyang, Daishan, Shanghai (Dachang), Ningbo, Luqiao, Feidong and Shitangqiao.

South Sea Fleet: Foluo, Haikou, Lingshui, Sanya, Guiping, Jialaishi and Lingling.

### **Strength of the Fleet**

	<i>Active</i>	<i>Building</i>
<i>Type</i>	<i>(Reserve)</i>	<i>(Planned)</i>
SSBN	4	2
SSN	9	2
SSK/SSG	57	4
SSA	1	-
Aircraft carriers	2	(1)
Destroyers	33	23 (2)
Frigates	50	(20)
Corvettes	50	22
Fast attack craft (missile)	74	-
Patrol craft	60	-
MCMVs	37	1
LPDs	6	2
LHDs	-	3
LSTs	31	-
LSMs	21	-
Survey/research	15	2
Space tracking ships	4	-
Intelligence vessels	21	-
Training ships	4	-

Troop transports	2	-
Submarine support ships	10	-
Supply ships	14	-
Fleet replenishment ships	13	2
Support tankers	34	-
Hospital ship	2	-
Icebreakers	2	-

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# Pennant list

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#### **PENNANT LIST**

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## 165 m offshore patrol vessel

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**(WPSOH)**

**BUILDING: 1**

***NEW ENTRY***

### Fleetlist

This information is unavailable.

<b>165 m offshore patrol vessel</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	10700 tonnes (10531.0 (uk) t) (11794.7 t (short)) (10700000 kg)
<b>Length</b>	
overall:	165 m (541.3 ft)
<b>Beam</b>	
overall:	20.6 m (67.6 ft)
<b>Draught</b>	
hull:	9.5 m (31.2 ft)
<b>Machinery:</b>	To be announced.

**Firepower****Helicopters:** To be announced.

**Comment:** Construction of a new offshore patrol vessel of 165 m length for the Guangdong Maritime Safety Administration commenced at Huangpu Wenchong Shipbuilding on 18 May 2019. Delivery planned in 2021. May be similar to the coast guard Zhaotou class.

## Achelous class

**Date Posted:** 28-Oct-2005**Publication:** Jane's Fighting Ships**(REPAIR SHIP) (ARL)****IN SERVICE:** 1**ARCHIVED**

Name	No
DAGUSHAN (ex-Hsiang An, ex-Achilles ARL 41, ex-LST 455)	U 891
<b>Displacement, tons:</b>	1,625 light; 4,325 full load
<b>Dimensions, feet (metres):</b>	328 × 50 × 14 (100 × 15.2 × 4.3)
<b>Main machinery:</b>	2 GM 12-567A diesels; 1,800 hp (1.34 MW); 2 shafts
<b>Speed, knots:</b>	12
<b>Complement:</b>	270
<b>Guns:</b>	12 China 37 mm/63 (6 twin). 4 China 14.5 mm/93 (2 twin)
<b>Radars:</b>	Navigation: Fin Curve; I-band

**Comment:** Launched on 17 October 1942. Transferred to Nationalist China from the USA as *Hsiang An* in September 1947. Burned and grounded in 1949, salvaged and refitted. Has 60 ton A-frame and 25 ton crane. Based in East Sea Fleet.



DAGUSHAN (*Fischer/Donko*)

0056787

## Ankang class

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**(HOSPITAL SHIPS) (AH)**

**IN SERVICE: 5**

***UPDATED***

### Fleetlist

No
Bei Yi 01
Nan Yi 10
Nan Yi 11
Dong Yi 12
Dong Yi 13
<b>Ankang</b>
<b>Dimensions and weights</b>

<b>Length</b>	
overall:	60 m (196.9 ft)
<b>Beam</b>	
overall:	9 m (29.5 ft)
<b>Machinery:</b>	4 diesels; 4 shafts
<b>Firepower</b>	
<b>Radar:</b>	To be announced.

**Comment:** Fast medical evacuation craft likely to work with larger hospital ships operating offshore, such as Type 920 (Anwei) or Type 0891A (Dashi). Basing: 01 based in the North Sea Fleet; 12 and 13 based in the East Sea Fleet; 10 and 11 in the South Sea Fleet.

## Anwei (Type 920)

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**(HOSPITAL SHIP) (AHH)**

**IN SERVICE:** 1

**UPDATED**

### Fleetlist

ship names	No	Builders	Laid down	Launched	Commissioned
Daishan Dao	866	/ Guangzhou Shipyard International	2006	29 Aug 2007	22 Dec 2008

**Anwei**

### **Dimensions and weights**

### **Displacement**

full load: 14200 tonnes (13975.7 (uk) t) (15652.8 t (short)) (14200000 kg)

### **Length**

overall:	178.0 m (584.0 ft)
<b>Beam</b>	
overall:	24.0 m (78.7 ft)
<b>Draught</b>	
hull:	6.8 m (22.3 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	20 kt (37.0 km/h) (23.0 mph)
<b>Range</b>	
standard:	10000 n miles (18520.0 km) (11507.8 miles) at 14 kt (25.9 km/h) (16.1 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	135
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Radar:</b>	To be announced.
<b>Helicopters:</b>	1 Z-8JH.

**Comment:** The first purpose-built hospital ship for the Chinese Navy was launched in August 2007 and commissioned in 2008. Known as the Peace Ark, the ship is based at Zhoushan (East Sea Fleet). Fitted with a flight deck and hangar, it can embark and operate the Z-8JH medivac helicopter. The ship is equipped with eight operating theatres and has deployed extensively to developing countries providing free medical treatment. 'Harmony Mission 2017' encompassed Angola, Democratic Republic of Congo, Djibouti, Gabon, Mozambique, Sierra Leone, Tanzania, and Timor-Leste, where a total of more than 60,000 people were given treatment.



*DAISHAN DAO (Annati Collection)*

1366774

## Bin Hai class

**Date Posted:** 13-Feb-2013

**Publication:** Jane's Fighting Ships

**(AGOR)**

**IN SERVICE:** 1

***ARCHIVED***

### **Fleetlist**

	No
HAI 521	<b>Bin Hai</b>
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	559 tonnes (550.2 (uk) t) (616.2 t (short)) (559000 kg)
<b>Length</b>	
overall:	50 m (164.0 ft)
<b>Beam</b>	
overall:	10 m (32.8 ft)

<b>Draught</b>	
hull:	3.5 m (11.5 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	14 kt (25.9 km/h) (16.1 mph)
<b>Range</b>	
standard:	5000 n miles (9260.0 km) (5753.9 miles) at 11 kt (20.4 km/h) (12.7 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	15
officers:	7
civilian	
scientists:	25
<b>Machinery:</b>	2 Niigata Type 6M26KHHS diesels; 1,600 hp(m) (1.18 MW); 2 shafts; bow thruster
<b>Firepower</b>	
<b>Radar:</b>	<b>Navigation:</b> Japanese AR-M31; I-band.

**Comment:** A purpose-built research ship built by Niigata Engineering Co, Niigata (Japan) in 1974-75. Launched 10 March 1975. Commissioned July 1975. First operated by the China National Machinery Export-Import Corporation on oceanographic duties. Operates on East and South China research projects but based in North Sea Fleet. For small vessel, has cruiser stern with raked bow and small funnel well aft. Capability to operate single DSRV and the Chinese Navy has a number of Japanese-built KSWB-300 submersibles. Painted white. This ship may belong to the China Marine Oil Company and further vessels may be in service.

## CAC J-7E.

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**IN SERVICE: 24**

**VERIFIED**

<b>Operational speed:</b>	1,175 kt (2,175 km/h).
<b>Service ceiling:</b>	61,680 ft (18,800 m).
<b>Range:</b>	804 n miles (1,490 km).
<b>Role/Weapon systems:</b>	Fleet air defence fighter with limited strike role against enemy shipping or beachhead. Total of about 30 delivered from 1992. About 24 estimated in service. Sensors: Search attack radar, some ECM. Weapons: ASuW; 500 kg bombs or 36 rockets. Standard; two 30 mm cannon. AAM; PL-5B, PL-8.



J-7E (*Ships of the World*)

0554725

## CAC J-10A/J-10S

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**UPDATED**

<b>Operational speed:</b>	793 kt (1,468 km/h).
<b>Service ceiling:</b>	55,780 ft (17,000 m).
<b>Range:</b>	891 n miles (1,650 km).

<b>Role/Weapon systems:</b>	J-10A: single-seat fighter. J-10S: two-seat trainer. In service with PLAAF and 12th Air Regiment of PLANAF. Sensors: pulse Doppler radar, RWR. Weapons: 11 external hardpoints; PL-8, PL-11, PL12 AAMs.
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## CAIG Z-8 Super Frelon.

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**IN SERVICE: 38**

**VERIFIED**

<b>Operational speed:</b>	134 kt (248 km/h).
<b>Service ceiling:</b>	10,000 ft (3,050 m).
<b>Range:</b>	440 n miles (815 km).
<b>Role/Weapon systems:</b>	Anti-submarine warfare (ASW), anti-surface (ASuW), Medivac and SAR roles. Derived from SA 321G Super Frelon initially supplied from France in 1977. 14 ASW/ASuW (Z-8J), 4 Medivac (Z-8JH), and about 20 utility (Z-8) believed to be in-service. Operate from shore or amphibious ships. Deployed on Type 071 LPH for counter piracy operations in 2010, 2013, and 2014. Sensors: surface search radar, Thomson-Sintra HS-12 dipping sonar. Some aircraft fitted with FLIR turret. Weapons: ASW; lightweight torpedoes (Yu-7). ASuW: YJ-83K missile, rockets, and machine guns.



Z-8 (Derek Fox)

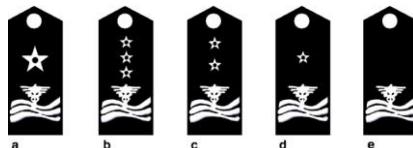
1629716

# China Coast Guard (Bian Jian)

Date Posted: 09-Apr-2019

Publication: Jane's Fighting Ships

**VERIFIED**



The China Coast Guard is part of the State Oceanic Administration. Gold stars with black bosses, gold Coast Guard badge and stylised waves on black braid shoulder-straps; gold buttons. Mandarin rank-titles are not available.

a: Rear Admiral

b: Captain

c: Commander

d: Lieutenant

e: Sub-Lieutenant

1745690

# China Marine Surveillance

Date Posted: 16-Sep-2013

Publication: Jane's Fighting Ships

IN SERVICE: 14

**ARCHIVED**

**Notes:** The **China Marine Surveillance** (CMS) force belongs to the State Oceanic Administration which is part of the Ministry of Land Resources. The force was created in 1998 and is responsible for law enforcement within China's territorial waters and Exclusive Economic Zone (EEZ), environmental protection, navigation aids and maritime surveys. The force is also available for search and rescue. The CMS is organised under three regional headquarters (Qingdao, Shanghai and Guangzhou) each of which contain surveillance ships and an aviation unit. There are also 11 provincial marine surveillance headquarters, 50 municipal marine surveillance headquarters, and 170 county marine surveillance units across the coastal region. There are approximately 100 patrol vessels which have white hulls and four blue stripes on the side. The larger units include: Haijian 83 (98 m, 3,276 tons), Haijian 50 (98 m, 3,216 tons), Haijian 52 (95 m, 2,421 tons), Haijian 51 (88 m, 1,937 tons), Haijian 15 and 84 (88 m, 1,870 tons), Haijian 23, 26, 66 and 75 (75 m, 1,149 tons) and Haijian 27 (76 m, 1,124 tons), Haijian 17, 46 and 71 (74 m, 1,100 tons).

ship names

Haijian 83

Haijian 50

Haijian 52

Haijian 51

Haijian 15

Haijian 84

Haijian 23

Haijian 26

Haijian 66

Haijian 75

Haijian 27

Haijian 17

Haijian 46

Haijian 71



*HAI JIAN 23 (Annati Collection)*

1406560

# Coast Guard

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**UPDATED**

**Notes:** (1) The China Coast Guard (CCG) was formerly the maritime branch of the Public Security Border Troops, a paramilitary police force under the leadership of the Ministry of Public Security (MPS). It was announced on 10 March 2013 that this force was to be amalgamated with the forces of the China Marine Surveillance (CMS), the Fisheries Law Enforcement Command (FLEC), and Customs to form a new CCG force commanded by the State Oceanic Administration, an arm of the Ministry of Land and Resources. On 1 July 2018 the China Coast Guard was transferred from the State Council and the State Oceanic Administration (civilian) to the Chinese People's Armed Police force, placing it under the command of the Central Military Commission. All CCG ship numbers are prefixed 'Haijing' and these now also include ex-CMS ships, formerly prefixed 'Haijian', ex-FLEC ships, formerly prefixed 'Yuzheng' and ex-Customs ships, formerly prefixed 'Haiguan'.

(2) A new numbering system started to be applied to pennant numbers in 2019, comprised of either four digits (ships reporting a district command) or five digits (reporting to regional detachment). With a few exceptions, the numbers listed reflect the previously reported system.

(3) The six districts are prefixed by the number 1 (Shanghai), 2 (Ningbo), 3 (Guangzhou), 4 (Wenchang), 5 (Sanya), and 6 (Qingdao) and the second digit indicates tonnage.

(4) The regional detachments are prefixed by the number 11 (Jiangsu), 12 (Shanghai), 13 (Zhejiang), 14 (Fujian), 21 (Guangdong), 22 (Guangxi), 23 (Hainan), 31 (Liaoning), 32 (Hebei), 33 (Tianjin), and 34 (Shandong). The third digit may still indicate tonnage.

(5) There are more than 100 20 m Shaokao-class patrol craft, which have both Haijing and Haijian pennant numbers.

(6) There are two patrol ships of about 57 m, *Yuzheng 21001* and *Yuzheng 21103*.

## Coastal patrol craft

**Date Posted:** 07-Dec-2010

**Publication:** Jane's Fighting Ships

**(NEW) (PB)**

**ARCHIVED**

### Fleetlist

ship names
Gong Bian 4401

Gong Bian 4407	
	<b>unknown</b>
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	59 tonnes (65 t (short)) (59000 kg)
<b>Length</b>	
overall:	22.5 m (73.82 ft)
<b>Beam</b>	
overall:	4.8 m (15.75 ft)
<b>Draught</b>	
hull:	1.6 m (5.25 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	22 kt
<b>Range</b>	
standard:	850 n miles at 11 kt
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	13
<b>Machinery:</b>	2 diesels; 1,600 hp(m) (1.18 MW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	2-14.5 mm (twin).
<b>Radars:</b>	<b>Surface search:</b> I-band.

**Comment:** Large numbers of this type in all Fleet areas. Armaments vary.



GONG BIAN 4401

0056807



GONG BIAN 4407

0017754

# Coastal patrol craft

**Date Posted:** 07-Dec-2010

**Publication:** Jane's Fighting Ships

**(OLD) (PB)**

**ARCHIVED**

## Fleetlist

ship names
Gong Bian 1301
unknown
<b>Dimensions and weights</b>
<b>Displacement</b>
full load: 83 tonnes (91.5 t (short)) (83000 kg)
<b>Length</b>
overall: 25 m (82.02 ft)
<b>Beam</b>
overall: 4.1 m (13.45 ft)
<b>Draught</b>
hull: 1.4 m (4.59 ft)
<b>Performance</b>
<b>Speed</b>
top speed: 14 kt
<b>Range</b>
standard: 900 n miles at 11 kt
<b>Capacity</b>
<b>Complement</b>

military	
crew:	12
<b>Machinery:</b>	2 diesels; 900 hp(m) (662 kW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	4-14.5 mm/93 2 (twin).
<b>Radars:</b>	<b>Surface search:</b> Fin Curve; I-band.

**Comment:** Large numbers of this type still extensively used although numbers are declining in favour of Huxin and the newer CPC design.



*GONG BIAN 1301 (van Ginderen Collection)*

0056808

## Coastal patrol craft

**Date Posted:** 20-Jan-2009

**Publication:** Jane's Fighting Ships

**(OLD) (PB)**

**ARCHIVED**

**Comment:** Shanghai type hull but with a different superstructure. Two twin 14.5 mm MGs.  
Being phased out and replaced by the 800 series of patrol craft.



*HAI GUAN 62*

*0056812*

## Coastal patrol craft

**Date Posted:** 20-Jan-2009

**Publication:** Jane's Fighting Ships

**(NEW) (PB)**

**IN SERVICE: 42**

**ARCHIVED**

No
801
802
803
804
805
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811
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817
818
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825
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829
830
831
832

833	
834	
835	
836	
837	
838	
839	
840	
841	
842	
<b>Displacement, tons:</b>	98 full load
<b>Dimensions, feet (metres):</b>	101.7 × 15.4 × 4.6 (31 × 4.7 × 1.4)
<b>Main machinery:</b>	2 diesels; 2 shafts
<b>Speed, knots:</b>	32
<b>Complement:</b>	15
<b>Guns:</b>	2 China 14.5 mm/93 (twin).
<b>Radars:</b> Surface search:	Racal Decca ARPA; I-band.

**Comment:** Building in Shanghai at about six a year since 1992. More may follow.



## Combatboat 90E

**Date Posted:** 20-Jan-2009

**Publication:** Jane's Fighting Ships  
(PBF)

**IN SERVICE:** 2

**ARCHIVED**

<b>Displacement, tons:</b>	9 full load
<b>Dimensions, feet (metres):</b>	39 × 9.5 × 2.3 (11.9 × 2.9 × 0.7)
<b>Main machinery:</b>	1 Scania AB DSI 14 diesel; 398 hp(m) (293 kW); waterjet
<b>Speed, knots:</b>	40
<b>Complement:</b>	2

**Comment:** Two delivered to Hai Guan in April 1997. This is the transport version of the Swedish raiding craft and can lift two tons of stores or 6-10 troops.



*COMBATBOAT 90E (Swedish colours) (Per Körnefeldt)*

0056813

## Converted Type 813

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

## (OFFSHORE PATROL SHIP) (WPSO)

**IN SERVICE:** 1

**UPDATED**

### Fleetlist

ship names
Haijing 3469 (ex-Qimengxing 852 , ex-Xiangyanghong 21)
Converted Type 813
<b>Dimensions and weights</b>
<b>Displacement</b>
standard: 4950 tonnes (4871.8 (uk) t) (5456.4 t (short)) (4950000 kg)
<b>Measurement</b>
gross tonnage: 3536 tonnes (3480.2 (uk) t) (3897.8 t (short)) (3536000 kg)
<b>Length</b>
overall: 112.2 m (368.1 ft)
<b>Beam</b>
overall: 15.2 m (49.9 ft)
<b>Draught</b>
hull: 5.5 m (18.0 ft)
<b>Performance</b>
<b>Speed</b>
top speed: 18 kt (33.3 km/h) (20.7 mph)
<b>Machinery:</b> 2 Hudong 9ESDZ 43/82B diesels; 9,000 hp (6.62 MW); 2 shafts
<b>Firepower</b>
<b>Radar:</b> To be announced.

**Comment:** Former intelligence collection ship built in 1982. Transferred to the Coast Guard in 2013. Reported to be ice-strengthened.

# Customs

**Date Posted:** 16-Sep-2013

**Publication:** Jane's Fighting Ships

***ARCHIVED***

**Notes:** The Customs force is subordinate to the General Administration of Customs. Its ships have a grey hull and white superstructure and numbers begin with the prefix 'Haiguan'.

## Dachou (Type 917A) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

(AGT)

**IN SERVICE:** 4

***VERIFIED***

### Fleetlist

No
Bei Yun 530
Dong Yun 760
Nan Yun 846
Nan Yun 847
Dachou

### Dimensions and weights

#### Length

overall: 67 m (219.8 ft)

#### Beam

overall: 9.3 m (30.5 ft)

#### Draught

<b>hull:</b>	2.7 m (8.9 ft)
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Radar:</b>	To be announced.

**Comment:** Torpedo recovery vessels, which appear similar in design to that of the Wochi class mine countermeasures vessels. The first was built at Wuzhou Shipyard and entered service in 2006. Constructed with a hydraulically operated stern ramp to facilitate torpedo recovery. Single hydraulic crane on quarterdeck for recovering torpedoes from abeam or astern. Basing: 530 in the North Sea Fleet, 760 in the East Sea Fleet, and 846 and 847 in the South Sea Fleet.



*DACHOU CLASS (Ships of the World)*

1335653

## Dadao (Type 648) class

**Date Posted:** 20-Nov-2018

**Publication:** Jane's Fighting Ships

(ASL)

**IN SERVICE:** 1

**ARCHIVED**

### Fleetlist

No	Builders	Commissioned
Dong Xiu 911	/ Bohai Shipyard , Huludao	Jan 1985

<b>Dadao</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	1780 tonnes (1751.9 (uk) t) (1962.1 t (short)) (1780000 kg)
<b>Length</b>	
overall:	78.7 m (258.2 ft)
<b>Beam</b>	
overall:	12.4 m (40.7 ft)
<b>Draught</b>	
hull:	4.0 m (13.1 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	16 kt (29.6 km/h) (18.4 mph)
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	8-25 mm (4 twin).
<b>Radars:</b>	<b>Navigation:</b> I-band.

**Comment:** The role of the ship is to provide conventional submarines with repair and maintenance facilities in addition to fuel and water. Based in the East Sea Fleet but possibly decommissioned.



DONGXIU 911

1406558



DADAO CLASS SILHOUETTE (Ian Sturton)

1164373

## Dadie (Type 814A) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

(AGI)

**IN SERVICE:** 1

**UPDATED**

### Fleetlist

No	Builders	Commissioned
Bei Diao 900 (ex-Bei Diao 841 , ex-V 841)	/ Wuchang Shipyard , Wuhan	1986
<b>Dadie</b>		
<b>Dimensions and weights</b>		

<b>Displacement</b>	
full load:	2591 tonnes (2550.1 (uk) t) (2856.1 t (short)) (2591000 kg)
<b>Length</b>	
overall:	94 m (308.4 ft)
<b>Beam</b>	
overall:	11.3 m (37.1 ft)
<b>Draught</b>	
hull:	4 m (13.1 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	20 kt (37.0 km/h) (23.0 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	170
officers:	18
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	4-14.5 mm.
<b>Radars:</b>	<b>Navigation:</b> 2 Type 753; I-band.

**Comment:** As with many AGIs, details of collection masts/antennas change with time. May be fitted with large spherical radome enclosing collection dish behind bridge roof.  
Assigned to the North Sea Fleet; operates primarily in Sea of Japan and East China Sea.



## Dadong (Type 946A) class

**Date Posted:** 10-Jul-2015

**Publication:** Jane's Fighting Ships

**(SALVAGE SHIPS) (ARS)**

**IN SERVICE:** 1

**ARCHIVED**

### Fleetlist

No
304
<b>Dadong</b>

### Dimensions and weights

#### Displacement

full load: 1524 tonnes (1499.9 (uk) t) (1679.9 t (short)) (1524000 kg)

#### Length

overall: 84.4 m (276.9 ft)

#### Beam

overall: 11 m (36.1 ft)

#### Draught

hull: 2.7 m (8.9 ft)

#### Performance

#### Speed

top speed: 18 kt (33.3 km/h) (20.7 mph)

#### Capacity

<b>Complement</b>	
military	
crew:	150
<b>Cranes</b>	
number:	1
<b>Machinery:</b>	2 diesels; 7,400 hp(m) (5.44 MW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	4-25 mm/80 (2 twin).
<b>Radars:</b>	<b>Navigation:</b> Type 756; F-band.

**Comment:** Built at Hudong Shipyard, Shanghai and entered service in December 1982. Has a large and conspicuous crane aft. Principal role is wreck location and salvage. Based in the East Sea Fleet.



DADONG 304

1483020

## Dadu (Type 680) class

**Date Posted:** 10-Sep-2019

**Publication:** Jane's Fighting Ships

**(TRAINING SHIP) (AXH)**

**IN SERVICE:** 1

**UPDATED**

## Fleetlist

ship names	No	Builders	Launched	Commissioned
Qi Jiguang	83	/ Liaonan Shipyard , Lushun	Sep 2016	21 Feb 2017
<b>Dadu</b>				
<b>Dimensions and weights</b>				
<b>Displacement</b>				
full load:		9000 tonnes (est.) (8857.9 (uk) t est.) (9920.8 t (short) est.) (9000000 kg est.)		
<b>Length</b>				
overall:		163.0 m (534.8 ft)		
<b>Beam</b>				
overall:		22.0 m (72.2 ft)		
<b>Performance</b>				
<b>Speed</b>				
top speed:		22 kt (40.7 km/h) (25.3 mph)		
<b>Capacity</b>				
<b>Complement</b>				
military				
instructors:		50		
trainees:		400		
<b>Machinery:</b>		2 diesels; 2 shafts		
<b>Firepower</b>				
<b>Guns:</b>		1 H/PJ-26 76 mm/59 (AK-176); 120 rds/min to 15 km (8.1 n miles); weight of shell 5.9 kg. 2 H/PJ-17 30 mm.		
<b>Radars:</b>		<b>Surface search/navigation:</b> E/F/I-bands.		

**Comment:** A new training ship was launched at Liaonan Shipyard, Lushun, in about September 2016. The ship is attached to the Dalian Naval academy and its role is to provide initial sea training of naval cadets; there is accommodation for 400 trainees. Design features include a large lecture theatre, a gymnasium, and a ship handling simulator. The ship is also equipped with a large flight deck (but no hangar) aft. The ship sailed from Lushun in September 2017 for a three-month deployment, visiting Italy, Portugal, Sri Lanka, and Thailand.

## Daguan class

**Date Posted:** 07-Nov-2018

**Publication:** Jane's Fighting Ships

**(PERSONNEL TRANSPORT SHIP) (AP)**

**IN SERVICE:** 2

***UPDATED***

### Fleetlist

ship names	No	Builders	Commissioned
Xu Xiake	88	/ Guangzhou Shipyard	2011
	89	/ Guangzhou Shipyard	2017

**Daguan**

### **Dimensions and weights**

### **Displacement**

full load: 30000 tonnes (29526.2 (uk) t) (33069.3 t (short)) (30000000 kg)

### **Length**

overall: 196.0 m (643.0 ft)

### **Beam**

overall: 28.0 m (91.9 ft)

### **Draught**

hull: 8.0 m (26.2 ft)

<b>Performance</b>	
<b>Speed</b>	
top speed:	20 kt (37.0 km/h) (23.0 mph)
<b>Range</b>	
standard:	8000 n miles (14816.0 km) (9206.2 miles) at 14 kt (25.9 km/h) (16.1 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	130
<b>Machinery:</b>	2 diesels; 14,400 hp (10.7 MW); 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	To be announced.
<b>Helicopters:</b>	Flight deck only.

**Comment:** Barracks ship, with accommodation for 2,500. Used in support of the carrier programme and is berthed adjacent when carrier alongside. A running track is marked out on the top deck. The arrival of the second ship (89) in Dalian in January 2018 led to much speculation that the second carrier was about to commence sea trials.

## Dahua (Type 909/909A) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

(AGE)

**IN SERVICE:** 2

**UPDATED**

### Fleetlist

ship names	No	Builders	Commissioned

Bi Sheng	891 (ex-970 , ex-909)	/ Hudong-Zhonghua , Shanghai	Dec 1997			
Hua Luogeng	892	/ Hudong-Zhonghua , Shanghai	2012			
<b>Dahua</b>						
<b>Dimensions and weights</b>						
<b>Displacement</b>						
full load:	6096 tonnes (5999.7 (uk) t) (6719.7 t (short)) (6096000 kg)					
<b>Length</b>						
overall:	130.0 m (426.5 ft)					
<b>Beam</b>						
overall:	17.5 m (57.4 ft)					
<b>Draught</b>						
hull:	7 m (23.0 ft)					
<b>Performance</b>						
<b>Speed</b>						
top speed:	20 kt (37.0 km/h) (23.0 mph)					
<b>Capacity</b>						
<b>Complement</b>						
military						
crew:	80					
<b>Machinery:</b>						
2 diesels; 2 shafts						
<b>Firepower</b>						
<b>Helicopters:</b>	Platform (891) for one medium.					

**Comment:** Weapons trials ships equipped to test a number of the PLAN's modern radars and missiles, such as Type 346/346A AESA radars, HHQ-9 vertically launched AAW missiles, and HHQ-10 short-range air-defence system. Launcher for HHQ-10 installed on flight deck of 892. A new search radar was noted to have been installed on 892 by January 2020. Changes to appearance of superstructure reflect systems under test. 892 entered service 15 years after 891 and designated Type 909A.



*DAHUA CLASS SILHOUETTE (Ian Sturton)*

1164393

## Dajiang (Type 925) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(SUBMARINE SUPPORT SHIPS) (ASRH)**

**IN SERVICE: 3**

**UPDATED**

### Fleetlist

ship names	No	Builders	Launched	Commissioned
Changxing Dao	861 (ex-J 121)	/ Jiangnan Shipyard , Shanghai	27 Aug 1979	May 1982
Chongming Dao	862 (ex-J 302)	/ Jiangnan Shipyard , Shanghai	31 Mar 1976	Aug 1979
Yongxing Dao	863 (ex-J 506)	/ Jiangnan Shipyard , Shanghai	1978	Jan 1980

**Dajiang**

### **Dimensions and weights**

#### **Displacement**

full load: 12167 tonnes (11974.8 (uk) t) (13411.8 t (short)) (12167000 kg)

#### **Length**

overall: 156.2 m (512.5 ft)

#### **Beam**

overall: 20.6 m (67.6 ft)

<b>Draught</b>	
hull:	6.8 m (22.3 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	20 kt (37.0 km/h) (23.0 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	308
<b>Cranes</b>	
number:	1
<b>Machinery:</b>	2 MAN K9Z60/105E diesels; 18,000 hp(m) (13.4 MW); 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> Eye Shield; E-band. <b>Navigation:</b> 2 Fin Curve; I-band.
<b>Helicopters:</b>	2 Z-8.

**Comment:** Designed to deploy Type 7103 submarine rescue submersibles, two of which may be carried on plinths forward of superstructure. Large crane installed forward to deploy submersibles. With introduction of Type 926 ASR with LR7 rescue submersible, these ships may have limited role in submarine rescue operations. Built with twin hangar, although rarely seen with helicopters embarked. They have been observed in Karachi, Kota Kinabalu, and Colombo, functioning as support ships for submarines operating out of area. Basing: 861 in the North Sea Fleet; 862 in the East Sea Fleet; 863 in the South Sea Fleet.



*CHONGMING DAO (Ships of the World)*

1406479



DAJIANG CLASS SILHOUETTE (Ian Sturton)

1164377

## Dalang I (Type 922II) class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIP) (WPSO)**

**IN SERVICE:** 1

**UPDATED**

### Fleetlist

ship names	No
Haijing 3411 (ex-Nan Ju 503 , ex-311)	
	<b>Dalang I</b>

### Dimensions and weights

#### Displacement

full load: 4267 tonnes (4199.6 (uk) t) (4703.6 t (short)) (4267000 kg)

#### Length

overall: 111.9 m (367.1 ft)

#### Beam

overall: 14.6 m (47.9 ft)

#### Draught

hull: 4.3 m (14.1 ft)

#### Performance

<b>Speed</b>	
top speed:	16 kt (29.6 km/h) (18.4 mph)
<b>Machinery:</b>	2 diesels; 4,000 hp (2.94 MW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	2-14.5 mm.
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Former naval submarine support ship built at Guangzhou and completed in 1975. Following transfer to the Fisheries agency in 2006, it was transferred to the Coast Guard in August 2013.

## Dalang II/III (Type 922III/IIIA) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(SUBMARINE SUPPORT SHIPS) (ASL)**

**IN SERVICE:** 4

***UPDATED***

### Fleetlist

No
Bei Ju 122
Bei Ju 138
Dong Ju 332
Nan Ju 510
<b>Dalang II, Dalang III</b>

<b>Dimensions and weights</b>	
<b>Displacement</b>	
standard:	3759 tonnes (3699.6 (uk) t) (4143.6 t (short)) (3759000 kg)

full load:	4267 tonnes (4199.6 (uk) t) (4703.6 t (short)) (4267000 kg)
<b>Length</b>	
overall:	111.9 m (367.1 ft)
<b>Beam</b>	
overall:	14.6 m (47.9 ft)
<b>Draught</b>	
hull:	4.3 m (14.1 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	16 kt (29.6 km/h) (18.4 mph)
<b>Range</b>	
standard:	8000 n miles (14816.0 km) (9206.2 miles) at 14 kt (25.9 km/h) (16.1 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	180
<b>Machinery:</b>	2 diesels; 4,000 hp(m) (2.94 MW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	4 Type 61/76 37 mm (2 twin) (122 [Dalang II]).
<b>Radars:</b>	<b>Navigation:</b> Fin Curve; I-band.

**Comment:** Construction of the first Type 922II class (305 (ex-*Nan Ju* 503) began at Guangzhou Shipyard in September 1971. It was commissioned in November 1975 and later transferred to the fisheries agency in 2006 and subsequently to the Coast Guard (Haijing 3411) in 2013. As a result of experience gained, development of an improved Type 922III (Dalang II) version began in 1978. Construction of the first of these ships (*Bei Ju* 122) began in December 1982 at Wuchang Shipyard, Wuhan, and the ship later commissioned in 1986. Subsequently, three further modified Type 922IIIA (Dalang III) were built: *Dong Ju* 332 (1989), *Bei Ju* 138 (1992) and *Nan Ju* 510 (1995). These modifications include changes to upper deck design and the possible incorporation of a decompression chamber. Basing: 122 and 138 in North Sea Fleet; 332 in East Sea Fleet and 510 in South Sea Fleet. 510 was responsible for taking an unmanned underwater vehicle from the sea in December 2016 when USNS *Bowditch* was attempting to recover it.



*DONG JU* 332 (*Ships of the World*)

1366773



*DALANG II SILHOUETTE* (*Ian Sturton*)

1164374

## Dalao (Type 926) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(SUBMARINE RESCUE SHIP) (ASRH)**

**IN SERVICE:** 3

**UPDATED**

**Fleetlist**

<b>ship names</b>	<b>No</b>	<b>Builders</b>	<b>Laid down</b>	<b>Launched</b>	<b>Commissioned</b>
Haiyang Dao	864	/ Guangzhou Shipyard International	2007	25 Nov 2008	2010
Liugong Dao	865	/ Guangzhou Shipyard International	2010	Oct 2011	2013
Chang Dao	867	/ Guangzhou Shipyard International	2010	9 Aug 2011	2013

### **Dalao**

#### **Dimensions and weights**

##### **Displacement**

full load: 9652 tonnes (9499.6 (uk) t) (10639.5 t (short)) (9652000 kg)

##### **Length**

overall: 136 m (446.2 ft)

##### **Beam**

overall: 18.5 m (60.7 ft)

**Machinery:** To be announced

##### **Firepower**

**Radars:** To be announced.

**Helicopters:** Flight deck only.

**Comment:** A new class of purpose-built submarine rescue ships to carry and deploy the new LR 7 rescue submersible. The first ship was commissioned in 2010 and two further ships were commissioned in 2013. One ship is likely to be allocated to each fleet. *Chang Dao* 867 deployed to Hawaii with LR 7 embarked to participate in RIMPAC 2016 and also to Vladivostok for the Joint Sea-2017 exercise, during which the LR 7 submersible mated underwater with a Russian Kilo-class submarine.



*HAIYANG DAO (Ships of the World)*

1366438

## Danlin class

**Date Posted:** 10-Jul-2015

**Publication:** Jane's Fighting Ships

**(SUPPLY SHIPS) (AK/AOT)**

**IN SERVICE: 9**

***ARCHIVED***

### Fleetlist

No
531
591
592
594
794
827
834
835
975
<b>Danlin</b>

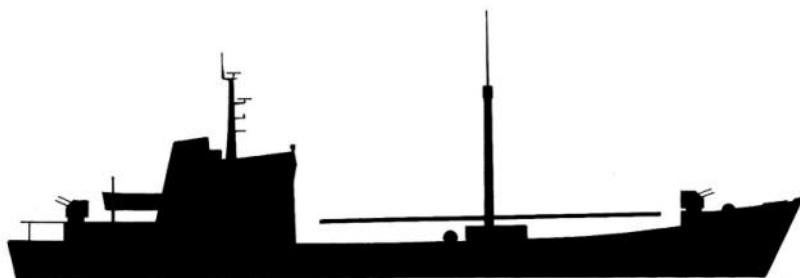
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	1311 tonnes (1290.3 (uk) t) (1445.1 t (short)) (1311000 kg)
<b>Length</b>	
overall:	60.5 m (198.5 ft)
<b>Beam</b>	
overall:	9 m (29.5 ft)
<b>Draught</b>	
hull:	4 m (13.1 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	15 kt (27.8 km/h) (17.3 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	35
<b>Cargo capacity:</b>	750-800 tons
<b>Machinery:</b>	1 USSR/PRC Type 6DRN 30/50 diesel; 750 hp(m) (551 kW); 1 shaft
<b>Firepower</b>	
<b>Guns:</b>	4-25 mm/80 (2 twin). 4-14.5 mm (2 twin).
<b>Radars:</b>	<b>Navigation:</b> Fin Curve or Skin Head; I-band.

**Comment:** Built in China in early 1960-62. The AKs have refrigerated stores capability and serve in the South Sea Fleet. The AOTs are split between the Fleets. Not all are armed.



*DANLIN 794 (Henry Dodds)*

0056790



*DANLIN CLASS SILHOUETTE (Ian Sturton)*

1164370

## Danyao (Type 904A/904B) class

**Date Posted:** 10-Sep-2019

**Publication:** Jane's Fighting Ships

**(SUPPORT SHIP) (AFH)**

**IN SERVICE:** 3

**UPDATED**

### Fleetlist

ship names	No	Builders	Laid down	Launched	Commissioned
Fuxian Hu	888	/ Guangzhou Shipyard International , Shanghai	2005	28 Dec 2006	23 Aug 2007
Junshan Hu	961	/ Guangzhou Shipyard International	2013	30 Jan 2015	10 Jul 2015

Lugu Hu	962	/ Guangzhou Shipyard International	2013	25 Mar 2015	26 Dec 2015
<b>Danyao</b>					
<b>Dimensions and weights</b>					
<b>Displacement</b>					
full load: 15241 tonnes (15000.3 (uk) t) (16800.3 t (short)) (15241000 kg)					
<b>Length</b>					
overall: 159.5 m (523.3 ft)					
<b>Beam</b>					
overall: 19.1 m (62.7 ft)					
<b>Draught</b>					
hull: 9.0 m (29.5 ft)					
<b>Machinery:</b> 2 Shaanxi SEMT-Pielstick 16PC2.6V-400 diesels; 24,000 hp (17.9 MW); 2 shafts					
<b>Firepower</b>					
<b>Guns:</b> Type 904A: 4 H/PJ-76F 37 mm (2 twin) 400 rds/min to 9.4 km (5.1 n miles); weight of shell 0.73 kg. 4 Type 61 25 mm/60 (2 twin). Type 904B: 2 H/PJ-17 30 mm; 350 rds/min to 3 km (1.6 n miles) .					
<b>Helicopters:</b> Type 904A: Platform for one medium. Type 904B: Z-8 or Ka-28.					

**Comment:** Logistics support ships for island garrison resupply, likely to operate primarily in South China Sea. Type 904A entered service in 2007. Larger than Dayun class (Type 904) and equipped with two prominent pairs of large davits midships, to deploy boats/landing craft to ferry stores and personnel ashore. Design includes a flight deck. In 2009 the ship transferred to the Fishery Law Enforcement Command (FLEC) and changed its pennant number to 88 before returning to naval service in the South Sea Fleet. Two further ships (961, 962) entered service in 2015 to a modified design (Type 904B). Most significant change is provision of a hangar to enable a helicopter to be embarked. Distinguishable from Type 904A by twin funnels, connected by lattice structure to support aft mast.



JUNSHAN HU (*Ships of the World*)

1632221

## Daozha class

**Date Posted:** 13-Jul-2015

**Publication:** Jane's Fighting Ships

(ATF)

**IN SERVICE:** 1

*ARCHIVED*

### Fleetlist

This information is unavailable.

Daozha	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	4064 tonnes (3999.8 (uk) t) (4479.8 t (short)) (4064000 kg)
<b>Length</b>	
overall:	84 m (275.6 ft)
<b>Beam</b>	
overall:	12.6 m (41.3 ft)
<b>Draught</b>	
hull:	5.4 m (17.7 ft)

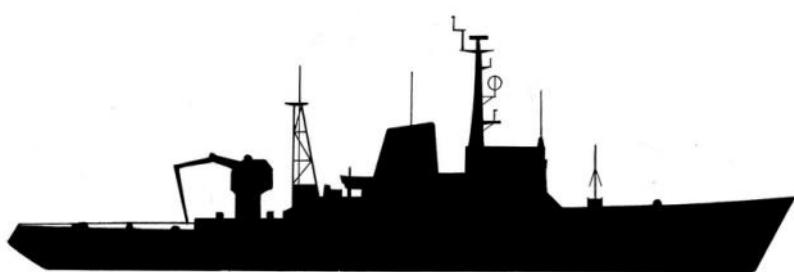
<b>Performance</b>	
<b>Speed</b>	
top speed:	18 kt (33.3 km/h) (20.7 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	125
<b>Machinery:</b>	2 diesels; 8,600 hp(m) (6.32 MW); 2 shafts

**Comment:** Built in 1993-94 probably as a follow-on to the Tuzhong class. Based in South Sea Fleet.



*DAOZHA (Hachiro Nakai)*

0506142



*DAOZHA CLASS SILHOUETTE (Ian Sturton)*

1164360

# **Dasan (Type 917) class**

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(RESCUE AND SALVAGE SHIPS) (ARS)**

**IN SERVICE:** 3

**UPDATED**

## **Fleetlist**

No
Bei Jiu 143
Dong Jiu 335
Nan Jiu 511

## **Dasan**

### **Dimensions and weights**

#### **Displacement**

full load: 550 tonnes (541.3 (uk) t) (606.3 t (short)) (550000 kg)

#### **Length**

overall: 75 m (246.1 ft)

#### **Beam**

overall: 14.8 m (48.6 ft)

#### **Draught**

hull: 3.0 m (9.8 ft)

#### **Performance**

#### **Speed**

top speed: 30 kt (55.6 km/h) (34.5 mph)

**Machinery:** 2 diesels; 2 waterjets

#### **Firepower**

<b>Guns:</b>	1 H/PJ-14 30 mm; 350 rds/min to 3 km (1.6 n miles).
<b>Radars:</b>	To be announced.
<b>Helicopters:</b>	Flight deck only.

**Comment:** Trimaran-hulled ships, built at Guijiang Shipyard, Wuzhou, first of which entered service in 2012. Described as fast rescue craft. 143 based in the North Sea Fleet, 335 in the East Sea Fleet, and 511 in the South Sea Fleet.

## Daxin (Type 679)

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

(AXH)

**IN SERVICE:** 1

***UPDATED***

### Fleetlist

ship names	No	Builders	Launched	Commissioned
Zheng He	81	/ Qiuxin , Shanghai	12 Jul 1986	27 Apr 1987
<b>Daxin</b>				
<b>Dimensions and weights</b>				
<b>Displacement</b>				
full load:	6000 tonnes (5905.2 (uk) t) (6613.9 t (short)) (6000000 kg)			
<b>Length</b>				
overall:	132 m (433.1 ft)			
<b>Beam</b>				
overall:	15.8 m (51.8 ft)			
<b>Draught</b>				
hull:	4.8 m (15.7 ft)			

<b>Performance</b>	
<b>Speed</b>	
top speed:	15 kt (27.8 km/h) (17.3 mph)
<b>Range</b>	
standard:	5000 n miles (9260.0 km) (5753.9 miles) at 15 kt (27.8 km/h) (17.3 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	400
instructors:	30
midshipmen:	200
<b>Machinery:</b>	2 SEMT Pielstick 6PC2.5L diesels; 7,800 hp(m) (5.73 MW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	2-57 mm/70 (twin). 4 AK-230 30 mm/64 (2 twin). 4-12.7 mm MGs.
<b>A/S Mortars:</b>	2 FQF 2500 fixed 12-tubed launchers; range 1,200 m; warhead 34 kg.
<b>Radars:</b>	<p><b>Air/surface search:</b> Eye Shield; E-band.</p> <p><b>Surface search:</b> Type 756; I-band.</p> <p><b>Navigation:</b> Racal Decca 1290; I-band.</p> <p><b>Fire control:</b> Round Ball; I-band.</p>
<b>Sonars:</b>	Echo Type 5; hull-mounted; active; high frequency.
<b>Helicopters:</b>	Platform only.

**Comment:** Subordinate to the Naval Academy and replaced *Huian*. Based in the North Sea Fleet. A similar ship sold to Algeria in 2006. Previously classified as Type 795.



ZHENG HE (*John Mortimer*)

1366771



ZHENG HE SILHOUETTE (*Ian Sturton*)

1164382

## Dayun (Type 904) class

Date Posted: 10-Sep-2019

Publication: Jane's Fighting Ships

(AKH)

IN SERVICE: 1

*UPDATED*

### Fleetlist

ship names	No	Builders	Commissioned
Dongting Hu	883 (ex-951)	/ Qiuxin Shipyard , Shanghai	Mar 1992
<b>Dayun</b>			
<b>Dimensions and weights</b>			
<b>Displacement</b>		standard: 8636 tonnes (8499.6 (uk) t) (9519.6 t (short)) (8636000 kg)	

full load:	11151 tonnes (10974.9 (uk) t) (12291.9 t (short)) (11151000 kg)
<b>Length</b>	
overall:	124.2 m (407.5 ft)
<b>Beam</b>	
overall:	12.8 m (42.0 ft)
<b>Draught</b>	
hull:	3.8 m (12.5 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	22 kt (40.7 km/h) (25.3 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	240
<b>Cranes</b>	
number:	2
<b>Machinery:</b>	2 diesels; 18,000 hp (13.2 MW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	4-37 mm/63 (2 twin). 4-25 mm/80 (2 twin).
<b>Radars:</b>	<b>Navigation:</b> 2 Type 756; I-band.
<b>Helicopters:</b>	Flight deck only.

**Comment:** Logistics ships designed for supplying island garrisons and other facilities. Equipped with two large deck cranes. Four landing craft are embarked. Based in South Sea Fleet. Dayun 883 has also served as Yuzheng 21 (fishery protection). A second ship, 884, was decommissioned in July 2019.



DAYUN CLASS (A Sheldon-Duplaix)

1153100



DAYUN CLASS SILHOUETTE (Ian Sturton)

1164371

## Dazar (Type 911) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(DEGAUSSING SHIP) (ADG)**

**IN SERVICE:** 2

**VERIFIED**

### Fleetlist

No	Builders	Launched	Commissioned
Dong Qin 870	/ Liaonan Shipyard , Lushun		2009
Nan Qin 207	/ Liaonan Shipyard , Lushun	2015	2016
<b>Dazar</b>			

### Dimensions and weights

#### Length

overall: 94 m (308.4 ft)

#### Performance

<b>Speed</b>	
top speed:	16 kt (29.6 km/h) (18.4 mph)
<b>Machinery:</b>	To be announced.
<b>Firepower</b>	
<b>Radar:</b>	To be announced.

**Comment:** Modern, mobile degaussing capability to supplement fixed degaussing installations at some operating bases. Capable of deperming ships up to 7,000 tonnes. 870 allocated to East Sea Fleet, 207 to South Sea Fleet.

## Dazhi class

**Date Posted:** 12-Jan-2009

**Publication:** Jane's Fighting Ships

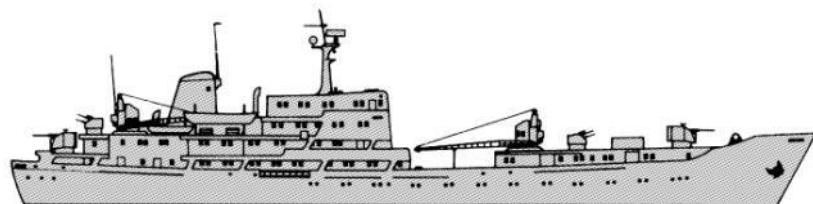
**(SUBMARINE SUPPORT SHIP) (AS)**

**IN SERVICE:** 1

**ARCHIVED**

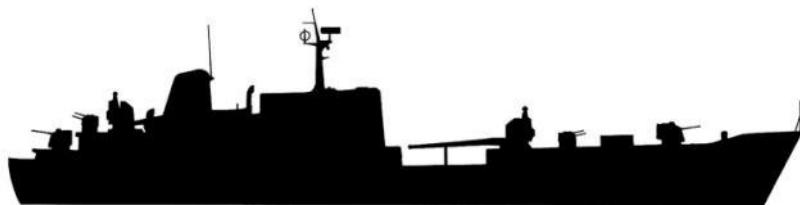
Name	No
DAZHI	920
<b>Displacement, tons:</b>	5,600 full load
<b>Dimensions, feet (metres):</b>	$350 \times 50 \times 20$ ( $106.7 \times 15.3 \times 6.1$ )
<b>Main machinery:</b>	Diesel-electric; 2 diesel generators; 3,500 hp(m) (2.57 MW); 2 shafts
<b>Speed, knots:</b>	14
<b>Range, n miles:</b>	6,000 at 14 kt
<b>Complement:</b>	290
<b>Cargo capacity:</b>	500 tons dieso
<b>Guns:</b>	4 China 37 mm/63 (2 twin). 4-25 mm/60 (2 twin).
<b>Radar:</b> Navigation:	Fin Curve; I-band.

**Comment:** Built at Hudong, Shanghai 1963-65. Has four electrohydraulic cranes. Carries large stock of torpedoes and stores. Based in East Sea Fleet but ship has not been seen at sea in recent years and may have been withdrawn from service.



*DAZHI (not to scale)*

0505972



*DAZHI CLASS SILHOUETTE (Ian Sturton)*

1164376

## Dazhou (Type 946) class

**Date Posted:** 10-Jul-2015

**Publication:** Jane's Fighting Ships

**(SUBMARINE TENDERS) (ASL)**

**IN SERVICE:** 2

**ARCHIVED**

### Fleetlist

No
502
137 (ex-504)

### **Dazhou**

#### **Dimensions and weights**

#### **Displacement**

full load: 1118 tonnes (1100.3 (uk) t) (1232.4 t (short)) (1118000 kg)

<b>Length</b>	
overall:	79 m (259.2 ft)
<b>Beam</b>	
overall:	9.5 m (31.2 ft)
<b>Draught</b>	
hull:	2.6 m (8.5 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	18 kt (33.3 km/h) (20.7 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	130
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	2 China 37 mm/63 (twin). 4-14.5 mm/93 (2 twin).
<b>Radars:</b>	<b>Navigation:</b> Fin Curve; I-band.

**Comment:** The first, 502, commissioned in 1977; the second in 1978. Both built at Guangzhou Shipyard. 502 based in the South Sea Fleet and 137 in the North Sea Fleet. Both have been used as AGIs.



## Deletions

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

***UPDATED***

Frigates

2018	<i>Jiaxing</i>
2019	<i>Dalian, Kaifeng, Gulin, Zunyi, Lianyungang</i>

Auxiliaries

2018	<i>Hongze Hu</i>
2019	<i>Dongting Hu, Jingbo Hu</i>

## Dongdiao (Type 815/815A/815B) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

(AGM/AGI)

**IN SERVICE:** 9

***UPDATED***

### Fleetlist

ship names	No	Builders	Launched	Commissioned
Beijingxing	851 (ex-232)	/ Hudong-Zhonghua Shipyard, Shanghai		1999
Tianwangxing	853	/ Hudong-Zhonghua Shipyard, Shanghai	1 Dec 2009	1 Dec 2010
Haiwangxing	852	/ Hudong-Zhonghua Shipyard, Shanghai	29 Mar 2014	15 Feb 2015

Tianlangxing	854	/ Hudong-Zhonghua Shipyard , Shanghai	29 Jul 2014	1 Aug 2015
Tianshuxing	855	/ Hudong-Zhonghua Shipyard , Shanghai	22 Jan 2015	26 Dec 2015
Kaiyangxing	856	/ Hudong-Zhonghua Shipyard , Shanghai	May 2016	10 Jan 2017
Tianquanxing	857	/ Hudong-Zhonghua Shipyard , Shanghai	14 Feb 2017	2017
Yuhengxing	858	/ Hudong-Zhonghua Shipyard , Shanghai	8 Sep 2017	2018
Jinxing	859	/ Hudong-Zhonghua Shipyard , Shanghai	3 Feb 2018	2018

### **Dongdiao**

#### **Dimensions and weights**

##### **Displacement**

full load: 6096 tonnes (5999.7 (uk) t) (6719.7 t (short)) (6096000 kg)

##### **Length**

overall: 130 m (426.5 ft)

##### **Beam**

overall: 16.4 m (53.8 ft)

##### **Draught**

hull: 6.5 m (21.3 ft)

##### **Performance**

##### **Speed**

top speed: 20 kt (37.0 km/h) (23.0 mph)

##### **Capacity**

##### **Complement**

military

crew:	250
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	Type 815: 1-37 mm. 2-14.5 mm. Type 815A and B: 2 H/PJ-14 30 mm (fwd). 2-14.5 mm (aft) (852-859).
<b>Helicopters:</b>	1 Z-9 (can be embarked).

**Comment:** Ten-year gap between appearance of Type 815 (851) and subsequent Type 815A (852-855). The single Type 815 underwent significant upgrade about 2007 and emerged with three large spherical radomes covering previously exposed collection dishes. Retains lattice mast. Type 815A have either two or three spherical radomes and other variations in antennas. Domed radome on bridge roof replaced with large cylindrical radome on Type 815B ships (856 and following). Increasingly widely deployed. 853 monitored RIMPAC exercise in 2014. Observed off Boso peninsula, Japan, in 2015; monitored joint Australia-US Exercise Talisman Sword in July 2017; another reported to have monitored THAAD missile tests off Alaska same month.



*DONGDIAO CLASS (Kürsener Collection)*

1724342



# Donghai Dao class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(AK)**

**IN SERVICE:** 1

**UPDATED**

## Fleetlist

ship names	No	Builders	Commissioned
Donghai Dao	868	/ Wenchong Shipyard , Guangzhou	10 Jul 2015
<b>Donghai Dao</b>			

## Dimensions and weights

### Displacement

full load: 20000 tonnes (19684.1 (uk) t) (22046.2 t (short)) (20000000 kg)

### Length

overall: 175.5 m (575.8 ft)

### Beam

overall: 32.4 m (106.3 ft)

### Performance

### Speed

top speed: 14 kt (25.9 km/h) (16.1 mph)

**Machinery:** To be announced.

### Firepower

**Radar:** To be announced.

**Comment:** A semi-submersible transport ship was commissioned into the South Sea Fleet in July 2015. The ship is superficially similar to but smaller than the US Navy's 240 m Expeditionary Transport Dock ships. The principal design feature is a cut-down submersible hull section with a crane at each end. The principal roles of the ship include transport of heavy equipment and small craft; it has been observed carrying a Zubr-class air-cushioned vehicle. It was also used to transport equipment required to set up the PLA Navy's first overseas logistics facility in Djibouti in August 2017. The ship could also be used as a forward operating base and/or repair centre.



*DONGHAI DAO (PLAN)*

1707331

## Fisheries Law Enforcement Command

**Date Posted:** 16-Sep-2013

**Publication:** Jane's Fighting Ships

**IN SERVICE: 12**

**ARCHIVED**

ship names	No
Yuzheng 88	(ex-888)
Yuzheng 310	
Yuzheng 31	
Yuzheng 33	
Yuzheng 117	
Yuzheng 118	

Yuzheng 200
Yuzheng 201
Yuzheng 202
Yuzheng 203
Yuzheng 204
Yuzheng 205

**Notes:** The Fisheries Law Enforcement Command (FLEC) belongs to the State Oceanic Administration having transferred in 2013 from the Fisheries Bureau which is part of the Ministry of Agriculture. FLEC is responsible for the prevention of illegal fishing activities in China's coastal fisheries. The ships' numbers are prefixed by 'Yuzheng' and larger units include: Yuzheng 88 (ex-PLAN support ship 888) (152 m, 15,000 tons), Yuzheng 310 (ex-PLAN Type 922 Dalang-class submarine salvage and rescue ship) (113 m, 4,450 tons), Yuzheng 31, Yuzheng 33, Yuzheng 117-118, Yuzheng 200-205.

## Fleet rescue tugs

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(ATA/ATRH)**

**IN SERVICE: 6**

**UPDATED**

### Fleetlist

No	Builders	Launched	Commissioned
Bei Tuo 739	/ Huangpu Shipyard	16 Jul 2016	20 Jul 2017
Nan Tou 195	/ Huangpu Shipyard	29 Nov 2016	2018
Nan Tou 198	/ Huangpu Shipyard	Sep 2017	2018
Bei Tuo 743	/ Huangpu Shipyard	Feb 2018	2018
Dong Tuo 863	/ Huangpu Shipyard	Aug 2018	2019
Nan Tou 171	/ Huangpu Shipyard	Sep 2019	2019
<b>Unknown1</b>			

<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	7000 tonnes (6889.4 (uk) t) (7716.2 t (short)) (7000000 kg)
<b>Length</b>	
overall:	119 m (390.4 ft)
<b>Beam</b>	
overall:	16.2 m (53.1 ft)
<b>Draught</b>	
hull:	6 m (19.7 ft)
<b>Machinery:</b>	2 diesels; 18,774 hp (14 MW); 2 shafts; 2 bow thrusters; 1 stern thruster
<b>Firepower</b>	
<b>Helicopters:</b>	Platform only for 1 medium.

**Comment:** Large ocean-going tug similar to civilian Sea Rescue 101 class built 2007-13 with helicopter deck forward for towing, rescue and salvage missions, and submarine rescue. Can accommodate mission modules. Two ships assigned to each fleet. Basing: Bei Tuo 739 and 743 in the North Sea Fleet; Nan Tuo 195, 198 and 171 in the South Sea Fleet; Dong Tuo 863 in the East Sea Fleet. Additional ships may follow.

## Fuchang class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(AOL)**

**IN SERVICE: 6**

***UPDATED***

### Fleetlist

No

Bei You 565	
Dong You 631	
Dong You 641	
Nan You 957	
Nan You 959	
Nan You 973	
<b>Fuchang</b>	
<b>Dimensions and weights</b>	
<b>Length</b>	
overall:	57 m (187.0 ft)
<b>Machinery:</b>	To be announced
<b>Firepower</b>	
<b>Radar:</b>	To be announced.

**Comment:** Supply tankers. Basing: 565 in the North Sea Fleet; 631 and 641 in the East Sea Fleet; 957, 959 and 973 in the South Sea Fleet.

## Fuchi (Type 903/903A) class

**Date Posted:** 10-Sep-2019

**Publication:** Jane's Fighting Ships

**(AORH)**

**IN SERVICE: 9**

**UPDATED**

### Fleetlist

ship names	No	Builders	Laid down	Launched	Commissioned
Qiandao Hu (ex-Fuchi)	886	/ Guangzhou Shipyard International	2002	29 Mar 2003	30 Apr 2004

Weishan Hu	887	/ Hudong-Zhonghua Shipyard , Shanghai	2002	1 Jul 2003	18 Apr 2004
Tai Hu	889	/ Guangzhou Shipyard International	2010	22 Mar 2012	18 Jun 2013
Chao Hu	890	/ Hudong-Zhonghua Shipyard , Shanghai	2010	7 May 2012	12 Sep 2013
Dongping Hu	960	/ Guangzhou Shipyard International	2012	30 May 2014	28 Dec 2015
Gaoyou Hu	966	/ Guangzhou Shipyard International	2013	20 Dec 2014	29 Jan 2016
Luoma Hu	964	/ Hudong-Zhonghua Shipyard , Shanghai	2014	5 Jun 2015	15 Jul 2016
Hong Hu	963	/ Guangzhou Shipyard International	2014	28 Jun 2015	15 Jul 2016
Hoh Xil Hu	968	/ Guangzhou Shipyard International		May 2018	Mar 2019

### Fuchi

#### Dimensions and weights

#### Displacement

full load: 23369 tonnes (22999.9 (uk) t) (25759.9 t (short)) (23369000 kg)

#### Length

overall: 178.5 m (585.6 ft)

#### Beam

overall: 24.8 m (81.4 ft)

#### Draught

hull: 8.7 m (28.5 ft)

#### Performance

#### Speed

top speed: 19 kt (35.2 km/h) (21.9 mph)

<b>Range</b>	
standard:	10000 n miles (18520.0 km) (11507.8 miles) at 14 kt (25.9 km/h) (16.1 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	130
<b>Cargo capacity:</b>	10,500 tonnes fuel, 250 tonnes of water, 680 tonnes of ammunition and stores
<b>Machinery:</b>	2 Shaanxi SEMT-Pielstick diesels; 24,000 hp (17.9 MW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	Type 903: 8 H/PJ-76F 37 mm/63 (4 twin); 400 rds/min to 9.4 km (5.1 n miles); weight of shell 0.73 kg. Type 903A: 4 H/PJ-14 30 mm; 350 rds/min to 3 km (1.6 n miles) .
<b>Radars:</b>	To be announced.
<b>Helicopters:</b>	1 Z-8/Z-18.

**Programmes:** First two ships (Type 903) entered service in 2004/5 and bear a marked resemblance to Type R22T Similan-class tanker built for Thailand in 1996. After a gap of nearly 10 years the first Type 903A (*Tai Hu*) entered service in 2013 and subsequent ships built at fairly rapid pace. Further ships may be constructed.

**Structure:** Fitted with two RAS stations (one liquids, one solids) on each side. Type 903A may have improved aviation support facilities and increased cargo capacity.

**Operational:** Used extensively to support out of area deployments such as counter-piracy operations. Until numbers increased, some ships tasked with supporting consecutive escort task groups back-to back. Basing: 889, 960, and 968 in the North Sea Fleet, 886, 890, and 966 in the East Sea Fleet, 887, 963, and 964 in the South Sea Fleet.



*CHAO HU (Michael Nitz)*

*1693566*



*HONG HU (Chris Sattler)*

*1700164*



*LUOMA HU (Chris Sattler)*

*1748572*



*GAOYAO HU (G Gyssels)*

*1292181*



*FUCHI CLASS SILHOUETTE (Ian Sturton)*

1164379

## Fujian class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(REPLENISHMENT SHIPS) (AOT/AWT)**

**IN SERVICE: 20**

**UPDATED**

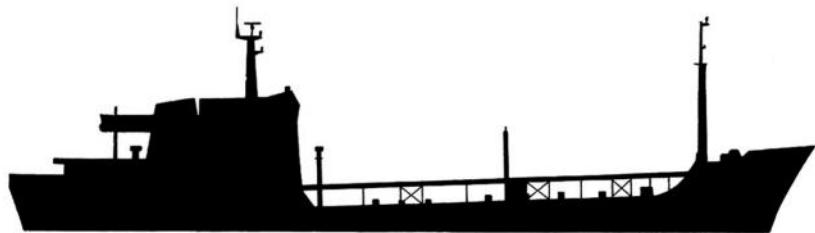
### Fleetlist

No
Bei You 400
Bei You 561
Bei You 562
Bei You 573
Dong You 630
Dong You 632
Dong You 634
Dong You 635
Dong You 638
Dong You 639
Dong You 650
Nan You 954
Nan You 965

Nan You 962	
Nan You 969	
Nan You 970	
Bei Shui 566	
Bei Shui 581	
Dong Shui 650	
Nan Shui 970	
<b>Fujian</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
standard:	2337 tonnes (2300.1 (uk) t) (2576.1 t (short)) (2337000 kg)
<b>Length</b>	
overall:	72 m (236.2 ft)
<b>Beam</b>	
overall:	13 m (42.7 ft)
<b>Draught</b>	
hull:	4 m (13.1 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	10 kt (18.5 km/h) (11.5 mph)
<b>Range</b>	
standard:	1500 n miles (2778.0 km) (1726.2 miles) at 8 kt (14.8 km/h) (9.2 mph)
<b>Capacity</b>	
<b>Complement</b>	

military	
crew:	30
<b>Machinery:</b>	1 diesel; 600 hp(m) (441 kW); 1 shaft
<b>Firepower</b>	
<b>Guns:</b>	4-14.5 mm/93 (2 twin).
<b>Radars:</b>	<b>Navigation:</b> Fin Curve; I-band.

**Comment:** There are 16 oil tankers and four water tankers. Basing: 400, 561, 562, and 573 in the North Sea Fleet; 630, 632, 634, 635, 638, 639, and 650 in the East Sea Fleet; 954, 962, 965, 969, and 970 in the South Sea Fleet.



*FUJIAN CLASS SILHOUETTE (Ian Sturton)*

1164367

## Fulin class

**Date Posted:** 20-Nov-2018

**Publication:** Jane's Fighting Ships

**(AOT/AWT)**

**IN SERVICE: 12**

***ARCHIVED***

### Fleetlist

No
555
560
563
570

573

589

626

628

629

643

644

938

## Fulin

### Dimensions and weights

#### Displacement

full load: 2134 tonnes (2100.3 (uk) t) (2352.3 t (short)) (2134000 kg)

#### Length

overall: 63.5 m (208.3 ft)

#### Beam

overall: 12.6 m (41.3 ft)

#### Draught

hull: 3.8 m (12.5 ft)

### Performance

#### Speed

top speed: 11 kt (20.4 km/h) (12.7 mph)

#### Capacity

#### Complement

military

crew: 35

<b>Cargo capacity:</b>	600 tons
<b>Machinery:</b>	1 diesel; 600 hp(m) (441 kW); 1 shaft
<b>Firepower</b>	
<b>Guns:</b>	4-25 mm/80 (2 twin). 4-14.5 mm/93 (2 twin).
<b>Radar:</b>	<b>Navigation:</b> Fin Curve; I-band.

**Comment:** Built 1964-70. Transport ships for liquids, eight for oil and four for water. Basing: 555, 560, 563, 570, 573, and 589 in the North Sea Fleet; 626, 628, 629, 643, and 644 in the East Sea Fleet; 938 in the South Sea Fleet. All reported to be decommissioned as of 2018.



*FULIN 629*

1166852



*FULIN CLASS SILHOUETTE (Ian Sturton)*

1164365

## Fuqing (Type 905) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(REPLENISHMENT SHIP) (AORH)**

**IN SERVICE:** 1

**UPDATED**

## Fleetlist

ship names	No	Builders	Commissioned			
Poyang Hu (ex-Fencang)	882 (ex-615 , ex-X 615)	/ Dalian Shipbuilding Industry Company	1979			
<b>Fuqing</b>						
<b>Dimensions and weights</b>						
<b>Displacement</b>						
full load:	22099 tonnes (21750.0 (uk) t) (24360.0 t (short)) (22099000 kg)					
<b>Length</b>						
overall:	168.2 m (551.8 ft)					
<b>Beam</b>						
overall:	21.8 m (71.5 ft)					
<b>Draught</b>						
hull:	9.4 m (30.8 ft)					
<b>Performance</b>						
<b>Speed</b>						
top speed:	18 kt (33.3 km/h) (20.7 mph)					
<b>Range</b>						
standard:	18000 n miles (33336.0 km) (20714.0 miles) at 14 kt (25.9 km/h) (16.1 mph)					
<b>Capacity</b>						
<b>Complement</b>						
military						
crew:	130					
officers:	24					
<b>Cranes</b>						

<b>number:</b>	4
<b>Cargo capacity:</b>	10,550 tonnes fuel; 1,000 tonnes dieso; 200 tonnes feed water; 200 tonnes drinking water; 4 small cranes
<b>Machinery:</b>	1 Sulzer 8RL B66 diesel; 15,000 hp(m) (11 MW) sustained; 1 shaft
<b>Firepower</b>	
<b>Guns:</b>	8-37 mm (4 twin) (may be fitted).
<b>Radars:</b>	<b>Navigation:</b> Fin Curve or Racal Decca 1290; I-band.
<b>Helicopters:</b>	Platform for 1 medium.

**Programmes:** First became operational in late 1970 and was the first class of ships built for under way replenishment in the Chinese Navy. A third of the class *Hongcang* (X 950) was converted to merchant use in 1989 and renamed *Hai Lang*. A fourth (X 350) was sold to Pakistan in 1987 and renamed *Nasr*. First-of-class *Hongze Hu* was decommissioned in September 2018.

**Structure:** Helicopter platform but no hangar. Two liquid replenishment positions each side with one solid replenishment position each side by the funnel.

**Operational:** 882 based in the North. With increasing number of Type 903/903A in commission, has operated closer to home rather than supporting out of area operations.



*FUQING CLASS (Ships of the World)*

1483599



*POYANG HU (Ships of the World)*

1406478



## Fushi class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships  
**(AOT/AWT)**

**IN SERVICE:** 8

**VERIFIED**

### Fleetlist

No
Bei You 576
Dong You 633
Dong Shui 649
Nan You 958
Nan You 963
Nan Shui 964
Nan Shui 965
Nan You 976

**Fushi**

### **Dimensions and weights**

#### **Length**

overall: 54 m (177.2 ft)

**Machinery:** To be announced

#### **Firepower**

**Radars:** To be announced.

**Comment:** Supply tankers. Basing: 576 in the North Sea Fleet; 633 and 649 in the East Sea Fleet; 958, 963-965, and 976 in the South Sea Fleet.

## Fusu (Type 908) class

**Date Posted:** 10-Sep-2019

**Publication:** Jane's Fighting Ships

**(REPLENISHMENT SHIP) (AORH)**

**IN SERVICE:** 1

**UPDATED**

### Fleetlist

ship names	No	Builders	Launched	Commissioned
Qinghai Hu (ex-Nancang , ex-Vladimir Peregudov)	885 (ex-953)	/ Kherson Shipyard	Apr 1992	2 Jun 1996

**Fusu**

### Dimensions and weights

#### Displacement

full load: 37594 tonnes (37000.3 (uk) t) (41440.3 t (short)) (37594000 kg)

#### Measurement

deadweight tonnage: 29211 tonnes (28749.7 (uk) t) (32199.6 t (short)) (29211000 kg)

#### Length

overall: 188.9 m (619.8 ft)

#### Beam

overall: 25.3 m (83.0 ft)

#### Draught

hull: 11 m (36.1 ft)

#### Performance

#### Speed

top speed:	16 kt (29.6 km/h) (18.4 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	125
<b>Cargo capacity:</b>	9,630 tons fuel
<b>Machinery:</b>	1 B&W diesel; 11,600 hp(m) (8.53 MW); 1 shaft
<b>Firepower</b>	
<b>Helicopters:</b>	1 Z-8 Super Frelon.

**Programmes:** One of a class of 11 built at Kherson Shipyard, Crimea. Laid down in January 1989. Towed from Ukraine to Dalian Shipyard in 1993 to complete fitting out in China. Similar to Indian *Jyoti* but with better helicopter facilities.

**Structure:** The largest replenishment ship in the PLA Navy until the Type 901 commissioned in 2017. RAS point for dry stores forward of two liquid replenishment rigs either side. Also equipped for astern refuelling. Hangar retracts for flying operations. Flight deck overhangs stern quite considerably.

**Operational:** Deployed to support counter-piracy escort task groups in 2011, 2012, 2015, and 2017. Allocated to the South Sea Fleet.



*QINGHAI HU (A Sheldon-Duplaix)*

1153101



*FUSU CLASS SILHOUETTE (Ian Sturton)*

1164380

# Futi class (Type 312)

**Date Posted:** 13-Feb-2013

**Publication:** Jane's Fighting Ships

**(DRONE MINESWEEPERS) (MSD)**

**IN  
RESERVE:** 42

**SERVICE:**

4

**ARCHIVED**

## Fleetlist

This information is unavailable.

Futi	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
standard:	48 tonnes (47.2 (uk) t) (52.9 t (short)) (48000 kg)
<b>Length</b>	
overall:	20.9 m (68.6 ft)
<b>Beam</b>	
overall:	3.9 m (12.8 ft)
<b>Draught</b>	
hull:	2.1 m (6.9 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	12 kt (22.2 km/h) (13.8 mph)
<b>Range</b>	
standard:	144 n miles (266.7 km) (165.7 miles) at 12 kt (22.2 km/h) (13.8 mph)
<b>Capacity</b>	
<b>Complement</b>	

military	
crew:	3
<b>Machinery:</b>	Diesel-electric; 1 Type 12V 150C diesel generator; 300 hp(m) (220 kW); 1 motor; cp prop

**Comment:** A large number of these craft, similar to the German Troikas, has been built since the early 1970s. Fitted to carry out magnetic and acoustic sweeping under remote control up to 5 km (2.7 n miles) from shore control station. Most are kept in reserve.



*DRONE Type 312 (CSSC)*

0056775

## Ganzhu class

**Date Posted:** 10-Jul-2015

**Publication:** Jane's Fighting Ships

(AGS)

**IN SERVICE:** 1

**ARCHIVED**

### Fleetlist

No
420
<b>Ganzhu</b>
<b>Dimensions and weights</b>
<b>Displacement</b>
full load: 1016 tonnes (1000.0 (uk) t) (1119.9 t (short)) (1016000 kg)
<b>Length</b>

overall:	65 m (213.3 ft)
<b>Beam</b>	
overall:	9 m (29.5 ft)
<b>Draught</b>	
hull:	3 m (9.8 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	20 kt (37.0 km/h) (23.0 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	125
<b>Machinery:</b>	4 diesels; 4,400 hp(m) (3.23 MW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	4-37 mm/63 (2 twin); 8-14.5 mm (4 twin).

**Comment:** Built at Zhujiang in 1973-75. Long refit in 1996 for up to two years.



*GANZHU 420*

0056802



*GANZHU CLASS SILHOUETTE (Ian Sturton)*

1164385

## Golf class (Type 031)

**Date Posted:** 08-Sep-2014

**Publication:** Jane's Fighting Ships  
(SSB)

**IN SERVICE:** 1

**ARCHIVED**

### Fleetlist

No
200
Golf
<b>Dimensions and weights</b>
<b>Displacement</b>
surfaced: 2388 tonnes (2350.3 (uk) t) (2632.3 t (short)) (2388000 kg)
dived: 2997 tonnes (2949.7 (uk) t) (3303.6 t (short)) (2997000 kg)
<b>Length</b>
overall: 97.5 m (319.9 ft)
<b>Beam</b>
overall: 8.6 m (28.2 ft)
<b>Draught</b>

hull:	6.6 m (21.7 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	17 kt (31.5 km/h) (19.6 mph)
dived:	13 kt (24.1 km/h) (15.0 mph)
surfaced:	17 kt (31.5 km/h) (19.6 mph)
<b>Range</b>	
surfaced:	6000 n miles (11112.0 km) (6904.7 miles) at 15 kt (27.8 km/h) (17.3 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	86
officers:	12
<b>Machinery:</b>	Diesel-electric; 3 Type 37-D diesels; 6,000 hp(m) (4.41 MW); 3 motors; 5,500 hp(m) (4 MW); 3 shafts
<b>Firepower</b>	
<b>Missiles:</b>	<b>SLBM:</b> 1 JL-2 (CSS-NX-5); 3-stage solid fuel; stellar inertial guidance to 8,000 km (4,320 n miles); single nuclear warhead of 1 MT or 3-8 MIRV of smaller yield. CEP 300 m approx.
<b>Torpedoes:</b>	10-21 in (533 mm) tubes (6 bow, 4 stern). 12 Type Yu-4 (SAET-50); passive homing to 15 km (8.1 n miles) at 30 kt; warhead 309 kg.
<b>Radars:</b>	<b>Navigation:</b> Snoop Plate; I-band.
<b>Sonars:</b>	Pike Jaw; hull-mounted; active/passive search; medium frequency.
<b>Programmes:</b>	Ballistic missile submarine similar but not identical to the deleted USSR Golf class. Built at Dalian and launched in September 1966.
<b>Modernisation:</b>	Refitted in 1995 to take the JL-2 missile.
<b>Operational:</b>	This was the trials submarine for the JL-1 ballistic missile which was successfully launched to 1,800 km in October 1982. Continues to be available as a trials platform for the successor missile JL-2 and probably conducted a test firing on 12 June 2005. Further testings were reported in 2011 but it is possible that the boat is to be replaced by the Qing class. Based in the North Sea Fleet.



GOLF 200 (*Ships of the World*)

0529137



GOLF CLASS SILHOUETTE (*Ian Sturton*)

1164404

## Gromovoy class

**Date Posted:** 13-Jul-2015

**Publication:** Jane's Fighting Ships

(ATF)

**IN SERVICE:** 15

**ARCHIVED**

### Fleetlist

No
149
153
157

161

162

163

166

651

680

683

684

802

811

824

827

## **Gromovoy**

### **Dimensions and weights**

#### **Displacement**

standard: 808 tonnes (795.2 (uk) t) (890.7 t (short)) (808000 kg)

full load: 904 tonnes (889.7 (uk) t) (996.5 t (short)) (904000 kg)

#### **Length**

overall: 45.7 m (149.9 ft)

#### **Beam**

overall: 9.5 m (31.2 ft)

#### **Draught**

hull: 4.6 m (15.1 ft)

#### **Performance**

#### **Speed**

top speed:	11 kt (20.4 km/h) (12.7 mph)
<b>Range</b>	
standard:	7000 n miles (12964.0 km) (8055.5 miles) at 7 kt (13.0 km/h) (8.1 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	30 (est.)
<b>Machinery:</b> 2 diesels; 1,300 hp(m) (956 kW); 2 shafts	
<b>Firepower</b>	
Guns:	4-14.5 mm (2 twin) or 12.7 mm (2 twin) MGs.
Radars:	<b>Navigation:</b> Fin Curve or OKI X-NE-12 (Japanese); I-band.

**Comment:** Built at Luda Shipyard and Shanghai International, 1958-62. Basing: 651, 680, 683, and 684 in the North Sea Fleet; 802, 811, 824, and 827 in the East Sea Fleet; 149, 153, 157, 161, 162, 163, and 166 in the South Sea Fleet.

## Guangzhou class

**Date Posted:** 02-Nov-2018

**Publication:** Jane's Fighting Ships

(AWTL)

**IN SERVICE: 3**

**ARCHIVED**

### Fleetlist

No
590
593
645

Guangzhou	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	539 tonnes (530.5 (uk) t) (594.1 t (short)) (539000 kg)
<b>Length</b>	
overall:	49 m (160.8 ft)
<b>Beam</b>	
overall:	7.5 m (24.6 ft)
<b>Draught</b>	
hull:	3 m (9.8 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	10 kt (18.5 km/h) (11.5 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	19
<b>Machinery:</b>	1 diesel; 1 shaft

**Comment:** Coastal tankers built in the 1970s and 1980s. Water tankers. Basing: 590 and 593 in the North Sea Fleet; 645 in the East Sea Fleet.



## GY820 class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(LOGISTIC SUPPORT SHIP) (AKLRH)**

**IN SERVICE: 1**

**UPDATED**

### Fleetlist

ship names	Commissioned
GY820	23 Nov 2015
<b>GY820</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	3500 tonnes (3444.7 (uk) t) (3858.1 t (short)) (3500000 kg)
<b>Length</b>	
overall:	90 m (295.3 ft)
<b>Beam</b>	
overall:	14.6 m (47.9 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	20 kt (37.0 km/h) (23.0 mph)
<b>Range</b>	
standard:	3000 n miles (5556.0 km) (3452.3 miles) at 12 kt (22.2 km/h) (13.8 mph)

<b>Machinery:</b>	2 diesels; 2 shafts; bow thruster
<b>Firepower</b>	
<b>Guns:</b>	4 H/PJ-15 30 mm.
<b>Helicopters:</b>	Platform only for a Z-9.

**Comment:** This logistic ship began its service in Sansha City (Heinan province). The vessel serves under the Guangzhou Military Command. Features a bow and stern ramps and internal cargo deck. The ship can transport large equipment and is mainly used for material supply, equipment transportation, and maritime rescue missions. Its primary function is to resupply the homeport at Sansha in Yongxing Island, the largest in the Paracel group seized by China following a brief war with South Vietnam in 1974.

## Hai Yang (Type 825C) class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIP) (WPSO)**

**IN SERVICE: 1**

**UPDATED**

### Fleetlist

ship names
Haijing 3368 (ex-Haijian 168 , ex-Haiyang 11 , ex-Nan Diao 11 , ex-411)
<b>Hai Yang</b>
<b>Dimensions and weights</b>
<b>Measurement</b>
gross tonnage: 3324 tonnes (3271.5 (uk) t) (3664.1 t (short)) (3324000 kg)
<b>Length</b>
overall: 105.0 m (344.5 ft)
<b>Beam</b>
overall: 14.0 m (45.9 ft)

<b>Draught</b>	
hull:	5.2 m (17.1 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	19 kt (35.2 km/h) (21.9 mph)
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Built as oceanographic survey ship by Hudong Shipyard (now Hudong-Zhonghua Shipyard). Launched in June 1981 and commissioned by the South Sea Fleet of the PLA Navy in November 1981. Transferred to the China Coast Guard in 2013. Refitted at Guangzhou Shipbuilding in 2015.

## HAIG SH-5.

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**IN SERVICE:** 3

**UPDATED**

<b>Operational speed:</b>	243 kt (450 km/h).
<b>Service ceiling:</b>	33,620 ft (10,250 m).
<b>Range:</b>	2,563 n miles (4,750 km).
<b>Role/Weapon systems:</b>	Multipurpose amphibious maritime patrol aircraft introduced into service in 1986. Sensors: Doppler search radar; MAD; sonobuoys. Weapons: ASuW; bombs. ASW; lightweight torpedoes, mines, depth bombs. May be superseded in surveillance role by AVIC AG600.

## HAIG Z-9C/9D (Haitun)

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**IN SERVICE:** 22/22

**VERIFIED**

<b>Operational speed:</b>	134 kt (248 km/h).
<b>Service ceiling:</b>	14,100 ft (4,300 m).
<b>Range:</b>	236 n miles (437 km).
<b>Role/Weapon systems:</b>	ASW (Z-9C), ASuW (Z-9D) and SAR. Licensed assembly of 50 Aerospatiale AS365N Dauphin/AS565MA Panther for PLA and PLAN commenced 1980. Production by HAIG commenced 1988. Z-9C ASW variant may carry dipping sonar or torpedoes but not both. Some aircraft equipped with dipping sonar similar in appearance to Helras sonar. Aircraft adapted for SAR role fitted with EO turret (TV and FLIR), searchlight and winch. Aircraft deployed on counter-piracy operations may be fitted with 12.7 mm machine gun and 57 mm rocket launcher. Z-9D anti-ship variant capable of carrying 4 short range AShMs. Widely deployed on Type 054A frigates. Sensors: Thomson-CSF Agrion-15 or KLC-1 surface search I/J-band radar; Thomson-Sintra HS-12 or Type 605 dipping sonar. Weapons: ASW; 2 lightweight torpedoes (Yu-7). ASuW; 4 KJ-10B anti-ship missiles.



Z-9C (*Michael Nitz*)

1693563

## Haijian class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

# (WAGOR)

IN SERVICE: 4

**VERIFIED**

## Fleetlist

ship names	Builders	Laid down	Launched	Commissioned
Haijing 1118 (ex-Haijian 18)	/ Wuchang Shipyard, Wuhan	19 Nov 1994	15 Aug 1995	25 Mar 1996
Haijing 2149 (ex-Haijian 49)	/ Wuchang Shipyard, Wuhan	20 Dec 1993	30 Oct 1994	30 Jun 1995
Haijing 3174 (ex-Haijian 74)	/ Wuchang Shipyard, Wuhan	12 Nov 1994	2 Apr 1995	18 May 1996
Haijing 3172 (ex-Haijian 72)	/ Wuchang Shipyard, Wuhan			1989

## Haijian

### Dimensions and weights

#### Measurement

gross tonnage: 912 tonnes (897.6 (uk) t) (1005.3 t (short)) (912000 kg)

#### Length

overall: 71.4 m (234.3 ft)

#### Beam

overall: 10.2 m (33.5 ft)

#### Draught

hull: 3.37 m (11.1 ft)

#### Performance

#### Speed

top speed: 15.5 kt (28.7 km/h) (17.8 mph)

**Machinery:** 1 Zhenjiang 6L28/32 diesel; 1,800 hp (1.32 MW); 1 shaft

#### Firepower

**Radar:**

**Surface search:** E/F-band.

**Navigation:** I-band.

**Comment:** Steel construction. *Haijing* 1118 based in the North, *Haijing* 2149 in the East and *Haijing* 3174 in the South China Sea Branch.

## Haijiu (Type 037/1) class

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**(LARGE PATROL CRAFT) (PC)**

**IN SERVICE:** 2

***UPDATED***

### Fleetlist

No
694
697
<b>Haijiu</b>

### **Dimensions and weights**

#### **Displacement**

full load: 498 tonnes (490.1 (uk) t) (549.0 t (short)) (498000 kg)

#### **Length**

overall: 64 m (210.0 ft)

#### **Beam**

overall: 7.2 m (23.6 ft)

#### **Draught**

hull: 2.2 m (7.2 ft)

#### **Performance**

<b>Speed</b>	
top speed:	28 kt (51.9 km/h) (32.2 mph)
<b>Range</b>	
standard:	750 n miles (1389.0 km) (863.1 miles) at 18 kt (33.3 km/h) (20.7 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	72
<b>Machinery:</b>	4 diesels; 8,800 hp(m) (6.47 MW); 4 shafts
<b>Firepower</b>	
<b>Guns:</b>	2-57 mm/70 (twin). 4 Type 69 30 mm/64 (2 twin).
<b>A/S Mortars:</b>	RPS Uragan system; 4 RBU-1200 5-barrel launchers; RGB-12 rocket propelled depth charges; range 400-1,200 m; depth 15-350 m; warhead 30 kg.
<b>Depth charges:</b>	2 rails.
<b>Radars:</b>	<b>Surface search:</b> Type 351; Pot Head; I-band. <b>Fire control:</b> Round Ball; I-band.
<b>Sonars:</b>	Thomson Sintra SS 12.

**Comment:** Follow on from Type 037 Hainan class. Retain lattice mast but distinguishable by radome behind the bridge enclosing surface search radar and two Type 69 twin 30 mm mountings, similar in shape to AK-230. Based in East Sea Fleet. Two have been scrapped.

## Hailin I/II (Type 626) classes

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(WPBO)**

**IN SERVICE: 47**

**UPDATED**

## Fleetlist

ship names
Haijing 44059 (ex-Haiguan 852)
Haijing 44068 (ex-Haiguan 868)
Haijing 44069 (ex-Haiguan 869)
Haijing 33068 (ex-Haiguan 886)
Haijing 21091 (ex-Haiguan 891)
Haiguan 850
Haiguan 851
Haiguan 852
Haiguan 853
Haiguan 854
Haiguan 855
Haiguan 856
Haiguan 857
Haiguan 858
Haiguan 859
Haiguan 860
Haiguan 861
Haiguan 862
Haiguan 863
Haiguan 864
Haiguan 865
Haiguan 866
Haiguan 867

Haiguan 868
Haiguan 869
Haiguan 870
Haiguan 871
Haiguan 872
Haiguan 873
Haiguan 874
Haiguan 875
Haiguan 876
Haiguan 877
Haiguan 878
Haiguan 879
Haiguan 880
Haiguan 881
Haijing 35089 (ex-Haiguan 882)
Haiguan 883
Haiguan 884
Haiguan 885
Haijing 31088 (ex-Haiguan 886)
Haiguan 887
Haijing 31088 (ex-Haiguan 888)
Haiguan 889
Haiguan 890
Haiguan 891
<b>Hailin I/II</b>

<b>Dimensions and weights</b>	
<b>Length</b>	
overall:	50.0 m (164.0 ft)
<b>Machinery:</b>	
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Large patrol boats delivered from 2001. There are two types. Type I has a boat ramp at the stern and Type II has a crane but no boat ramp. Details reflect Type I.

## Hainan (Type 037) class

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**(FAST ATTACK CRAFT-PATROL) (PC)**

**IN SERVICE: 3**

**UPDATED**

### Fleetlist

No
740
741
742

### **Hainan**

<b>Dimensions and weights</b>
<b>Displacement</b>
standard: 381 tonnes (375.0 (uk) t) (420.0 t (short)) (381000 kg)
full load: 398 tonnes (391.7 (uk) t) (438.7 t (short)) (398000 kg)

<b>Length</b>	
overall:	58.8 m (192.9 ft)
<b>Beam</b>	
overall:	7.2 m (23.6 ft)
<b>Draught</b>	
hull:	2.2 m (7.2 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	30.5 kt (56.5 km/h) (35.1 mph)
<b>Range</b>	
standard:	1300 n miles (2407.6 km) (1496.0 miles) at 15 kt (27.8 km/h) (17.3 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	78
<b>Machinery:</b>	4 PCR/Kolomna Type 9D8 diesels; 4,000 hp(m) (2.94 MW) sustained; 4 shafts
<b>Firepower</b>	
<b>Missiles:</b>	Can be fitted with 4 YJ-1 launchers in lieu of the after 57 mm gun.
<b>Guns:</b>	4-57 mm/70 (2 twin); 120 rds/min to 12 km (6.5 n miles); weight of shell 6.31 kg. 4-25 mm/60 (2 twin).
<b>A/S Mortars:</b>	RPS Uragan system; 4 RBU-1200 5-barrel launchers; RGB-12 rocket-propelled depth charges; range 400-1,200 m; depth 15-350 m; warhead 30 kg.
<b>Mines:</b>	Rails fitted for 12.
<b>Depth charges:</b>	2 BMB-2 projectors; 2 racks. 18 DCs.
<b>Radars:</b>	<b>Surface search:</b> Type 351; Pot Head or Skin Head; E/F-band. <b>IFF:</b> High Pole.

**Sonars:** Stag Ear; hull-mounted; active search and attack; high frequency.  
Thomson Sintra SS 12 (in some); VDS.

**Programmes:** Programme started 1963-64 and continued with new hulls replacing the first ships of the class. There were at least six variants with minor differences.

**Structure:** A larger Chinese-built version of the former Soviet SO 1. Low freeboard. Later ships had a tripod or solid foremast in place of a pole and a short stub mainmast. Two trials SS 12 sonars fitted in 1987.

**Operational:** Majority have been retired.

**Sales:** Two to Bangladesh, one in 1982 and one in 1985; eight to Egypt in 1983-84; six to North Korea 1975-78; four to Pakistan, two in 1976 and two in 1980; six to Burma in 1991 and four in 1993.



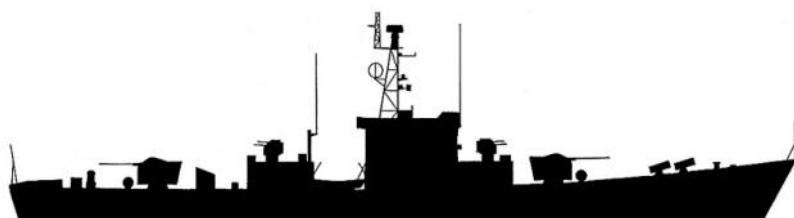
*HAINAN CLASS (A Sheldon-Duplaix)*

1483011



*HAINAN CLASS (E & M Laursen)*

1164869



*HAINAN CLASS SILHOUETTE (Ian Sturton)*

1153090

# Haiqing (Type 037/1S) class

Date Posted: 28-Feb-2020

Publication: Jane's Fighting Ships

(FAST ATTACK CRAFT-PATROL) (PC)

IN SERVICE: 9

*UPDATED*

## Fleetlist

ship names	No
Zhangqiu	612
Renqiu	613
Baofeng	634
Yichuan	635
Longhai	713
Yunhe	744
Fuyang	761
Xiaoshan	762
Shangyu	763
<b>Haiqing</b>	

## **Dimensions and weights**

### **Displacement**

full load: 486 tonnes (478.3 (uk) t) (535.7 t (short)) (486000 kg)

### **Length**

overall: 62.8 m (206.0 ft)

### **Beam**

overall: 7.2 m (23.6 ft)

<b>Draught</b>	
hull:	2.4 m (7.9 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	28 kt (51.9 km/h) (32.2 mph)
<b>Range</b>	
standard:	1300 n miles (2407.6 km) (1496.0 miles) at 15 kt (27.8 km/h) (17.3 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	71
<b>Machinery:</b>	4 PR 230ZC diesels; 4,000 hp(m) (2.94 MW) sustained; 4 shafts
<b>Firepower</b>	
<b>Guns:</b>	4 Type 76 37 mm/63 (2 twin); 4 Type 69 14.5 mm (2 twin).
<b>A/S Mortars:</b>	2 Type 87; 6-barrelled fixed launchers; range 1,200 m; warhead 34 kg.
<b>Radars:</b>	<b>Surface search:</b> Anritsu RA 723; I-band.
<b>Sonars:</b>	Hull mounted; active search and attack; medium frequency.

**Programmes:** Starting building at Qiuxin Shipyard in the late 1980s. Follow on from the Hainan/Haijiu classes (Type 037/037-I). Production continued at Qingdao, Chongqing and Huangpu as well as Qiuxin.

**Structure:** Similar hull to the Hainan/Haijiu classes but with enclosed bridge. The large A/S mortars suggest a predominantly ASW role.

**Operational:** Numbers are reducing.

**Sales:** One to Sri Lanka in December 1995. Two to Tanzania in 2014. Two to Namibia in 2017.



*HAIQING CLASS SILHOUETTE (Ian Sturton)*

1153088

## Haixun 051 class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(WPSO)**

**IN SERVICE:** 1

**VERIFIED**

### Fleetlist

ship names
Haixun 0201 (ex-Haixun 051)
<b>Haixun 051</b>
<b>Dimensions and weights</b>
<b>Measurement</b>
gross tonnage: 366 tonnes (360.2 (uk) t) (403.4 t (short)) (366000 kg)
<b>Length</b>
overall: 60.1 m (197.2 ft)
<b>Beam</b>
overall: 7.4 m (24.3 ft)
<b>Draught</b>
hull: 2.6 m (8.5 ft)

<b>Performance</b>	
<b>Speed</b>	
top speed:	18 kt (33.3 km/h) (20.7 mph)
<b>Machinery:</b>	
	2 Niigata 6M28AFTE diesels; 2,600 hp (1.91 MW); 2 shafts; cp props
<b>Firepower</b>	
<b>Radar:</b>	Navigation.

**Comment:** Built by Osaka Shipbuilding Ltd and entered service on 29 November 1986. Steel construction.

## Haixun I class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(WPSOH)**

**IN SERVICE: 1**

***UPDATED***

### Fleetlist

ship names
Haixun 21
<b>Haixun I</b>

### **Dimensions and weights**

<b>Displacement</b>	
standard:	1500 tonnes (1476.3 (uk) t) (1653.5 t (short)) (1500000 kg)
full load:	1583 tonnes (1558.0 (uk) t) (1745.0 t (short)) (1583000 kg)

### **Measurement**

gross tonnage:	1500 tonnes (1476.3 (uk) t) (1653.5 t (short)) (1500000 kg)
<b>Length</b>	

overall:	93.2 m (305.8 ft)
<b>Beam</b>	
overall:	11.2 m (36.7 ft)
<b>Draught</b>	
hull:	3.45 m (11.3 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	22 kt (40.7 km/h) (25.3 mph)
<b>Machinery:</b>	2 Niigata 16MG26HX diesels; 10,014 hp (7.37 MW); 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	Navigation.
<b>Helicopters:</b>	Platform for one medium.

**Comment:** Constructed at Jiangnan Shipbuilding's Qiuxin Shipyard, Shanghai, and entered service in December 2001. Steel construction.



*HAI XUN 21 (A Sheldon-Duplaix)*

1700165

## Haixun II (Type 718) class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

# (OFFSHORE PATROL SHIP) (WPSOH)

IN SERVICE: 1

**UPDATED**

## Fleetlist

ship names	
Haijing 31101 (ex-Haijing 1001)	
Haixun II	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	1617 tonnes (1591.5 (uk) t) (1782.4 t (short)) (1617000 kg)
<b>Length</b>	
overall:	95.6 m (313.6 ft)
<b>Machinery:</b>	To be announced
<b>Firepower</b>	
<b>Guns:</b>	1-37 mm.
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.
<b>Helicopters:</b>	Platform only

**Comment:** Coastal patrol ship built for the China Coast Guard. Sea trials completed in April 2007.



*HAIJING 31101 (Ships of the World)*

1686954

# **Haizhui/Shanghai III (Type 062/1) class**

**Date Posted:** 09-Sep-2019

**Publication:** Jane's Fighting Ships

**(COASTAL PATROL CRAFT) (PC)**

**IN SERVICE:** 30

**UPDATED**

## **Fleetlist**

This information is unavailable.

<b>Haizhui</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	173 tonnes (170.3 (uk) t) (190.7 t (short)) (173000 kg)
<b>Length</b>	
overall:	41 m (134.5 ft)
<b>Beam</b>	
overall:	5.3 m (17.4 ft)
<b>Draught</b>	
hull:	1.8 m (5.9 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	25 kt (46.3 km/h) (28.8 mph)
<b>Range</b>	
standard:	750 n miles (1389.0 km) (863.1 miles) at 17 kt (31.5 km/h) (19.6 mph)
<b>Capacity</b>	
<b>Complement</b>	

military	
crew:	43
<b>Machinery:</b>	4 HND L12-180A diesels; 4,400 hp(m) (3.22 MW) sustained; 4 shafts
<b>Firepower</b>	
<b>Guns:</b>	4-37 mm/63 (2 twin); 180 rds/min to 8.5 km (4.6 n miles); weight of shell 1.42 kg. 4 Type 69 14.5 mm (2 twin) or 4-25 mm (2 twin).
<b>Radars:</b>	<b>Surface search:</b> Type 351 (Pot Head) or Anritsu 726; I-band.
<b>Sonars:</b>	Stag Ear; hull-mounted; active search; high frequency (in some).

**Programmes:** First seen in 1992 and built for Chinese use and for export. Sometimes referred to as Shanghai III class when not fitted with ASW equipment.

**Structure:** Lengthened Shanghai II hull. Inclined pole mast and a pronounced step at the back of the bridge superstructure are recognition features. Much reduced top speed. Some may be equipped with RBU-1200 launchers in place of other armament.

**Operational:** Basing: 1100 series in North Sea Fleet, 1200 series in East Sea Fleet, and 1300 series in South Sea Fleet. Overall numbers are approximate. Eight 1300 series craft retired in mid-2019.

**Sales:** Three of a variant to Tunisia in 1994, three to Sri Lanka in August 1995, three more in May 1996, and three more in August 1998. One to Bangladesh in mid-1996. One to Sierra Leone in 1997.



HAIZHUI 1205-1208 (*Kürsener Collection*)

1724286



SHANGHAI III CLASS SILHOUETTE (*Ian Sturton*)

1153087

# Han class (Type 091/091G)

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

(SSN)

Han	(Type	091)
IN	SERVICE:	1
Han	(Type	091G)
IN SERVICE: 2		

**UPDATED**

## Fleetlist

ship names	No	Builders	Laid down	Launched	Commissioned
Changzheng 03	403	/ Bohai Shipyard , Huludao	1980	1983	21 Sep 1984
Changzheng 04	404	/ Bohai Shipyard , Huludao	1984	1987	Nov 1988
Changzheng 05	405	/ Bohai Shipyard , Huludao	1987	8 Apr 1990	Dec 1990
<b>Han (Type 091), Han (Type 091G)</b>					

## Dimensions and weights

### Displacement

surfaced: 4572 tonnes (4499.8 (uk) t) (5039.8 t (short)) (4572000 kg)

dived: 5639 tonnes (5549.9 (uk) t) (6215.9 t (short)) (5639000 kg)

### Length

overall: 96 m (315.0 ft) (403)  
101 m (331.4 ft) (404-405)

### Beam

overall: 10 m (32.8 ft) (403-405)

<b>Draught</b>	
hull:	7.4 m (24.3 ft) (403-405)
<b>Performance</b>	
<b>Speed</b>	
top speed:	25 kt (46.3 km/h) (28.8 mph)
dived:	25 kt (46.3 km/h) (28.8 mph)
surfaced:	12 kt (22.2 km/h) (13.8 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	75
<b>Machinery:</b>	Nuclear; turbo-electric; 1 PWR; 90 MW; 1 shaft
<b>Firepower</b>	
<b>Missiles:</b>	<b>SSM:</b> YJ-82; inertial guidance and active radar terminal homing to 33.3 km (18 n miles) at Mach 0.9; warhead 165 kg; sea-skimmer.
<b>Torpedoes:</b>	6-533 mm bow tubes; combination of Yu-3 (SET-65E); passive homing to 13 km (7 n miles) at 35 kt; electric; warhead 205 kg; depth to 350 m and Yu-4B; wire-guided and active/passive homing to 15 km (8.1 n miles) at 40 kt; electric; warhead 309 kg.
<b>Mines:</b>	36 in lieu of torpedoes.
<b>Electronic countermeasures:</b>	<b>ESM:</b> Type 921-A; radar warning.
<b>Radars:</b>	<b>Surface search:</b> Snoop Tray; I-band.
<b>Sonars:</b>	Trout Cheek; hull-mounted; active/passive search and attack; medium frequency. DUUX-5; passive ranging and intercept; low frequency.

- Programmes:** First of this class delayed by problems with the powerplant. Although completed in 1974 it was not fully operational until the 1980s.
- Modernisation:** The basic Russian ESM equipment was replaced by a French design. A French intercept sonar set has been fitted.
- Structure:** From 404 onwards the hull has been extended by some 5 m although this was not to accommodate missile tubes as previously reported. SSMs may be fired from the torpedo tubes. Diving depth 300 m (985 ft).

**Operational:** All based in North Sea Fleet at Jianggezhuang (Nanyaowan, Laoshan district). 403 and 404 started mid-life refits in 1998, which completed in early 2000. 405 started mid-life refit in 2000 and was reported completed in 2002. The first of class 401 was decommissioned in 2000 and became an exhibit at the naval museum in Qingdao in 2016 and 402 in 2005. The boats are reputed to be relatively noisy and likely to be readily detected by modern passive sonars, so have limited operational utility.



HAN 404 (*Ships of the World*)

0506277



HAN CLASS SILHOUETTE (*Ian Sturton*)

1153067

## Harbin H-5 (Il-28 Beagle).

**Date Posted:** 19-Jan-2011

**Publication:** Jane's Fighting Ships

**IN SERVICE:** 30

**ARCHIVED**

<b>Operational speed:</b>	487 kt (902 km/h).
<b>Service ceiling:</b>	40,350 ft (12,300 m).

<b>Range:</b>	1,175 n miles (2,180 km).
<b>Role/Weapon systems:</b>	Overwater strike aircraft with ASW/ASVW roles. Numbers are doubtful as some have been phased out and others moved into second line roles such as target towing and ECM training. Weapons: ASW; two torpedoes or four depth bombs. ASVW; one torpedo + mines. Standard; four 23 mm cannon.



*H-5 (Romanian colours) (Lindsay Peacock)*

0524583

## Hongda class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIPS) (WPSO)**

**IN SERVICE:** 4

**VERIFIED**

### Fleetlist

ship names
Haijing 35001
Haijing 44044

Haijing 46001	
Haijing 46002	
<b>Hongda</b>	
<b>Dimensions and weights</b>	
<b>Length</b>	
overall:	60.0 m (196.9 ft)
<b>Machinery:</b>	To be announced.
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Medium-sized offshore patrol ships.

## Hongming II/III (Type 218)

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(PATROL CRAFT) (WPBO)**

**IN SERVICE: 66**

*UPDATED*

### Fleetlist

ship names
Haijing 12012
Haijing 12014
Haijing 13022
Haijing 21021
Haijing 21040
Haijing 31011

Haijing 31018
Haijing 31021
Haijing 31022
Haijing 31025
Haijing 32021
Haijing 32031
Haijing 33011
Haijing 33012
Haijing 33023
Haijing 33032
Haijing 33041
Haijing 33042
Haijing 33043
Haijing 33051
Haijing 33052
Haijing 35011
Haijing 35031
Haijing 35032
Haijing 35051
Haijing 35061
Haijing 35081
Haijing 35091
Haijing 37013
Haijing 37023
Haijing 37036

Haijing 44003
Haijing 44004
Haijing 44033
Haijing 44041
Haijing 44052
Haijing 44083
Haijing 45013
Haijing 45014
Haijing 45024
Haijing 45031
Haijing 45041
Haijing 45042
Haijing 45051
Haijing 46012
Haijing 46021
Haijing 46041
Haijing 12021
Haijing 13013
Haijing 21016
Haijing 31011
Haijing 32019
Haijing 33022
Haijing 33032
Haijing 35062
Haijing 35093

Haijing 37011	
Haijing 37031	
Haijing 44071	
Haijing 44073	
Haijing 44201	
Haijing 44651	
Haijing 44804	
Haijing 44968	
Haijing 46013	
Haijing 46042	
<b>Hongming II/III</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
standard:	132 tonnes (129.9 (uk) t) (145.5 t (short)) (132000 kg)
<b>Length</b>	
overall:	41 m (134.5 ft)
<b>Beam</b>	
overall:	6.2 m (20.3 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	28 kt (51.9 km/h) (32.2 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	23

<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	1-14.5 mm.
<b>Radar:</b>	<b>Navigation:</b> I-band.

**Comment:** There are several variants of this widely used patrol vessel. The Hongming III units have a length of 47 m. Numbers are approximate.

## Hongqi class

**Date Posted:** 10-Sep-2019

**Publication:** Jane's Fighting Ships

(AK)

**IN SERVICE:** 7

***UPDATED***

### Fleetlist

No
Bei Yun 443
Bei Yun 528
Dong Yun 755
Dong Yun 756
Dong Yun 771
Nan Yun 835
Nan Yun 836
<b>Hongqi</b>

<b>Dimensions and weights</b>
<b>Displacement</b>
full load: 1981 tonnes (1949.7 (uk) t) (2183.7 t (short)) (1981000 kg)

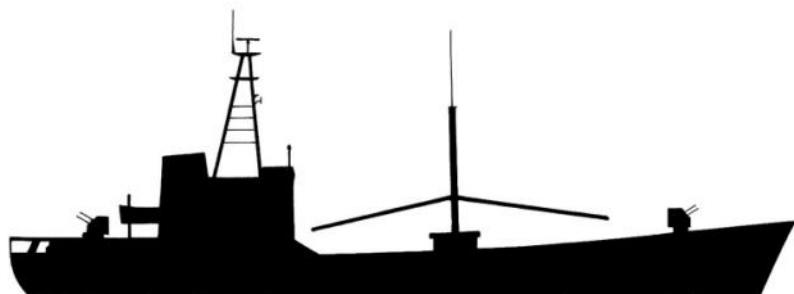
<b>Length</b>	
overall:	62 m (203.4 ft)
<b>Beam</b>	
overall:	12 m (39.4 ft)
<b>Draught</b>	
hull:	4.4 m (14.4 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	14 kt (25.9 km/h) (16.1 mph)
<b>Range</b>	
standard:	2500 n miles (4630.0 km) (2876.9 miles) at 11 kt (20.4 km/h) (12.7 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	35
<b>Machinery:</b>	1 diesel; 1 shaft
<b>Firepower</b>	
<b>Guns:</b>	4 Type 4 25 mm/80 (2 twin).

**Comment:** Used to support offshore military garrisons. A further ship, L 202, appears to be similar but carries no armament. Others of this type in civilian use. Basing: 443 and 528 in the North Sea Fleet; 755, 756 and 771 in the East Sea Fleet; 835 and 836 in the South Sea Fleet.



HONGQI CLASS (*Bob Fildes*)

0569175



HONGQI CLASS SILHOUETTE (*Ian Sturton*)

1164368

## Houbei (Type 022) class

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**(FAST ATTACK CRAFT-MISSILE) (PGGF)**

**IN SERVICE: 60**

**UPDATED**

### Fleetlist

No
2101
2102
2103
2104

2105
2106
2107
2108
2109
2110
2111
2112
2208
2209
2210
2211
2212
2213
2214
2215
2216
2217
2218
2219
2220
2221
2222
2223
2224

2225
2226
2227
2228
2229
2230
2231
2308
2309
2310
2311
2312
2313
2314
2315
2316
2317
2318
2319
2320
2321
2322
2323
2324
2325

2326
2327
2328
2329
2330
2331
<b>Houbei</b>
<b>Dimensions and weights</b>
<b>Displacement</b>
full load: 224 tonnes (220.5 (uk) t) (246.9 t (short)) (224000 kg)
<b>Length</b>
overall: 42.6 m (139.8 ft)
<b>Beam</b>
overall: 12.2 m (40.0 ft)
<b>Draught</b>
hull: 1.5 m (4.9 ft)
<b>Performance</b>
<b>Speed</b>
top speed: 40 kt (74.1 km/h) (46.0 mph)
<b>Capacity</b>
<b>Complement</b>
military
crew: 12
<b>Machinery:</b> 4 diesels; 4 Kamewa waterjets
<b>Firepower</b>

<b>Missiles:</b>	8 YJ-83 (CSS-N-8 Saccade) (2 quad); inertial guidance and active radar homing to 180 km (97.2 n miles) at Mach 0.9; warhead 165 kg or 190 kg; sea skimmer.
<b>Guns:</b>	1 H/PJ-13 30 mm/65 (AK-630M); 6 barrels per mounting; 5,000 rds/min combined to 4 km (2.2 n miles).
<b>Radar:</b>	<b>Surface search:</b> Type 348 (LR 66); I-band. <b>Navigation:</b> I-band.
<b>Weapon control systems:</b>	Optronic director.

**Comment:** A new fast attack craft, the first of which (2208) was launched at Qiuxin Shipyard, Shanghai in April 2004. The design is believed to be based on a 42 m hull developed by AMD Marine Consulting, Sydney. This was further progressed by its joint venture company in Guangzhou, Sea Bus International (SBI), into a patrol boat configuration, which was selected by the Chinese Navy after a five-year investigation into various platform contenders. The craft has a wave-piercing catamaran hull form and a centre bow. Likely to be of aluminium alloy construction, the design incorporates radar cross section (RCS) reduction measures. Following extensive first of class trials, full production was reported to have taken place in at least six shipyards. Production ceased in 2009 after completion of 60 hulls. Dimensions are based on the original AMD design. The mismatch in range of the YJ-83 and maximum radar range suggests a datalink is fitted to facilitate over-the-horizon targeting. The craft are based in all three fleets and are likely to use a sector-defence concept. Basing: 2101-2112 (North); 2208-2231 (East); 2308-2331 (South). Unconfirmed reports indicate some are laid up.



*HOUBEI CLASS (Chris Sattler)*

1335684



*HOUBEI CLASS SILHOUETTE (Ian Sturton)*

1164396

## Houjian (Type 037/2) class

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**(FAST ATTACK CRAFT-MISSILE) (PTG)**

**IN SERVICE: 6**

**UPDATED**

### Fleetlist

ship names	No	Builders	Launched	Commissioned
Yangjiang	770	/ Huangpu Shipyard	Jan 1991	May 1991
Shunde	771	/ Huangpu Shipyard	Jul 1994	Feb 1995
Nanhai	772	/ Huangpu Shipyard	Feb 1995	Apr 1995
Panyu	773	/ Huangpu Shipyard	May 1995	Jul 1995
Lianjiang	774	/ Huangpu Shipyard	Sep 1998	Feb 1999
Xinhui	775	/ Huangpu Shipyard	Apr 1999	Nov 1999

### **Houjian**

#### **Dimensions and weights**

#### **Displacement**

standard: 528 tonnes (519.7 (uk) t) (582.0 t (short)) (528000 kg)

<b>Length</b>	
overall:	65.4 m (214.6 ft)
<b>Beam</b>	
overall:	8.4 m (27.6 ft)
<b>Draught</b>	
hull:	2.4 m (7.9 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	32 kt (59.3 km/h) (36.8 mph)
<b>Range</b>	
standard:	1800 n miles (3333.6 km) (2071.4 miles) at 18 kt (33.3 km/h) (20.7 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	75
<b>Machinery:</b>	3 SEMT-Pielstick 12PA6-280 diesels; 15,840 hp(m) (11.7 MW) sustained; 3 shafts
<b>Firepower</b>	
<b>Missiles:</b>	<b>SSM:</b> 6 YJ-83 (CSS-N-8 Saccade) (2 triple); inertial guidance and active radar terminal homing to 180 km (97.2 n miles) at Mach 0.9; warhead 165 or 190 kg; sea skimmer.
<b>Guns:</b>	2 Type 76A 37 mm/63 (twin); 360 rds/min to 8.5 km (4.6 n miles); weight of shell 0.73 kg. 4 Type 69 30 mm/65 (2 twin); 600 rds/min to 7 km (3.8 n miles).
<b>Physical countermeasures:</b>	<b>Decoys:</b> 16 Type 945G 18-barrelled launcher.
<b>Electronic countermeasures:</b>	<b>ESM:</b> Type 928; intercept.

<b>Radar:</b>	<b>Surface search:</b> Type 363; E/F-band. <b>Fire control:</b> Type 344 (MR 34); I-band. <b>Navigation:</b> Type 765; I-band.
<b>Weapon control systems:</b>	Type JM-83 optronic director.

**Programmes:** First of class laid down in 1989 and built in a very short time. Sometimes called the Huang class.

**Operational:** Based in South Sea Fleet at Hong Kong from mid-1997. One possibly sunk in late 1997. *Lianjiang* severely damaged in a collision with a freighter on 26 June 2006 but was later repaired at Guangdong Shipyard in 2008.



*HOUJIAN CLASS SILHOUETTE (Ian Sturton)*

1153091

## Houku (type 024) class

**Date Posted:** 28-Oct-2005

**Publication:** Jane's Fighting Ships

**(FAST ATTACK CRAFT-MISSILE) (PTKG)**

**IN SERVICE:** 15

**ARCHIVED**

<b>Displacement, tons:</b>	68 standard; 79.2 full load
<b>Dimensions, feet (metres):</b>	88.6 × 20.7 × 4.3 (27 × 6.3 × 1.3) (28.6 m-Hema class)
<b>Main machinery:</b>	4 Type L-12V-180 diesels; 4,800 hp(m) (3.53 MW); 4 shafts
<b>Speed, knots:</b>	37.5
<b>Range, n miles:</b>	400 at 30 kt
<b>Complement:</b>	17 (2 officers)

<b>Missiles:</b>	SSM: 2 SY-1 (CSS-N-1 Scrubbrush); inertial cruise; active radar homing to 45 km (24.3 n miles) at 0.9 Mach; warhead 513 kg. 1 C-801 in one of the class
<b>Guns:</b>	2 USSR 25 mm/60 (twin) (4 (2 twin) in Hema class); 270 rds/min to 3 km ( <i>1.6 n miles</i> ) anti-aircraft; weight of shell 0.34 kg
<b>Radar:</b>	Surface search: Square Tie; I-band; range 73 km (40 n miles)
<b>IFF:</b>	High pole A

**Programmes:** The Komars delivered from the USSR in the 1960s have been deleted. They were followed by a building programme of 10 a year of a Chinese variant of the Komar with a steel hull instead of wooden. Pennant numbers; 1100 and 3100 series as some of the Huangfen class.

**Modernisation:** Plans to replace the missiles with C-801 have been shelved although a few may be fitted. One craft is a trials platform for the C-101 and has a single launcher on the stern. This is an SSM designed for FACs but may have been overtaken by the C-801.

**Structure:** The chief external difference is the siting of the launchers clear of the bridge and further inboard, eliminating sponsons and use of pole instead of lattice mast. A hydrofoil variant, the Hema class, has a semi-submerged foil forward. The extra 6 ft length allows for the mounting of a second twin 25 mm abaft the missile launchers.

**Operational:** Numbers are declining and are approximate. Some may be in reserve.

**Sales:** Four to Pakistan, 1981; four to Bangladesh, February 1983 and one more in 1992; six to Egypt, 1984. Export version known as Hegu class.



*HOUKU (A Sheldon Duplaix)*

0505969

# Houxin (Type 037/1G) class

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**(FAST ATTACK CRAFT-MISSILE) (PTG)**

**IN SERVICE:** 18

***UPDATED***

## Fleetlist

ship names	No
Laiyang	651
Laixi	652
Oufu	653
Chengqu	654
Rushan	655
Shouguang	656
Jiusha	751
Dongan	753
Linwu	754
Chaoyang	755
Chenghai	756
Gutian	757
Yongchun	758
Fuqing	759
Changle	760
Longyan	764
Fuding	766
Fuan	767

<b>Houxin</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	486 tonnes (478.3 (uk) t) (535.7 t (short)) (486000 kg)
<b>Length</b>	
overall:	62.8 m (206.0 ft)
<b>Beam</b>	
overall:	7.2 m (23.6 ft)
<b>Draught</b>	
hull:	2.4 m (7.9 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	28 kt (51.9 km/h) (32.2 mph)
<b>Range</b>	
standard:	750 n miles (1389.0 km) (863.1 miles) at 18 kt (33.3 km/h) (20.7 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	71
<b>Machinery:</b>	4 PR 230ZC diesels; 4,000 hp(m) (2.94 MW); 4 shafts
<b>Firepower</b>	
<b>Missiles:</b>	<b>SSM:</b> 4 YJ-8 (CSS-N-4 Sardine) (2 twin); active radar homing to 42.6 km (23 n miles) at Mach 0.9; warhead 165 kg; sea-skimmer.
<b>Guns:</b>	4 Type 76A 37 mm/63 (2 twin); 360 rds/min to 8.5 km (4.6 n miles); weight of shell 0.73 kg. 4 Type 69 14.5 mm (2 twin); 600 rds/min to 7 km (3.8 n miles).

<b>Electronic countermeasures:</b>	ESM/ECM: Intercept and jammer.
<b>Radar:</b>	<b>Surface search:</b> Type 352C (Square Tie); I-band. <b>Fire control:</b> Type 341 (Rice Lamp); I-band. <b>Navigation:</b> Anritsu Type 723; I-band.

- Programmes:** First seen in 1991 and built at the rate of up to three per year at Qiuxin and Huangpu Shipyards to replace the Houku class and for export.
- Structure:** This is a missile armed version, continuing the development of the Type 037 Hainan class and subsequent variants. There are some variations in the bridge superstructure in later ships of the class.
- Operational:** Basing: 651-656 (North); 751, 753-756, 766, 767 (South); 757-760, 764 (East). Numbers are reducing.
- Sales:** Two to Burma in December 1995, two in July 1996 and two in late 1997.



*YONGCHUN (Bob Fildes)*

0569184



*HOUXIN CLASS SILHOUETTE (Ian Sturton)*

1153092

## Huangfen (Type 021) (Osa I Type)

**Date Posted:** 12-Feb-2013

**Publication:** Jane's Fighting Ships

# (FAST ATTACK CRAFT-MISSILE) (PTGF)

IN SERVICE: 11

*ARCHIVED*

## Fleetlist

No
3113
3114
3130
3131
6106
6107
6119
6120
6122
6123
7119

## **Huangfen**

### **Dimensions and weights**

#### **Displacement**

standard: 174 tonnes (171.3 (uk) t) (191.8 t (short)) (174000 kg)

full load: 208 tonnes (204.7 (uk) t) (229.3 t (short)) (208000 kg)

#### **Length**

overall: 38.6 m (126.6 ft)

#### **Beam**

overall: 7.6 m (24.9 ft)

<b>Draught</b>	
hull:	2.7 m (8.9 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	35 kt (64.8 km/h) (40.3 mph)
<b>Range</b>	
standard:	800 n miles (1481.6 km) (920.6 miles) at 30 kt (55.6 km/h) (34.5 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	28
<b>Machinery:</b>	3 Type 42-160 diesels; 12,000 hp(m) (8.8 MW) sustained; 3 shafts
<b>Firepower</b>	
<b>Missiles:</b>	<b>SSM:</b> 4 C-201 (HY-2/CSS-N-3 Seersucker) (2 twin) launchers; active radar or IR homing to 95 km (51 n miles) at 0.9 Mach; warhead 513 kg.
<b>Guns:</b>	4 USSR 25 mm/60 (2 twin); 270 rds/min to 3 km (1.6 n miles) anti-aircraft. Replaced in some by 4 USSR 30 mm/65 (2 twin) AK 230.
<b>Radars:</b>	<b>Surface search:</b> Type 352C; Square Tie; I-band. <b>Fire control:</b> Type 331 Round Ball or Type 341 Rice Lamp; H/I-band. <b>IFF:</b> 2 Square Head; High Pole A.

**Programmes:** First reported in 1985.

**Operational:** China credits this class with a speed of 39 kt. Split between the Fleets. Numbers continue to be reduced.

**Sales:** Four to North Korea, 1980; four to Pakistan, 1984; four to Bangladesh, 1988; and one more in 1992. Three of a variant were transferred to Yemen in June 1995, delivery having been delayed by the Yemen civil war. A variant called the Houdong class has been built for Iran. Five delivered to Iran in September 1994, five more in March 1996.



HUANGFEN 6120 (*Ships of the World*)

0529118



HUANGFEN CLASS SILHOUETTE (*Ian Sturton*)

1153089

## Huchuan (type 025/026) class

**Date Posted:** 28-Oct-2005

**Publication:** Jane's Fighting Ships

**(FAST ATTACK CRAFT-TORPEDO) (PTKF)**

**IN SERVICE: 15**

**ARCHIVED**

No
205

207	
208	
209	
248	
1247	
2201	
2203	
3206	
3214	
6218	
7230	
+3	
<b>Displacement, tons:</b>	39 standard; 45.8 full load
<b>Dimensions, feet (metres):</b>	$71.5 \times 20.7$ oa $\times 11.8$ (hullborne) ( $21.8 \times 6.3 \times 3.6$ )
<b>Main machinery:</b>	3 Type M 50 diesels; 3,300 hp(m) (2.42 MW) sustained; 3 shafts
<b>Speed, knots:</b>	50 foilborne
<b>Range, n miles:</b>	500 at 30 kt
<b>Complement:</b>	16
<b>Guns:</b>	4 China 14.5 mm (2 twin); 600 rds/min to 7 km (3.8 n miles)
<b>Torpedoes:</b>	2-21 in (533 mm) tubes. Yu-1; anti-ship; to 9.2 km (5 n miles) at 39 kt or 3.7 km (2.1 n miles) at 51 kt; warhead 400 kg
<b>Radar:</b>	Surface search: Skin Head or China Type 753; I-band

**Programmes:** Hydrofoils designed and built by China, in the Hudong yard, Shanghai. Construction started in 1966. Construction discontinued in 1988-89 although four more were reported as being completed in 1994. Numbers may be declining.

**Structure:** Of all-metal construction with a bridge well forward and a low superstructure extending aft. Forward pair of foils can be withdrawn into recesses in the hull. There are two variants. Older boats have a twin mounting amidships and one aft with the front of the bridge well forward of the lips of the tubes. Newer versions have the front of the bridge in line with the lips of the tubes and the first mounting on the forecastle and have differences in their electronics. Not all are hydrofoil fitted.

**Operational:** These last survivors are based in the North Sea Fleet.

**Sales:** 32 to Albania, four to Pakistan (passed on to Bangladesh), four to Tanzania, three to Romania plus additional craft of indigenous construction. Four to Bangladesh in 1989. Some have been deleted.



*HUCHUAN (CSSC)*

0012198

## Hudong class (submarine rescue ship)

**Date Posted:** 28-Oct-2005

**Publication:** Jane's Fighting Ships

(ASR)

**IN SERVICE:** 1

**ARCHIVED**

Name	No
HAIJUI	512 (ex-J 301)
<b>Displacement, tons:</b>	4,500 standard; 4,900 full load
<b>Dimensions, feet (metres):</b>	308.5 × 55.8 × 15.1 (94 × 17 × 4.6)
<b>Main machinery:</b>	2 diesels; 3,600 hp(m) (2.64 MW); 2 shafts
<b>Speed, knots:</b>	16
<b>Range, n miles:</b>	5,000 at 12 kt

<b>Complement:</b>	225 (est)
<b>Guns:</b>	4 China 37 mm/63 (2 twin). 4 China 14.5 mm/93 (2 twin)
<b>Radar:</b>	Navigation: Fin Curve; I-band

**Comment:** Built at Hudong Shipyard, Shanghai. Laid down 1965, launched 1967. Design revised before completion. Has two bow and two stern anchors. Two 5 ton booms and stern gantry for submarine rescue bell. Second of class probably scrapped in 1994. Based in the East Sea Fleet.



*HAIJUI 512*

0505973

## Hulai II

**Date Posted:** 03-Mar-2020

**Publication:** Jane's Fighting Ships

**(WPBO)**

**IN SERVICE: 26**

***NEW ENTRY***

### Fleetlist

ship names
Haijing 33002
Haijing 31001

Haijing 37001	
Haijing 33003	
Haijing 33004	
Haijing 35008	
Haijing 44003	
Haijing 44004	
Haijing 44005	
Haijing 44006	
Haijing 44007	
Haijing 44008	
Haijing 44015	
Haijing 44018	
Haijing 45001	
Haijing 44020	
Haijing 45002	
Haijing 46004	
Haijing 35004	
Haijing 35007	
Haijing 35008	
<b>Hulai II</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
standard:	335 tonnes (329.7 (uk) t) (369.3 t (short)) (335000 kg)
full load:	370 tonnes (364.2 (uk) t) (407.9 t (short)) (370000 kg)
<b>Length</b>	

overall:	54.4 m (178.5 ft)
<b>Beam</b>	
overall:	7.6 m (24.9 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	32 kt (59.3 km/h) (36.8 mph)
<b>Machinery:</b>	4 diesels; 4 shafts
<b>Firepower</b>	
<b>Guns:</b>	To be announced.
<b>Radars:</b>	<b>Surface search/navigation:</b> I-band.

**Comment:** Locally referred to as new generation 300 ton class. Built from about 2015 at several shipyards, including Qingdao Shipyard, Xijiang Shipbuilding, and Jianglong Shipyard. Steel hull with aluminium alloy superstructure. An interceptor can be launched from a stern ramp.

## Huludao class (Type 206)

**Date Posted:** 20-Jan-2009

**Publication:** Jane's Fighting Ships

**(FAST ATTACK CRAFT-PATROL) (PC)**

**ARCHIVED**

<b>Displacement, tons:</b>	180 full load
<b>Dimensions, feet (metres):</b>	147.6 × 21 × 5.6 (45 × 6.4 × 1.7)
<b>Main machinery:</b>	3 MWM TBD604BV12 diesels; 5,204 hp(m) (3.82 MW) sustained; 3 shafts
<b>Speed, knots:</b>	29
<b>Range, n miles:</b>	1,000 at 15 kt
<b>Complement:</b>	24 (6 officers)

**Guns:** 6 China 14.5 mm Type 82 (3 twin); 600 rds/min to 7 km (*3.8 n miles*); weight of shell 1.42 kg.

**Comment:** EEZ patrol craft first seen at Wuxi Shipyard in 1988. The craft is sometimes referred to as the Wuting class.



*HAI GONG HULUDAO*

0056810

## Hutao I/III classes

**Date Posted:** 03-Mar-2020

**Publication:** Jane's Fighting Ships

**(WPSO)**

<b>Hutao</b>	<b>I</b>
<b>IN</b>	<b>SERVICE:</b>
<b>Hutao</b>	<b>III</b>
<b>IN SERVICE: 2</b>	

**NEW ENTRY**

### Fleetlist

ship names
Hajing 21105
Hajing 31103
Hajing 33104
Hajing 35104

Hajing 44106
Hajing 45103
Hajing 44109
Hajing 44110
<b>Hutao I, Hutao III</b>
<b>Dimensions and weights</b>
<b>Displacement</b>
standard: 600 tonnes (590.5 (uk) t) (661.4 t (short)) (600000 kg)
<b>Length</b>
overall: 68 m (223.1 ft)
<b>Machinery:</b> 4 diesels; 4 shafts
<b>Firepower</b>
<b>Guns:</b> 1-30 mm. 2-12.7 mm MGs.

**Comment:** Medium-sized patrol vessels. Type I ships built 2015-17. Features include dual stern ramp for interceptors. Numbers are approximate. Two Type II ships stretched to 72 m featuring waterjet propulsion and davit-launched interceptors were launched in June-July 2018.

## Huxin class

**Date Posted:** 07-Dec-2010

**Publication:** Jane's Fighting Ships

**(PB)**

**ARCHIVED**

### Fleetlist

ship names
Huxin 44091
Huxin

<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	168 tonnes (185.2 t (short)) (168000 kg)
<b>Length</b>	
overall:	28 m (91.86 ft)
<b>Beam</b>	
overall:	4.2 m (13.78 ft)
<b>Draught</b>	
hull:	1.6 m (5.25 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	17 kt
<b>Range</b>	
standard:	400 n miles at 10 kt
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	26
<b>Machinery:</b>	2 diesels; 1,000 hp(m) (735 kW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	2 China 14.5 mm/93 (twin).
<b>Radar:</b>	<b>Surface search:</b> Skin Head; I-band.

**Comment:** This is a class of modified Huangpu design with a greater freeboard and a slightly larger displacement. First seen in 1989 and now in series production. Huxin 178 is a modified command vessel with a forward superstructure extension.



HUXIN 44091

1164340

## Inshore patrol craft

**Date Posted:** 07-Dec-2010

**Publication:** Jane's Fighting Ships

(PBI)

**ARCHIVED**

### Fleetlist

This information is unavailable.

<b>unknown</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	33 tonnes (36.4 t (short)) (33000 kg)
<b>Length</b>	
overall:	18.9 m (62.01 ft)
<b>Beam</b>	
overall:	4 m (13.12 ft)
<b>Draught</b>	
hull:	1.1 m (3.61 ft)
<b>Performance</b>	

<b>Speed</b>	
top speed:	15 kt
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	5
<b>Machinery:</b>	2 diesels; 900 hp(m) (662 kW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	1-12.7 mm MG.

**Comment:** Details given are for the standard small patrol craft. In addition there are a number of speedboats confiscated from smugglers and used for interception duties.



*GONG BIAN 3110*

0017755



*GONG BIAN SPEEDBOAT (T Hollingsbee)*

0056809

## Intelligence ship

**Date Posted:** 01-Feb-2018

**Publication:** Jane's Fighting Ships

(AGI)

**IN SERVICE:** 1

**ARCHIVED**

### Fleetlist

No
412
Intelligence ship

Dimensions and weights	
<b>Length</b>	
overall:	105.0 m (344.5 ft)
<b>Machinery:</b>	
<b>Firepower</b>	
<b>Radar:</b>	To be announced.

**Comment:** Also known as *Hai Yang 12*.

## Jiangdao (Type 056/056A) class

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

(FSGHM)

Jiangdao	(Type	056)
IN	SERVICE:	22
Jiangdao	(Type	056A)
IN	SERVICE:	28
<b>BUILDING: 22</b>		

**UPDATED**

### Fleetlist

ship names	No	Builders	Laid down	Launched	Commissioned
Bengbu	582	/ Hudong-Zhonghua Shipyard , Shanghai	2010	23 May 2012	12 Mar 2013
Huizhou	596	/ Huangpu Shipyard , Guangzhou	2010	3 Jun 2012	1 Jul 2013
Meizhou	584	/ Wuchang Shipyard , Wuhan	2010	31 Jul 2012	29 Jul 2013
Datong	580	/ Liaonan Shipyard , Lushun	2011	10 Aug 2012	18 May 2013
Shangrao	583	/ Hudong-Zhonghua Shipyard , Shanghai	2011	19 Aug 2012	10 Jun 2013

Qinzhou	597	/ Huangpu Shipyard , Guangzhou	2011	30 Aug 2012	1 Jul 2013
Baise	585	/ Wuchang Shipyard , Wuhan	2011	25 Oct 2012	12 Oct 2013
Yingkou	581	/ Liaonan Shipyard , Lushun	2012	18 Nov 2012	1 Aug 2013
Jieyang	587	/ Huangpu Shipyard , Guangzhou	2012	28 Jan 2013	26 Jan 2014
Ji'an	586	/ Hudong-Zhonghua Shipyard , Shanghai	2012	25 Feb 2013	8 Jan 2014
Qingyuan	589	/ Huangpu Shipyard , Guangzhou	2012	30 May 2013	11 Jun 2014
Quanzhou	588	/ Hudong-Zhonghua Shipyard , Shanghai	2012	25 Jun 2013	8 Aug 2014
Luzhou	592	/ Wuchang Shipyard , Wuhan	2012	16 Jul 2013	7 Jun 2014
Weihai	590	/ Liaonan Shipyard , Lushun	2012	1 Aug 2013	15 Mar 2014
Fushun	591	/ Liaonan Shipyard , Lushun	2012	1 Aug 2013	11 Jul 2014
Chaozhou	595	/ Wuchang Shipyard , Wuhan	2013	14 Nov 2013	28 Nov 2014
Sanmenxia	593	/ Hudong-Zhonghua Shipyard , Shanghai	2013	20 Nov 2013	13 Nov 2014
Zhuzhou	594	/ Huangpu Shipyard , Guangzhou	2013	30 Nov 2013	28 Nov 2014
Xinyang	501	/ Liaonan Shipyard , Lushun	2013	1 May 2014	7 Mar 2015
Huangshi	502	/ Hudong-Zhonghua Shipyard , Shanghai	2013	16 May 2014	6 May 2015
Suzhou	503	/ Wuchang Shipyard , Wuhan	2013	17 May 2014	11 Feb 2015
Suqian	504	/ Huangpu Shipyard , Guangzhou	2013	29 Jun 2014	20 Jul 2015

Qinhuangdao	505	/ Hudong-Zhonghua Shipyard , Shanghai	2013	11 Oct 2014	16 Oct 2015
Jingmen	506	/ Huangpu Shipyard , Guangzhou	2014	25 Dec 2014	25 Jan 2016
Tongren	507	/ Hudong-Zhonghua Shipyard , Shanghai	2014	19 Mar 2015	20 Feb 2016
Heze	512	/ Liaonan Shipyard , Lushun	2014	7 Jul 2015	12 Dec 2016
Qujing	508	/ Huangpu Shipyard , Guangzhou	2014	16 Jul 2015	8 Jun 2016
Huai'an	509	/ Hudong-Zhonghua Shipyard , Shanghai	2014	15 Aug 2015	11 Aug 2016
Ningde	510	/ Huangpu Shipyard , Guangzhou	2014	24 Oct 2015	28 Dec 2016
Baoding	511	/ Wuchang Shipyard , Wuhan	2014	22 Oct 2015	12 Dec 2016
Ezhou	513	/ Hudong-Zhonghua Shipyard , Shanghai	2014	25 Dec 2015	18 Jan 2017
Liupanshui	514	/ Huangpu Shipyard , Guangzhou	2015	31 Mar 2016	31 Mar 2017
Yiwu	518	/ Hudong-Zhonghua Shipyard , Shanghai	2014	20 May 2016	21 Jul 2017
Hanzhong	520	/ Huangpu Shipyard , Guangzhou	2015	22 Jul 2016	11 Jul 2017
Xuancheng	535	/ Wuhan Shipyard , Wuhan	2015	19 Aug 2016	25 Sep 2017
Yichun	556	/ Hudong-Zhonghua Shipyard , Shanghai	2015	7 Sep 2016	16 Oct 2017
Wuhai	540	/ Liaonan Shipyard , Lushun	2015	14 Sep 2016	15 Jan 2018
Zhangye	541	/ Liaonan Shipyard , Lushun	2015	14 Sep 2016	Apr 2018
Suining	551	/ Wuchang Shipyard , Wuhan	2015	3 Oct 2016	28 Nov 2017

Guangyuan	552	/ Huangpu Shipyard , Guangzhou	2015	28 Oct 2016	16 Nov 2017
Deyang	554	/ Hudong-Zhonghua Shipyard , Shanghai	2015	29 Dec 2016	19 Jan 2018
Nanchong	557	/ Wuchang Shipyard , Wuhan	2016	21 Jan 2017	1 Jun 2018
Shuozhou	610	/ Hudong-Zhonghua Shipyard , Shanghai	2016	26 Jul 2017	10 Dec 2019
Liaocheng	608	/ Hudong-Zhonghua Shipyard , Shanghai	2017	21 Dec 2017	18 Jan 2020
Bazhong	625	/ Huangpu Shipyard , Guangzhou	2017	2 Mar 2018	5 Nov 2019
Lu'an	611	/ Hudong-Zhonghua Shipyard , Shanghai	2017	17 Mar 2018	18 Jan 2020
Dingzhou	603	/ Liaonan Shipyard , Lushun	2017	29 Apr 2018	
Mudanjiang	604	/ Liaonan Shipyard , Lushun	2017	29 Apr 2018	
Xiaogan	616	/ Hudong-Zhonghua Shipyard , Shanghai	2017	16 May 2018	
Wuzhou	626	/ Huangpu Shipyard , Guangzhou	2017	8 Aug 2018	29 Dec 2019
Panzhihua	621	/ Wuchang Shipyard , Wuhan	2017	27 Aug 2018	10 Jan 2020
Jingdezhen	617	/ Hudong-Zhonghua Shipyard , Shanghai	2018	12 Sep 2018	
Wenshan	623	/ Huangpu Shipyard , Guangzhou	2018	11 Dec 2018	31 Dec 2019
Zhangjiakou	605	/ Liaonan Shipyard , Lushun	2018	15 Jan 2019	
Dongying	606	/ Liaonan Shipyard , Lushun	2018	15 Jan 2019	
Enshi	627	/ Huangpu Shipyard , Guangzhou	2018	7 Mar 2019	

Ganzhou	620	/ Wuchang Shipyard , Wuhan	22 Jan 2019	10 Jan 2020
Shangqiu		/ Hudong-Zhonghua Shipyard , Shanghai	5 Jul 2019	
Tongling		/ Huangpu Shipyard , Guangzhou	15 Jul 2019	
Aba	630	/ Huangpu Shipyard , Guangzhou	30 Dec 2019	
<b>Jiangdao (Type 056), Jiangdao (Type 056A)</b>				
<b>Dimensions and weights</b>				
<b>Displacement</b>				
full load:		1500 tonnes (1476.3 (uk) t) (1653.5 t (short)) (1500000 kg)		
<b>Length</b>				
overall:		89.0 m (292.0 ft)		
<b>Beam</b>				
overall:		11.6 m (38.1 ft)		
<b>Draught</b>				
hull:		4.4 m (14.4 ft)		
<b>Performance</b>				
<b>Speed</b>				
top speed:		25 kt (46.3 km/h) (28.8 mph)		
<b>Range</b>				
standard:		3500 n miles (6482.0 km) (4027.7 miles) at 16 kt (29.6 km/h) (18.4 mph)		
<b>Capacity</b>				
<b>Complement</b>				
military				

crew:	60
officers:	18
<b>Machinery:</b>	2 diesels; 2 shafts; cp props
<b>Firepower</b>	
<b>Missiles:</b>	<p>Four slant-mounted containerised missile launchers [Ref 1], containing either:</p> <p><b>SSM:</b> 4 YJ-83 (CSS-N-8 Saccade) (2 twin); inertial guidance and active radar terminal homing to 180 km (97.2 n miles) at Mach 0.9; warhead 165 or 190 kg; sea-skimmer [Ref 1] or</p> <p><b>ASW:</b> 4 ASROC-type torpedo-carrying missiles (possibly canister launched version of Cy-5 or Yu-8 derivative).</p> <p><b>SAM:</b> 1 HHQ-10 8-cell launcher [Ref 2]; passive IR/anti-radiation homing to 9.0 km (4.9 n miles).</p>
<b>Guns:</b>	1 H/PJ-26 76 mm/59 (AK-176); 120 rds/min to 15 km (8.1 n miles); weight of shell 5.9 kg [Ref 3]. 2 H/PJ-17 30 mm; 350 rds/min to 3 km (1.6 n miles) [Ref 4]. 2-12.7 mm or 14.5 mm machine guns (Hong Kong-based ships).
<b>Torpedoes:</b>	6-324 mm (2 triple) tubes; Yu-7; active/passive homing to 14 km (7.6 n miles) at 43 kt; thermal; warhead 45 kg.
<b>Physical countermeasures:</b>	<b>Decoys:</b> 2 9-barrelled launchers
<b>Electronic countermeasures:</b>	<b>ESM:</b> To be announced.
<b>Radars:</b>	<p><b>Air/surface search:</b> Type 364 (Seagull C 5) [Ref 5]; G-band.</p> <p><b>Navigation:</b> Type 760; I-band [Ref 6].</p> <p><b>Fire control:</b> Type 347G (LR66) [Ref 7]; I-band.</p>
<b>Sonars:</b>	Bow mounted. VDS and SJG-206 towed array (ASW variant).
<b>Combat data systems:</b>	ZKJ-5 II Combat Command System. SATCOM.
<b>Electro-optic systems:</b>	IR-17 optronic sensor.
<b>Helicopters:</b>	Platform for 1 Z-9C/D.
<b>Programmes:</b>	Indications of a new corvette design emerged in November 2010. The design is broadly based on the Pattani-class corvette, built for Thailand in 2005-06. Series production at four shipyards. A large class was expected to consolidate replacement of older classes such as the Jianghu-class frigates and Houxin-class attack craft. More than 70 had been launched by early 2020.

**Modernisation:** Variants: An ASW variant (Type 056A) equipped with towed array and variable depth sonar (VDS) appeared in November 2013.

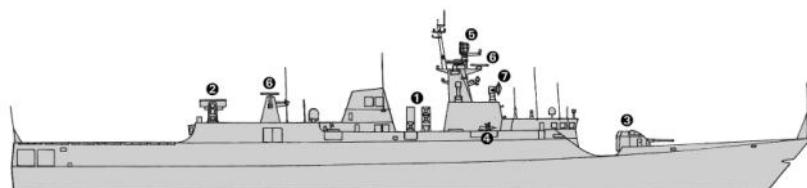
**Operational:** Basing: North Sea Fleet: 501, 502, 505, 540, 580, 581, 590, 591, and 608. East Sea Fleet: 503, 507, 509, 510, 512, 511, 512, 513, 518, 535, 554, 556, 582, 583, 586, 587, 588, 593, 594, 595, 610, and 611. South Sea Fleet: 504, 506, 508, 514, 520, 551, 552, 557, 584, 585, 589, 592, 620, 621, 623 and 625. Hong Kong: 596 and 597.

**Sales:** Four modified ships (C13B) for Bangladesh launched in 2014-18 and two more lightly armed variants (P18N class) to Nigeria in 2014.



*BENGBU (Ships of the World)*

1629688



*TYPE 056 (Ian Sturton)*

1707323



*TYPE 056A (Kürsener Collection)*

1292175

# Jianghu (Type 053H) class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships  
**(WPSO)**

**IN SERVICE:** 1

***ARCHIVED***

## Fleetlist

ship names	No
Haijing 46103 (ex-Shaoxing)	(ex-1003)
<b>Jianghu</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
standard:	1448 tonnes (1425.1 (uk) t) (1596.1 t (short)) (1448000 kg)
full load:	1729 tonnes (1701.7 (uk) t) (1905.9 t (short)) (1729000 kg)
<b>Length</b>	
overall:	103.2 m (338.6 ft)
<b>Beam</b>	
overall:	10.8 m (35.4 ft)
<b>Draught</b>	
hull:	3.1 m (10.2 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	26 kt (48.2 km/h) (29.9 mph)
<b>Range</b>	
standard:	4000 n miles (7408.0 km) (4603.1 miles) at 15 kt (27.8 km/h) (17.3 mph)

<b>Machinery:</b>	2 Type 12E 390V diesels; 14,400 hp(m) (10.6 MW) sustained; 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	1-37 mm. 4-14.5 (2 twin) MGs.
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Two former Jianghu-class frigates transferred from the PLAN to the Coast Guard in March 2007 and recommissioned in July 2007. The ships were originally built in the 1970s. Modifications to the ships include removal of all the previous missile and gun armament and changes to the superstructure to include an upper deck at 01-deck level and two sets of davits aft for high-speed interception craft. The new armament includes a single-barrel 37 mm gun forward and two twin 14.5 mm machine guns aft of the funnel. There are also two water cannons forward. *Haijing 44102* (ex-510) was decommissioned on 31 May 2016, and the final unit is also reported to have been decommissioned in 2016.

## Jianghu I/I Upgrade (Type 053H1/053H1G) class

**Date Posted:** 09-Sep-2019

**Publication:** Jane's Fighting Ships

(FFG)

<b>Jianghu</b>	<b>I</b>
IN	3
<b>Jianghu</b>	<b>Upgrade</b>
<b>IN SERVICE: 6</b>	

**UPDATED**

### Fleetlist

ship names	No
Dandong	543
Shaoguan	553
Zhaotong	555
Beihai	558
Foshan	559

Dongguan	560
Shantou	561
Jiangmen	562
Zhaoqing	563
<b>Jianghu I, Jianghu I Upgrade</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
standard:	1448 tonnes (1425.1 (uk) t) (1596.1 t (short)) (1448000 kg)
full load:	1729 tonnes (1701.7 (uk) t) (1905.9 t (short)) (1729000 kg)
<b>Length</b>	
overall:	103.2 m (338.6 ft)
<b>Beam</b>	
overall:	10.8 m (35.4 ft)
<b>Draught</b>	
hull:	3.1 m (10.2 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	26 kt (48.2 km/h) (29.9 mph)
<b>Range</b>	
standard:	4000 n miles (7408.0 km) (4603.1 miles) at 15 kt (27.8 km/h) (17.3 mph) 2700 n miles (5000.4 km) (3107.1 miles) at 18 kt (33.3 km/h) (20.7 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	

crew:	200
officers:	30
<b>Machinery:</b>	2 Type 12E 390V diesels; 14,400 hp(m) (10.6 MW) sustained; 2 shafts
<b>Firepower</b>	
<b>Missiles:</b>	<b>SSM:</b> 4 HY-2 (CSSC-3 Seersucker) [Ref 1]; inertial guidance and active radar or IR homing to 95 km (51 n miles) at Mach 0.9; warhead 513 kg.
<b>Guns:</b>	2 or 4 China 100 mm/56 (2 single [Ref 2] or 2 twin [Ref 3]); 25 rds/min to 22 km (12 n miles); weight of shell 15.6 kg. 12 China 37 mm/63 (6 twin) [Ref 4] (8 (4 twin), in some); 180 rds/min to 8.5 km (4.6 n miles) anti-aircraft; weight of shell 1.42 kg.
<b>A/S Mortars:</b>	RPS Uragan system; 2 RBU-1200 5-barrel launchers [Ref 5]; RGB-12 rocket-propelled depth charges; range 400-1,200 m; depth 15-350 m; warhead 30 kg.
<b>Mines:</b>	Can carry up to 60.
<b>Depth charges:</b>	2 BMB-2 projectors; 2 racks (in some).
<b>Physical countermeasures:</b>	<b>Decoys:</b> 2 RBOC Mk 33 6-barrelled chaff launchers or 2 China 26-barrelled launchers.
<b>Electronic countermeasures:</b>	<b>ESM:</b> Jug Pair or Watchdog; radar warning.
<b>Radars:</b>	<b>Air search:</b> Type 517 (Knife Rest) [Ref 7]; A-band. <b>Air/surface search:</b> Type 354 (MX 902) (Eye Shield) [Ref 8]; G-band. Type (unknown) [Ref 9]; I-band. <b>Surface search/fire control:</b> Type 352 (Square Tie) [Ref 10]; I-band. <b>Navigation:</b> Don 2 or Fin Curve or Racal Decca; I-band. <b>Fire control:</b> Type 347G (Rice Bowl) (in some) [Ref 11]; I/J-band. Type 343 (Wok Won) (Wasp Head) (in some) [Ref 12]; I-band. <b>IFF:</b> High Pole A. Yard Rake or Square Head.
<b>Sonars:</b>	Echo Type 5; hull-mounted; active search and attack; medium frequency.
<b>Weapon control systems:</b>	Wok Won director (in some).
<b>Programmes:</b>	All built in Shanghai starting in the mid-1970s at the Hudong, Jiangnan and Huangpu shipyards. Ships were completed and entered service from the early-1980s in the following order: 543, 553, 555, 558, 560, 561, 559, 562, and 563. The last of class 563 completed in February 1996.

**Modernisation:** Equipment varies considerably from ship to ship. Type 053H1 (Jianghu I) ships are equipped with twin 100 mm guns and SJD-5 (Echo 5) sonar. Type 053H1G (Jianghu I Upgrade) ships are equipped with 37 mm enclosed gun mounts. A larger bridge structure suggests a possible CIC compartment. The designation of the Air/Surface search radar in Type 053H1G is not known but it bears similarities to the I-band MR-36A. 560 reportedly completed a refit in 2010; modifications included replacement of the 100 mm twin mounting with a modern mounting and HY-2 missiles with YJ-83.

**Structure:** All of the class have the same hull dimensions.

**Operational:** Basing: 558 and 559 in East Sea Fleet; 533, 534, 543, 545, 553, 555, 560-563 in South Sea Fleet. 513 transferred to University of Naval Engineering. 533, 534, and 545 were decommissioned in July 2019.

**Sales:** From the original class, *Xiangtan* 556 was transferred to Bangladesh in November 1989; *Anshun* 554 and *Jishou* 557 were transferred to Myanmar in 2012.



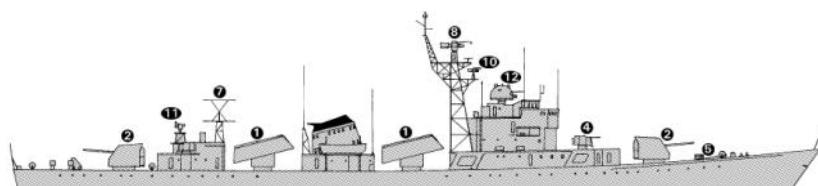
TYPE 053H1 (JIANGHU I) (TAIZHOU) SILHOUETTE (Ian Sturton)

1153097



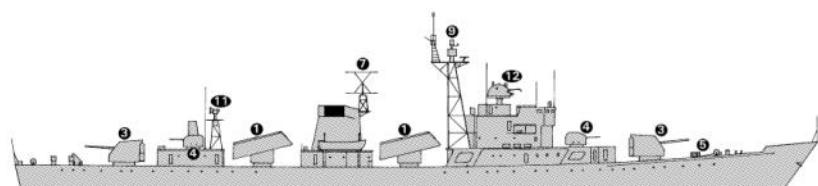
TYPE 053H1G (JIANGHU I UPGRADE) (DONGGUAN) SILHOUETTE (Ian Sturton)

1153072



TYPE 053H1 (JIANGHU I) (DANDONG) (Ian Sturton)

1717638



TYPE 053H1G (JIANGHU I UPGRADE) (DONGGUAN) (Ian Sturton)

0130727



*JIANGHU I (Jurg Kürsener)*

1406550

## Jianghu III (Type 053H2) class

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships  
(FFG)

**IN SERVICE:** 1

***UPDATED***

### Fleetlist

ship names	No	Builders	Launched	Commissioned
Cangzhou (ex-Zhoushan)	537	/ Hudong-Zhonghua Shipyard	30 Oct 1989	17 Nov 1990
<b>Jianghu III</b>				

### Dimensions and weights

### Displacement

full load: 1955 tonnes (1924.1 (uk) t) (2155.0 t (short)) (1955000 kg)

### Length

overall: 103.2 m (338.6 ft)

### Beam

overall: 10.8 m (35.4 ft)

### Draught

hull:	3.1 m (10.2 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	26 kt (48.2 km/h) (29.9 mph)
<b>Range</b>	
standard:	4000 n miles (7408.0 km) (4603.1 miles) at 15 kt (27.8 km/h) (17.3 mph) 2700 n miles (5000.4 km) (3107.1 miles) at 18 kt (33.3 km/h) (20.7 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	130
<b>Machinery:</b>	2 Type 18E 390V diesels; 14,400 hp(m) (10.6 MW) sustained; 2 shafts
<b>Firepower</b>	
<b>Missiles:</b>	<b>SSM:</b> 8 YJ-83 (CSS-N-8 Saccade) (2 quad) [Ref 1]; inertial guidance and active radar terminal homing to 180 km (97.2 n miles) at Mach 0.9; warhead 165 or 190 kg; sea-skimmer.
<b>Guns:</b>	4 H/PJ-87 100 mm/56 (2 twin) [Ref 2]; 25 rds/min to 22 km (12 n miles); weight of shell 15.6 kg. 8-37 mm/63 (4 twin) [Ref 3]; 180 rds/min to 8.5 km (4.6 n miles) anti-aircraft; weight of shell 1.42 kg.
<b>A/S Mortars:</b>	RPS Uragan system; 2 RBU-1200 5-barrel launchers [Ref 4]; RGB-12 rocket-propelled depth charges; range 400-1,200 m; depth 15-350 m; warhead 30 kg.
<b>Mines:</b>	Can carry up to 60.
<b>Depth charges:</b>	2 BMB-2 projectors; 2 racks.
<b>Physical countermeasures:</b>	<b>Decoys:</b> 2 China 26-barrelled chaff launchers.
<b>Electronic countermeasures:</b>	<b>ESM:</b> Elettronica Newton; radar warning. <b>ECM:</b> Elettronica 929 (Type 981); jammer.

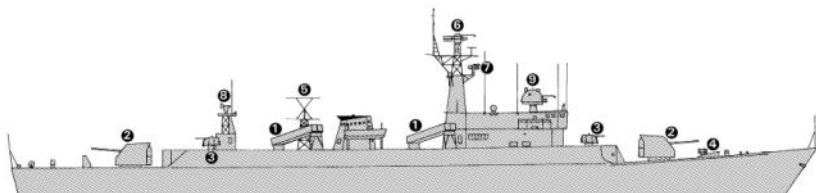
<b>Radar:</b>	<b>Air search:</b> Type 517 (Knife Rest) [Ref 5]; A-band. <b>Air/surface search:</b> Type 354 (Eye Shield) [Ref 6]; G-band. <b>Surface search/fire control:</b> Type 352 (Square Tie) [Ref 7]; I-band. <b>Navigation:</b> Fin Curve; I-band. <b>Fire control:</b> Type 347G (Rice Bowl) [Ref 8]; I/J-band. Type 343G (Wok Won) [Ref 9]; I-band. <b>IFF:</b> High Pole A. Square Head.
<b>Sonars:</b>	Echo Type 5; hull-mounted; active search and attack; medium frequency.
<b>Combat data systems:</b>	ZKJ-3.

**Programmes:** A further development of the Type 053 Jianghu-class. This sub-class consisted of three ships, which were the first to be equipped with a computerised combat system, of which only *Cangzhou* remains in PLAN service.

**Structure:** The main deck is higher in the midships section and the lower part of the mast is solid. The arrangement of the launchers is side by side, as opposed to the staggered pairings in the first two ships. These were the first all-enclosed, air-conditioned ships built in China.

**Operational:** Based in East Sea Fleet at Dinghai.

**Sales:** Four modified Type III to Thailand in 1991-92. *Wuhu* and *Huangshi* were decommissioned on 27 April 2013 and transferred to Bangladesh in 2014.



*CANGZHOU* (Ian Sturton)

0130726



*CANGZHOU* (*Ships of the World*)

0056766



*JIANGHU III CLASS SILHOUETTE (Ian Sturton)*

1153093

## Jianghu IV (Type 053HTH)

**Date Posted:** 10-Sep-2019

**Publication:** Jane's Fighting Ships  
(FFGH/AXH)

**IN SERVICE:** 1

***ARCHIVED***

### Fleetlist

ship names	Builders	Laid down	Launched	Commissioned
Lushun (ex-Siping)	/ Hudong Shipyard , Shanghai	1984	Sep 1985	Nov 1986
<b>Jianghu IV</b>				

### Dimensions and weights

#### Displacement

standard: 1575 tonnes (1550.1 (uk) t) (1736.1 t (short)) (1575000 kg)

full load: 1895 tonnes (1865.1 (uk) t) (2088.9 t (short)) (1895000 kg)

#### Length

overall: 103.2 m (338.6 ft)

#### Beam

overall: 10.8 m (35.4 ft)

#### Draught

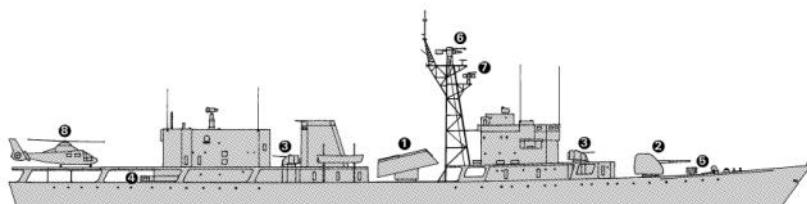
hull:	3.1 m (10.2 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	26 kt (48.2 km/h) (29.9 mph)
<b>Range</b>	
standard:	4000 n miles (7408.0 km) (4603.1 miles) at 15 kt (27.8 km/h) (17.3 mph) 2700 n miles (5000.4 km) (3107.1 miles) at 18 kt (33.3 km/h) (20.7 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	185
officers:	30
<b>Machinery:</b>	2 Type 12E 390V diesels; 14,400 hp(m) (10.6 MW) sustained; 2 shafts
<b>Firepower</b>	
<b>Missiles:</b>	<b>SSM:</b> 2 HY-2 (CSSC-3 Seersucker) (twin) launchers [Ref 1]; active radar or IR homing to 95 km (51 n miles) at Mach 0.9; warhead 513 kg.
<b>Guns:</b>	1 Creusot-Loire 100 mm/55 [Ref 2]; 60-80 rds/min to 17 km (9.3 n miles); weight of shell 13.5 kg. 8-37 mm/63 (4 twin) [Ref 3]; 180 rds/min to 8.5 km (4.6 n miles) anti-aircraft; weight of shell 1.42 kg.
<b>Torpedoes:</b>	6-324 mm ILAS (2 triple) tubes [Ref 4]. Yu-7 active/passive homing to 14 km (7.6 n miles) at 43 kt; warhead 45 kg.
<b>A/S Mortars:</b>	RPS Uragan system; 2 RBU-1200 5-barrel launchers [Ref 5]; RGB-12 rocket-propelled depth charges; range 400-1,200 m; depth 15-350 m; warhead 30 kg.
<b>Physical countermeasures:</b>	<b>Decoys:</b> 2 SRBOC Mk 33 6-barrelled chaff launchers or 2 China 26-barrelled launchers.
<b>Electronic countermeasures:</b>	<b>ESM:</b> Jug Pair or Watchdog; radar warning.

<b>Radar:</b>	<b>Air/surface search:</b> Type 354 (Eye Shield) [Ref 6]; G-band. <b>Surface search/fire control:</b> Type 352 (Square Tie) [Ref 7]; I-band. <b>Navigation:</b> Don 2 or Fin Curve; I-band. <b>IFF:</b> High Pole A. Yard Rake or Square Head.
<b>Sonars:</b>	Echo Type 5; hull-mounted; active search and attack; medium frequency.
<b>Weapon control systems:</b>	CSEE Naja optronic director for 100 mm gun.
<b>Helicopters:</b>	1 Z-9C [Ref 8].

**Programmes:** Built as a standard Jianghu I and then converted, probably as a helicopter trials ship for the Luhu and Jiangwei classes, before being commissioned.

**Structure:** The after part of the ship has been rebuilt to take a hangar and flight deck for a single helicopter. Alcatel 'Safecopter' landing aid. This ship also has a French 100 mm gun and optronic director, and Italian triple torpedo tubes mounted on the quarterdeck.

**Operational:** Based in North Sea Fleet at Guzhen Bay. Formally changed to a new role as training ship for Dalian Naval Academy on 28 July 2010.



LUSHUN (*Ian Sturton*)

0572397



LUSHUN

0569166



LUSHUN SILHOUETTE (*Ian Sturton*)

1153094

# Jiangkai I (Type 054) class

**Date Posted:** 08-Nov-2019

**Publication:** Jane's Fighting Ships  
**(FFGHM)**

**IN SERVICE:** 2

**UPDATED**

## Fleetlist

<b>ship names</b>	<b>No</b>	<b>Builders</b>	<b>Laid down</b>	<b>Launched</b>	<b>Commissioned</b>
Ma'anshan	525	/ Hudong-Zhonghua Shipyard , Shanghai	Dec 2001	11 Sep 2003	18 Feb 2005
Wenzhou	526	/ Huangpu Shipyard , Guangzhou	Feb 2002	30 Nov 2003	26 Sep 2005
<b>Jiangkai I</b>					

## Dimensions and weights

### Displacement

standard: 3556 tonnes (3499.8 (uk) t) (3919.8 t (short)) (3556000 kg)

full load: 3963 tonnes (3900.4 (uk) t) (4368.5 t (short)) (3963000 kg)

### Length

overall: 132 m (433.1 ft)

### Beam

overall: 15 m (49.2 ft)

### Draught

hull: 5.0 m (16.4 ft)

### Performance

### Speed

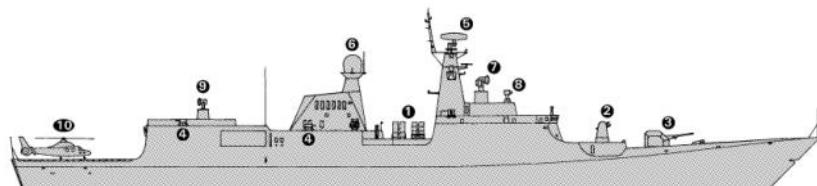
top speed: 27 kt (50.0 km/h) (31.1 mph)

<b>Range</b>	
standard:	3800 n miles (7037.6 km) (4373.0 miles) at 18 kt (33.3 km/h) (20.7 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	190
<b>Machinery:</b>	CODAD; 4 Shaanxi SEMT-Pielstick 16PA6V-280 STC diesels; 2 shafts
<b>Firepower</b>	
<b>Missiles:</b>	<b>SSM:</b> 8 YJ-83 (CSS-N-8 Saccade) (2 quad) [Ref 1]; inertial guidance and active radar terminal homing to 180 km (97.2 n miles) at Mach 0.9; warhead 165 or 190 kg; sea-skimmer. <b>SAM:</b> 1 HHQ-7 (CSA-N-4) octuple launcher; CSA-N-4 [Ref 2]; line-of-sight guidance to 12 km (6.5 n miles) at Mach 2.4; altitude up to 5,000 m (16,404 ft); warhead 15 kg.
<b>Guns:</b>	1 H/PJ-87 100 mm [Ref 3]; 25 rds/min to 22 km (11.9 n miles); weight of shell 15.6 kg. 4 Type 630 30 mm/65 [Ref 4]; 6 barrels per mounting; 3,000 rds/min combined to 4 km (2.2 n miles); weight of shell 0.39 kg.
<b>Torpedoes:</b>	6-324 mm Type 7424 (2 triple) tubes; Yu-7 active/passive homing to 14 km (7.6 n miles) at 42 kt; thermal; warhead 45 kg.
<b>A/S Mortars:</b>	2 Type 87; 6-barrelled fixed launchers; range 1,200 m; warhead 34 kg.
<b>Physical countermeasures:</b>	<b>Decoys:</b> 2 Type 726-4 18-barrelled 122 mm chaff launchers.
<b>Radar:</b>	<b>Air/surface search:</b> Type 360 (Seagull S) [Ref 5]; E/F-band. <b>Surface search:</b> Type 364 (Seagull C) [Ref 6]; G-band. <b>Fire control:</b> Type 344 (MR 34) [Ref 7]; I-band (for SSM and 100 mm). Type 345 [Ref 8]; I/J-band (for HQ-7). Type 347G(1) (Rice Bowl) [Ref 9]; I-band (for AK-630). <b>Navigation:</b> RM-1290; I-band.
<b>Sonars:</b>	SJD-8/9 (DUBV 23); hull mounted; active search and attack; medium frequency.
<b>Combat data systems:</b>	To be announced.
<b>Helicopters:</b>	1 Z-9C [Ref 10].

**Programmes:** General-purpose frigate class, which followed the Jiangwei II class. Only two ships built before significant upgrade with emergence of Jiangkai II (Type 054A), including installation of vertical launch missile system.

**Structure:** Design incorporates stealth features.

**Operational:** Both ships have been deployed on counter-piracy operations. Based in the East Sea Fleet.



MA'ANSHAN (*Ian Sturton*)

1164338



WENZHOU (*Ships of the World*)

1167734



WENZHOU (*Ships of the World*)

1167733

## Jiangkai II (Type 054A) class

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**(FFGHM)****IN SERVICE: 30*****UPDATED*****Fleetlist**

<b>ship names</b>	<b>No</b>	<b>Builders</b>	<b>Laid down</b>	<b>Launched</b>	<b>Commissioned</b>
Xuzhou	530	/ Huangpu Shipyard , Guangzhou	2005	30 Sep 2006	27 Jan 2008
Zhoushan	529	/ Hudong-Zhonghua Shipyard , Shanghai	2006	21 Dec 2006	3 Jan 2008
Huangshan	570	/ Huangpu Shipyard , Guangzhou	2006	18 Mar 2007	13 May 2008
Hengyang	568	/ Hudong-Zhonghua Shipyard , Shanghai	2006	23 May 2007	30 Jun 2008
Yuncheng	571	/ Huangpu Shipyard , Guangzhou	2007	8 Feb 2009	27 Jan 2010
Yulin	569	/ Hudong-Zhonghua Shipyard , Shanghai	2007	28 Apr 2009	1 Feb 2010
Yiyang	548	/ Huangpu Shipyard , Guangzhou	2008	17 Nov 2009	26 Oct 2010
Changzhou	549	/ Hudong-Zhonghua Shipyard , Shanghai	Dec 2009	18 May 2010	30 May 2011
Yantai	538	/ Huangpu Shipyard , Guangzhou	2009	24 Aug 2010	30 Jul 2011
Yancheng	546	/ Hudong-Zhonghua Shipyard , Shanghai	2010	27 Apr 2011	5 Jun 2012
Hengshui	572	/ Huangpu Shipyard , Guangzhou	2010	21 May 2011	9 Jul 2012
Liuzhou	573	/ Hudong-Zhonghua Shipyard , Shanghai	2011	10 Dec 2011	26 Dec 2012
Linyi	547	/ Huangpu Shipyard , Guangzhou	2011	13 Dec 2011	22 Nov 2012
Yueyang	575	/ Huangpu Shipyard , Guangzhou	2011	9 May 2012	3 May 2013

Weifang	550	/ Hudong-Zhonghua Shipyard , Shanghai	2011	9 Jul 2012	22 Jun 2013
Sanya	574	/ Hudong-Zhonghua Shipyard , Shanghai	2011	30 Nov 2012	13 Dec 2013
Huanggang	577	/ Hudong-Zhonghua Shipyard , Shanghai	2013	28 Apr 2013	16 Jan 2015
Daqing	576	/ Huangpu Shipyard , Guangzhou	2012	8 Oct 2013	16 Jan 2015
Yangzhou	578	/ Hudong-Zhonghua Shipyard , Shanghai	2014	30 Sep 2013	21 Sep 2015
Handan	579	/ Huangpu Shipyard , Guangzhou	2014	26 Jul 2014	16 Aug 2016
Jingzhou	532	/ Hudong-Zhonghua Shipyard , Shanghai	2014	22 Jan 2015	5 Jan 2016
Xiangtan	531	/ Huangpu Shipyard , Guangzhou	2014	19 Mar 2015	24 Feb 2016
Binzhou	515	/ Hudong-Zhonghua Shipyard , Shanghai	2015	13 Dec 2015	29 Dec 2016
Xuchang	536	/ Huangpu Shipyard , Guangzhou	2015	30 May 2016	23 Jun 2017
Wuhu	539	/ Hudong-Zhonghua Shipyard , Shanghai	2015	8 Jun 2016	29 Jun 2017
Anyang	599	/ Hudong-Zhonghua Shipyard , Shanghai	2016	28 Mar 2017	Apr 2018
Rizhao	598	/ Huangpu Shipyard , Guangzhou	2016	1 Apr 2017	12 Jan 2018
Xianning	500	/ Huangpu Shipyard , Guangzhou	2016	22 Sep 2017	28 Aug 2018
Nantong	601	/ Hudong-Zhonghua Shipyard , Shanghai	2017	16 Dec 2017	23 Jan 2019
Zaozhuang	542	/ Huangpu Shipyard , Guangzhou	2017	30 Jun 2018	23 Feb 2019
<b>Jiangkai II</b>					

<b>Dimensions and weights</b>	
<b>Displacement</b>	
standard:	3556 tonnes (3499.8 (uk) t) (3919.8 t (short)) (3556000 kg)
full load:	3963 tonnes (3900.4 (uk) t) (4368.5 t (short)) (3963000 kg)
<b>Length</b>	
overall:	134.0 m (439.6 ft)
<b>Beam</b>	
overall:	16.0 m (52.5 ft)
<b>Draught</b>	
hull:	5.0 m (16.4 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	27 kt (50.0 km/h) (31.1 mph)
<b>Range</b>	
standard:	3800 n miles (7037.6 km) (4373.0 miles) at 18 kt (33.3 km/h) (20.7 mph)
<b>Machinery:</b>	CODAD; 4 Shaanxi SEMT-Pielstick 16PA6V-280 STC; 28,200 hp (20.7 MW); 2 shafts
<b>Firepower</b>	
<b>Missiles:</b>	<p><b>SSM:</b> 8 YJ-83 (CSS-N-8 Saccade) (2 quad) [Ref 1]; inertial guidance and active radar terminal homing to 180 km (97.2 n miles) at Mach 0.9; warhead 165 or 190 kg; sea-skimmer.</p> <p><b>SAM:</b> 32-cell VLS forward [Ref 2]; HHQ-16; inertial guidance with command updates and semi-active radar terminal homing 40 km (21.6 n miles) at Mach 4.5; warhead 70 kg.</p> <p><b>ASW:</b> CY-5/Yu-8 rocket-assisted ASW weapon; fired from VLS; missile range 30 km (16.2 n miles) at at Mach 0.9; payload Yu-11 with range 30 km (16.2 n miles) at 26 kt; 11 km (5.9 n miles) at 50 kt; thermal; warhead 45 kg; depth to 600 m (est).</p>

<b>Guns:</b>	1 H/PJ-26 76 mm/59 (AK-176); 120 rds/min to 15 km (8.1 n miles); weight of shell 5.9 kg [Ref 3]. 2 H/PJ-12 (Type 730A) 30 mm [Ref 4]; 7 barrels per mounting; 4,200 rds/min combined to 1.5 km or 2 H/PJ-11 (Type 1130) 30 mm; 11 barrels per mounting; 10,000 rds/min combined to 4 km (2.2 n miles).
<b>Torpedoes:</b>	6-324 mm Type 7424 (2 triple) tubes; Yu-7 active/passive homing to 14 km (7.6 n miles) at 42 kt; thermal; warhead 45 kg.
<b>A/S Mortars:</b>	2 Type 87; 6-barrelled fixed launchers; range 1,200 m; warhead 34 kg
<b>Physical countermeasures:</b>	<b>Decoys:</b> 2 Type 726 24-barrelled launchers.
<b>Radars:</b>	<p><b>Air search:</b> Fregat-MAE-3 (Top Plate) [Ref 6]; 3D; E/F-band.</p> <p><b>Air/surface search:</b> Type 364 (Seagull C) [Ref 7]; G-band.</p> <p><b>Fire control:</b> 4 Oreh (Front Dome) [Ref 8]; H/I-band for HHQ-16.</p> <p>Mineral-ME (Band Stand) [Ref 5]; I-band (for YJ-83). Type 344 (MR 34) [Ref 9]; I-band (for 76 mm gun). 2 Type 347G(2) (LR 66) [Ref 10]; I-band for Type 730.</p> <p><b>Navigation:</b> RM-1290; I-band.</p>
<b>Sonars:</b>	Hull mounted and towed array. Hull 18 (Daqing) and subsequent ships equipped with VDS.
<b>Combat data systems:</b>	To be announced.
<b>Weapon control systems:</b>	Mineral-ME (Band Stand) [Ref 5]; I-band; datalink for YJ-83.
<b>Helicopters:</b>	1 Z-9C [Ref 11].

- Programmes:** Follow-on ships to the two ships of the Jiangkai I class. The modified design includes a VLS launcher for the SAM system, as well as the rocket-assisted ASW weapon. Some 30 ships were launched in 2006-18, and production likely to switch to next-generation frigate, referred to as Type 054B.
- Structure:** Apertures were cut in the transoms of 576 and 577 at a late stage in build variable depth sonar (VDS). Subsequent ships also fitted.
- Operational:** Blue-water workhorse of the PLAN. Deployed on numerous counter-piracy operations and subsequent overseas port visits. *Linyi* (547) and *Weifang* (550) tasked with evacuating civilians from Aden in 2015. Basing: *Yantai*, *Yancheng*, *Linyi*, *Weifang*, *Daqing*, *Handan*, *Wuhu*, and *Rizhao* in the North Sea Fleet; *Zhoushan*, *Xuzhou*, *Yiyang*, *Changzhou*, *Huanggang*, *Yangzhou*, *Xiangtan*, *Jingzhou*, *Binzhou*, and *Anyang* in the East; *Huangshan*, *Hengyang*, *Yuncheng*, *Yulin*, *Hengshui*, *Liuzhou*, *Yueyang*, *Sanya*, *Xuchang*, and *Xianning* in the South.
- Sales:** Four ordered by Pakistan in 2017/18.



*DAQING* (Japan MoD)

1751481



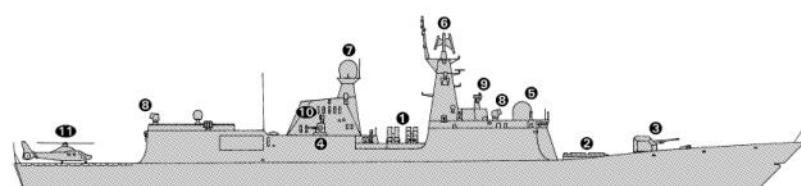
*YANGZHOU* (G Gyssels)

1292178



*HUANGSHAN* (John Mortimer)

1292179



*JIANGKAI II* (Ian Sturton)

1335659



*XUCHANG (Chris Sattler)*

1748573



*HUANGGANG (A A de Kruijf)*

1707406



*XIANGTAN (Michael Nitz)*

1693558



*BINZHOU (Jürg Kürsener)*

1292180

## Jiangwei I (Type 053 H2G) class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships  
(WPSOH)

**IN SERVICE: 3**

**UPDATED**

### Fleetlist

ship names	No	Builders	Laid down	Launched	Commissioned
Haijing 2203 (ex-Anqing)	(ex-Hai Jing 31239 , ex-539)	/ Hudong Shipyard , Shanghai	Nov 1990	Jul 1991	Dec 1991
Haijing 31240 (ex-Huainan)	(ex-540)	/ Hudong Shipyard , Shanghai	Jan 1991	Oct 1991	Jul 1992
Haijing 31241 (ex-Huaibei)	(ex-541)	/ Hudong Shipyard , Shanghai	Jul 1992	Apr 1993	Aug 1993
<b>Jiangwei I</b>					

<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	2286 tonnes (2249.9 (uk) t) (2519.9 t (short)) (2286000 kg)
<b>Length</b>	
overall:	111.7 m (366.5 ft)
<b>Beam</b>	
overall:	12.4 m (40.7 ft)
<b>Draught</b>	
hull:	4.8 m (15.7 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	27 kt (50.0 km/h) (31.1 mph)
<b>Range</b>	
standard:	4000 n miles (7408.0 km) (4603.1 miles) at 18 kt (33.3 km/h) (20.7 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	170
<b>Machinery:</b>	2 Type 18E 390 diesels; 24,000 hp(m) (17.65 MW) sustained; 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	8 Type 76A 37 mm/63 (4 twin); 180 rds/min to 8.5 km (4.6 n miles) anti-aircraft; weight of shell 1.42 kg.
<b>Radars:</b>	<b>Fire control:</b> Type 347G(1) (Rice Bowl); I/J-band (for 37 mm). <b>Navigation:</b> Racal Decca 1290; I-band.
<b>Helicopters:</b>	1 light utility.

**Comment:** Former Jiangwei I-class frigates transferred in 2015 from the PLA(N) to the Coast Guard. Modifications to the ships include removal of all former weapons and sensors except for the 37 mm guns and associated fire-control radar.



*HAIJING 2203 (Japan Coast Guard/Ships of the World)*

1763915

## Jiangwei II (Type 053H3) class

**Date Posted:** 02-Oct-2019

**Publication:** Jane's Fighting Ships

(FFGHM)

**IN SERVICE:** 8

**UPDATED**

### Fleetlist

ship names	No	Builders	Laid down	Launched	Commissioned
Putian	523	/ Hudong Shipyard , Shanghai	Jun 1997	10 Aug 1998	Oct 1999
Sanming	524	/ Hudong Shipyard , Shanghai	Dec 1997	Dec 1998	Nov 1999
Yichang	564	/ Huangpu Shipyard , Guangzhou	Dec 1997	Oct 1998	Dec 1999
Huludao (ex-Sanya , ex-Yulin)	565	/ Huangpu Shipyard , Guangzhou	May 1998	Apr 1999	Jul 2000
Huaihua (ex-Yuxi)	566	/ Hudong Shipyard , Shanghai	May 2000	Jan 2001	Mar 2002

Xiangfan	567	/ Huangpu Shipyard , Guangzhou	Mar 2001	Aug 2001	Sep 2002					
Luoyang	527	/ Hudong Shipyard , Shanghai	2003	1 Oct 2004	Jan 2005					
Mianyang	528	/ Huangpu Shipyard , Guangzhou	2003	30 May 2004	Oct 2004					
<b>Jiangwei II</b>										
<b>Dimensions and weights</b>										
<b>Displacement</b>										
full load:	2286 tonnes (2249.9 (uk) t) (2519.9 t (short)) (2286000 kg)									
<b>Length</b>										
overall:	111.7 m (366.5 ft)									
<b>Beam</b>										
overall:	12.4 m (40.7 ft)									
<b>Draught</b>										
hull:	4.8 m (15.7 ft)									
<b>Performance</b>										
<b>Speed</b>										
top speed:	27 kt (50.0 km/h) (31.1 mph)									
<b>Range</b>										
standard:	4000 n miles (7408.0 km) (4603.1 miles) at 18 kt (33.3 km/h) (20.7 mph)									
<b>Capacity</b>										
<b>Complement</b>										
military										
crew:	170									

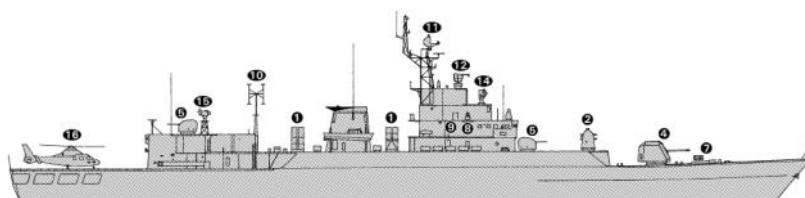
<b>Machinery:</b>	2 Type 18E 390 diesels; 24,000 hp(m) (17.65 MW) sustained; 2 shafts
<b>Firepower</b>	
<b>Missiles:</b>	<p><b>SSM:</b> 8 YJ-83K (CSS-N-8 Saccade) (2 quad) launchers [Ref 1]; inertial guidance and active radar homing to 200 km (108 n miles) at Mach 0.9; warhead 165 kg; sea-skimmer.</p> <p><b>SAM:</b> 1 HHQ-7 (CSA-N-4) octuple launcher (523-524, 527-528, 565, 567) [Ref 2]; line of sight guidance up to 12 km (6.5 n miles) at Mach 2.4; altitude up to 5,000 m (16,404 ft); warhead 15 kg. 1 HHQ-10 8-cell launcher (564, 566) [Ref 3]; passive IR/anti-radiation homing to 9.0 km (4.9 n miles).</p>
<b>Guns:</b>	<p>2 H/PJ-87 100 mm/56 (twin) [Ref 4]; 25 rds/min to 22 km (12 n miles); weight of shell 15.6 kg. 8 Type 76A 37 mm/63 (4 twin) (523-524, 527-528, 565, 567) [Ref 5]; 180 rds/min to 8.5 km (4.6 n miles) anti-aircraft; weight of shell 1.42 kg. 2 H/PJ-12 (Type 730A) 30 mm (564, 566) [Ref 6]; 7 barrels per mounting; 4,200 rds/min combined to 4 km (2.2 n miles).</p>
<b>A/S Mortars:</b>	2 Type 87 [Ref 7]; 6-barrelled fixed launchers; range 1,200 m; warhead 34 kg.
<b>Physical countermeasures:</b>	<b>Decoys:</b> 2 SRBOC Mk 36 6-barrelled chaff launchers [Ref 8]; 2 China 26-barrelled chaff launchers [Ref 9].
<b>Electronic countermeasures:</b>	<p><b>ESM:</b> SR-210; intercept.</p> <p><b>ECM:</b> 981-3 noise jammer. RWD-8 deception jammer.</p>
<b>Radars:</b>	<p><b>Air search:</b> Type 517B (Knife Rest) [Ref 10]; A-band.</p> <p><b>Air/surface search:</b> Type 360 (Seagull S) [Ref 11]; E/F-band.</p> <p><b>Fire control:</b> Type 343GA (523-524, 565, 567) [Ref 12]; Type 344 (MR 34) (527-528); I-band (for SSM and 100 mm). Type 344A (564, 566); I-band (for SSM and 100 mm) [Ref 13]; Type 345 [Ref 14]; I/J-band (for HHQ-7). Type 347G(1) (Rice Lamp) [Ref 15]; I/J-band (for 30/37 mm).</p> <p><b>Navigation:</b> 2 RM-1290; I-band.</p>
<b>Sonars:</b>	Echo Type 5; hull-mounted; active search and attack; medium frequency.
<b>Combat data systems:</b>	ZKJ 3C. SATCOM.
<b>Weapon control systems:</b>	JM-83H optronic director.
<b>Helicopters:</b>	1 Z-9C [Ref 16].
<b>Programmes:</b>	Follow-on to the Jiangwei class, building some four years later. The building programme appeared to have been terminated after eight ships but two further ships were subsequently built.

**Modernisation:** Upgrades of two ships, *Yichang* (564) and *Huaihua* (566), were completed in 2017. The scope of work included replacement of HHQ-7 SAM with HHQ-10, removal of the forward 37 mm mountings, replacement of the aft 37 mm mountings with two 7-barrelled 30 mm CIWS, installation of Type 344A fire-control radar, and a new unspecified EW system.

**Structure:** An improved SAM system, updated fire-control radars, and a redistribution of the after anti-aircraft guns are the obvious differences from the original Jiangwei.

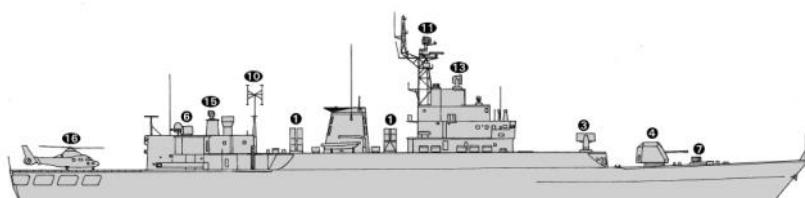
**Operational:** Basing: 564-565 in North Sea Fleet; 523-524, 566, and 567 in East Sea Fleet; 527 and 528 in South Sea Fleet.

**Sales:** Four modified designs built for Pakistan (F-22P/Sword class). 522 decommissioned in August 2019 and transferred to Bangladesh. Transfer also covers 521.



*JIANGWEI II (Ian Sturton)*

1717640



*JIANGWEI II MOD (Ian Sturton)*

1717639



*LUOYANG (Ships of the World)*

1366835



*SANMING (Ships of the World)*

1632215



*MIANYANG (Chris Sattler)*

1366772



*YICHANG (Japan MoD)*

1751485



*JIANGWEI II CLASS SILHOUETTE (Ian Sturton)*

1153074

## Jin class (Type 094)

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

(SSBN)

IN

SERVICE:

4

BUILDING: 2

**UPDATED**

### Fleetlist

ship names	No	Builders	Laid down	Launched	Commissioned
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Changzheng 09	409	/ Bohai Shipyard , Huludao	2001	28 Jul 2004	Mar 2007					
Changzheng 10	410	/ Bohai Shipyard , Huludao	2003	2006	2010					
Changzheng 11	411	/ Bohai Shipyard , Huludao	2004	Dec 2009	2012					
Changzheng 12	412	/ Bohai Shipyard , Huludao	2006	2011	2015					
<b>Jin</b>										
<b>Dimensions and weights</b>										
<b>Displacement</b>										
surfaced:	8000 tonnes (7873.7 (uk) t) (8818.5 t (short)) (8000000 kg)									
dived:	10000 tonnes (9842.1 (uk) t) (11023.1 t (short)) (10000000 kg)									
<b>Length</b>										
overall:	137.0 m (449.5 ft)									
<b>Beam</b>										
overall:	11.8 m (38.7 ft)									
<b>Draught</b>										
hull:	8.3 m (27.2 ft)									
<b>Capacity</b>										
<b>Complement</b>										
military										
crew:	140									
<b>Machinery:</b>	Nuclear: 2 PWR; 150 MW; 2 turbines; 1 shaft									
<b>Firepower</b>										
<b>Missiles:</b>	SLBM; 12 JL-2 (CSS-N-14); 3-stage solid-fuel rocket; inertial guidance with stellar and satellite reference updates to 7,400+ km (3,995+ n miles) single nuclear warhead of 1 MT or 3-4 MIRV of smaller selectable yield. CEP 300 m approximately.									

<b>Torpedoes:</b>	6-533 mm tubes; combination of Yu-3 II; active/passive homing to 13 km (7 n miles) at 35 kt; electric; warhead 205 kg; depth to 350 m and Yu-4B; wire-guided and active/passive homing to 15 km (8.1 n miles) at 40 kt; electric; warhead 309 kg.
<b>Electronic countermeasures:</b>	<b>Decoys:</b> ESM.
<b>Radars:</b>	<b>Surface search/navigation:</b> Type 359; I-band.
<b>Sonars:</b>	Hull mounted passive/active; flank arrays. Passive intercept array. Towed array.

**Programmes:** The first of class became operational as a submarine in mid-2007 and as an SSBN in 2014, based on reports that the JL-2 missile had entered operational service. There was a gap of several years between the launch of the fourth boat and the final pair, which were noted to be undergoing outfitting alongside from 2017 and 2018 respectively.

**Structure:** Likely to have significant commonality with the Type 093 (Shang-class) SSN, with the addition of a missile compartment midships, behind the fin. The raised casing structure encompasses the ballistic missile tubes. Hydrodynamic improvements appear to have been introduced progressively, including a more rounded shape to the forward part of the fin noted on one boat in 2016, and reduction of the number of openings in the casing on one boat, which participated in the April 2019 Fleet Review. Several boats have a tube above the upper rudder, which suggests they are equipped with a reelable towed array.

**Operational:** The boats are based at Yulin-Yalongwan on Hainan. The first operational deterrent patrol may have been conducted in 2016 but has not been confirmed.



*JIN CLASS (Source withheld)*

1700162



*JIN CLASS (Ships of the World)*

1748542

## Jingsha II (Type 722) class

**Date Posted:** 10-Jul-2015

**Publication:** Jane's Fighting Ships

**(HOVERCRAFT) (UCAC)**

**IN SERVICE:** 10

***ARCHIVED***

### **Fleetlist**

No
452
Jingsha II
<b>Dimensions and weights</b>
<b>Displacement</b>
standard: 71 tonnes (69.9 (uk) t) (78.3 t (short)) (71000 kg)
full load: 79 tonnes (77.8 (uk) t) (87.1 t (short)) (79000 kg)
<b>Length</b>
on cushion: 22 m (72.2 ft)
<b>Beam</b>
on cushion: 8 m (26.2 ft)
<b>Performance</b>

<b>Speed</b>	
top speed:	55 kt (101.9 km/h) (63.3 mph)
<b>Capacity</b>	
<b>Military lift:</b>	15 tons
<b>Machinery:</b>	2 propulsion motors; 2 lift motors
<b>Firepower</b>	
<b>Guns:</b>	4-14.5 mm (2 twin) MGs.

**Comment:** The prototype was built at Dagu in 1979. This may now have been scrapped and been superseded by this improved version which has a bow door for disembarkation. Numbers are uncertain.



*JINGSHA II (Ships of the World)*

0056783

## Jinyou class

**Date Posted:** 02-Nov-2018

**Publication:** Jane's Fighting Ships

(AWT)

**IN SERVICE:** 1

**ARCHIVED**

### Fleetlist

No
960

<b>Jinyou</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	4877 tonnes (4800.0 (uk) t) (5376.0 t (short)) (4877000 kg)
<b>Length</b>	
overall:	99.0 m (324.8 ft)
<b>Beam</b>	
overall:	31.8 m (104.3 ft)
<b>Draught</b>	
hull:	5.7 m (18.7 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	15 kt (27.8 km/h) (17.3 mph)
<b>Range</b>	
standard:	4000 n miles (7408.0 km) (4603.1 miles) at 10 kt (18.5 km/h) (11.5 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	40
<b>Machinery:</b>	1 SEMT-Pielstick 8PC2.2L diesel; 3,000 hp (2.24 MW); 1 shaft
<b>Firepower</b>	
<b>Radars:</b>	<b>Navigation:</b> I-band.

**Comment:** Built by Kanashashi Shipyard, Japan and entered service 1989-90. Based in the South Sea Fleet.

# Kamov Ka-28 Helix A/D

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**IN SERVICE:** 14/3

**UPDATED**

<b>Operational speed:</b>	135 kt (250 km/h).
<b>Service ceiling:</b>	19,685 ft (6,000 m).
<b>Range:</b>	432 n miles (800 km).
<b>Role/Weapon systems:</b>	ASW (Ka-28 PL) and SAR (Ka-28PS). Six ASW and three SAR aircraft acquired in late 90s. Further eight ASW aircraft procured in 2009. Operate from Type 052B/C/D and Sovremenny destroyers. Sensors: Splash Drop radar; VGS-3 dipping sonar; APM-73V MAD; ESM. Weapons: three torpedoes or depth bombs or mines.



*Ka-28 (Indian colours) (Michael Nitz)*

1649944

# Kamov Ka-31 Helix B.

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**IN SERVICE:** 9

**VERIFIED**

<b>Operational speed:</b>	119 kt (220 km/h).
<b>Service ceiling:</b>	11,480 ft (3,500 m).
<b>Range:</b>	325 n miles (600 km).
<b>Role/Weapon systems:</b>	Airborne early warning (AEW). Batch of nine aircraft delivered by mid-2011. Primarily operate from Type 052B/C/D and Sovremenny destroyers. Interim capability for fleet protection prior to future carrier-borne fixed-wing AEW. E-801M Oko early warning radar, detection out to 200 km.



*Ka-31 (Indian colours) (IHS Markit/Patrick Allen)*

1136991

## Kan class

**Date Posted:** 10-Jul-2015

**Publication:** Jane's Fighting Ships

**(AGOR)**

**IN SERVICE:** 2

**ARCHIVED**

### Fleetlist

No
101
102
Kan

<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	1118 tonnes (1100.3 (uk) t) (1232.4 t (short)) (1118000 kg)
<b>Length</b>	
overall:	68.6 m (225.1 ft)
<b>Beam</b>	
overall:	6.9 m (22.6 ft)
<b>Draught</b>	
hull:	2.7 m (8.9 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	18 kt (33.3 km/h) (20.7 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	150
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<b>Navigation:</b> Fin Curve; I-band.

**Comment:** Details given are for 102 which is believed built in 1985-87, possibly at Shanghai. Large open stern area. Aft main deck area covered and may have cable reel system. 101 is similar but slightly larger and may have been built in 1965 as an ASR. Operate in East China Sea and Sea of Japan.



## Kandao (Type 639/639A) class

**Date Posted:** 14-Feb-2020

**Publication:** Jane's Fighting Ships

**(AGOS)**

<b>Kandao</b>	(Type	<b>639)</b>
<b>IN</b>	<b>SERVICE:</b>	<b>2</b>
<b>Kandao</b>	(Type	<b>639A)</b>
<b>IN SERVICE: 6</b>		

**NEW ENTRY**

### Fleetlist

ship names	Builders	Launched	Commissioned
Bei Diao 991	/ Huangpu Shipyard	5 Sep 2007	Dec 2009
Bei Diao 990	/ Huangpu Shipyard	1 Jun 2009	Dec 2009
Nan Ce 429	/ Huangpu Shipyard		2012
Dong Ce 232	/ Huangpu Shipyard		2013
Nan Ce 430	/ Huangpu Shipyard	2012	2013
Bei Ce 901	/ Huangpu Shipyard	2014	2015
Dong Ce 233	/ Huangpu Shipyard		2015
Bei Ce 902	/ Huangpu Shipyard		

**Kandao (Type 639), Kandao (Type 639A)**

### Dimensions and weights

### Displacement

full load:	1500 tonnes (1476.3 (uk) t) (1653.5 t (short)) (1500000 kg) (Bei Diao 990-991)
	1350 tonnes (1328.7 (uk) t) (1488.1 t (short)) (1350000 kg) (Bei Ce 901-902, Dong Ce 232-233, Nan Ce 429-430)

<b>Length</b>	
overall:	60 m (196.9 ft)
<b>Beam</b>	
overall:	18 m (59.1 ft)
<b>Machinery:</b>	Diesel-electric; 2 shafts

**Comment:** SWATH design ocean surveillance ships of about 60 m length. First launched in September 2007. Two had been completed by the end of 2009. Acoustic sensors lowered through a well between the hulls. Improved version (Type 639A) was delivered from 2012, which features changes to the hull and superstructure and deletes the well, featuring instead facilities for launch and retrieval of sensors at the stern. In October 2015 imagery indicated use of active/pассиве towed array sensor similar to those fitted on surface combatants. Basing: 990, 991, 901, 902 in the North. 429 and 430 in the South. 232 and 233 in the East.



*KANDAO CLASS (Ships of the World)*

1629687

## Kanjie (Type 636A) class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

(WPSOH/WAGE)

**IN SERVICE:** 1

**UPDATED**

### Fleetlist

ship names
Haijing 2506 (ex-Yuzheng 206)

## Kanjie

### Dimensions and weights

#### Measurement

gross tonnage: 4335 tonnes (4266.5 (uk) t) (4778.5 t (short)) (4335000 kg)

#### Length

overall: 106 m (347.8 ft)

#### Beam

overall: 17.4 m (57.1 ft)

#### Draught

hull: 5.5 m (18.0 ft)

### Performance

#### Speed

top speed: 13 kt (24.1 km/h) (15.0 mph)

**Machinery:** Diesel-electric: 2 diesels; 2 motors; 5,710 hp (4.2 MW); 2 shafts

#### Firepower

**Radar:** To be announced.

**Helicopters:** 1 medium.

**Comment:** Former research ship transferred from the Navy to the FLEC in 2012. Subsequently transferred to the Coast Guard in 2013.



*HAIJING 2506 (Ships of the World)*

1525669

# Kantan class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(RESEARCH SHIPS) (AG)**

**IN SERVICE:** 1

**UPDATED**

## Fleetlist

No	Builders	Commissioned		
Bei Diao 993	/ Tongfang Jiangxin Shipyard	28 Dec 2000		
<b>Kantan</b>				
<b>Dimensions and weights</b>				
<b>Displacement</b>				
full load:	2300 tonnes (2263.7 (uk) t) (2535.3 t (short)) (2300000 kg)			
<b>Length</b>				
overall:	86.4 m (283.5 ft)			
<b>Beam</b>				
overall:	14.6 m (47.9 ft)			
<b>Draught</b>				
hull:	3.8 m (12.5 ft)			
<b>Performance</b>				
<b>Speed</b>				
top speed:	16 kt (29.6 km/h) (18.4 mph)			
<b>Range</b>				
standard:	1500 n miles (2778.0 km) (1726.2 miles) at 13 kt (24.1 km/h) (15.0 mph)			
<b>Capacity</b>				

<b>Cranes</b>	
number:	1
capacity:	20 tonnes (19.7 (uk) t) (22.0 t (short)) (20000 kg)
<b>Machinery:</b>	2 MaK 6M453C diesels; 5,900 hp (4.4 MW); 2 shafts
<b>Firepower</b>	
<b>Radar:</b>	To be announced.

**Comment:** Described as a comprehensive test ship for underwater acoustic trials. 20-tonne gantry crane installed over 6.4 m diameter moon-pool. Based in North Sea Fleet.

## Kilo class (Project 877EKM/636)

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

(SSG)

Kilo	(Project	877EKM)
IN	SERVICE:	2
Kilo	(Project	636/636M)
IN SERVICE: 10		

**UPDATED**

### Fleetlist

No	Builders	Laid down	Launched	Commissioned
364 (ex-B 185)	/ Nizhny Novgorod	23 Mar 1989	31 May 1994	15 Nov 1994
365 (ex-B 188)	/ Nizhny Novgorod	18 Nov 1990	31 Mar 1995	15 Aug 1995
366	/ Admiralty Yard , St Petersburg	16 Jun 1996	26 Apr 1997	26 Aug 1997
367	/ Admiralty Yard , St Petersburg	28 Aug 1997	18 Jun 1998	25 Oct 1998
368	/ Admiralty Yard , St Petersburg	19 Oct 2002	27 May 2004	10 Dec 2004

369	/ Admiralty Yard , St Petersburg	19 Oct 2002	19 Aug 2004	30 Apr 2005
370	/ Admiralty Yard , St Petersburg	7 Mar 2003	24 Feb 2005	15 Jun 2005
371	/ Admiralty Yard , St Petersburg	11 Aug 2003	26 May 2005	14 Sep 2005
372	/ Admiralty Yard , St Petersburg	7 May 2003	25 Aug 2005	30 May 2006
373 (ex-B 340)	/ Nizhny Novgorod	Jul 1992	8 May 2004	8 Aug 2005
374	/ Severodvinsk Shipyard	29 May 2003	4 Jun 2005	17 Nov 2005
375	/ Severodvinsk Shipyard	29 May 2003	17 Jul 2005	24 Nov 2005

### **Kilo (Project 877EKM), Kilo (Project 636/636M)**

#### **Dimensions and weights**

#### **Displacement**

surfaced: 2362 tonnes (2324.7 (uk) t) (2603.7 t (short)) (2362000 kg)

dived: 3125 tonnes (3075.6 (uk) t) (3444.7 t (short)) (3125000 kg)

#### **Length**

overall: 72.6 m (238.2 ft) (364-365)  
73.8 m (242.1 ft) (366-375)

#### **Beam**

overall: 9.9 m (32.5 ft) (364-375)

#### **Draught**

hull: 6.6 m (21.7 ft) (364-375)

#### **Performance**

#### **Speed**

top speed: 17 kt (31.5 km/h) (19.6 mph)

dived: 17 kt (31.5 km/h) (19.6 mph)

surfaced:	10 kt (18.5 km/h) (11.5 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	52
officers:	13
<b>Machinery:</b>	Diesel-electric; 2 diesels; 3,650 hp(m) (2.68 MW); 2 generators; 1 motor; 5,900 hp(m) (4.34 MW); 1 shaft; 2 auxiliary motors; 204 hp(m) (150 kW); 1 economic speed motor; 130 hp(m) (95 kW)
<b>Firepower</b>	
<b>Missiles:</b>	<b>SLCM:</b> Novator 3M-54E1 (SS-N-27B) anti-ship (Type 636 boats 368-375); inertial guidance and active radar terminal homing to 300 km (162 n miles) at Mach 0.6-0.8; warhead 450 kg; sea-skimmer.
<b>Torpedoes:</b>	6-533 mm tubes; 18 torpedoes. Combination of TEST-71ME/TEST-71ME-NK anti-submarine; wire-guided (option); active/passive homing to 23.2 km (12.5 n miles) at 35 kt; 17.2 km (9.3 n miles) at 40 kt; electric; warhead 205 kg; depth to 400 m (1,312 ft), and Type 53-65; passive wake homing to 19 km (10.3 n miles) at 45 kt; thermal; warhead 300 kg.
<b>Mines:</b>	24 in lieu of torpedoes.
<b>Electronic countermeasures:</b>	<b>ESM:</b> Squid Head or Brick Pulp; radar warning.
<b>Radars:</b>	<b>Surface search:</b> MRP-25E (Snoop Tray); I-band.
<b>Sonars:</b>	MGK-400E (Rubikon) suite; bow-mounted; passive; low/medium frequency (Shark Teeth); active transmit array (Shark Fin); MG-519M Arfa-M (Mouse Roar) mine detection/search and attack; active; high frequency.
<b>Weapon control systems:</b>	MVU-119 EM Murena TFCS.

**Programmes:** The first four boats were ordered in mid-1993. The first two are Project 877EKM hulls built for a former Warsaw Pact country and subsequently cancelled. The first one departed the Baltic in December 1994 and arrived by transporter ship in February 1995. The third and fourth are Project 636 variants. A contract for a further eight 636M variants armed with SS-N-27 was signed on 3 May 2002. The first of these was originally laid down at Nizhny Novgorod for the Russian Navy, but was never completed due to lack of funding. It is likely to be the last submarine to have been built at the shipyard. Five of the boats were built by Admiralty Yard, St Petersburg and the remaining two boats at Severodvinsk. The programme was completed in 2006.

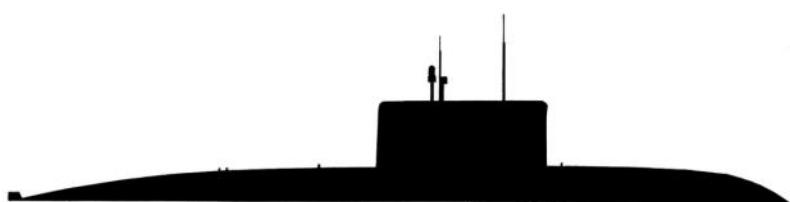
**Structure:** Double-hull construction with six watertight compartments. Normal diving depth is 240 m with 300 m available in emergency. At least two torpedo tubes can fire wire-guided weapons. Some modifications carried out after arrival in China including a possible new electronic support measures.

**Operational:** The first eight (364-371) based at Xiangshan in the East Sea Fleet and the remainder (372-375) based at Yulin in the South Sea Fleet.



*KILO CLASS (A Sheldon-Duplaix)*

1335695



*KILO CLASS SILHOUETTE (Ian Sturton)*

1153065

## KJ-2000 AEW&C.

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**IN SERVICE: 8**

**UPDATED**

<b>Operational speed:</b>	425 kt (785 km/h).
<b>Service ceiling:</b>	34,440 ft (10,500 m).
<b>Range:</b>	2,753 n miles (5,100 km).
<b>Role/Weapon systems:</b>	Airborne Early Warning and Control (AEW&C) System (AWACS) Aircraft based on the Russian-made A-50 (Mainstay) airframe which itself is based on the Ilyushin Il-76 transport aircraft. Operated by the PLAAF from Wuxi airbase. The non-rotating radome houses three NRIET active electronically scanned arrays, installed in a triangular configuration. SATCOM antenna housed in dorsal blister forward of wing.

## **Kuznetsov (Orel) (Project 1143.5/6/Type 001A) class**

**Date Posted:** 01-Jan-2020

**Publication:** Jane's Fighting Ships

**(CVGM)**

**IN SERVICE: 2**

**UPDATED**

### **Fleetlist**

<b>ship names</b>	<b>No</b>	<b>Builders</b>	<b>Laid down</b>	<b>Launched</b>	<b>Commissioned</b>
Liaoning (ex-Varyag , ex-Riga)	16	/ Nikolayev South	6 Dec 1985	6 Dec 1988	25 Sep 2012
Shandong	17	/ Dalian Shipyard	2015	26 Apr 2017	17 Dec 2019
<b>Kuznetsov</b>					
<b>Dimensions and weights</b>					
<b>Displacement</b>					

standard:	46637 tonnes (45900.4 (uk) t) (51408.5 t (short)) (46637000 kg) (16)
full load:	59439 tonnes (58500.3 (uk) t) (65520.3 t (short)) (59439000 kg) (16) 66000 tonnes (64957.6 (uk) t) (72752.5 t (short)) (66000000 kg) (17)
<b>Length</b>	
overall:	304.5 m (999.0 ft) (16) 315 m (1033.5 ft) (17)
waterline:	280 m (918.6 ft)
<b>Beam</b>	
overall:	70 m (229.7 ft)
waterline:	37 m (121.4 ft)
<b>Draught</b>	
hull:	10.5 m (34.4 ft)
<b>Flight Deck</b>	
length overall:	304.5 m (999.0 ft)
width overall:	70 m (229.7 ft)
deck angle:	7°
launch mechanism:	ski jump
ski jump angle:	14°
<b>Aircraft Lift</b>	
number:	2
<b>Performance</b>	
<b>Speed</b>	
top speed:	30 kt (55.6 km/h) (34.5 mph)
<b>Range</b>	
standard:	3850 n miles (7130.2 km) (4430.5 miles) at 29 kt (53.7 km/h) (33.4 mph) 8500 n miles (15742.0 km) (9781.6 miles) at 18 kt (33.3 km/h) (20.7 mph)

<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	1960
officers:	200
flag staff:	40
air crew:	626
<b>Machinery:</b>	8 boilers; 4 turbines; 200,000 hp(m) (147 MW); 4 shafts
<b>Firepower</b>	
<b>Missiles:</b>	<b>SAM:</b> 3 HHQ-10 18-cell launchers [Ref 1]; passive IR/anti-radiation homing to 9.0 km (4.9 n miles).
<b>Guns:</b>	3 H/PJ-11 (Type 1130) 30 mm [Ref 2]; 11 barrels per mounting; 10,000 rds/min combined to 4 km (2.2 n miles).
<b>A/S Mortars:</b>	RPS Smerch-2 system; 2 RBU-6000 12-barrel launchers [Ref 3].
<b>Physical countermeasures:</b>	<b>Decoys:</b> 4 Type 726 chaff launchers [Ref 4].
<b>Electronic countermeasures:</b>	<b>ESM/ECM:</b> To be announced.
<b>Radars:</b>	<p><b>Air search:</b> Type 381B (Fregat-MAE-3) (Top Plate) [Ref 5]; 3D; E/F-band.</p> <p><b>Air search/fire control:</b> Type 346 (Dragon Eye) (Type 346A on Shandong) [Ref 6]; 3D; E/F-band.</p> <p><b>Surface search:</b> To be announced.</p> <p><b>Fire control:</b> 2 Mineral-ME1 (Band Stand) [Ref 7]; I-band.</p> <p><b>Navigation:</b> To be announced.</p> <p><b>CCA:</b> To be announced.</p> <p><b>Tacan:</b> To be announced.</p> <p><b>IFF:</b> To be announced.</p>
<b>Sonars:</b>	To be announced.
<b>Weapon control systems:</b>	To be announced.
<b>Aircraft:</b>	Up to 24 J-15.
<b>Helicopters:</b>	Up to 17 helicopters.

- Programmes:** Procurement of an aircraft carrier capability has been a high priority for the Chinese Navy since the 1990s. Ex-Varyag, the second of the Kuznetsov class was between 70 and 80% complete by early 1993 when building was terminated. Subsequently the ship was bought by China and, having been towed through the Bosphorus on 2 November 2001, arrived at Dalian in March 2002. For the following three years, it is likely that a thorough material and technical survey of the ship was conducted in order to develop the detailed work package required to activate the ship and to bring it to operational status. The main refit work, which included a substantial rebuild of the island, was conducted 2005-10. Official confirmation that China's first indigenous carrier was under construction at Dalian was made on 31 December 2015. Since then progress has been rapid and the ship emerged from the graving dock on 26 April 2017 and carried out five sets of trials between May 2018 and March 2019. The design is fundamentally the same as *Liaoning* although there are differences to the island and likely the internal spaces, enabled by building from scratch rather than modifying an existing ship.
- Structure:** The hangar is  $183 \times 29.4 \times 7.5$  m and can hold up to 18 Flanker aircraft. There are two starboard side lifts, a ski jump of  $14^\circ$ , and angled deck of  $7^\circ$ . There are four arrester wires. The ship has some 16.5 m of freeboard. The HHQ-10 launchers and Type 1130 close-in weapons system (CIWS) are sited on sponsons fore and aft. The dimensions of the Dalian-built ship are very similar to *Liaoning*. The general contour of the flight deck, including the aircraft lifts, is broadly the same although there seem to be some changes to the starboard quarter. The island appears to be some 10 m shorter, to provide increased deck space, and the PAR panels have been repositioned. Internal changes include increased hangar capacity. The propulsion system is assessed to be steam turbines.
- Modernisation:** *Liaoning* refit at Dalian in 2018-19 included installation of a new air traffic control centre and modifications to sensors.
- Operational:** *Liaoning*'s sea trials started on 10 August 2011 and the ship was handed over to the PLAN on 23 September 2012, formally commissioning on 25 September 2012. Following the successful recovery of a J-15 aircraft on 20 November 2012, flight integration training began in 2013 and continued through 2014. In 2015, the first group of pilots was certified for operational service and the ship was declared fully operational on 15 November 2016. In 2018 it was announced that the *Liaoning* carrier group reached its initial operational capability. The ship is based at Yuchi (50 km south of Qingdao). *Shandong* commenced sea trials in May 2018.



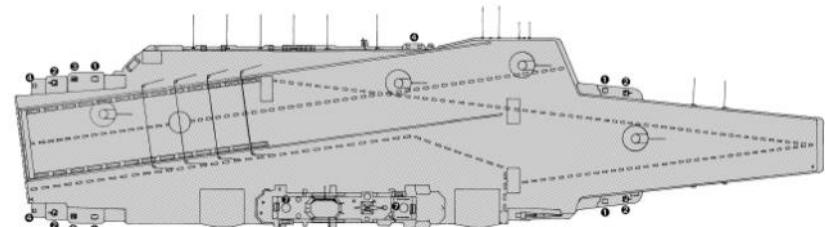
LIAONING (*Ships of the World*)

1741949



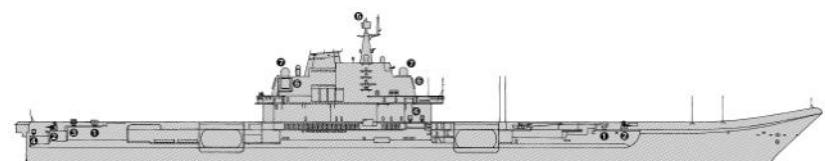
LIAONING (*Ships of the World*)

1751516



LIAONING (*Ian Sturton*)

1483595



LIAONING (*Ian Sturton*)

1483593

## Leizhou class

**Date Posted:** 14-Feb-2013

**Publication:** Jane's Fighting Ships

**(AWT/AOT)**

**IN SERVICE: 9**

**Fleetlist**

<b>No</b>
412
555
558
736
755
792
793
823
826
<b>Leizhou</b>
<b>Dimensions and weights</b>
<b>Displacement</b>
full load: 914 tonnes (899.6 (uk) t) (1007.5 t (short)) (914000 kg)
<b>Length</b>
overall: 53 m (173.9 ft)
<b>Beam</b>
overall: 9.8 m (32.2 ft)
<b>Draught</b>
hull: 3.2 m (10.5 ft)
<b>Performance</b>
<b>Speed</b>
top speed: 12 kt (22.2 km/h) (13.8 mph)

<b>Range</b>	
standard:	1200 n miles (2222.4 km) (1380.9 miles) at 10 kt (18.5 km/h) (11.5 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	30 (est.)
<b>Cargo capacity:</b>	450 tons
<b>Machinery:</b>	1 diesel; 500 hp(m) (367 kW); 1 shaft
<b>Firepower</b>	
<b>Guns:</b>	4-14.5 mm/93 (2 twin).
<b>Radars:</b>	2 navigation; I-band.

**Comment:** Built in late 1960s at Qingdao and Wudong. Split between the Fleets. Some have been converted to carry water, others carry oil. Many deleted or in civilian use.



*LEIZHOU 755 (E & M Laursen)*

1164863

## LR 7 rescue submersible

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

## (RESCUE VEHICLES) (DSRV)

IN SERVICE: 1

**VERIFIED**

### Fleetlist

No	Builders	Commissioned
LR 7	/ Perry-Slingsby UK	2009
<b>LR 7 rescue submersible</b>		
<b>Dimensions and weights</b>		
<b>Length</b>		
overall:	9.6 m (31.5 ft)	
<b>Beam</b>		
overall:	3.2 m (10.5 ft)	
<b>Draught</b>		
hull:	3.4 m (11.2 ft)	
<b>Performance</b>		
<b>Speed</b>		
top speed:	3 kt (5.6 km/h) (3.5 mph)	
<b>Capacity</b>		
<b>Complement</b>		
military		
crew:	3	
<b>Machinery:</b>	2 electric propulsors; 26.8 hp (20 kW); 3 supplementary thrusters; 16 hp (12 kW)	

**Comment:** Power drawn from two external battery pods, the Perry Slingsby LR 7 is a development of the LR 5 rescue submersible, originally built for North Sea commercial operations and subsequently purchased by the Royal Navy for submarine rescue operations. Capable of operating down to 500 m depth, it will be deployed from a Type 926 (Dalao class) ASR, three of which are in service. Its role is to rescue up to 18 survivors at a time from a disabled submarine on the seabed and bring them back to the surface. This can be done at normal atmospheric pressure or at increased pressure up to 5 bar. Mating can be achieved with the disabled submarine at up to 60° bow up. Following tests in Scotland, LR 7 entered service in the PLA Navy in 2009. Type 926 ASR *Changdao* (867) deployed to Vladivostock in September 2017 with LR 7 embarked to conduct submarine rescue training with the Russian Navy and LR 7 was reported to have mated with a Russian Kilo-class simulating a distressed submarine.

## Luda (Type 051D) class

**Date Posted:** 08-Nov-2019

**Publication:** Jane's Fighting Ships

**(DDGM)**

**IN SERVICE:** 1

**ARCHIVED**

### Fleetlist

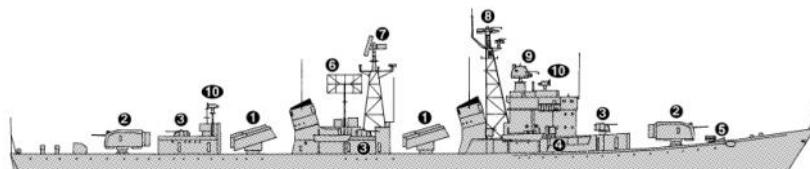
ship names	No	Builders
Guilin	164	/ Guangzhou
<b>Luda D</b>		
<b>Dimensions and weights</b>		
<b>Displacement</b>		
standard:	3302 tonnes (3249.8 (uk) t) (3639.8 t (short)) (3302000 kg)	
full load:	3729 tonnes (3670.1 (uk) t) (4110.5 t (short)) (3729000 kg)	
<b>Length</b>		
overall:	132 m (433.1 ft)	
<b>Beam</b>		

overall:	12.8 m (42.0 ft)
<b>Draught</b>	
hull:	4.6 m (15.1 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	32 kt (59.3 km/h) (36.8 mph)
<b>Range</b>	
standard:	2970 n miles (5500.4 km) (3417.8 miles) at 18 kt (33.3 km/h) (20.7 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	280
officers:	45
<b>Machinery:</b>	2 or 4 boilers; 2 turbines; 72,000 hp(m) (53 MW); 2 shafts
<b>Firepower</b>	
<b>Missiles:</b>	SSM: 6 HY-2 (CSS-C-3A Seersucker) (2 triple) launchers [Ref 1]; active radar or IR homing to 95 km (51 n miles) at 0.9 Mach; warhead 513 kg.
<b>Guns:</b>	4 USSR 130 mm/58 (2 twin) [Ref 2]; 20 rds/min to 28 km (15 n miles); weight of shell 33.4 kg. 8 China 57 mm/70 (4 twin); 120 rds/min to 12 km (6.5 n miles); weight of shell 6.31 kg or 8 China 37 mm/63 (4 twin) [Ref 3]; 180 rds/min to 8.5 km (4.6 n miles); weight of shell 1.42 kg. 8 USSR 25 mm/60 (4 twin) [Ref 4]; 270 rds/min to 3 km (1.6 n miles) anti-aircraft; weight of shell 0.34 kg.
<b>Torpedoes:</b>	6-324 mm Whitehead B515 (2 triple tubes); Yu-2 (Mk 46 Mod 1); active/passive homing to 11 km (5.9 n miles) at 40 kt; warhead 44 kg.
<b>A/S Mortars:</b>	2 FQF 2500 12-tubed fixed launchers [Ref 5]; 120 rockets; range 1,200 m; warhead 34 kg. Similar in design to the RBU-1200.
<b>Mines:</b>	38.
<b>Depth charges:</b>	2 or 4 BMB projectors; 2 or 4 racks.

<b>Radar:</b>	<p><b>Air search:</b> Type 515 Bean Sticks [Ref 6]; A-band. Type 381A (Rice Shield) [Ref 7]; 3D; G-band. Similar to Hughes SPS-39A.</p> <p><b>Surface search:</b> Type 354 (Eye Shield) [Ref 8]; G-band. Type 352 (Square Tie); I-band.</p> <p><b>Navigation:</b> Fin Curve or Racal Decca 1290; I-band.</p> <p><b>Fire control:</b> Wasp Head (also known as Wok Won) or Type 343 (Sun Visor B) (series 2) [Ref 9]; I-band. 2 Type 347G (Rice Bowl) [Ref 10]; I-band.</p> <p><b>IFF:</b> High Pole.</p>
<b>Sonars:</b>	Pegas 2M and Tamir 2; hull-mounted; active search and attack; high frequency.

**Programmes:** The first Chinese-designed destroyers of such a capability to be built. First of class completed in 1971. 108 built at Luda; 132 to 134 at Shanghai and 163 to 164 at Guangzhou. Similar to the deleted USSR Kotlin class. The programme was much retarded after 1971 by drastic cuts in the defence budget. In early 1977 building of series two of this class was put in hand and includes those after 108, with the latest 164 completed in April 1990. The order of completion was 108 (1980), 132 (1980), 133 (1981), 163 (1982), 164 (1983), and 134 (1984).

**Operational:** Capable of foreign deployment, although command and control is limited. Under way refuelling is practised. 160 was damaged by an explosion in 1978, and was scrapped. 106 decommissioned October 2007, 105 in December 2007, 161 in 2009, 131 February 2012, and 107 and 132 in October 2012. 108 followed in September 2013, 133 in September 2014, 163 in September 2016, and 134 and 164 in May 2019. 162 transferred to China Coast Guard on 28 September 2012. The final ship, 164, was decommissioned in May 2019.



LUDA CLASS (*Ian Sturton*)

0056749



LUDA CLASS (*Chris Sattler*)

1335691



LUDA CLASS SILHOUETTE (Ian Sturton)

1153078

## Luda IV (Type 051G II) class

**Date Posted:** 08-Nov-2019

**Publication:** Jane's Fighting Ships

**(DDG)**

**IN SERVICE:** 2

**UPDATED**

### Fleetlist

ship names	No	Builders	Laid down	Launched	Commissioned
Zhanjiang	165	/ Dalian Shipyard	1988	1 Aug 1988	30 Dec 1989
Zhuhai	166	/ Dalian Shipyard	1988	18 Oct 1990	21 Nov 1991
<b>Luda (Type 051G II)</b>					

### Dimensions and weights

### Displacement

standard: 3302 tonnes (3249.8 (uk) t) (3639.8 t (short)) (3302000 kg)

full load: 3790 tonnes (3730.1 (uk) t) (4177.8 t (short)) (3790000 kg)

### Length

overall: 132 m (433.1 ft)

### Beam

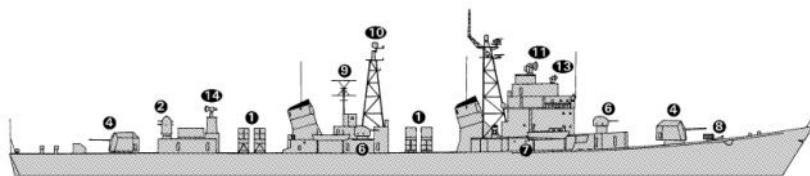
overall: 12.8 m (42.0 ft)

### Draught

hull:	4.7 m (15.4 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	32 kt (59.3 km/h) (36.8 mph)
<b>Range</b>	
standard:	2970 n miles (5500.4 km) (3417.8 miles) 18 kt (33.3 km/h) (20.7 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	280
officers:	45
<b>Machinery:</b>	2 boilers; 2 turbines; 72,000 hp(m) (53 MW); 2 shafts
<b>Firepower</b>	
<b>Missiles:</b>	<b>SSM:</b> 16 YJ-83 (CSS-N-8 Saccade) (4 quad) [Ref 1]; inertial guidance and active radar terminal homing to 180 km (97.2 n miles) at Mach 0.9; warhead 165 or 190 kg; sea-skimmer. <b>SAM:</b> 1 HHQ-7 (CSA-N-4) octuple launcher [Ref 2]; line of sight guidance to 12 km (6.5 n miles) at Mach 2.4; altitude up to 5,000 m (16,404 ft); warhead 15 kg.
<b>Guns:</b>	4-100 mm/56 (2 twin) [Ref 4]; 18 rds/min to 22 km (11.9 n miles); weight of shell 15 kg. 6 Type 76A 37 mm/63 (3 twin) [Ref 6]; 360 rds/min to 8.5 km (4.6 n miles); weight of shell 0.73 kg.
<b>Torpedoes:</b>	6-324 mm Type 7424 (2 triple) tubes [Ref 7]; Yu-7; active/passive homing to 14 km (7.6 n miles) at 42 kt; thermal; warhead 45 kg.
<b>A/S Mortars:</b>	2 FQF-2500 12-tubed fixed launchers [Ref 8]; 120 rockets; range 1,200 m; warhead 34 kg. (Similar to RBU-1200.)
<b>Physical countermeasures:</b>	<b>Decoys:</b> 2 Type 946; 15-barrelled 100 mm chaff launchers.
<b>Electronic countermeasures:</b>	<b>ESM:</b> Type 825; intercept. <b>ECM:</b> Type 981; jammer.

<b>Radar:</b>	Air search: Type 517A (Knife Rest) [Ref 9]; A-band. Surface search: Type 354 (Eye Shield) [Ref 10]; E/F-band. Navigation: Racal Decca 1290; I-band. Fire control: Type 344 (MR 34) [Ref 11]; I-band (for SSM and 100 mm). Type 347G(1) (Rice Bowl) [Ref 13]; I-band (for 57/37 mm). Type 345 [Ref 14]; I/J-band (for HHQ-7). IFF: High Pole.
<b>Sonars:</b>	DUBV 23; hull-mounted; active search and attack; medium frequency.
<b>Combat data systems:</b>	ZKJ 4A (165); ZKJ 4B (166).

- Programmes:** Updated Luda designs sometimes known collectively as the Luda IV class.
- Modernisation:** 166 underwent extensive modernisation 2001-03. Principal enhancements include the replacement of HY-1J by four quadruple YJ-83 missiles, the installation of an octuple HHQ-7 SAM launcher in place of the aft (X turret) 37 mm gun and the replacement of the 130 mm guns with twin 100 mm guns fore and aft. 165 is reported to have undergone a similar upgrade.
- Operational:** Basing: 165 and 166 in South Sea Fleet. The Type 051DT (109) and Type 051G (110) ships were decommissioned in May 2019.



*ZHANJIANG (Ian Sturton)*

0572402



*LUDA IV (ZHANJIANG) CLASS SILHOUETTE (Ian Sturton)*

1153095

## Luhu (Type 052) class

**Date Posted:** 08-Nov-2019

**Publication:** Jane's Fighting Ships

**(DDGHM)**

**IN SERVICE:** 2

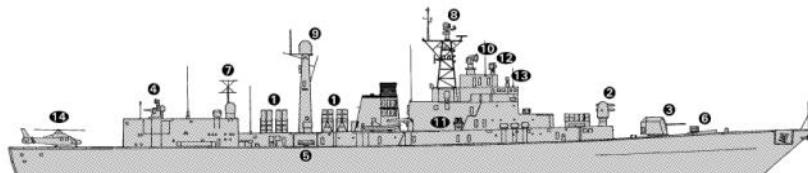
**UPDATED**

## Fleetlist

<b>ship names</b>	<b>No</b>	<b>Builders</b>	<b>Laid down</b>	<b>Launched</b>	<b>Commissioned</b>
Harbin	112	/ Jiangnan Shipyard , Shanghai	Nov 1990	28 Aug 1991	8 May 1994
Qingdao	113	/ Jiangnan Shipyard , Shanghai	Jan 1993	18 Oct 1993	28 May 1996
<b>Luhu</b>					
<b>Dimensions and weights</b>					
<b>Displacement</b>					
full load:		4674 tonnes (4600.2 (uk) t) (5152.2 t (short)) (4674000 kg)			
<b>Length</b>					
overall:		144 m (472.4 ft)			
<b>Beam</b>					
overall:		16 m (52.5 ft)			
<b>Draught</b>					
hull:		5.1 m (16.7 ft)			
<b>Performance</b>					
<b>Speed</b>					
top speed:		31 kt (57.4 km/h) (35.7 mph)			
<b>Range</b>					
standard:		5000 n miles (9260.0 km) (5753.9 miles) at 15 kt (27.8 km/h) (17.3 mph)			
<b>Capacity</b>					
<b>Complement</b>					
military					
crew:		266			

officers:	38
<b>Machinery:</b>	CODOG; 2 Zorya-Mashproekt gas turbines; 48,600 hp(m) (35.7 MW); 2 MTU 12V 1163 TB83 diesels; 8,840 hp(m) (6.5 MW) sustained; 2 shafts; cp props
<b>Firepower</b>	
<b>Missiles:</b>	<b>SSM:</b> 16 YJ-83 (CSS-N-8 Saccade) (4 quad); [Ref 1]; inertial guidance and active radar terminal homing to 180 km (97.2 n miles) at Mach 0.9; warhead 165 or 190 kg; sea-skimmer. <b>SAM:</b> 1 HHQ-7 (CSA-N-4) octuple launcher [Ref 2]; line of sight guidance to 12 km (6.5 n miles) at Mach 2.4; altitude up to 5,000 m (16,404 ft); warhead 15 kg. 32 missiles.
<b>Guns:</b>	2-100 mm/56 (twin) [Ref 3]; 25 rds/min to 22 km (11.9 n miles); weight of shell 15.6 kg. 2 H/PJ-12 (Type 730) 30 mm [Ref 4]; 7 barrels per mounting; 4,200 rds/min to 4 km (2.2 n miles) .
<b>Torpedoes:</b>	6-324 mm Type 7424 (2 triple) tubes [Ref 5]. Yu-7 active/passive homing to 14 km (7.6 n miles) at 43 kt; thermal; warhead 45 kg.
<b>A/S Mortars:</b>	2 Type 87 FQF-3200 [Ref 6] 6-tubed fixed launchers; range 1,200 m; warhead 34 kg.
<b>Physical countermeasures:</b>	<b>Decoys:</b> 2 Type 726-4 [Ref 11]; 24-barrelled 122 mm chaff launchers.
<b>Electronic countermeasures:</b>	<b>ESM:</b> Rapids. <b>ECM:</b> Scimitar.
<b>Radars:</b>	<b>Air search:</b> Type 517B (Knife Rest); A-band [Ref 7]. <b>Air/surface search:</b> Type 363S (Sea Tiger) [Ref 8]; E/F-band. <b>Surface search:</b> Type 364 (Seagull C) [Ref 9]; G-band. <b>Fire control:</b> Type 344 (MR 34) [Ref 10]; I-band (for SSM and 100 mm). Type 345 [Ref 12]; I/J-band (for HHQ-7). <b>Navigation:</b> Racal Decca 1290; I-band.
<b>Sonars:</b>	SJD-8/9 (DUBV 23); hull-mounted; active search and attack; medium frequency. Towed array.
<b>Combat data systems:</b>	Thomson-CSF Tavitac action data automation. SATCOM. Link W.
<b>Electro-optic systems:</b>	2 GDG-775 optronic directors [Ref 13]. OFC-3.
<b>Helicopters:</b>	2 Z-9C [Ref 14].

- Programmes:** Design incorporated equipment and systems imported from the United States and Europe prior to arms embargo imposed in June 1989. Included gas turbines from the United States, diesel engines from Germany, SAM, data-handling system, sonars, and radars from France, and torpedo launch tubes from Italy.
- Modernisation:** Since build, both ships have undergone two extensive refits in 2003/5 and 2010/12 during which a number of equipments have been upgraded or replaced with Chinese variants. The scope of work has included replacement of the gas turbines, replacement of Type 518 search radar with Type 517, replacement of the Type 362 radar with Type 364, replacement of the four twin 37 mm guns with two Type 730 close-in weapon systems (CIWS), and replacement of the DUBV-43 variable depth sonar (VDS) with a linear towed array of unknown type.
- Structure:** The most notable features are the surface-to-air missile (SAM) launcher, improved radar and fire-control systems, and a modern 100 mm gun. DCN Samahe 110N helo handling system. The quarterdeck was completely enclosed during the 2010-12 refits.
- Operational:** Both based in North Sea Fleet. *Qingdao* visited Simonstown in May 2016, following counter piracy operations off Somalia. *Harbin* formed part of the PLAN's 24th counter-piracy Escort Task Group and participated in exercise 'Aman-17' off Karachi in February 2017 prior to returning home.



*QINGDAO* (Ian Sturton)

1406510



*QINGDAO* (John Mortimer)

1525584



HARBIN (*Ships of the World*)

1632216



LUHU CLASS SILHOUETTE (*Ian Sturton*)

1153079

## Luyang I (Type 052B) class

**Date Posted:** 08-Nov-2019

**Publication:** Jane's Fighting Ships

**(DDGHM)**

**IN SERVICE:** 2

**UPDATED**

### Fleetlist

ship names	No	Builders	Laid down	Launched	Commissioned
Guangzhou	168	/ Jiangnan Shipyard , Shanghai	2001	25 May 2002	18 Jul 2004
Wuhan	169	/ Jiangnan Shipyard , Shanghai	2001	9 Sep 2002	Dec 2004

### **Luyang I**

#### **Dimensions and weights**

#### **Displacement**

full load: 7112 tonnes (6999.7 (uk) t) (7839.6 t (short)) (7112000 kg)

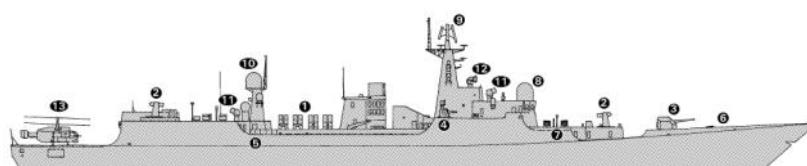
<b>Length</b>	
overall:	155 m (508.5 ft)
<b>Beam</b>	
overall:	17 m (55.8 ft)
<b>Draught</b>	
hull:	6 m (19.7 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	29 kt (53.7 km/h) (33.4 mph)
<b>Range</b>	
standard:	4500 n miles (8334.0 km) (5178.5 miles) at 15 kt (27.8 km/h) (17.3 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	280
officers:	40
<b>Machinery:</b>	CODOG; 2 Zorya-Mashproekt DA-80 gas turbines; 48,600 hp(m) (35.7 MW); 2 MTU 16V 1163 TB83 diesels; 13,400 hp(m) (10.0 MW); 2 shafts; cp props
<b>Firepower</b>	
<b>Missiles:</b>	<b>SSM:</b> 16 YJ-83 (CSS-N-8 Saccade) (4 quad) [Ref 1]; inertial guidance and active radar terminal homing to 180 km (97.2 n miles) at Mach 0.9; warhead 165 or 190 kg; sea-skimmer. <b>SAM:</b> 3K-90-1E Shtil-1 (SA-N-7B Grizzly); 2 launchers [Ref 2]; 48 9M317 missiles; inertial guidance with command updates and semi-active radar terminal homing to 42.6 km (23.0 n miles) at Mach 3.61-3.73; altitude 5-15,000 m; warhead 70 kg
<b>Guns:</b>	1 H/PJ-87 100 mm/56 [Ref 3]; 25 rds/min to 22 km (11.9 n miles); weight of shell 15.6 kg. 2 H/PJ-12 (Type 730A) 30 mm [Ref 4]; 7 barrels per mounting; 4,200 rds/min combined to 4 km (2.2 n miles).

<b>Torpedoes:</b>	6-324 mm Type 7424 (2 triple) tubes [Ref 5]; Yu-7 active/passive homing to 14 km (7.6 n miles) at 43 kt; thermal; warhead 45 kg.
<b>A/S Mortars:</b>	2 Type 87 FQF-3200 [Ref 6]; 6-barrelled launchers; range 1,200 m; warhead 34 kg.
<b>Physical countermeasures:</b>	<b>Decoys:</b> 4 Type 726-4 18-barrelled 122 mm chaff launchers [Ref 7].
<b>Electronic countermeasures:</b>	<b>ESM:</b> SRW 210A. <b>ECM:</b> Type 984 (I-band jammer). Type 985 (E/F-band jammer).
<b>Radar:</b>	<b>Air search:</b> Fregat-MAE-3 (Top Plate); 3D; [Ref 9]; E/F-band. <b>Air/surface search:</b> Type 364 (Seagull C) [Ref 10]; G-band. <b>Fire control:</b> 4 Oreh (Front Dome) [Ref 11]; H/I-band (for SA-N-7B). Mineral-ME (Band Stand) [Ref 8]; I-band (for YJ-83). Type 344 (MR 34) [Ref 12]; I-band (for 100 mm). 2 Type 347G(2) (LR 66); I-band (for Type 730). <b>Navigation:</b> To be announced.
<b>Sonars:</b>	SJD-8/9 (DUBV 23); hull mounted; active search and attack; medium frequency.
<b>Combat data systems:</b>	To be announced. SATCOM.
<b>Weapon control systems:</b>	Mineral-ME (Band Stand) [Ref 8]; I-band; datalink (for YJ-83).
<b>Helicopters:</b>	1 Z-9C/D or Ka-28 Helix [Ref 13].

**Programmes:** Construction of new multirole destroyers with medium-range air defence capability started in 2001. Acquisition of US/European equipment precluded by arms embargo post Tiananmen Square killings so Ukrainian gas turbines installed and Russian systems fitted where no satisfactory Chinese equipment available. SA-N-7B sometimes referred to as SA-N-12.

**Structure:** Based on Type 051B (Luhai) design but with more advanced stealth features. The aft superstructure contains the hangar on the port side and aft missile magazine to starboard.

**Operational:** Based in the South Sea Fleet. *Wuhan* was one of three ships deployed in the PLAN's first counter-piracy Escort Task Group in 2009. *Guangzhou* deployed with 5th task group in 2010.



*GUANGZHOU* (Ian Sturton)

1170050



*GUANGZHOU (Michael Nitz)*

1305808



*WUHAN (Ships of the World)*

1483601



*WUHAN (Ships of the World)*

1632210



*TYPE 052B SILHOUETTE (Ian Sturton)*

1153070

## Luyang II (Type 052C) class

**Date Posted:** 08-Nov-2019

**Publication:** Jane's Fighting Ships

# (DDGHM)

**IN SERVICE: 6**

**UPDATED**

## Fleetlist

<b>ship names</b>	<b>No</b>	<b>Builders</b>	<b>Laid down</b>	<b>Launched</b>	<b>Commissioned</b>
Lanzhou	170	/ Jiangnan Shipyard , Shanghai	Jun 2002	29 Apr 2003	Sep 2005
Haikou	171	/ Jiangnan Shipyard , Shanghai	Nov 2002	30 Oct 2003	26 Dec 2005
Changchun	150	/ Jiangnan Shipyard , Changxingdao	2009	28 Nov 2010	31 Jan 2013
Zhengzhou	151	/ Jiangnan Shipyard , Changxingdao	2009	20 Jul 2011	26 Dec 2013
Jinan	152	/ Jiangnan Shipyard , Changxingdao	2011	16 Oct 2011	22 Dec 2014
Xi'an	153	/ Jiangnan Shipyard , Changxingdao	2011	28 May 2012	9 Feb 2015
<b>Luyang II</b>					

## **Dimensions and weights**

### **Displacement**

full load: 7112 tonnes (6999.7 (uk) t) (7839.6 t (short)) (7112000 kg)

### **Length**

overall: 155 m (508.5 ft)

### **Beam**

overall: 17 m (55.8 ft)

### **Draught**

hull: 6 m (19.7 ft)

### **Performance**

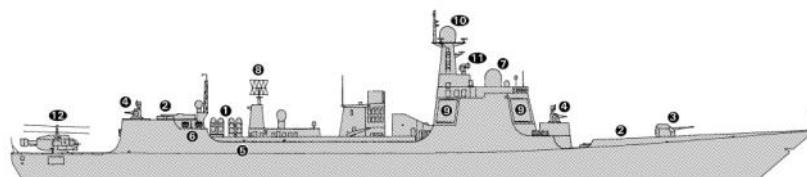
<b>Speed</b>	
top speed:	29 kt (53.7 km/h) (33.4 mph)
<b>Range</b>	
standard:	4500 n miles (8334.0 km) (5178.5 miles) at 15 kt (27.8 km/h) (17.3 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	280
officers:	40
<b>Machinery:</b>	CODOG; 2 Zorya-Mashproekt DA-80 (QC-280 in 150-153) gas turbines; 48,600 hp(m) (35.7 MW); 2 MTU 16V 1163 TB83 diesels; 13,400 hp(m) (10.0 MW); 2 shafts; cp props
<b>Firepower</b>	
<b>Missiles:</b>	<b>SSM:</b> 8 YJ-62 (2 quad) [Ref 1]; inertial guidance with satellite reference updates and active radar terminal homing to 400 km (216 n miles) at Mach 0.6-0.8; warhead 300 kg; sea-skimmer. <b>SAM:</b> 48-cell VLS (6 sextuple fwd, 2 aft), HHQ-9A/B; command guidance and semi-active radar terminal homing to 150 km (81 n miles) at Mach 3.0; warhead 90 kg.
<b>Guns:</b>	1 H/PJ-87 100 mm/56 [Ref 3]; 25 rds/min to 22 km (11.9 n miles); weight of shell 15.6 kg. 2 H/PJ-12 (Type 730) 30 mm [Ref 4]; 7 barrels per mounting; 4,200 rds/min combined to 4 km (2.2 n miles).
<b>Torpedoes:</b>	6-324 mm Type 7424 (2 triple) tubes [Ref 5]; Yu-7 active/passive homing to 14 km (7.6 n miles) at 43 kt; thermal; warhead 45 kg.
<b>Physical countermeasures:</b>	<b>Decoys:</b> 4 Type 726-4 [Ref 6]; 18-barrelled 122 mm chaff launchers.
<b>Electronic countermeasures:</b>	<b>ESM/ECM:</b> NRJ-6A.

<b>Radar:</b>	<b>Air search:</b> Type 517B (Knife Rest) [Ref 8]; A-band. <b>Air search/fire control:</b> Type 346 (Dragon Eye) phased array [Ref 9]; 3D; G-band. <b>Air/surface search:</b> Type 364 (Seagull C) [Ref 10]; G-band. <b>Fire control:</b> Type 344 (MR 34) [Ref 11]; I-band (for 100 mm). Mineral-ME (Band Stand) [Ref 7]; I-band (for YJ-62). 2 Type 347G(2) (LR 66); I-band (for Type 730). <b>Navigation:</b> To be announced.
<b>Sonars:</b>	SJD-8/9 (DUBV 23); hull mounted; active search and attack; medium frequency.
<b>Combat data systems:</b>	ZBJ-1.
<b>Weapon control systems:</b>	Mineral-ME (Band Stand) [Ref 7]; I-band; datalink for YJ-62.
<b>Electro-optic systems:</b>	OFC-3.
<b>Helicopters:</b>	1 Z-9C/D or Ka-28/31 Helix [Ref 12].

**Programmes:** The first two ships comprised second phase of the destroyer construction programme, which introduced the long-range HHQ-9 missile system into service. After extensive trials, a second batch of four ships was ordered.

**Structure:** Appears to share the same basic hull design as the Type 052B destroyers, which in turn are based on the Type 051B (Luhai) class. As well as incorporating stealth features, the design includes a taller forward superstructure in which the four phased array antennas are installed. The helicopter hangar is on the port side of the aft superstructure. The close-in weapons systems (CIWS) are on raised platforms forward and on top of the hangar. The main machinery in the third and subsequent ships includes a Chinese-licensed variant of DA-80 gas turbines (QC-280).

**Operational:** Basing: 170 and 171 in South Sea Fleet. 150-153 in East Sea Fleet.



*LANZHOU (Ian Sturton)*

1170051



XI'AN (*Michael Nitz*)

1748528



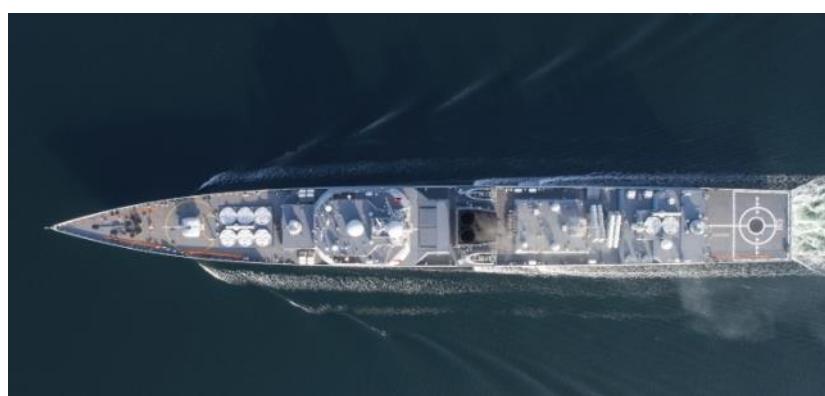
XI'AN (*Michael Nitz*)

1748530



TYPE 052C SILHOUETTE (*Ian Sturton*)

1153069



XI'AN (*Michael Nitz*)

1748529

# Luzhou class (Type 051C)

**Date Posted:** 08-Nov-2019

**Publication:** Jane's Fighting Ships

**(DDGHM)**

**IN SERVICE:** 2

**UPDATED**

## Fleetlist

<b>ship names</b>	<b>No</b>	<b>Builders</b>	<b>Laid down</b>	<b>Launched</b>	<b>Commissioned</b>
Shenyang	115	/ Dalian Shipyard	2002	28 Dec 2004	28 Nov 2006
Shijiazhuang	116	/ Dalian Shipyard	2003	26 Jul 2005	17 Jan 2007
<b>Luzhou</b>					

## **Dimensions and weights**

### **Displacement**

full load: 7112 tonnes (6999.7 (uk) t) (7839.6 t (short)) (7112000 kg)

### **Length**

overall: 155.0 m (508.5 ft)

### **Beam**

overall: 17.0 m (55.8 ft)

### **Draught**

hull: 6.0 m (19.7 ft)

## **Performance**

### **Speed**

top speed: 29 kt (53.7 km/h) (33.4 mph)

### **Capacity**

### **Complement**

military	
crew:	266
officers:	30
<b>Machinery:</b>	4 boilers; 2 steam turbines; 2 shafts
<b>Firepower</b>	
<b>Missiles:</b>	<p><b>SSM:</b> 8 YJ-83 (2 quad) [Ref 1]; inertial guidance and active radar terminal homing to 180 km (97.2 n miles) at Mach 0.9; warhead 165 or 190 kg; sea skimmer.</p> <p><b>SAM:</b> 3K-41M/S-300FM Fort-M (SA-N-20 Gargoyle); 6 B-204 octuple rotary drum VLS (2 fwd, 4 aft) [Ref 2]; 48 48N6 missiles; inertial guidance with command updates and track via missile (TVM) radar terminal homing to 150 km (81 n miles) at Mach 5.8; altitude 10-27,000 m (33-83,583 ft); warhead 143 kg.</p>
<b>Guns:</b>	1-H/PJ-87 100 mm/56 [Ref 3]; 25 rds/min to 22 km (11.9 n miles); weight of shell 15.6 kg. 2 H/PJ-12 (Type 730A) [Ref 4] 30 mm 7 barrels per mounting; 4,200 rds/min combined to 4 km (2.2 n miles) .
<b>Torpedoes:</b>	6-324 mm Type 7424 (2 triple) tubes; Yu-7 active/passive homing to 14 km (7.6 n miles) at 43 kt; thermal; warhead 45 kg.
<b>Physical countermeasures:</b>	<b>Decoys:</b> 2 Type 946 15-barrelled launchers. 2 Type 726-4 18-barrelled 122 mm chaff launchers.
<b>Radars:</b>	<p><b>Air search:</b> Fregat-MAE-3 (Top Plate) [Ref 6]; 3D; E-band.</p> <p><b>Air/surface search:</b> Type 364 (Seagull C) [Ref 7]; G-band.</p> <p><b>Fire control:</b> Volna (Tomb Stone); I/J-band (for Rif-M) [Ref 8]. Mineral-ME (Band Stand) [Ref 5]; I-band (for YJ-83). Type 344 (MR 34); I-band (for 100 mm). Type 347G(2) (LR 66); I-band (for Type 730).</p> <p><b>Navigation:</b> To be announced.</p>
<b>Sonars:</b>	H/SJD-9; hull-mounted; active search and attack; medium frequency.
<b>Combat data systems:</b>	To be announced. SATCOM.
<b>Weapon control systems:</b>	Mineral-ME (Band Stand) [Ref 5]; I-band (datalink for YJ-83).
<b>Helicopters:</b>	Platform only.

**Programmes:** The requirement for these ships arose from a need to address AAW deficiencies. It may predate the Luyang programmes and could have been delayed by procurement of the SAM system. The last steam turbine surface combatants built for the PLAN.

**Structure:** Design appears to be based on the Type 051B (Luhai). Less stealthy than the Type 052 (Luyang) classes, although the dimensions are similar. Two vertical launch system (VLS) launchers are installed in the platform in front of the bridge and four in the aft superstructure. The AAW system is controlled by a Tomb Stone (Flap Lid) phased-array radar installed on a structure behind the aft mast.

**Operational:** Unusual for ships of this size to lack the ability to embark a helicopter but the 4 aft missile silos occupy the space required for a hangar. Based in the North Sea Fleet.



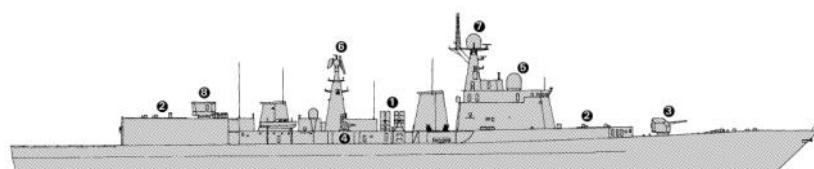
*SHENYANG (Ships of the World)*

1632217



*SHIJIAZHUANG (Japan MoD)*

1751522



*SHENYANG (Ian Sturton)*

1164337

## Maritime Safety Administration

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**UPDATED**

**Notes:** (1) The Maritime Safety Administration (MSA) belongs to the Ministry of Transport. MSA is responsible for the policy for and supervision of water safety and marine pollution prevention; safety and certification of Chinese flagged ships and foreign ships entering Chinese waters; qualifications and management of seafarers; navigational safety and aids to navigation and marine search and rescue. The agency is organised into 14 Regional MSAs along the coastline and Yangtze, Pearl and Heilongjiang rivers. The patrol force includes some 1,300 vessels (of which some 200 are more than 20 m long).

(2) In addition to the vessels listed, ships in excess of 60 m length include: Haixun 103 (95 m Shugong class).

(3) There are number of patrol boats of about 45 m, including Haixun 0613 (ex-091) (46 m), Haixun 0639 (46.5 m), Haixun 0717 (47 m), Haixun 0801 (46 m), and Haixun 1011 (49 m). Construction of five 45 m units started at Guangzhou Huangpu Shipyard in August 2019.

(4) There is a large fleet of Type 30 m patrol boats for SAR tasks, plus a riverine variant.

(5) There is at least one oil recovery ship, Haixun 0512 (ex-Haite 071) of about 60 m delivered in April 2012.

## Ming class (Type 035)

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(SS)**

**IN SERVICE: 15**

**UPDATED**

### Fleetlist

No
358
359
360
361
362
363
305
306
307
308
309
310

311	
312	
313	
<b>Ming</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
surfaced:	1609 tonnes (1583.6 (uk) t) (1773.6 t (short)) (1609000 kg)
dived:	2147 tonnes (2113.1 (uk) t) (2366.7 t (short)) (2147000 kg)
<b>Length</b>	
overall:	76 m (249.3 ft)
<b>Beam</b>	
overall:	7.6 m (24.9 ft)
<b>Draught</b>	
hull:	5.1 m (16.7 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	18 kt (33.3 km/h) (20.7 mph)
dived:	18 kt (33.3 km/h) (20.7 mph)
surfaced:	15 kt (27.8 km/h) (17.3 mph)
snortng:	10 kt (18.5 km/h) (11.5 mph)
<b>Range</b>	
dived:	330 n miles (611.2 km) (379.8 miles) at 4 kt (7.4 km/h) (4.6 mph)
snortng:	8000 n miles (14816.0 km) (9206.2 miles) at 8 kt (14.8 km/h) (9.2 mph)
<b>Capacity</b>	
<b>Complement</b>	

military	
crew:	57
officers:	10
<b>Machinery:</b>	Diesel-electric; 2 diesels; 5,200 hp(m) (3.82 MW); 2 shafts
<b>Firepower</b>	
<b>Torpedoes:</b>	8-533 mm (6 fwd, 2 aft) tubes. Yu-4A; wire-guided and passive homing to 15 km (8.1 n miles) at 40 kt; electric; warhead 309 kg; 16 weapons.
<b>Mines:</b>	32 in lieu of torpedoes.
<b>Radar:</b>	<b>Surface search:</b> Snoop Tray; I-band.
<b>Sonars:</b>	Pike Jaw; hull-mounted; active/passive search and attack; medium frequency DUUX 5; passive ranging and intercept; low frequency

**Programmes:** First three completed between 1971 and 1979 one of which was scrapped after a fire and another (232) has been decommissioned. These were Type ES5C/D. Building resumed at Wuhan Shipyard in 1987 at the rate of one per year to a modified design ES5E. The programme was thought to have ended with hull number 14 (363) launched in May 1996, but 305 was launched in June 1997 followed by 306 in September 1997, 307 in May 1998, 308 in October 1998, 310 in June 2000, 311 in September 2000, 312 in May 2001, and 313 in April 2002. Boats 309-313 are reported to be a further modified design.

**Structure:** Diving depth, 300 m (985 ft). Only the later models have the DUUX 5 sonar. Hull 20 is reported to have a 2 m extension to its machinery space. Early units have a small 'step' in the forward fin.

**Operational:** Basing: South (305-308, 310-313); North (356-363). Fitted with Magnavox SATNAV. All on board 361 (70 officers and men) killed in an accident in April 2003. The cause of the accident is believed to have been carbon monoxide poisoning. After repairs at Dalian, the submarine became operational again in 2004. Older units are being decommissioned as the number of Yuan class increases. Two refurbished boats (ex-356 and ex-357) sold to Bangladesh and handed over November 2016 at Lushun naval base.



*MING CLASS SILHOUETTE (Ian Sturton)*

1153064

# Modified Romeo class (Project 033G)

**Date Posted:** 12-Jan-2009

**Publication:** Jane's Fighting Ships  
**(SSG)**

**IN SERVICE:** 1

**ARCHIVED**

<b>No</b>
351
<b>Displacement, tons:</b> 1,650 surfaced; 2,100 dived
<b>Dimensions, feet (metres):</b> 251.3 × 22 × 17.1 (76.6 × 6.7 × 5.2)
<b>Main machinery:</b> Diesel-electric; 2 Type 37-D diesels; 4,000 hp(m) (2.94 MW); 2 motors; 2,700 hp(m) (1.98 MW); 2 creep motors; 2 shafts
<b>Speed, knots:</b> 13 dived; 15 surfaced; 10 snorting
<b>Complement:</b> 54 (10 officers)
<b>Missiles: SSM:</b> 6 YJ-8 (Eagle Strike) (C-801); three launchers either side of fin; inertial cruise; active radar homing to 40 km (22 <i>n miles</i> ) at 0.9 Mach; warhead 165 kg; sea-skimmer. May be replaced by C-802 in due course.
<b>Torpedoes:</b> 8-21 in (533 mm) (6 bow, 2 stern) tubes.
<b>Mines:</b> 28 in lieu of torpedoes.
<b>Radar:</b> Surface search: Snoop Plate and Snoop Tray; I-band.
<b>Sonars:</b> Hercules or Pike Jaw; hull-mounted; active/passive search and attack; medium frequency.

**Programmes:** This design, designated ES5G, is a modified Romeo (Wuhan) rebuilt as a trials SSM platform.

**Structure:** The six missile tubes are built into the casing abreast the fin and elevate to fire. To provide target acquisition an additional radar mast (Snoop Tray) is mounted between the two periscopes.

**Operational:** Has to surface to fire missiles although trials are reported to include an encapsulated missile which is launched from a torpedo tube while dived. Based in the North Sea Fleet and last reported doing trials in 1999. As there is no intention to fit this type of missile tube in other classes, the submarine may soon be scrapped.



*MOD ROMEO 351 (Xinhua)*

0506278



*MOD ROMEO CLASS SILHOUETTE (Ian Sturton)*

1153063

## Nanchang Q-5 (Fantan-A).

**Date Posted:** 19-Jan-2011

**Publication:** Jane's Fighting Ships

**IN SERVICE:** 35

**ARCHIVED**

<b>Operational speed:</b>	643 kt (1,190 km/h).
<b>Service ceiling:</b>	52,500 ft (16,000 m).
<b>Range:</b>	650 n miles (1,188 km).
<b>Role/Weapon systems:</b>	Strike aircraft developed from Shenyang J-6; operated in the beachhead and coastal shipping attack role. A-5M version adapted to carry two torpedoes or C-801 ASM. Weapons: Two 23 mm cannon, two cluster bombs, one or two air-to-air missiles. Capable of carrying 1 ton warload.



FANTAN-A (*Ships of the World*)

0554726

## Offshore patrol ship

**Date Posted:** 27-Feb-2019

**Publication:** Jane's Fighting Ships

(PSO)

**IN SERVICE:** 1

**ARCHIVED**

### Fleetlist

#### ship names

Haijing 3173 (ex-Haijian 73)

**Unknown1**

### Dimensions and weights

### Displacement

full load: 1178 tonnes (1159.4 (uk) t) (1298.5 t (short)) (1178000 kg)

<b>Length</b>	
overall:	74.0 m (242.8 ft)
<b>Beam</b>	
overall:	10.0 m (32.8 ft)
<b>Draught</b>	
hull:	3.4 m (11.2 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	17.5 kt (32.4 km/h) (20.1 mph)
<b>Machinery:</b>	2 diesels; 3,700 hp (2.76 MW); 1 shaft
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Former Type 614 II oceanographic survey ship of trawler design built by Guangzhou Shipyard in about 1971. Transferred to China Marine Surveillance in about 2010 and subsequently to the Coast Guard in 2013.

## Offshore patrol ship

**Date Posted:** 27-Dec-2013

**Publication:** Jane's Fighting Ships

(PSO)

**IN SERVICE:** 1

**ARCHIVED**

### Fleetlist

This information is unavailable.

**Unknown1**

**Dimensions and weights**

<b>Measurement</b>	
gross tonnage:	2421 tonnes (2382.8 (uk) t) (2668.7 t (short)) (2421000 kg)
<b>Length</b>	
overall:	94.73 m (310.8 ft)
<b>Beam</b>	
overall:	14.0 m (45.9 ft)
<b>Draught</b>	
hull:	5.0 m (16.4 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	16 kt (29.6 km/h) (18.4 mph)
<b>Machinery:</b>	2 Hudong 6ESDZ43/82C diesels; 4,000 hp (2.94 MW); 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Steel construction. Based in the East China Sea Branch.

## Offshore patrol ship

**Date Posted:** 27-Feb-2019

**Publication:** Jane's Fighting Ships

**(PBO)**

**IN SERVICE:** 2

**ARCHIVED**

### Fleetlist

ship names
Haijing 2041 (ex-Haijian 41)

Haijing 2044 (ex-Haijian 44)	<b>Unknown1</b>
<b>Dimensions and weights</b>	
<b>Measurement</b>	
gross tonnage: 201 tonnes (197.8 (uk) t) (221.6 t (short)) (201000 kg)	
<b>Length</b>	
overall:	36.2 m (118.8 ft)
<b>Beam</b>	
overall:	6.6 m (21.7 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	11 kt (20.4 km/h) (12.7 mph)
<b>Machinery:</b>	To be announced.
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Former survey ship built in about 1978. Transferred to China Marine Surveillance in about 2010 and subsequently to the Coast Guard in 2013.

## Offshore patrol ships

**Date Posted:** 27-Feb-2019

**Publication:** Jane's Fighting Ships

(PBO)

**IN SERVICE: 10**

**ARCHIVED**

**Fleetlist**

ship names
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Haijing 3076 (ex-Haijian 76)	
Haijing 3077 (ex-Haijian 77)	
Haijing 1031 (ex-Haijian 31)	
Haijing 2054 (ex-Haijian 54)	
Haijing 2056 (ex-Haijian 56)	
Haijing 2057 (ex-Haijian 57)	
Haijing 3078 (ex-Haijian 78)	
Haijing 3091 (ex-Haijian 91)	
Haijing 3094 (ex-Haijian 94)	
Haijing 3088 (ex-Haijian 88)	
<b>Unknown1</b>	
<b>Dimensions and weights</b>	
<b>Measurement</b>	
gross tonnage:	176 tonnes (173.2 (uk) t) (194.0 t (short)) (176000 kg)
<b>Length</b>	
overall:	36.2 m (118.8 ft)
<b>Beam</b>	
overall:	6.6 m (21.7 ft)
<b>Draught</b>	
hull:	3.2 m (10.5 ft)
<b>Machinery:</b>	1 diesel; 400 hp (294 kW); 1 shaft
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Former survey ships of trawler design built by Qiuxin Shipyard, Shanghai, in about 1966. Transferred to China Marine Surveillance in about 2010 and subsequently to the Coast Guard in 2013.

# **Payi (Type 724) class**

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(LANDING CRAFT-AIR CUSHION) (LCAC)**

**IN SERVICE: 12**

*UPDATED*

## **Fleetlist**

No
3310
3311
3312
8530
8531
8532
8533
8534
8535
8536
8537
8538
<b>Payi</b>

## **Dimensions and weights**

## **Displacement**

standard: 6.5 tonnes (6.4 (uk) t) (7.2 t (short)) (6500 kg)

## **Length**

on cushion:	12.4 m (40.7 ft)
<b>Beam</b>	
on cushion:	4.7 m (15.4 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	40 kt (74.1 km/h) (46.0 mph)
<b>Range</b>	
standard:	100 n miles (185.2 km) (115.1 miles) at 35 kt (64.8 km/h) (40.3 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	3 (est.)
<b>Military lift:</b>	10 troops
<b>Machinery:</b>	2 BF12L913C diesels; 760 hp (566 kW)

Comment: A class of small air cushion landing craft design, which entered service from 1994.

The craft are operated from the Yukan and Yuting classes of LST. The Type 724 LCAC has three compartments: a space for 10 troops in an unprotected area forward, a control compartment in the middle, and engine room aft. Two diesels provide power to drive the air-cushion blowers and the air propellers are located within ring shrouds at the stern.

## Pomornik (Zubr) (Project 1232.2) (Type 958) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(ACVM/LCUJM)**

**IN SERVICE:** 6

**UPDATED**

## Fleetlist

No	Builders	Commissioned		
3325	/ Feodosiya Shipbuilding Co	2015		
3326	/ Feodosiya Shipbuilding Co	2015		
3327	/ Huangpu Shipyard , Guangzhou	2017		
3328	/ Huangpu Shipyard , Guangzhou	2018		
<b>Pomornik</b>				
<b>Dimensions and weights</b>				
<b>Displacement</b>				
full load:	559 tonnes (550.2 (uk) t) (616.2 t (short)) (559000 kg)			
<b>Length</b>				
overall:	57.6 m (189.0 ft)			
<b>Beam</b>				
overall:	25.6 m (84.0 ft)			
<b>Performance</b>				
<b>Speed</b>				
top speed:	63 kt (116.7 km/h) (72.5 mph)			
<b>Range</b>				
standard:	300 n miles (555.6 km) (345.2 miles) at 55 kt (101.9 km/h) (63.3 mph)			
<b>Capacity</b>				
<b>Complement</b>				
military				
crew:	31			
officers:	4			
<b>Military lift:</b>	3 MBT or 10 APC plus 230 troops (total 130 tonnes)			

<b>Machinery:</b>	Zorya-Mashproekt DP-71 gas turbines; two for lift: 20,000 hp (15 MW); three for drive: 30,000 hp (22.4 MW)
<b>Firepower</b>	
<b>Missiles:</b>	<b>SAM:</b> 9K32 Strela-2 (SA-N-5 Grail); 2 quad launchers for 9M32 missiles; manual aiming, IR homing to 2.2 km (1.2 n miles) at Mach 1.26; altitude up to 1,500; warhead 1.17 kg.
<b>Guns:</b>	2 AK-630M 30 mm/65; 6 barrels per mounting; 5,000 rds/min combined to 4 km (2.2 n miles); weight of shell 0.39 kg.
<b>Rockets:</b>	2 A-22 Ogon 140 mm; 22-barrelled rocket launchers.
<b>Mines:</b>	2 rails can be carried for 80.
<b>Physical countermeasures:</b>	<b>Decoys:</b> MS227 chaff launcher.
<b>Electronic countermeasures:</b>	<b>ESM:</b> Tool Box; intercept.
<b>Radars:</b>	<b>Surface search:</b> Curl Stone; I-band. <b>Fire control:</b> MR-123 Vypel/Bagira (Bass Tilt); I-band. <b>IFF:</b> Salt Pot A/B. Square Head.
<b>Weapon control systems:</b>	Quad Look (DWU-3) (modified Squeeze Box) optronic director.

**Comment:** Negotiations with Almaz, St Petersburg, for the procurement of the world's largest air cushion landing craft were first reported during 2005. Discussions with Ukraine were opened in 2008 and it was announced on 7 August 2009 that four vessels were to be procured, with the first two to be constructed at Morye Shipyard, Ukraine and the second two are to be built in China. The first of class was delivered by heavy lift ship in November 2012 and the second in March 2014. Construction of the first locally assembled version at the Huangpu shipyard in Guangzhou took a protracted period. This is likely to have been a consequence of the Russian annexation of the Crimea (including Feodosiya), with Russia and China apparently negotiating a new agreement, although many parts are manufactured in Ukraine. The first domestic craft successfully completed sea trials in March 2017. Note: details of the craft are as for those in Russian service and Chinese specifications may be different.



ZUBR 3325 (*Annati Collection*)

1629723

## Qiongsha class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(AH)**

**IN SERVICE:** 1

**UPDATED**

### Fleetlist

No
832 (ex-Nan Yun 830 , ex-Nan Yi 09)
<b>Qiongsha</b>
<b>Dimensions and weights</b>
<b>Displacement</b>
full load: 2185 tonnes (2150.5 (uk) t) (2408.6 t (short)) (2185000 kg)
<b>Length</b>
overall: 86 m (282.2 ft)
<b>Beam</b>
overall: 13.5 m (44.3 ft)

<b>Draught</b>	
hull:	4 m (13.1 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	16 kt (29.6 km/h) (18.4 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	59
<b>Military lift</b>	
dry cargo	
dry cargo type:	general cargo
<b>Machinery:</b>	3 SKL 8 NVD 48 A-2U diesels; 3,960 hp(m) (2.91 MW) sustained; 3 shafts
<b>Firepower</b>	
<b>Guns:</b>	8 14.5 mm/93 (4 twin).
<b>Radar:</b>	<b>Navigation:</b> Fin Curve; I-band.

**Comment:** Two hospital ships were completed in 1980-81 using Qiongsha military transport ship (AP) hull. 833 was decommissioned in 2013. Based in South Sea Fleet.



*QIONGSHA CLASS SILHOUETTE (Ian Sturton)*

1164378

## Renhai (Type 055) class

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**(DDGHM)**

IN		<b>SERVICE:</b>	1
<b>BUILDING:</b>			7
<b>PROPOSED/TRANSFER: 2</b>			

**UPDATED**

### Fleetlist

<b>ship names</b>	<b>No</b>	<b>Builders</b>	<b>Laid down</b>	<b>Launched</b>	<b>Commissioned</b>
Nanchang	101	/ Jiangnan Shipyard , Changxingdao	2014	28 Jun 2017	12 Jan 2020
Lasa	102	/ Jiangnan Shipyard , Changxingdao	2015	28 Apr 2018	2020
Yan'an	103	/ Dalian Shipyard Industry Company	2016	3 Jul 2018	
	104	/ Dalian Shipyard Industry Company	2016	3 Jul 2018	

### **Renhai**

#### **Dimensions and weights**

#### **Displacement**

standard: 11000 tonnes (10826.3 (uk) t) (12125.4 t (short)) (11000000 kg)

full load: 13000 tonnes (12794.7 (uk) t) (14330.0 t (short)) (13000000 kg)

#### **Length**

overall: 180.0 m (590.6 ft)

#### **Beam**

overall: 21 m (68.9 ft)

#### **Draught**

hull: 6.6 m (21.7 ft)

#### **Performance**

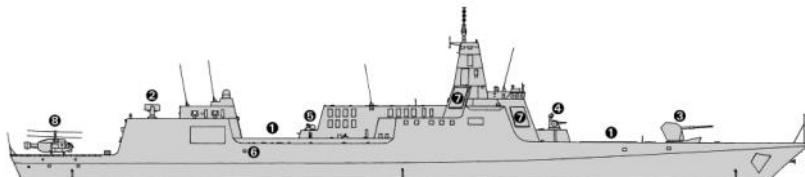
<b>Speed</b>	
top speed:	30 kt (55.6 km/h) (34.5 mph)
<b>Range</b>	
standard:	5000 n miles (9260.0 km) (5753.9 miles) at 12 kt (22.2 km/h) (13.8 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	280
officers:	30
<b>Machinery:</b>	COGAG: 4 QC-280 gas turbines; 150,000 hp (112 MW); 2 shafts; cp props
<b>Firepower</b>	
<b>Missiles:</b>	<p>112-cell Universal VLS (64 fwd, 48 aft) for a mix of SLCM, SSM, and SAM [Ref 1].</p> <p><b>SLCM:</b> CJ-10 derivative, land-attack; inertial guidance with satellite reference updates to 2,000 km (1,080 n miles) at Mach 0.67, warhead HE 500 kg or nuclear (est).</p> <p><b>SSM:</b> YJ-18A (CH-SS-NX-13); inertial guidance with satellite reference updates and active radar terminal homing to 537 km (290 n miles) (est.) at Mach 0.8 (cruise) and Mach 3 (attack); warhead 200 kg.</p> <p><b>YJ-100:</b> inertial guidance with satellite reference updates to 800+ km (432 n miles) at Mach 0.9 (est); (VLS launched).</p> <p><b>SAM:</b> HHQ-9A/B; command guidance and semi-active radar terminal homing to 150 km (81 n miles) at Mach 3; warhead 90 kg; (VLS launched) [Ref 1]. 1 HHQ-10 24-cell launcher; passive IR/anti-radiation homing to 9 km (4.9 n miles) [Ref 2].</p>
<b>Guns:</b>	1 H/PJ-38 130 mm/70. [Ref 3]. 1 H/PJ-11 (Type 1130) 30 mm; 11 barrels per mounting; 10,000 rds/min combined to 4 km (2.2 n miles) [Ref 4]. 2-30 mm [Ref 5].
<b>Torpedoes:</b>	6 (2 triple) tubes [Ref 6].
<b>Physical countermeasures:</b>	<b>Decoys:</b> 4 Type 726 24-tubed launchers.
<b>Radar:</b>	<p><b>Air search/fire control:</b> Type 346B (Dragon Eye) [Ref 7]; E/F-band.</p> <p><b>Surface search:</b> To be announced.</p> <p><b>Navigation:</b> To be announced.</p>

<b>Sonars:</b>	Bow mounted. VDS and towed array.
<b>Combat data systems:</b>	To be announced.
<b>Helicopters:</b>	2 helicopters [Ref 8].

**Programmes:** The Type 055 programme is for a class of conventionally-powered destroyers. The ships' sensors are likely to be based on the Type 346 (Dragon Eye) radar while armaments include 112 (64 forward, 48 aft) vertical launch tubes for a mixture of land-attack, anti-ship, and surface-to-air missiles. Construction of the first ship began at Jiangnan Shipyard, Changxingdao (near Shanghai), in December 2014 and of a second ship in 2015. Two further ships were under construction at Dalian, and ships five and six had been started by January 2018 at Jiangnan Shipyard. The first ship was launched June 2017, the second in April 2018, and the third and fourth in July 2018, the fifth in September 2019, and the sixth in December 2019. Sea trials of the first of class commenced in 2018.

**Structure:** Early indications are that the new ships are to be upscaled and modernised versions of the Luyang III class. The ships feature an integrated mast housing a number of flat panel arrays.

**Operational:** The principal role of this large scale, high-capability class is likely to be carrier battle group protection, comparable to the 'air-defence commander' role of the US Navy's Ticonderoga-class cruisers. 101 assigned to the Northern Fleet.



*RENHAI CLASS (Ian Sturton)*

1707322

## Romeo class (Project 033)

**Date Posted:** 12-Jan-2009

**Publication:** Jane's Fighting Ships

(SS)

**IN SERVICE:** 7

**ARCHIVED**

<b>Displacement, tons:</b>	1,475 surfaced; 1,830 dived
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<b>Dimensions, feet (metres):</b>	251.3 × 22 × 17.1 (76.6 × 6.7 × 5.2)
<b>Main machinery:</b>	Diesel-electric; 2 Type 37-D diesels; 4,000 hp(m) ( <i>2.94 MW</i> ); 2 motors; 2,700 hp(m) ( <i>1.98 MW</i> ); 2 creep motors; 2 shafts
<b>Speed, knots:</b>	15.2 surfaced; 13 dived; 10 snortng
<b>Range, n miles:</b>	9,000 at 9 kt surfaced
<b>Complement:</b>	54 (10 officers)
<b>Torpedoes:</b>	8-21 in ( <i>533 mm</i> ) (6 bow, 2 stern) tubes. Combination of Yu-4 (SAET-50); passive homing to 15 km ( <i>8.1 n miles</i> ) at 30 kt; warhead 309 kg and Yu-1 (53-51) to 9.2 km ( <i>5 n miles</i> ) at 39 kt or 3.7 km ( <i>2.1 n miles</i> ) at 55 kt; warhead 400 kg. 14 weapons
<b>Mines:</b>	28 in lieu of torpedoes
<b>Radar:</b> Surface search:	Snoop Plate or Snoop Tray; I-band
<b>Sonars:</b>	Hercules or Tamir 5; hull-mounted; active/passive search and attack; high frequency.
Thomson Sintra DUUX 5 intercept in some of the class	

- Programmes:** The first boats of this class were built at Jiangnan SY, Shanghai in mid-1962 with Wuhan being used later. The basic Romeo class design has evolved from the Type 031 (ES3B). Construction stopped around 1987 with the resumption of the Ming class programme. A total of 84 was built.
- Modernisation:** Some boats have French passive ranging sonar.
- Structure:** Diving depth, 300 m (*984 ft*). There are probably some dimensional variations between newer and older ships of the class.
- Operational:** Operational numbers are declining as these obsolete submarines are being scrapped. There are none in reserve and remaining boats are probably used for training but expected to be decommissioned soon.
- Sales:** Seven to North Korea in 1973-75. Two to Egypt in 1982, two in 1984. All new construction.



*ROMEO 272 (van Ginderen Collection)*

0506279



*ROMEO CLASS SILHOUETTE (Ian Sturton)*

1153062

## Roslavl (Type 852) class

**Date Posted:** 20-Nov-2018

**Publication:** Jane's Fighting Ships

**(ATA/ARS)**

**IN SERVICE: 13**

***ARCHIVED***

### Fleetlist

No
167
168
618
630

631

704

716

852

853

854

862

863

867

## Roslavl

### Dimensions and weights

#### Displacement

full load: 681 tonnes (670.2 (uk) t) (750.7 t (short)) (681000 kg)

#### Length

overall: 45.7 m (149.9 ft)

#### Beam

overall: 9.5 m (31.2 ft)

#### Draught

hull: 4.6 m (15.1 ft)

### Performance

#### Speed

top speed: 12 kt (22.2 km/h) (13.8 mph)

#### Range

standard: 6000 n miles (11112.0 km) (6904.7 miles) at  
11 kt (20.4 km/h) (12.7 mph)

<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	28
<b>Machinery:</b>	Diesel-electric; 2 diesel generators; 1,200 hp(m) (882 kW); 1 motor; 1 shaft
<b>Firepower</b>	
<b>Guns:</b>	4-14.5 mm (2 twin) MGs.

**Comment:** Built in China in mid-1960s to the USSR design. One carries diving bell and submarine rescue gear on stern and is classified as ARS. Basing: 618, 630, 631, 704, and 716 in the North Sea Fleet; 852, 853, 854, 862, 863, and 867 in the East Sea Fleet; 167 and 168 in the South Sea Fleet. Some ships may have been decommissioned.



*ROSLAVL 852*

1629726



*ROSLAVL CLASS SILHOUETTE (Ian Sturton)*

1483024

# SAC J-8F (Finback).

**Date Posted:** 06-Mar-2019

**Publication:** Jane's Fighting Ships

**IN SERVICE:** 24

**ARCHIVED**

<b>Operational speed:</b>	701 kt (1,300 km/h).
<b>Service ceiling:</b>	59,050 ft (18,000 m).
<b>Range:</b>	1,187 n miles (2,200 km).
<b>Role/Weapon systems:</b>	All-weather fighter with secondary air-to-surface capability. Evolved from MIG-21 with J-8F entering service in early 2000s. Sensors: track-while-scan pulse Doppler radar. Weapons: PL-2, PL-8, PL-12 AAMs, 23 mm twin-barrel cannon. PL-2 has some anti-ship missile capability.



J-8

1366765

# SAC J-11B/J-11BS

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**IN SERVICE:** 43/17

**UPDATED**

<b>Operational speed:</b>	1,555 kt (2,878 km/h).
<b>Service ceiling:</b>	63,523 ft (19,000 m).
<b>Range:</b>	2,070 n miles (3,530 km).
<b>Role/Weapon systems:</b>	J-11B: single-seat multirole fighter. J-11BS: two-seat trainer. Operated by PLANAF's 22nd, 24th and 25th air regiments. Indigenously developed version of the Sukhoi Su-27 Flanker. Performance details not confirmed. Sensors: multimode pulse Doppler radar. Weapons: 10 external hardpoints. PL-8, PL-12 AAMs. YJ-91 ASM, laser or GPS guided bombs. 30 mm cannon.

## SAC J-15 (Flying Shark).

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**IN SERVICE:** 22

**UPDATED**

<b>Operational speed:</b>	1,240 kt (2,296 km/h).
<b>Service ceiling:</b>	55,700 ft (16,977 m).
<b>Range:</b>	1,600 n miles (2,963 km).
<b>Role/Weapon systems:</b>	Primary role training aircrew for carrier operations. Derivative of Su-33 and development of J-11B. Maiden flight 2009, first carrier deck landings/take-offs (ski-jump) October/November 2012. Seven prototypes and 24 production aircraft manufactured by end 2017, although two aircraft lost in accidents. Tandem two-seat trainer (J-15S) began flight testing November 2012. Catapult capable variant with modified nose wheel under development and being used on catapult trials facilities at Huangdicun airbase. EW variant possibly also under development and new wingtip EW pod noted about April 2018. 12 hardpoints for external stores.

## SAC Y-8/Y-9 surveillance aircraft

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**IN SERVICE: 19**

**UPDATED**

<b>Operational speed:</b>	297 kt (550 km/h).
<b>Service ceiling:</b>	34,120 ft (10,400 m).
<b>Range:</b>	3,020 n miles (5,600 km).
<b>Role/Weapon systems:</b>	Derivative of Antonov An-12 Cub transport; first flown 1985. Development programme for special mission aircraft, known as Gao Xin (GX) (New High). Y-8X: four aircraft equipped with Litton AN/APS-504(V)3 radar. Y-8JB (GX-2): four aircraft equipped for ELINT operations. Y-8Q/KQ-200 (GX-6): MPA with chin-mounted surface search radar and distinctive MAD tail boom; in-service numbers growing as platform in serial production. Y-9JB (GX-8): 7 ELINT-equipped aircraft based on improved platform (Y-9). The PLANAF also operates AEW&C aircraft based on the Y-8/9 series airframes.



*Y-8JB (Ships of the World)*

1406685

## Sail training ship

**Date Posted:** 10-Sep-2019

**Publication:** Jane's Fighting Ships

(AXS)

**IN SERVICE: 1**

**UPDATED**

### Fleetlist

ship names	No	Builders	Laid down	Launched	Commissioned

Polang	86	/ Guangzhou Shipyard International	May 2016	2017	2018
<b>Unknown1</b>					
<b>Dimensions and weights</b>					
<b>Displacement</b>					
standard: 1200 tonnes (1181.0 (uk) t) (1322.8 t (short)) (1200000 kg)					
<b>Measurement</b>					
gross tonnage: 995 tonnes (979.3 (uk) t) (1096.8 t (short)) (995000 kg)					
<b>Length</b>					
overall: 66.5 m (218.2 ft)					
<b>Beam</b>					
overall: 11.1 m (36.4 ft)					
<b>Performance</b>					
<b>Speed</b>					
top speed: 12 kt (22.2 km/h) (13.8 mph)					
<b>Machinery:</b> 1 diesel; 1 shaft					
<b>Firepower</b>					
<b>Radar:</b> <b>Navigation:</b> To be announced.					

**Comment:** The keel of a new sail training ship, the first for the PLA(N), was laid down at Guangzhou Shipyard, Longxue Island, in May 2016. With a sail area of about 2,500 m<sup>2</sup>, the ship, which may be based on a Damen design, is reported to be capable of training 50 cadets. The launch was not openly announced but satellite imagery shows the ship in the water by 18 January 2018. Assigned to the Naval Academy in Dalian.



*POLANG (computer graphic) (navy.81.cn)*

1684464

## Shang class (Type 093/093A/093B)

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

(SSN)

Shang	(Type	093)
IN	SERVICE:	2
Shang	(Type	093A)
IN	SERVICE:	1
Shang	(Type	093B)
IN SERVICE: 3		

**UPDATED**

### Fleetlist

ship names	No	Builders	Laid down	Launched	Commissioned
Changzheng 07	407	/ Bohai Shipyard , Huludao	1994	24 Dec 2002	Dec 2006
Changzheng 08	408	/ Bohai Shipyard , Huludao	2000	Dec 2003	Jun 2007
Changzheng 13	413	/ Bohai Shipyard , Huludao	2009	2012	2015

Changzheng 14	414	/ Bohai Shipyard , Huludao	2010	2013	2016					
Changzheng 15	418	/ Bohai Shipyard , Huludao	2011	2015	2017					
Changzheng 16	419	/ Bohai Shipyard , Huludao	2011	2016	2018					
<b>Shang (Type 093), Shang (Type 093A), Shang (Type 093B)</b>										
<b>Dimensions and weights</b>										
<b>Displacement</b>										
dived:	6096 tonnes (5999.7 (uk) t) (6719.7 t (short)) (6096000 kg)									
<b>Length</b>										
overall:	106 m (347.8 ft)									
<b>Beam</b>										
overall:	11.5 m (37.7 ft)									
<b>Draught</b>										
hull:	7.5 m (24.6 ft)									
<b>Performance</b>										
<b>Speed</b>										
top speed:	30 kt (55.6 km/h) (34.5 mph)									
dived:	30 kt (55.6 km/h) (34.5 mph)									
<b>Capacity</b>										
<b>Complement</b>										
military										
crew:	100									
<b>Machinery:</b>	Nuclear: 1 PWR; 150 MW; 2 turbines; 1 shaft									
<b>Firepower</b>										

<b>Missiles:</b>	<b>SSM:</b> YJ-82 inertial guidance and active radar terminal homing to 33.3 km (18 n miles) at Mach 0.9; warhead 165 kg; sea-skimmer. Sub-launched versions of YJ-18 and CJ-10 may be carried.
<b>Torpedoes:</b>	6-533 mm bow tubes; combination of Yu-3 II; active/passive homing to 13 km (7 n miles) at 35 kt; electric; warhead 205 kg; depth to 350 m and Yu-4B; wire-guided and active/passive homing to 15 km (8.1 n miles) at 40 kt; electric; warhead 309 kg.
<b>Physical countermeasures:</b>	Decoys.
<b>Electronic countermeasures:</b>	ESM.
<b>Radars:</b>	<b>Surface search/navigation:</b> Type 359; I-band.
<b>Sonars:</b>	Hull mounted passive/active; flank array; passive intercept array. Towed array (from hull 414 onwards).

**Programmes:** Designed in conjunction with Russian experts. The first two boats (Type 093, locally also 09III) entered service in 2006 and 2007, and are known as the Shang I class. At least one modified boat (Type 093A) is reported to have entered service about 2015. Design features include hydrodynamic improvements to the sail. Three further modified boats (Type 093B) are reported. These boats feature a hump aft of the sail. Initial reports of a hull stretch and installation of vertical launch tubes in 093B were not supported by imagery released.

**Operational:** Two Type 093B participated in the PLA Navy parade in April 2018.



*SHANG CLASS (Ships of the World)*

1748543



*SHANG CLASS (Ships of the World)*

1632220



*TYPE 093B (Ships of the World)*

1741950

## Shanghai II (Type 062) class

**Date Posted:** 12-Feb-2013

**Publication:** Jane's Fighting Ships

**(FAST ATTACK CRAFT-GUN) (PC)**

**IN SERVICE:** 35

**ARCHIVED**

### Fleetlist

This information is unavailable.

Shanghai II	
<b>Dimensions and weights</b>	
standard:	115 tonnes (113.2 (uk) t) (126.8 t (short)) (115000 kg)
full load:	136 tonnes (133.9 (uk) t) (149.9 t (short)) (136000 kg)
<b>Length</b>	
overall:	38.8 m (127.3 ft)
<b>Beam</b>	
overall:	5.4 m (17.7 ft)
<b>Draught</b>	
hull:	1.7 m (5.6 ft)

<b>Performance</b>	
<b>Speed</b>	
top speed:	30 kt (55.6 km/h) (34.5 mph)
<b>Range</b>	
standard:	700 n miles (1296.4 km) (805.5 miles) at 16.5 kt (30.6 km/h) (19.0 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	38
<b>Machinery:</b>	2 Type L-12V-180 diesels; 2,400 hp(m) (1.76 MW) (forward); 2 Type 12-D-6 diesels; 1,820 hp(m) (1.34 MW) (aft); 4 shafts
<b>Firepower</b>	
<b>Guns:</b>	4 China 37 mm/63 (2 twin); 180 rds/min to 8.5 km (4.6 n miles); weight of shell 1.42 kg. 4 USSR 25 mm/60 (2 twin); 270 rds/min to 3 km (1.6 n miles) anti-aircraft; weight of shell 0.34 kg. Some are fitted with a twin 57 mm/70, some have a twin 75 mm Type 56 recoilless rifle mounted forward and some have a twin 14.5 mm MG.
<b>Mines:</b>	Mine rails can be fitted for 10 mines.
<b>Depth charges:</b>	2 projectors; 8 weapons.
<b>Radars:</b>	<b>Surface search:</b> Skin Head; E/F-band or Pot Head; I-band. <b>IFF:</b> High Pole.
<b>Sonars:</b>	Hull-mounted active sonar or VDS in some.

- Programmes:** Construction began in 1961 and continued at Shanghai and other yards at rate of about 10 a year for 30 years before being replaced by the Type 062/1G Haizhui class.
- Structure:** The five versions of this class vary slightly in the outline of their bridges. A few of the class have been reported as fitted with RBU 1200 anti-submarine mortars.
- Operational:** Evenly divided between the three Fleets. Reported but not confirmed that up to 20 have been converted to sweep mines. Numbers continue to decline.

**Sales:** Eight to North Vietnam in May 1966, plus Romanian craft of indigenous construction. Seven to Tanzania in 1970-71, six to Guinea, 12 to North Korea, 12 to Pakistan, five to Sri Lanka in 1972, two to Tunisia in 1977, six to Albania, eight to Bangladesh in 1980-82, three to Congo, four to Egypt in 1984, three to Sri Lanka in 1991, two to Tanzania in 1992. Many of the earlier craft have since been deleted.



*SHANGHAI II (Sri Lankan colours)*

0012772

## Shengli class

**Date Posted:** 02-Nov-2018

**Publication:** Jane's Fighting Ships

**(AOT)**

**IN SERVICE:** 2

**ARCHIVED**

**Fleetlist**

<b>No</b>
620
621
<b>Shengli</b>
<b>Dimensions and weights</b>
<b>Displacement</b>
standard: 3353 tonnes (3300.0 (uk) t) (3696.0 t (short)) (3353000 kg)
full load: 5029 tonnes (4949.6 (uk) t) (5543.5 t (short)) (5029000 kg)
<b>Length</b>
overall: 101 m (331.4 ft)
<b>Beam</b>
overall: 13.8 m (45.3 ft)
<b>Draught</b>
hull: 5.5 m (18.0 ft)
<b>Performance</b>
<b>Speed</b>
top speed: 14 kt (25.9 km/h) (16.1 mph)
<b>Range</b>
standard: 2400 n miles (4444.8 km) (2761.9 miles) at 11 kt (20.4 km/h) (12.7 mph)
<b>Capacity</b>
<b>Complement</b>
military
crew: 48
<b>Cargo capacity:</b> 3,400 tons dieso

<b>Machinery:</b>	1 6 ESDZ 43/82B diesel; 2,600 hp(m) (1.91 MW); 1 shaft
<b>Firepower</b>	
<b>Guns:</b>	2-37 mm/63 (twin). 4-25 mm/80 (2 twin).
<b>Radar:</b>	<b>Navigation:</b> Fin Curve; I-band.

**Comment:** Built at Hudong SY, Shanghai in late 1970s. Others of the class in commercial service. Both based in the East Sea Fleet.



*SHENGLI CLASS SILHOUETTE (Ian Sturton)*

1164366

## Shenyang J-6 (MiG-19 Farmer).

**Date Posted:** 05-Dec-2006

**Publication:** Jane's Fighting Ships

**IN SERVICE:** 200

**ARCHIVED**

<b>Operational speed:</b>	831 kt (1,540 km/h).
<b>Service ceiling:</b>	58,725 ft (17,900 m).
<b>Range:</b>	1,187 n miles (2,200 km).
<b>Role/Weapon systems:</b>	Strike fighter for Fleet air defence and anti-shipping strike. Weapons: Fleet air defence role; four AA-1 ('Alkali') beam-riding missiles. Attack; some 1,000 kg of underwing bombs or depth charges, PL-2 missile has anti-ship capability.

## Shubian class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

# (WPSOH)

IN SERVICE: 2

**UPDATED**

## Fleetlist

ship names	
Haixun 31	
Haixun 11	
Shubian	
Dimensions and weights	
Displacement	
full load:	3133 tonnes (3083.5 (uk) t) (3453.5 t (short)) (3133000 kg)
Measurement	
gross tonnage:	3383 tonnes (3329.6 (uk) t) (3729.1 t (short)) (3383000 kg)
Length	
overall:	112.8 m (370.1 ft)
Beam	
overall:	13.8 m (45.3 ft)
Draught	
hull:	4.4 m (14.4 ft)
Performance	
Speed	
top speed:	22 kt (40.7 km/h) (25.3 mph)
Range	
standard:	6000 n miles (11112.0 km) (6904.7 miles) at 18 kt (33.3 km/h) (20.7 mph)
Machinery:	2 Wärtsilä 8L38B diesels; 15,782 hp (11.61 MW); 2 shafts

<b>Firepower</b>	
<b>Radar:</b>	Navigation.
<b>Helicopters:</b>	1 medium.

**Comment:** *Haixun 31* built by Guangzhou Shipyard, launched in June 2004, and entered service on 22 February 2005. *Haixun 11* built by Huanghai Shipbuilding, Roncheng, launched in February 2009, and entered service on 28 September 2009. Steel construction. Details reflect *Haixun 31*. *Haixun 11* has a hull stretch to 114.4 m, and displacement of about 3,249 tonnes. The ships are equipped with a hangar and flight deck.



*HAIXUN 31* (Annati Collection)

1366161

## Shucha I class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(WPSO/AGOR)**

**IN SERVICE:** 2

**UPDATED**

### Fleetlist

ship names	Builders	Laid down	Launched	Commissioned
Haijing 3383 (ex-Haijian 83 , ex-Hai Ce 3301)	/ Jiangnan Shipyard , Shanghai	24 Jun 2004	15 Oct 2004	8 Aug 2005
Haijing 2350 (ex-Haijian 50 , ex-Xiagyanghong 19)	/ Wuchang Shipyard , Wuhan	30 Jun 2010	2 Mar 2011	23 Jul 2011
<b>Shucha I</b>				
<b>Dimensions and weights</b>				

<b>Measurement</b>	
gross tonnage:	3216 tonnes (3165.2 (uk) t) (3545.0 t (short)) (3216000 kg)
<b>Length</b>	
overall:	98.0 m (321.5 ft)
<b>Beam</b>	
overall:	15.2 m (49.9 ft)
<b>Draught</b>	
hull:	5.0 m (16.4 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	18 kt (33.3 km/h) (20.7 mph)
<b>Machinery:</b>	2 MAN 9L21/31 diesels; 5,262 hp (3.29 MW); 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<p><b>Surface search:</b> E/F-band.</p> <p><b>Navigation:</b> I-band.</p>

**Comment:** Steel construction. Both ships reported as undertaking research tasks.



*HAIJING 2350 (Ships of the World)*

1525667

## Shucha II class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(WPSOH)****IN SERVICE: 10*****UPDATED*****Fleetlist**

<b>ship names</b>	<b>Builders</b>	<b>Launched</b>	<b>Commissioned</b>
Haijing 2305	/ Wuchang Shipyard , Wuhan	30 Dec 2013	31 Jul 2014
Haijing 3306	/ Huangpu Shipyard , Guangzhou	23 Jan 2014	17 Jul 2014
Haijing 6303 (ex-Haijing 1306)	/ Huangpu Shipyard , Guangzhou	4 May 2014	16 Oct 2014
Haijing 2306	/ Wuchang Shipyard , Wuhan	26 May 2014	18 Nov 2014
Haijing 1302 (ex-Haijing 2307)	/ Wuchang Shipyard , Wuhan	Jun 2014	19 Dec 2014
Haijing 6302 (ex-Haijing 1305)	/ Wuchang Shipyard , Wuhan	Sep 2014	2015
Haijing 1307	/ Huangpu Shipyard , Guangzhou	18 Sep 2014	16 Dec 2014
Haijing 1301 (ex-Haijing 2308)	/ Wuchang Shipyard , Wuhan	21 Oct 2014	25 Apr 2015
Haijing 3307	/ Huangpu Shipyard , Guangzhou	17 Jul 2014	21 Nov 2014
Haijing 3308	/ Huangpu Shipyard , Guangzhou	18 Sep 2014	29 Dec 2014

**Shucha II****Dimensions and weights****Measurement**

gross tonnage: 3980 tonnes (3917.1 (uk) t) (4387.2 t (short)) (3980000 kg)

**Length**

overall: 98.0 m (321.5 ft)

**Beam**

overall:	15.2 m (49.9 ft)
<b>Draught</b>	
hull:	5.2 m (17.1 ft)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	80
<b>Machinery:</b>	Diesel-electric; 2 podded propulsors; 2 bow thrusters
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.
<b>Helicopters:</b>	Platform for 1 medium.

**Comment:** New offshore patrol ships. Design features include a helicopter deck and hangar. There are two groups of water cannons forward of the bridge.



*HAIJING 1302 (Japan Coast Guard)*

1763907



*HAIJING 1301 (Japan Coast Guard)*

1763906



HAIJING 2305 (*Ships of the World*)

1531274

## Shuguang class

**Date Posted:** 13-Feb-2013

**Publication:** Jane's Fighting Ships

**(ex-T 43) (AGOR/AGS)**

**IN SERVICE:** 1

***ARCHIVED***

### Fleetlist

	No
203	
	Shuguang
<b>Dimensions and weights</b>	
<b>Displacement</b>	
standard:	508 tonnes (500.0 (uk) t) (560.0 t (short)) (508000 kg)
full load:	579 tonnes (569.9 (uk) t) (638.2 t (short)) (579000 kg)
<b>Length</b>	
overall:	58 m (190.3 ft)
<b>Beam</b>	
overall:	8.8 m (28.9 ft)

<b>Draught</b>	
hull:	3.5 m (11.5 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	15 kt (27.8 km/h) (17.3 mph)
<b>Range</b>	
standard:	5300 n miles (9815.6 km) (6099.1 miles) at 8 kt (14.8 km/h) (9.2 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	60 (est.)
<b>Machinery:</b>	2 PRC/Kolomna Type 9-D-8 diesels; 2,000 hp(m) (1.47 MW) sustained; 2 shafts

**Comment:** Converted from ex-Soviet T 43 minesweeper in late 1960s. Painted white. This last survivor is based in the North Sea Fleet.



SHUGUANG 203 (*van Ginderen Collection*)

0012980

# Shuguang class

**Date Posted:** 27-Feb-2019

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIPS) (PSO)**

**IN SERVICE:** 4

***ARCHIVED***

## Fleetlist

ship names
Haijing 2147 (ex-Haijian 47)
Haijing 2162 (ex-Haijian 62)
Haijing 1111 (ex-Haijian 11)
Haijing 2142 (ex-Haijian 42)
<b>Shuguang</b>

## Dimensions and weights

### Displacement

standard: 778 tonnes (765.7 (uk) t) (857.6 t (short)) (778000 kg)

### Length

overall: 65.3 m (214.2 ft)

### Beam

overall: 9.2 m (30.2 ft)

### Draught

hull: 2.8 m (9.2 ft)

## Performance

### Speed

top speed: 13.5 kt (25.0 km/h) (15.5 mph)

**Machinery:** To be announced.

## Firepower

**Radar:**

**Surface search:** E/F-band.  
**Navigation:** I-band.

**Comment:** Former survey ships built in about 1973. Transferred to China Marine Surveillance in about 2010 and subsequently to the Coast Guard in 2013.

# Shuke I class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(WPSO)**

**IN SERVICE:** 1

***UPDATED***

### Fleetlist

ship names	Builders	Laid down	Launched	Commissioned
Haijing 6101 (ex-Haijing 1127 , ex-Haijian 27)	/ Guangzhou Shipyard	3 Nov 2003	2004	28 Dec 2004

**Shuke I**

### Dimensions and weights

#### Measurement

gross tonnage: 1124 tonnes (1106.2 (uk) t) (1239.0 t (short)) (1124000 kg)

#### Length

overall: 75.8 m (248.7 ft)

#### Beam

overall: 10.2 m (33.5 ft)

#### Draught

hull: 4.0 m (13.1 ft)

#### Performance

<b>Speed</b>	
top speed:	16 kt (29.6 km/h) (18.4 mph)
<b>Machinery:</b>	2 MAN 7L27/38 diesels; 6,472 hp (4.76 MW); 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Steel construction. Based in the North China Sea Branch.



*HAIJING 6101 (old number) (Ships of the World)*

1486607

## Shuke II

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIPS) (WPSO)**

**IN SERVICE: 4**

***UPDATED***

### Fleetlist

ship names	Builders	Laid down	Launched	Commissioned
Haijing 1123 (ex-Haijian 23)	/ Guangzhou Shipyard	23 May 2010	2010	24 Dec 2010
Haijing 1126 (ex-Haijian 26)	/ Guangzhou Shipyard	28 May 2010	2010	29 Mar 2011
Haijing 14603 (ex-Haijing 2166 , ex-Haijian 66)	/ Guangzhou Shipyard	16 May 2010	2010	24 Jan 2011

Haijing 3175 (ex-Haijian 75)	/ Guangzhou Shipyard	20 Apr 2010	2010	26 Oct 2010
<b>Shuke II</b>				
<b>Dimensions and weights</b>				
<b>Measurement</b>				
gross tonnage: 1149 tonnes (1130.9 (uk) t) (1266.6 t (short)) (1149000 kg)				
<b>Length</b>				
overall: 77.7 m (254.9 ft)				
<b>Beam</b>				
overall: 10.2 m (33.5 ft)				
<b>Draught</b>				
hull: 4.0 m (13.1 ft)				
<b>Performance</b>				
<b>Speed</b>				
top speed: 20 kt (37.0 km/h) (23.0 mph)				
<b>Machinery:</b> 2 MAN 7L27/38 diesels; 6,472 hp (4.76 MW); 2 shafts				
<b>Firepower</b>				
<b>Radars:</b> Surface search: E/F-band. Navigation: I-band.				
<b>Comment:</b> Steel construction.				



*HAIJING 14603 (Japan Coast Guard/Ships of the World)*

1763909

# Shuke III class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL VESSEL) (WPSO)**

**IN SERVICE: 15**

**UPDATED**

## Fleetlist

<b>ship names</b>	<b>Builders</b>	<b>Launched</b>	<b>Commissioned</b>
Haijing 2112 (ex-Haijian 8002)	/ Huangpu Shipyard , Guangzhou	14 Oct 2012	2 Feb 2013
Haijing 3111 (ex-Haijian 9020)	/ Huangpu Shipyard , Guangzhou	28 Nov 2012	25 Jun 2013
Haijing 2113 (ex-Haijian 5001)	/ Wuchang Shipyard , Wuhan	28 Dec 2012	1 Jun 2013
Haijing 3112 (ex-Haijian 9030)	/ Huangpu Shipyard , Guangzhou	19 Jan 2013	25 Jun 2013
Haijian 4072	/ Huangpu Shipyard , Guangzhou	1 Mar 2013	11 Oct 2013
Haijian 2032	/ Huangpu Shipyard , Guangzhou	28 Mar 2013	28 Oct 2013
Haijian 2168	/ Huangpu Shipyard , Guangzhou	28 Apr 2013	6 Aug 2013
Haijing 2169	/ Huangpu Shipyard , Guangzhou	29 May 2013	15 Nov 2013
Haijing 3113 (ex-Haijian 1118)	/ Guijiang Shipyard , Wuzhou	31 May 2013	8 Nov 2013
Haijian 1013	/ Wuchang Shipyard , Wuhan	6 Jun 2013	Jun 2014
Haijian 1002	/ Huangpu Shipyard , Guangzhou	7 Jul 2013	23 Jun 2014
Haijian 4001	/ Wuchang Shipyard , Wuhan	31 Aug 2013	21 May 2014
Haijian 4002	/ Wuchang Shipyard , Wuhan	31 Aug 2013	21 May 2014

Yuzheng 46016	/
Haijian 1001	/
<b>Shuke III</b>	
<b>Dimensions and weights</b>	
<b>Measurement</b>	
gross tonnage:	1337 tonnes (1315.9 (uk) t) (1473.8 t (short)) (1337000 kg)
<b>Length</b>	
overall:	79.9 m (262.1 ft)
<b>Beam</b>	
overall:	10.6 m (34.8 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	20 kt (37.0 km/h) (23.0 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	43
<b>Machinery:</b>	To be announced
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Steel construction. Built for the China Marine Surveillance in 2013-14 and subsequently transferred to the newly formed China Coast Guard.





HAIJING 2169 (*A Sheldon-Duplaix*)

1700166

## Shuling class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

(WPSO)

**IN SERVICE:** 1

**UPDATED**

### Fleetlist

ship names	
Haixun 22	
<b>Shuling</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	2700 tonnes (2657.4 (uk) t) (2976.2 t (short)) (2700000 kg)
<b>Length</b>	
overall:	86.0 m (282.2 ft)
<b>Beam</b>	

overall:	13.6 m (44.6 ft)
<b>Draught</b>	
hull:	4.2 m (13.8 ft)
<b>Machinery:</b> 1 diesel; 16,316 hp (12.0 MW); 1 shaft	
<b>Firepower</b>	
<b>Radars:</b>	<b>Navigation:</b> To be announced.

**Comment:** Built by Wuchang Shipyard, Wuhan. Steel construction. The ship was laid down on 28 August 2012 and launched on 26 November 2012. It entered service on 22 August 2013. Assigned to Zhejiang Province.

## Shuoshi class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

(WPSOH)

**IN SERVICE:** 1

**UPDATED**

### Fleetlist

ship names
Haixun 01
Shuoshi
<b>Dimensions and weights</b>
<b>Displacement</b>
full load: 5418 tonnes (5332.4 (uk) t) (5972.3 t (short)) (5418000 kg)
<b>Measurement</b>
gross tonnage: 4747 tonnes (4672.0 (uk) t) (5232.7 t (short)) (4747000 kg)
<b>Length</b>
overall: 128.6 m (421.9 ft)

<b>Beam</b>	
overall:	16.9 m (55.4 ft)
<b>Draught</b>	
hull:	5.4 m (17.7 ft)
<b>Machinery:</b>	2 Caterpillar 12M32C diesels; 16,316 hp (12.0 MW); 2 shafts
<b>Firepower</b>	
<b>Radar:</b>	<b>Navigation:</b> To be announced.
<b>Helicopters:</b>	Platform for 1 medium.

**Comment:** Built by Wuchang Shipyard, Wuhan. Steel construction. The ship has both marine inspection and Search And Rescue (SAR) roles. There is accommodation for 200 rescuees and facilities for basic medical treatment and surgery. The ship was started in May 2011, launched on 28 July 2012 and entered service in 2013. Assigned to Shanghai.



*HAI XUN 01 (Chris Sattler)*

1486514

## Shuoshi II class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIPS) (WPSOH)**

**IN SERVICE:** 4

**VERIFIED**

## Fleetlist

ship names	Builders	Launched	Commissioned			
Haijing 2501	/ Wuchang Shipyard , Wuhan	10 Sep 2014	23 Apr 2015			
Haijing 3501	/ Wuchang Shipyard , Wuhan	25 Dec 2014	2015			
Haijing 1501	/ Wuchang Shipyard , Wuhan	16 Jan 2015	2016			
Haijing 2502	/ Wuchang Shipyard , Wuhan	2015	2016			
<b>Shuoshi II</b>						
<b>Dimensions and weights</b>						
<b>Measurement</b>						
gross tonnage:	5500 tonnes (5413.1 (uk) t) (6062.7 t (short)) (5500000 kg)					
<b>Length</b>						
overall:	128.6 m (421.9 ft)					
<b>Beam</b>						
overall:	16.9 m (55.4 ft)					
<b>Performance</b>						
<b>Speed</b>						
top speed:	22 kt (40.7 km/h) (25.3 mph)					
<b>Capacity</b>						
<b>Complement</b>						
military						
crew:	25					
<b>Machinery:</b>	2 diesels; 2 shafts					
<b>Firepower</b>						
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.					
<b>Helicopters:</b>	1 medium.					

**Comment:** Medium-sized offshore patrol ships. Similar to Maritime Safety Administration (MSA) vessel *Haixun 01*.



*HAIJING 1501 (A Sheldon-Duplaix)*

*1700167*

## Shupang (Type 636A/636B) class

**Date Posted:** 10-Sep-2019

**Publication:** Jane's Fighting Ships

**(AGSH/AGEH)**

**IN SERVICE: 9**

**UPDATED**

### Fleetlist

ship names	No	Builders	Launched	Commissioned
Zhu Kezhen (ex-Haiyang 20)	872	/ Wuhu Shipyard	Feb 2005	2008
Qian Sanqiang (ex-Haiyang 22)	875	/ Wuhu Shipyard	Jul 2007	1 May 2008
Qian Xuesen (ex-Haiyang 23)	873	/ Wuhu Shipyard	Feb 2015	26 Dec 2015
Deng Jiaxian (ex-Haiyang 24)	874	/ Wuhu Shipyard	Mar 2015	2 Feb 2016
Qian Weichang (ex-Haiyang 25)	876	/	Jul 2015	25 Jul 2016
Chen Jingrun (ex-Haiyang 26)	877	/	Dec 2015	8 Dec 2016

Wang Ganchang (ex-Haiyang 27)	878	/	2018			
Zhu Guangya (ex-Haiyang 28)	879	/	Oct 2016 2018			
Mao Yisheng (ex-Haiyang 29)	880	/	Mar 2017 2018			
<b>Shupang</b>						
<b>Dimensions and weights</b>						
<b>Displacement</b>						
full load:	5883 tonnes (5790.1 (uk) t) (6484.9 t (short)) (5883000 kg)					
<b>Measurement</b>						
gross tonnage:	5900 tonnes (5806.8 (uk) t) (6503.6 t (short)) (5900000 kg)					
<b>Length</b>						
overall:	129.3 m (424.2 ft)					
<b>Beam</b>						
overall:	17.0 m (55.8 ft)					
<b>Draught</b>						
hull:	8.1 m (26.6 ft)					
<b>Performance</b>						
<b>Speed</b>						
top speed:	17.5 kt (32.4 km/h) (20.1 mph)					
<b>Range</b>						
standard:	15000 n miles (27780.0 km) (17261.7 miles) at 15 kt (27.8 km/h) (17.3 mph)					
<b>Machinery:</b>	Diesel-electric: 2 diesels; 2 motors; 5,710 hp (4.2 MW); 2 shafts					
<b>Firepower</b>						
<b>Radar:</b>	To be announced.					
<b>Helicopters:</b>	Platform for 1 medium.					

**Comment:** Same design of hull shared by Type 636A oceanographic survey ships (AGS) and two acoustic trials ships (AGE). *Zhu Kezhen* (872) tasked with searching for missing Malaysian airliner MH370 in 2014. The first of class, 871, commissioned in 1998 and was decommissioned in November 2012.



*HAIYANG 20 (Massimo Annati)*

1153098

## Shusheng class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIPS) (WPSOH)**

**IN SERVICE:** 6

**VERIFIED**

### Fleetlist

ship names	Builders	Launched	Commissioned
Haijian 7008	/ Wuchang Shipyard , Wuhan	25 Jun 2013	17 Sep 2014
Haijian 3015	/ Huangpu Shipyard , Guangzhou	23 Aug 2013	16 Jun 2014
Haijing 2115 (ex-Haijian 8001)	/ Huangpu Shipyard , Guangzhou	7 Sep 2013	8 Mar 2014
Haijian 9010	/ Huangpu Shipyard , Guangzhou	5 Dec 2013	26 Mar 2014
Haijian 1010	/ Wuchang Shipyard , Wuhan	30 Nov 2013	18 Jul 2014
Haijian 4072	/ Wuchang Shipyard , Wuhan	28 Jun 2013	2014

<b>Shusheng</b>	
<b>Dimensions and weights</b>	
<b>Measurement</b>	
gross tonnage:	1750 tonnes (1722.4 (uk) t) (1929.0 t (short)) (1750000 kg)
<b>Length</b>	
overall:	89.9 m (294.9 ft)
<b>Beam</b>	
overall:	12.2 m (40.0 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	20 kt (37.0 km/h) (23.0 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	50
<b>Machinery:</b>	2 diesels; 8,100 hp (6.04 MW); 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.
<b>Comment:</b>	Medium-sized offshore patrol ships.

## Shuwu class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIPS) (WPSO)**

**IN SERVICE: 3**

**Fleetlist**

<b>ship names</b>	<b>Builders</b>	<b>Laid down</b>	<b>Launched</b>	<b>Commissioned</b>
Haijing 2151 (ex-Haijian 51)	/ Wuchang Shipyard , Wuhan	30 Dec 2004	5 Jun 2005	16 Nov 2005
Haijing 6103 (ex-Haijing 1115 , ex-Haijian 15)	/ Wuchang Shipyard , Wuhan	21 Oct 2009	28 Apr 2010	28 Nov 2010
Haijing 3184 (ex-Haijian 84)	/ Wuchang Shipyard , Wuhan	10 Dec 2009	Jul 2010	28 Apr 2011

**Shuwu****Dimensions and weights****Measurement**

gross tonnage: 1819 tonnes (1790.3 (uk) t) (2005.1 t (short)) (1819000 kg)

**Length**

overall: 88.0 m (288.7 ft)

**Beam**

overall: 12.0 m (39.4 ft)

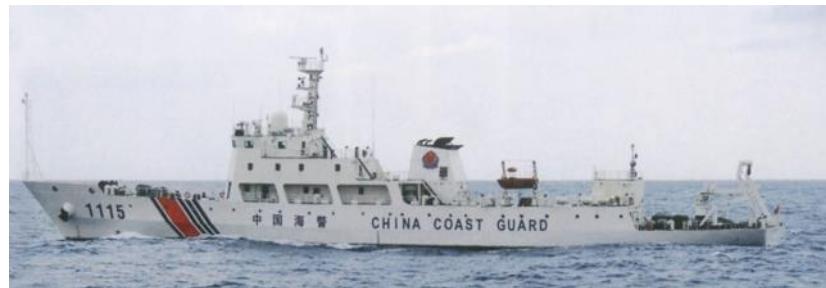
**Draught**

hull: 3.6 m (11.8 ft)

**Performance****Speed**

top speed: 14 kt (25.9 km/h) (16.1 mph)

**Machinery:** 2 Caterpillar 9M20 diesels; 4,650 hp (3.42 MW); 2 shafts**Firepower****Radars:** Surface search: E/F-band.  
Navigation: I-band.**Comment:** Steel construction.



HAIJING 1115 (*Ships of the World*)

1525674

## Shuyang class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIP) (WPSO)**

**IN SERVICE:** 1

**UPDATED**

### Fleetlist

ship names	
Haijing 2252 (ex-Haijian 2252 , ex-52)	
	<b>Shuyang</b>
<b>Dimensions and weights</b>	
<b>Measurement</b>	
gross tonnage:	3292 tonnes (3240.0 (uk) t) (3628.8 t (short)) (3292000 kg)
<b>Length</b>	
overall:	90.0 m (295.3 ft)
<b>Machinery:</b>	
To be announced.	
<b>Firepower</b>	
<b>Radars:</b>	
<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.	

**Comment:** Medium-sized offshore patrol vessel. The design of this ship is based on the former *Shijian 52*, but is not the same ship.

# Shuyou class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships  
**(WPSO)**

**IN SERVICE:** 3

**UPDATED**

## Fleetlist

ship names	Builders	Laid down	Launched	Commissioned
Haijing 1117 (ex-Haijian 17)	/ Wuchang Shipyard , Wuhan	17 Sep 2004	5 Jan 2005	9 May 2005
Haijing 2102 (ex-Haijing 2146 , ex-Haijian 46)	/ Wuchang Shipyard , Wuhan	20 Aug 2004	2005	8 May 2005
Haijing 3171 (ex-Haijian 71)	/ Wuchang Shipyard , Wuhan	28 Sep 2004	1 Feb 2005	17 Aug 2005
<b>Shuyou</b>				

## Dimensions and weights

### Measurement

gross tonnage: 1111 tonnes (1093.5 (uk) t) (1224.7 t (short)) (1111000 kg)

### Length

overall: 73.9 m (242.5 ft)

### Beam

overall: 10.2 m (33.5 ft)

### Draught

hull: 2.6 m (8.5 ft)

### Performance

### Speed

top speed:	16 kt (29.6 km/h) (18.4 mph)
<b>Machinery:</b>	1 Caterpillar 9M20 diesel; 2,325 hp (1.71 MW); 1 shaft
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Steel construction. *Haijing 1117* based in the North, *Haijing 2102* in the East and *Haijing 3171* in the South China Sea Branch.



*HAIJING 2102 (Japan Coast Guard/Ships of the World)*

1763911

## Shuzao II class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIP) (WPSO)**

**IN SERVICE:** 1

**UPDATED**

### Fleetlist

ship names	
Haijian 9012	
<b>Shuzao II</b>	
<b>Dimensions and weights</b>	
<b>Measurement</b>	
gross tonnage:	640 tonnes (629.9 (uk) t) (705.5 t (short)) (640000 kg)
<b>Length</b>	

overall:	65.0 m (213.3 ft)
<b>Beam</b>	
overall:	9.0 m (29.5 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	20 kt (37.0 km/h) (23.0 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	25
<b>Machinery:</b>	2 diesels; 6,007 hp (4.48 MW); 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	Surface search: E/F-band. Navigation: I-band.

**Comment:** Medium-sized offshore patrol ship. Commissioned 30 December 2009.

## Shuzao III (Type 468A) class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIPS) (WPSO)**

**IN SERVICE: 14**

**UPDATED**

### Fleetlist

ship names	Builders	Launched	Commissioned
Haijian 4607	/ Huanghai Shipyard , Roncheng	15 Nov 2012	2 Jul 2013
Haijian 1116	/ Guijiang Shipyard , Wuzhou	1 Feb 2013	10 Jul 2013

Haijian 8027	/ Xiamen Shipyard	2 Feb 2013	25 Oct 2013
Haijian 5030	/ Xijiang Shipyard , Liuzhou	8 May 2013	4 Oct 2013
Haijian 1117	/ Guijiang Shipyard , Wuzhou	28 Apr 2013	29 Sep 2013
Haijian 8003	/ Xijiang Shipyard , Liuzhou	2 Apr 2013	12 Sep 2013
Haijian 7018	/ Dinghai Naval Shipyard	6 Jun 2013	14 Jan 2014
Haijian 2030	/ Huanghai Shipyard , Roncheng	28 Jun 2013	1 Apr 2014
Haijian 3011	/ Xijiang Shipyard , Liuzhou	5 Jun 2013	Oct 2013
Haijian 7038	/ Nanhua Shipyard , Wuhan	29 Jun 2013	27 Feb 2014
Haijian 3012	/ Xingang Shipyard , Tianjin	9 Sep 2013	2014
Haijian 1015	/ Wuchang Shipyard , Wuhan	2013	18 Jul 2014
Haijian 4073	/ Wuchang Shipyard , Wuhan	24 Nov 2013	19 Aug 2014
Haijian 7028	/ Chuandong Shipyard , Chongqing	25 Jul 2013	23 Dec 2013

### Shuzao III

#### Dimensions and weights

##### Measurement

gross tonnage: 640 tonnes (629.9 (uk) t) (705.5 t (short)) (640000 kg)

##### Length

overall: 65.0 m (213.3 ft)

##### Beam

overall: 9.0 m (29.5 ft)

##### Draught

hull: 2.7 m (8.9 ft)

##### Performance

##### Speed

top speed: 20 kt (37.0 km/h) (23.0 mph)

<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	25
<b>Machinery:</b>	2 diesels; 6,007 hp (4.48 MW); 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Medium-sized offshore patrol ships.

## Song class (Type 039/039G)

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

(SSG)

**Song**

IN

**SERVICE:**

1

**Song**

(G)

**IN SERVICE: 12**

**UPDATED**

### Fleetlist

No	Builders	Laid down	Launched	Commissioned
320	/ Wuchang Shipyard , Wuhan	1991	25 May 1994	Jun 1999
321	/ Wuchang Shipyard , Wuhan	1995	11 Nov 1999	Apr 2001
322	/ Wuchang Shipyard , Wuhan	1996	28 Jun 2000	Dec 2001
323	/ Wuchang Shipyard , Wuhan	1998	May 2002	Nov 2003
324	/ Wuchang Shipyard , Wuhan	1999	28 Nov 2002	Dec 2003
325	/ Wuchang Shipyard , Wuhan	2001	3 Dec 2002	2004
314	/ Wuchang Shipyard , Wuhan	2001	19 May 2003	2004

315	/ Wuchang Shipyard , Wuhan	2002	29 Sep 2003	2004				
316	/ Wuchang Shipyard , Wuhan	2002	28 Aug 2004	2005				
326	/ Wuchang Shipyard , Wuhan	2002	Jul 2004	2005				
328	/ Jiangnan Shipyard , Shanghai	2002	Aug 2004	2005				
327	/ Wuchang Shipyard , Wuhan	2003	Sep 2004	2006				
329	/ Jiangnan Shipyard , Shanghai	2003	Nov 2004	2006				
<b>Song, Song (G)</b>								
<b>Dimensions and weights</b>								
<b>Displacement</b>								
surfaced:	1727 tonnes (1699.7 (uk) t) (1903.7 t (short)) (1727000 kg)							
dived:	2286 tonnes (2249.9 (uk) t) (2519.9 t (short)) (2286000 kg)							
<b>Length</b>								
overall:	74.9 m (245.7 ft)							
<b>Beam</b>								
overall:	7.5 m (24.6 ft)							
<b>Draught</b>								
hull:	5.7 m (18.7 ft)							
<b>Performance</b>								
<b>Speed</b>								
top speed:	22 kt (40.7 km/h) (25.3 mph)							
dived:	22 kt (40.7 km/h) (25.3 mph)							
surfaced:	15 kt (27.8 km/h) (17.3 mph)							
<b>Capacity</b>								
<b>Complement</b>								
military								

crew:	60
officers:	10
<b>Machinery:</b>	Diesel-electric; 4 MTU 16V 396 SE; 6,092 hp(m) (4.48 MW) diesels; 4 alternators; 1 motor; 1 shaft
<b>Firepower</b>	
<b>Missiles:</b>	<b>SSM:</b> YJ-82; inertial guidance and active radar terminal homing to 33.3 km (18 n miles) at Mach 0.9; warhead 165 kg; sea-skimmer. A sub-launched version of YJ-18 may be carried.
<b>Torpedoes:</b>	6-533 mm tubes. Combination of Yu-4A; wire-guided and passive homing to 15 km (8.1 n miles) at 40 kt; electric; warhead 309 kg and Yu-3 (SET-65E); passive homing to 13 km (7 n miles) at 35 kt; electric; warhead 205 kg; depth to 350 m. May also carry Yu-6; wire-guided and active/passive and wake homing; thermal.
<b>Mines:</b>	In lieu of torpedoes.
<b>Electronic countermeasures:</b>	<b>ESM:</b> Type 921-A; radar warning.
<b>Radar:</b>	<b>Surface search:</b> I-band.
<b>Sonars:</b>	Bow-mounted; passive/active search and attack; medium frequency. Flank array; passive search; low frequency; intercept.

**Programmes:** First of class (Type 039) started sea trials in August 1995, as a result of which substantial modifications were made. Second of class (Type 039G) trials started in early 2000 and third in early 2001. Jiangnan Shipyard, Shanghai, joined the building programme in 2002 and constructed the eleventh and thirteenth boats.

**Structure:** Only the first of class built with stepped fin. All subsequent boats conventional in appearance. Distinctive fixed horizontal hydrodynamic stabiliser extends behind fin. Comparable in size to Ming class but with a single highly skewed propeller and an integrated spherical bow sonar. The forward hydroplanes are mounted on the fin below the bridge. Some of the details are speculative and the latest hulls of the class may have benefited from experience gained with the Kilos. The diesel engines are likely to be reverse engineered. Sonars are reported to be of French design.

**Operational:** Basing: North (315, 316, 320, 321, 322, 323, 327, 328); East (314, 324, 325); South (326, 329). In October 2014 China's MND confirmed a submarine had been deployed to the Indian Ocean in support of counter-piracy operations. Song class 329 subsequently observed during port visit to Colombo. An unidentified Song-class submarine visited Malaysia January 2017.



*SONG CLASS (Ships of the World)*

1042142



*TYPE 039 CLASS SILHOUETTE (Ian Sturton)*

1153066



*SONG CLASS (Ships of the World)*

1166772



*SONG CLASS 315 and 316 (Hachiro Nakai)*

1153050



*TYPE 039G CLASS SILHOUETTE (Ian Sturton)*

1164402

# Sovremenny class (Project 956E/956EM)

Date Posted: 28-Feb-2020

Publication: Jane's Fighting Ships

(DDGHM)

<b>Sovremenny</b>		(E)
IN	SERVICE:	2
<b>Sovremenny</b>		(EM)
IN SERVICE: 2		

**UPDATED**

## Fleetlist

ship names	No	Builders	Laid down	Launched	Commissioned
Hangzhou (ex-Vazhny , ex-Yekaterinburg)	136 (ex-698)	/ Severnaya Verf , St Petersburg	4 Nov 1988	27 May 1994	25 Dec 1999
Fuzhou (ex-Alexandr Nevsky)	137 (ex-690)	/ Severnaya Verf , St Petersburg	22 Apr 1989	16 Apr 1999	25 Nov 2000
Taizhou (ex-Vnushitelnyy)	138	/ Severnaya Verf , St Petersburg	3 Jul 2002	27 Apr 2004	28 Dec 2005
Ningbo (ex-Vechnyy)	139	/ Severnaya Verf , St Petersburg	15 Nov 2002	23 Jul 2004	28 Sep 2006

**Sovremenny (E), Sovremenny (EM)**

**Dimensions and weights**

**Displacement**

full load: 8067 tonnes (7939.6 (uk) t) (8892.3 t (short)) (8067000 kg)

**Length**

overall: 156 m (511.8 ft)

**Beam**

overall: 17.3 m (56.8 ft)

<b>Draught</b>	
hull:	6.5 m (21.3 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	32 kt (59.3 km/h) (36.8 mph)
<b>Range</b>	
standard:	2400 n miles (4444.8 km) (2761.9 miles) at 32 kt (59.3 km/h) (36.8 mph) 4000 n miles (7408.0 km) (4603.1 miles) at 14 kt (25.9 km/h) (16.1 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	296
officers:	25
total capacity	
spare berths:	60
<b>Machinery:</b>	4 KVN boilers; 2 GTZA-674 turbines; 99,500 hp(m) (73.13 MW) sustained; 2 shafts; bow thruster
<b>Firepower</b>	

<b>Missiles:</b>	<b>SSM:</b> 8 Raduga 3M-80/P-100 Moskit (SS-N-22 Sunburn) (2 quad) (138, 139) [Ref 1]; inertial guidance with command updates and active radar terminal homing to 110 km (59.4 n miles) at Mach 2.25; warhead 300 kg; sea-skimmer. 8 YJ-12 (2 quad) (retrofitted in 136, 137); inertial guidance and active radar terminal homing to 250-500 km (135-270 n miles) at Mach 2-4; warhead 250 kg (all data provisional). <b>SAM:</b> 3K-90/M-22 Shtil (SA-N-7 Grizzly); 2 launchers [Ref 2] (138, 139); 44 9M38 missiles; inertial guidance with command updates and semi-active radar terminal homing to 29.6 km (16 n miles) at Mach 3; altitude 30-14,000 m (98-45,932 ft); warhead 70 kg or 48-cell H/AJK-16 VLS (32 fwd, 16 aft) retrofitted in 136, 137; HHQ-16; inertial guidance with command updates and semi-active radar terminal homing to 40 km (21.6 n miles) at Mach 4.5; warhead 70 kg. Multiple channels of fire. 2 KBP/Tulamashzavod JSC Kashtan (CADS-N-1A) (138, 139) [Ref 3]: twin AO-18K (6K30GM) 30 mm rotary cannon; 10,000 rds/min to 500-4,000 m; combined with 8 missiles (9M311 [SA-N-11 Grisson]); radio command guidance with radar and optical tracking to 2.5-8 km at Mach 2.67; warhead 9 kg; and 3R-87 (Hot Flash) fire-control radar and 3Ch-87 (Hot Spot) optronic director. 24-cell VLS for HHQ-10 (retrofitted on 136, 137); passive IR/anti-radiation homing to 9 km (4.9 n miles).
<b>Guns:</b>	4 AK-130 130 mm/54 (2 twin) (136, 137) or 2 AK-130 130 mm (1 twin) (138, 139) [Ref 4]; 70 rds/min per mount to 22 km (11.9 n miles); weight of shell 33.4 kg. 4 AK-630M 30 mm/65 (136, 137); 6 barrels per mounting; 5,000 rds/min combined to 4 km (2.2 n miles); weight of shell 0.39 kg.
<b>Torpedoes:</b>	4 DTA-53 533 mm (2 twin) tubes.
<b>A/S Mortars:</b>	RPS Smerch-3 system; 2 RBU-1000 6-barrel launchers; 120 RGB-10 rocket-propelled depth charges; range 100-1,000 m; depth 15-350 m, warhead 80 kg.
<b>Mines:</b>	Mine rails for up to 40.
<b>Physical countermeasures:</b>	<b>Decoys:</b> 8 PK 10 and 2 PK 2 chaff launchers.
<b>Electronic countermeasures:</b>	<b>ESM/ECM:</b> 4 Foot Ball. 6 Half Cup laser warner.
<b>Radars:</b>	<b>Air search:</b> Fregat-MAE-3 (Top Plate) [Ref 10]; 3D; E-band. <b>Surface search:</b> 3 MR-212 Nyada (Palm Frond) [Ref 11]; I-band. <b>Fire control:</b> 6 MR-90 Orekh (Front Dome) [Ref 12]; H/I-band (for SA-N-7). Mineral-ME (Band Stand) [Ref 9]; I-band (for SS-N-22). MR-184 (Kite Screech B) [Ref 13]; H/I/K-band (for 130 mm guns). 2 MR-123 Vympel/Bagira (Bass Tilt); H/I-band (for 30 mm guns).
<b>Sonars:</b>	MGK-355TA Polinom/Zvezda M-2 suite with hull-mounted; active/passive; medium frequency array (Horse Jaw) and VDS; active; low frequency (Horse Tail).

<b>Weapon control systems:</b>	1 China optronic director and laser rangefinder. Mineral-ME (Band Stand) [Ref 9]; I-band datalink for SS-N-22. Bell Nest, 2 Light Bulb and 2 Tee Pumpdatalinks.
<b>Helicopters:</b>	1 Ka-28 Helix.

**Programmes:** After prolonged negotiations, a contract was signed in September 1996 for two uncompleted Russian Sovremenny-class destroyers. Progress was held up for a time because China wanted Ka-28 helicopters included, and the Russians demanded extra payment for the aircraft. Deleted Russian units of the class may have been cannibalised for some equipment. A contract for the procurement of two further ships was signed on 3 January 2002.

**Modernisation:** *Hangzhou* (136) began refit in Zhoushan in 2015. The scope of work is extensive and appears to involve replacing much of the original Russian equipment with Chinese systems. The forward and aft SA-N-7 launchers appear to have been replaced with VLS for HHQ-16, a 24-cell HHQ-10 short range SAM launcher has been installed behind the forward gun turret (which remains the original twin AK-130) and the SS-N-22 has been replaced by YJ-12 ASMs. In common with a number of other PLAN surface combatants, Type 382 and Type 364 radars have been fitted. It was reported in January 2019 that *Hangzhou* had returned to service and work on *Fuzhou* was in progress.

**Structure:** These were the first Chinese warships to have a datalink system. The optronic director is probably a Chinese version of Squeeze Box. The Project 956EM ships (138 and 139) are to a modified design. This included variations in weapon fit including replacement of the AK-630 with 'Kashtan' CIWS (with associated Cross Dome target indication radar) and a reduction to one AK-130 turret forward. The flight deck was also extended.

**Operational:** 136 arrived in China on 16 February 2000 and 137 in February 2001. SS-N-22 test fired on 15 September 2001. 138 was delivered on 28 December 2005 and 139 in late 2006. All four ships are based in the East Sea Fleet.



*TAIZHOU (Ships of the World)*

1632211



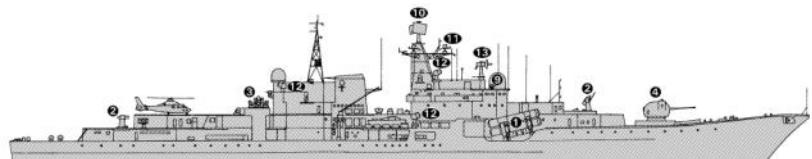
*TAIZHOU (Ships of the World)*

1406473



*SOVREMENNY CLASS SILHOUETTE (Ian Sturton)*

1153061



*TAIZHOU (Ian Sturton)*

1164871

## Space Event Ship

**Date Posted:** 19-Jan-2011

**Publication:** Jane's Fighting Ships

**(AGMH)**

**IN SERVICE:** 1

**ARCHIVED**

### Fleetlist

#### ship names

Yuan Wang 4

unknown

#### Dimensions and weights

#### Displacement

full load: 13209 tonnes (14560.4 t (short)) (13209000 kg)

#### Length

overall: 156.2 m (512.47 ft)

#### Beam

overall: 20.6 m (67.59 ft)

<b>Draught</b>	
hull:	7.75 m (25.43 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	20 kt
<b>Range</b>	
standard:	18000 n miles at 12 kt
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	200
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Helicopters:</b>	1 medium.

**Comment:** Ex-survey ship (*Xiangyanghong 10*) originally constructed in the late 1970s. Converted into a space tracking ship and renamed *Yuan Wang 4* in 1998 to support manned space flight missions, mainly for spacecraft tracking and communications relay roles. Normally positioned in the South Pacific for spacecraft missions.



*YUAN WANG 4*

1335672



*YUAN WANG 4 SILHOUETTE (Ian Sturton)*

1164390

## Space event ships

**Date Posted:** 13-Feb-2013

**Publication:** Jane's Fighting Ships

**(AGMH/AGI)**

**IN SERVICE:** 1

***ARCHIVED***

### Fleetlist

ship names
Yuan Wang 2
Unknown1
<b>Dimensions and weights</b>
<b>Displacement</b>
standard: 17374 tonnes (17099.6 (uk) t) (19151.6 t (short)) (17374000 kg)
full load: 21337 tonnes (21000.0 (uk) t) (23520.0 t (short)) (21337000 kg)
<b>Length</b>
overall: 186 m (610.2 ft)
<b>Beam</b>
overall: 22.6 m (74.1 ft)

<b>Draught</b>	
hull:	7.5 m (24.6 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	20 kt (37.0 km/h) (23.0 mph)
<b>Range</b>	
standard:	18000 n miles (33336.0 km) (20714.0 miles) at 20 kt (37.0 km/h) (23.0 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	470
<b>Machinery:</b>	1 Sulzer diesel; 17,400 hp(m) (12.78 MW); 1 shaft

**Comment:** Built by Shanghai Jiangnan Yard and entered service in December 1979. Equipped with helicopter decks but no hangar. Extensive communications, SATNAV and meteorological equipment were installed in 1986-87. In the late 1990s, refitted to support manned spacecraft missions. *Yuan Wang 1* was decommissioned in late 2010.



*YUAN WANG CLASS*

0056799



*YUAN WANG CLASS SILHOUETTE (Ian Sturton)*

1164392

## Stealth craft

**Date Posted:** 07-Dec-2010

**Publication:** Jane's Fighting Ships

(PBF)

**ARCHIVED**

### Fleetlist

ship names
Stealth

### Specifications

unknown
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**Comment:** Since 1996 large numbers of low profile stealth craft have been active in the South Sea areas, and have been reported as far away as the Philippines. Sizes vary from 30 to 60 m in length and many are capable of speeds in excess of 30 kt. Most are paramilitary vessels but some may be privately owned.



*STEALTH*

0012232

## **Sukhoi Su-30 MK2 (Flanker).**

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**IN SERVICE:** 23

***UPDATED***

<b>Operational speed:</b>	1,144 kt (2,119 km/h).
<b>Service ceiling:</b>	56,760 ft (17,300 m).

<b>Range:</b>	1,620 n miles (3,000 km).
<b>Role/Weapon systems:</b>	Two-seat long range maritime-strike fighter. 24 delivered to PLANAF in 2004. Sensors: Two-channel fire-control radar. Weapons: Up to 10 AAMs, including PL-12. Kh-31A/B (AS-17 'Krypton') anti-ship missiles.

## T 43 class (Type 6610)

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(MINESWEEPERS-OCEAN) (MSO)**

**IN SERVICE:** 1

**UPDATED**

### Fleetlist

This information is unavailable.

<b>T 43</b>	
<b>Dimensions and weights</b>	
standard:	528 tonnes (519.7 (uk) t) (582.0 t (short)) (528000 kg)
full load:	599 tonnes (589.5 (uk) t) (660.3 t (short)) (599000 kg)
<b>Length</b>	
overall:	60 m (196.9 ft)
<b>Beam</b>	
overall:	8.8 m (28.9 ft)
<b>Draught</b>	
hull:	2.3 m (7.5 ft)
<b>Performance</b>	
<b>Speed</b>	

top speed:	14 kt (25.9 km/h) (16.1 mph)
<b>Range</b>	
standard:	3000 n miles (5556.0 km) (3452.3 miles) at 10 kt (18.5 km/h) (11.5 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	70
officers:	10
<b>Machinery:</b>	2 PCR/Kolomna Type 9D8 diesels; 2,000 hp(m) (1.47 MW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	4-37 mm/63 (2 twin). 4-25 mm/60 (2 twin). 4-14.5 mm/93 (2 twin).
<b>Mines:</b>	Can carry 12-16.
<b>Depth charges:</b>	2 BMB-2 projectors; 20 depth charges.
<b>Physical countermeasures:</b>	MCMV MPT-1 paravanes; MPT-3 mechanical sweep; acoustic and magnetic gear.
<b>Radars:</b>	<b>Surface search:</b> Fin Curve or Type 756; F-band. <b>IFF:</b> High Pole or Yard Rake.
<b>Sonars:</b>	Tamir II; hull-mounted; active search and attack; high frequency.

**Programmes:** Started building in Russia in 1956 and continued intermittently in China from about 1970 until about 1987 at Wuhan and at Guangzhou.

**Structure:** Based on the USSR T 43s, some of which transferred in the mid-1950s but have all now been deleted. Several variations in gun armament were noted, including 65 mm and 85 mm guns in place of the 37 mm mounts.

**Operational:** Most have been deleted. Operational status of final unit is uncertain.

**Sales:** One to Bangladesh in 1995.



T 43 CLASS (*Chris Sattler*)

1335676



T 43 CLASS SILHOUETTE (*Ian Sturton*)

1153085

## Tuqiang class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(TUGS) (ATA)**

**IN SERVICE:** 4

**UPDATED**

### Fleetlist

No
Nan Tuo 181
Nan Tuo 189
Bei Tuo 721

Dong Tuo 835

## Tuqiang

### Dimensions and weights

#### Displacement

full load: 3300 tonnes (3247.9 (uk) t) (3637.6 t (short)) (3300000 kg)

#### Length

overall: 84.9 m (278.5 ft)

#### Beam

overall: 14.0 m (45.9 ft)

#### Draught

hull: 5.5 m (18.0 ft)

#### Performance

#### Speed

top speed: 18 kt (33.3 km/h) (20.7 mph)

**Machinery:** 2 8PCZ-5L400 diesels; 9,000 hp (6.62 MW); 2 shafts; bow thruster

#### Firepower

**Radars:** **Surface search/navigation:** E/F/I-bands.

**Comment:** Three ocean tugs built 2004-08, followed by modified variant (835) in 2017. Basing: 721 in the North Sea Fleet; 181 and 189 in the South Sea Fleet, and 835 in the East Sea Fleet.



*TUQIANG CLASS (Ships of the World)*

1366842

# Tuzhong class (Class 830)

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

(WATF)

**IN SERVICE:** 3

**UPDATED**

## Fleetlist

ship names	No	Builders	Commissioned
Haijing 3367 (ex-Haijian 167 , ex-T 154 , ex-Nan Tuo 154)	(ex-154)	/ Hudong-Zhonghua , Shanghai	Sep 1979
Haijing 1310 (ex-Haijian 110 , ex-T 710 , ex-Bei Tuo 710)	(ex-710)	/ Hudong-Zhonghua , Shanghai	Jan 1980
Haijing 2337 (ex-Haijian 137 , ex-T 830 , ex-Dong Tuo 830)	(ex-830)	/ Hudong-Zhonghua , Shanghai	Dec 1977

## Tuzhong

### Dimensions and weights

#### Displacement

full load: 3658 tonnes (3600.2 (uk) t) (4032.3 t (short)) (3658000 kg)

#### Length

overall: 84.9 m (278.5 ft)

#### Beam

overall: 14 m (45.9 ft)

#### Draught

hull: 5.5 m (18.0 ft)

#### Performance

#### Speed

top speed: 18.5 kt (34.3 km/h) (21.3 mph)

<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	120
<b>Machinery:</b>	2 10 ESDZ 43/82B diesels; 8,600 hp(m) (6.32 MW); 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<b>Navigation:</b> Fin Curve; I-band.

**Comment:** Built in late 1970s by Hudong-Zhonghua Shipyard. 35-tonne towing winch. All three transferred to China Marine Surveillance in 2012 and subsequently to the China Coast Guard. Basing: Haijing 1310 (North), Haijing 2337 (East), Haijing 3367 (South).



HAIJING 2337 (*Ships of the World*)

1632206



HAIJING 1310 (*Japan Coast Guard*)

1751523

## Type 032 (Qing) class

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

(SSA)

IN SERVICE: 1

*UPDATED*

**Fleetlist**

No	Builders	Laid down	Launched	Commissioned				
201	/ Wuchang Shipyard , Wuhan	2008	9 Sep 2010	16 Oct 2012				
<b>Type 032</b>								
<b>Dimensions and weights</b>								
<b>Displacement</b>								
surfaced:	3797 tonnes (3737.0 (uk) t) (4185.5 t (short)) (3797000 kg)							
dived:	6628 tonnes (6523.3 (uk) t) (7306.1 t (short)) (6628000 kg)							
<b>Length</b>								
overall:	92.6 m (303.8 ft)							
<b>Beam</b>								
overall:	10 m (32.8 ft)							
<b>Draught</b>								
hull:	6.85 m (22.5 ft)							
<b>Performance</b>								
<b>Speed</b>								
dived:	14 kt (25.9 km/h) (16.1 mph)							
surfaced:	10 kt (18.5 km/h) (11.5 mph)							
<b>Capacity</b>								
<b>Complement</b>								
military								
crew:	88							
<b>Machinery:</b>								
	Diesel-electric.							

<b>Firepower</b>	
<b>Missiles:</b>	Missile tube installed in after section of fin.
<b>Torpedoes:</b>	1-533 mm. 1-650 mm.
<b>Radar:</b>	To be announced.
<b>Sonars:</b>	To be announced.

**Comment:** The only unit of this design of submarine was launched at Wuhan in September 2010. Approximately one-third larger than the Yuan class, its design includes an unusually large 22 m long sail, which is thought to encompass a vertical missile tube and an escape module. It is believed to be conventionally powered but it is unclear whether the boat is equipped with air-independent propulsion (AIP). A mid-May 2011 image of the submarine in dry dock indicates that there is an extension at the base of the hull under the fin similar to that seen in early Soviet ballistic missile-carrying submarines. Such an extension would maximise the length of missile tube that could be installed. This suggests that the principal role of the boat is to serve as a ballistic-missile trials platform. May also undertake other underwater test and trials, including launch of anti-ship and cruise missiles. Reported to be able to accommodate up to 200 crew and trials personnel for up to three days. Operates from the North Sea Fleet test base at Xiaopingdao.

## Type 40 m A/B

**Date Posted:** 03-Mar-2020

**Publication:** Jane's Fighting Ships

**(WPB)**

<b>Type</b>	<b>40</b>	<b>m</b>	<b>A</b>
<b>IN</b>		<b>SERVICE:</b>	<b>8</b>
<b>Type</b>	<b>40</b>	<b>m</b>	<b>B</b>
<b>IN SERVICE:</b>	<b>25</b>		

***NEW ENTRY***

### Fleetlist

ship names
Haixun 0311 (ex-021)
Haixun 041
Haixun 052

Haixun 0523 (ex-Haixun 061)
Haixun 0511 (ex-Haixun 071)
Haixun 0613 (ex-Haixun 091)
Haixun 0712 (ex-Haixun 112)
Haixun 0718 (ex-Haixun 118)
Haixun 043
Haixun 0592 (ex-Haixun 072)
Haixun 022
Haixun 0105 (ex-Haixun 105)
Haixun 133
Haixun 0750 (ex-Haixun 110)
Haixun 0107 (ex-Haixun 107)
Haixun 0952 (ex-155)
Haixun 0612
Haixun 0208
Haixun 0432
Haixun 0313
Haixun 0808
Haixun 0941
Haixun 0949
Haixun 0965
Haixun 1005
Haixun 0809
Haixun 0807
Haixun 0526

Haixun 0809	
Haixun 0810	
<b>Type 40 m A, Type 40 m B</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	360 tonnes (354.3 (uk) t) (396.8 t (short)) (360000 kg)
<b>Length</b>	
overall:	45 m (147.6 ft)
<b>Beam</b>	
overall:	7.8 m (25.6 ft)
<b>Draught</b>	
hull:	2.5 m (8.2 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	17 kt (31.5 km/h) (19.6 mph)
<b>Machinery:</b>	2 diesels; 2 shafts

**Comment:** Steel hull. Two variants. Details reflect Type A. Newer Type B commissioned from 2009 are larger, with a length of 47 m. The total number of ships is unknown and construction may continue.

## Type 051B (Luhai) class

**Date Posted:** 20-Jan-2020

**Publication:** Jane's Fighting Ships

**(DDGHM)**

**IN SERVICE:** 1

**UPDATED**

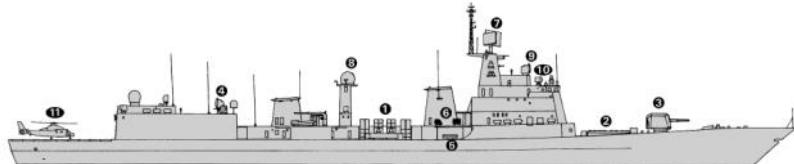
**Fleetlist**

<b>ship names</b>	<b>No</b>	<b>Builders</b>	<b>Laid down</b>	<b>Launched</b>	<b>Commissioned</b>					
Shenzhen	167	/ Dalian Shipyard	Jul 1996	16 Oct 1997	4 Jan 1999					
<b>Type 051B</b>										
<b>Dimensions and weights</b>										
<b>Displacement</b>										
standard:	6096 tonnes (5999.7 (uk) t) (6719.7 t (short)) (6096000 kg)									
<b>Length</b>										
overall:	154 m (505.2 ft)									
<b>Beam</b>										
overall:	16 m (52.5 ft)									
<b>Draught</b>										
hull:	6 m (19.7 ft)									
<b>Performance</b>										
<b>Speed</b>										
top speed:	29 kt (53.7 km/h) (33.4 mph)									
<b>Range</b>										
standard:	4500 n miles (8334.0 km) (5178.5 miles) at 14 kt (25.9 km/h) (16.1 mph)									
<b>Capacity</b>										
<b>Complement</b>										
military										
crew:	250									
officers:	42									
<b>Machinery:</b>	2 steam turbines; 94,000 hp(m) (70.1 MW); 2 shafts; cp props									
<b>Firepower</b>										

<b>Missiles:</b>	<b>SSM:</b> 16 YJ-12 [Ref 1] (4 quad); inertial guidance and active radar terminal homing to 250-500 km (135-270 n miles) at Mach 2-4; warhead 250 kg (all data provisional). <b>SAM:</b> 32-cell H/AJK-16 VLS forward [Ref 2]; 32 HQ-16; inertial guidance with command updates and semi-active radar terminal homing to 40 km (21.6 n miles) at Mach 4.5; warhead 70 kg.
<b>Guns:</b>	2-100 mm/56 (twin) [Ref 3]; 25 rds/min to 22 km (11.9 n miles); weight of shell 15.6 kg. 2 H/PJ-11 (Type 1130) 30 mm [Ref 4]; 11 barrels per mounting; 10,000 rds/min combined to 4 km (2.2 n miles).
<b>Torpedoes:</b>	6-324 mm Type 7424 (2 triple) tubes [Ref 5]; Yu-7; active/pассиве homing to 14 km (7.6 n miles) at 43 kt; thermal; warhead 45 kg.
<b>Physical countermeasures:</b>	<b>Decoys:</b> 4 Type 726-4 24-barrelled launchers [Ref 6].
<b>Electronic countermeasures:</b>	<b>ESM:</b> Type 826. <b>ECM:</b> Type 984; I-band jammer; Type 985; E/F-band jammer.
<b>Radar:</b>	<b>Air search:</b> Type 382 [Ref 7]; 3D; dual-band (E/F and G/H). <b>Air/surface search:</b> Type 364 (Seagull C) [Ref 8]; G-band. <b>Fire control:</b> Type 344 (MR 34); I-band (100 mm) [Ref 9]. 4 MR-90 Oreh (Front Dome); H/I-bands (for HQ-16) [Ref 10]. <b>Navigation:</b> Racal/Decca 1290; I-band.
<b>Sonars:</b>	H/SJD-9; hull mounted; active search and attack; medium frequency.
<b>Combat data systems:</b>	ZKT/ZKB; SATCOM.
<b>Weapon control systems:</b>	2 GDG 776 optronic directors.
<b>Helicopters:</b>	2 Z-9C or Ka-28 Helix [Ref 11].

- Programmes:** Only one ship of this design was completed. Baseline design may have informed subsequent Type 051C class.
- Modernisation:** A mid-life upgrade programme was completed in August 2016. Modifications included replacement of YJ-83 launchers with YJ-12. There does not appear to be a fire-control radar associated with this system, suggesting a dependency on third-party targeting supplied by datalink. The 8-cell launcher for HQ-7 has been replaced with a 32-cell launcher for HQ-16 and the four 37 mm twin gun mountings have been replaced by two Type 1130 close-in weapon systems (CIWS). Improvements have also been made to the radar systems.
- Structure:** Modernisation required large sections of the superstructure to be removed. Main and secondary masts have been modified and the quarterdeck enclosed. *Shenzhen* is one of very few PLAN surface combatants with a twin hangar, although it has never been observed operating two helicopters.

**Operational:** Based at Zhanjiang. Pre-modernisation *Shenzhen* was commonly referred to as the South Sea Fleet's flagship, a role which it may now resume. In 2007 it was the first PLAN warship to visit Japan since the founding of the People's Republic of China.



*SHENZHEN (Ian Sturton)*

1693933

## Type 052D (Luyang III) class

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**(DDGHM)**

IN	SERVICE:	13
BUILDING: 12		

**UPDATED**

### Fleetlist

ship names	No	Builders	Laid down	Launched	Commissioned
Kunming	172	/ Jiangnan Shipyard , Changxingdao	2010	28 Aug 2012	21 Mar 2014
Changsha	173	/ Jiangnan Shipyard , Changxingdao	2010	18 Dec 2012	12 Aug 2015
Hefei	174	/ Jiangnan Shipyard , Changxingdao	2011	1 Jul 2013	12 Dec 2015
Yinchuan	175	/ Jiangnan Shipyard , Changxingdao	2012	28 Mar 2014	12 Jul 2016
Xining	117	/ Jiangnan Shipyard , Changxingdao	2013	26 Aug 2014	22 Jan 2017
Xiamen	154	/ Jiangnan Shipyard , Changxingdao	2013	30 Dec 2014	10 Jun 2017

Urumqi	118	/ Jiangnan Shipyard , Changxingdao	2014	7 Jul 2015	Jan 2018
Guiyang	119	/ Dalian Shipyard	2014	28 Nov 2015	22 Feb 2019
Nanjing	155	/ Jiangnan Shipyard , Changxingdao	2014	28 Dec 2015	Apr 2018
Taiyuan	131	/ Jiangnan Shipyard , Changxingdao	2015	28 Jul 2016	3 Dec 2018
Chengdu	120	/ Dalian Shipyard	2015	3 Aug 2016	22 Nov 2019
Hohhot	161	/ Jiangnan Shipyard , Changxingdao	2015	26 Dec 2016	12 Jan 2019
Qiqihar	121	/ Dalian Shipyard	2016	26 Jun 2017	2020
	163	/ Jiangnan Shipyard , Changxingdao	14 Aug 2018	7 Jul 2018	2020
Zibo	156	/ Jiangnan Shipyard , Changxingdao	2016	Jul 2018	12 Jan 2020
	132	/ Jiangnan Shipyard , Changxingdao	2017	18 Dec 2018	2020
Nanning	157	/ Jiangnan Shipyard , Changxingdao	2017	23 Feb 2019	2021
Huainan	162	/ Jiangnan Shipyard , Changxingdao	2017	16 Apr 2019	2021
Tangshan	122	/ Dalian Shipyard	2018	10 May 2019	2021
Suzhou	123	/ Dalian Shipyard	2018	10 May 2019	2021
	133	/ Jiangnan Shipyard , Changxingdao	2018	28 Aug 2019	2022
	164	/ Jiangnan Shipyard , Changxingdao	2018	26 Sep 2019	2022
	124	/ Dalian Shipyard	2018	26 Dec 2019	2022
	134	/ Jiangnan Shipyard , Changxingdao	2018	28 Dec 2019	2022
	125	/ Dalian Shipyard	2019	2020	2022
<b>Type 052D</b>					

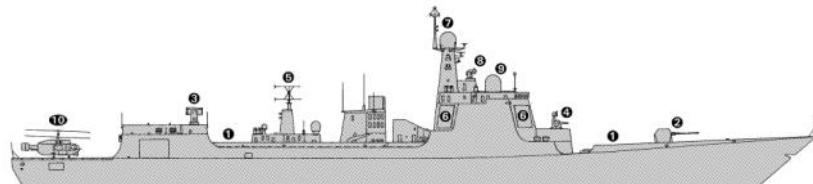
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	7500 tonnes (7381.5 (uk) t) (8267.3 t (short)) (7500000 kg)
<b>Length</b>	
overall:	157.0 m (515.1 ft) (117-121,131,154-155,161,163,172-175) 161 m (528.2 ft) (122-125,132-134,156-157,162,164)
<b>Beam</b>	
overall:	17.0 m (55.8 ft)
<b>Draught</b>	
hull:	6.0 m (19.7 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	30 kt (55.6 km/h) (34.5 mph)
<b>Range</b>	
standard:	4500 n miles (8334.0 km) (5178.5 miles) at 15 kt (27.8 km/h) (17.3 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	280
officers:	40
<b>Machinery:</b>	CODOG: 2 QC-280 gas turbines; 67,050 hp (50 MW) (est); 2 diesels; 8,840 hp(m) (6.5 MW); 2 shafts; cp props
<b>Firepower</b>	

<b>Missiles:</b>	<b>SAM:</b> 64-cell Universal VLS (32 fwd, 32 aft) [Ref 1]; HHQ-9A; command guidance and semi-active radar terminal homing to 150 km (81 n miles) at Mach 3; warhead 90 kg. 1 HHQ-10 24-cell launcher [Ref 3]; passive IR/anti-radiation homing to 9 km (4.9 n miles). <b>SSM:</b> YJ-18 (to be confirmed). <b>SLCM:</b> CJ-10 derivate, land-attack (to be confirmed).
<b>Guns:</b>	1 H/PJ-45A-130-1 130 mm [Ref 2]; 60-80 rds/min to 29 km (15.6 n miles); weight of shell 13.5 kg. 1 H/PJ-12 (Type 730) 30 mm [Ref 4]; 7 barrels per mounting; 4,200 rds/min combined to 4 km (2.2 n miles) or 1 H/PJ-11 (Type 1130) 30 mm (155); 11 barrels per mounting; 10,000 rds/min combined to 4 km (2.2 n miles).
<b>Torpedoes:</b>	6-324 mm Type 7424 (2 triple) tubes; Yu-7 active/passive homing to 14 km (7.6 n miles) at 43 kt; thermal; warhead 45 kg.
<b>Physical countermeasures:</b>	<b>Decoys:</b> 4 Type 726-4 18-barrelled 122 mm chaff launchers.
<b>Electronic countermeasures:</b>	<b>ESM/ECM:</b> NRJ-6A.
<b>Radar:</b>	<b>Air search:</b> Type 517B (Knife Rest) [Ref 5]; A-band. New A-band air search radar on 163, 123. <b>Air search/fire control:</b> Type 346 (Dragon Eye [modified]) phased arrays [Ref 6]; 3D; E/F-band. <b>Surface search:</b> Type 364 (Seagull C) [Ref 7]; G-band. <b>Fire control:</b> Type 344 (MR 34) [Ref 8]; I-band (for 130 mm). Mineral-ME (Band Stand) [Ref 9]; I-band (for SSM). <b>Navigation:</b> 2 Type 760 series; I-band.
<b>Sonars:</b>	SJD-9; hull mounted; active search and attack; medium frequency. Towed sonar suite (passive line and active VDS) (possibly H/SJG-311).
<b>Combat data systems:</b>	H/ZKJ-5 (to be confirmed); SATCOM.
<b>Weapon control systems:</b>	To be announced. Datalink.
<b>Helicopters:</b>	2 Z-9C/D or Ka-28/31 Helix [Ref 10] or Z-20.

**Programmes:** The first two ships of a new class of destroyers were observed under construction at Jiangnan Shipyard, Changxingdao, in 2012. A second production facility was initiated in 2014 at Dalian Shipbuilding Industry Company (DSIC). Numbers are steadily increasing.

**Structure:** The ships are a development of the Type 052C destroyers. The principal features of the new class include a development of the Dragon Eye phased array radar, with flat panels compared with the curved ones of the Type 052C, and a new multipurpose vertical launching system (VLS) installed in a grid form, compared to the circular silos fitted to the Type 052C. The VLS is capable of housing SAM, SSM, and land-attack missiles. The SAM system is reported to be an improved version of HHQ-9 and the SSM system is likely to be the YJ-18 anti-ship missile, although details are sparse. Armament forward includes a single-barrelled 130 mm gun and a Type 730 close-in weapons system (CIWS) (replaced by Type 1130 CIWS in later units). Aft there is a flight deck and centre-line hangar on which there is a short-range missile system (HHQ-10). Hull stretch of 4 m noted from *Zibo*, launched in June 2018, onwards, enabling operation of larger maritime helicopter. New air search antenna (replacing Type 517 Knife Rest) noted on ships launched in mid-2019.

**Operational:** Basing: South Sea Fleet: 161, 172-175. North Sea Fleet: 117-121. East Sea Fleet: 154-157. These ships are likely to be key components of PLAN carrier task groups.



*LUYANG III (Ian Sturton)*

1525661



*KUNMING (Ships of the World)*

1632218



*TAIYUAN (Japan MoD)*

1751475



XINING (Japan MoD)

1751480

## Type 60 m A/B class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

(WPSOH)

Type	60	m	A
IN		SERVICE:	8
Type	60	m	B
IN SERVICE: 27			

**NEW ENTRY**

### Fleetlist

ship names
Haixun 0713 (ex-Haixun 113)
Haixun 0301 (ex-Haixun 028)
Haixun 153
Haixun 0802 (ex-Haixun 132)
Haixun 089
Haixun 1102 (ex-Haixun 183)
Haixun 0491 (ex-Haixun 42)
Haixun 101
Haixun 1468 (ex-Haixun 168)
Haixun 0920 (ex-Haixun 154 , ex-Haixun 156)

Haixun 0204

Haixun 0204 (ex-Haixun 053)

Haixun 029

Haixun 049

Haixun 062

Haixun 0522

Haixun 0492

Haixun 0505

Haixun 0611

Haixun 012

Haixun 1001

Haixun 0929

Haixun 1103

Haixun 0591

Haixun 0761

Haixun 0735

Haixun 0806

Haixun 0751

Haixun 0571

Haixun 0302

Haixun 1008

Haixun 0303

Haixun 0471

Haixun 0592

**Type 60 m A, Type 60 m B**

<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	845 tonnes (831.7 (uk) t) (931.5 t (short)) (845000 kg)
<b>Length</b>	
overall:	64 m (210.0 ft)
<b>Beam</b>	
overall:	10.2 m (33.5 ft)
<b>Draught</b>	
hull:	3.5 m (11.5 ft)
<b>Machinery:</b>	2 or 3 diesels; 2 or 3 shafts
<b>Firepower</b>	
<b>Helicopters:</b>	Platform only for 1 light (on some).

**Comment:** Group of patrol ships classed as Type 60 m and two main sub types. Type A built about 2005-10, and Type B 2009-20. Roles include patrol, search-and-rescue, and pollution prevention. Built by about nine shipyards (Huanghai Shipbuilding, Huangpu Shipyard, Huangpu Wenchong, Guijiang Shipbuilding, Tongfang Jiangxin Shipbuilding, Weihai Donghai Shipbuilding, Wuchang Heavy Industries, Wuhan Nanhua Fast Ship Engineering, Xijiang Shipyard) and the total number of ships is unknown. There are differences between reported ships, including several propulsion configurations and variants with and without flight decks. Details reflect Type B, with Type A smaller at about 61.2 m length and 9 m beam. Twin shaft propulsion for speeds of 16-21.5 kt, and several with three engines capable of 23+ kt. Type B ships are noted to be ice-strengthened.

## Type 075

**Date Posted:** 01-May-2020

**Publication:** Jane's Fighting Ships

**(LHDM)**

**BUILDING: 3**

***UPDATED***

**Fleetlist**

This information is unavailable.

Type 075	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	31000 tonnes (30510.4 (uk) t) (34171.7 t (short)) (31000000 kg)
<b>Length</b>	
overall:	235 m (771.0 ft)
<b>Beam</b>	
overall:	45 m (147.6 ft)
<b>Draught</b>	
hull:	8.5 m (27.9 ft)
<b>Flight Deck</b>	
width overall:	35 m (114.8 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	23 kt (42.6 km/h) (26.5 mph)
<b>Machinery:</b>	CODAD; 4 diesels; 2 shafts
<b>Firepower</b>	
<b>Missiles:</b>	<b>SAM:</b> 2 launchers for HHQ-10; passive IR/anti-radiation homing to 9 km (4.9 n miles).
<b>Guns:</b>	2 H/PJ-11 (Type 1130) 30 mm; 11 barrels per mounting; 10,000 rds/min combined to 4 km (2.2 n miles).
<b>Radars:</b>	<b>Air search:</b> Fregat-MAE-3 (Top Plate); 3D; E/F-band. <b>Air/surface search:</b> To be announced. <b>Navigation:</b> To be announced.
<b>Helicopters:</b>	Up to 30 medium.

**Programmes:** Chinese media noted in March 2017 that a landing helicopter dock (LHD) type vessel with through-deck flight deck had started production. Specifications reflect reported data for the initial batch and there are indications that subsequent units may displace up to 40,000 tonnes. Expected to be able to embark up to 30 helicopters, with six landing spots on the flight deck. The first ship was launched in September 2019. A fire while outfitting alongside on 11 April 2020 may affect the commissioning schedule. The second ship was launched on 22 April 2020.

**Structure:** Features include a docking well, large aircraft elevator aft, and up to two further elevators.

## Type 271

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(LANDING CRAFT) (LCU)**

**IN SERVICE:** 25

**UPDATED**

### Fleetlist

This information is unavailable.

Type 271	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
standard:	620 tonnes (610.2 (uk) t) (683.4 t (short)) (620000 kg)
full load:	813 tonnes (800.2 (uk) t) (896.2 t (short)) (813000 kg)
<b>Length</b>	
overall:	56.5 m (185.4 ft)
<b>Beam</b>	
overall:	10.4 m (34.1 ft)
<b>Draught</b>	
hull:	2.3 m (7.5 ft)
<b>Performance</b>	

<b>Speed</b>	
top speed:	13 kt (24.1 km/h) (15.0 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	25
<b>Military lift:</b>	3 tanks, 200 troops, or 150 tonnes
<b>Machinery:</b>	2 diesels; 2,250 hp (1.7 MW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	8-14.5 mm (4 twin).
<b>Radars:</b>	<b>Navigation:</b> I-band.

**Comment:** Utility landing craft widely used for the transport of troops, vehicles and stores. Construction is reported to have started in 1968 and the first variant (Type 271I) entered service in about 1970 and this was followed in 1972-78 by Type 271II and in the late 1980s by Type 271III. Building continued in the 1990s to replace decommissioned craft but current numbers are approximate. Details are based on the latest generation of craft.



*TYPE 271 (Chris Sattler)*

1335678

## Type 618B patrol craft

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(WPSO)**

**IN SERVICE: 28**

***UPDATED***

**Fleetlist**

<b>ship names</b>
Haijing 12101 (ex-Haijing 12001)
Haijing 13101 (ex-Haijing 13001)
Haijing 13102 (ex-Haijing 13002)
Haijing 21101 (ex-Haijing 21001)
Haijing 21102 (ex-Haijing 21002)
Haijing 21103
Haijing 31102 (ex-Haijing 31001)
Haijing 32101 (ex-Haijing 32001)
Haijing 32102 (ex-Haijing 32002)
Haijing 33101 (ex-Haijing 33001)
Haijing 13602 (ex-33102 , ex-33002)
Haijing 35101 (ex-Haijing 35002)
Haijing 35103 (ex-Haijing 35003)
Haijing 37101 (ex-Haijing 37001)
Haijing 37102 (ex-Haijing 37002)
Haijing 44011 (ex-Haijing 44015)
Haijing 44103 (ex-Haijing 44068)
Haijing 45101 (ex-Haijing 45001)
Haijing 45102 (ex-Haijing 45002)
Haijing 46101 (ex-Haijing 46003)
Haijing 46012 (ex-Haijing 46001)

Haijing 46105
Haijing 46106
Haijing 015
Haijing 35102
Haijing 44101
Haijing 37102
Haijing 46102
<b>Type 618B</b>
<b>Dimensions and weights</b>
<b>Measurement</b>
gross tonnage: 651 tonnes (640.7 (uk) t) (717.6 t (short)) (651000 kg)
<b>Length</b>
overall: 63.5 m (208.3 ft)
<b>Beam</b>
overall: 9 m (29.5 ft)
<b>Draught</b>
hull: 2.8 m (9.2 ft)
<b>Performance</b>
<b>Speed</b>
top speed: 25 kt (46.3 km/h) (28.8 mph)
<b>Machinery:</b> 2 diesels; 2 shafts
<b>Firepower</b>
<b>Guns:</b> 4-37 mm (2 twin).
<b>Radars:</b> Surface search: E/F-band. Navigation: I-band.
<b>Comment:</b> Medium-sized patrol vessels commissioned 2009-15.

# Type 837 (Hujiu) class

Date Posted: 29-Feb-2020

Publication: Jane's Fighting Ships

(ATF)

IN SERVICE: 12

*VERIFIED*

## Fleetlist

No
Nan Tuo 147
Nan Tuo 156
Nan Tuo 174
Nan Tuo 175
Nan Tuo 185
Bei Tuo 635
Bei Tuo 711
Bei Tuo 712
Bei Tuo 717
Bei Tuo 836
Dong Tuo 842
Bei Tuo 877
Type 837

## Dimensions and weights

## Displacement

full load: 1494 tonnes (1470.4 (uk) t) (1646.9 t (short)) (1494000 kg)

## Length

overall:	60.2 m (197.5 ft)
<b>Beam</b>	
overall:	11.6 m (38.1 ft)
<b>Draught</b>	
hull:	4.4 m (14.4 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	15 kt (27.8 km/h) (17.3 mph)
<b>Range</b>	
standard:	7200 n miles (13334.4 km) (8285.6 miles) at 14 kt (25.9 km/h) (16.1 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	56
<b>Machinery:</b>	2 LVP 24 diesels; 1,800 hp(m) (1.32 MW); 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<b>Navigation:</b> Fin Curve or Type 756; I-band.

**Comment:** Built at Wuhu in 1980s. One sold to Bangladesh in 1984 and a second in 1995.

Basing: 635, 711, 712, and 717 in the North Sea Fleet; 836, 842, and 877 in the East Sea Fleet; 147, 156, 174, 175, and 185 in the South Sea Fleet. Some may no longer be active.



HUJIU 877 (*Kürsener Collection*)

1292176



HUJIU CLASS SILHOUETTE (*Ian Sturton*)

1164359

## Type 0891A (Dashi) class

**Date Posted:** 10-Sep-2019

**Publication:** Jane's Fighting Ships

(HSS/AHH)

**IN SERVICE:** 1

**UPDATED**

### Fleetlist

ship names	No	Builders	Launched	Commissioned
Shichang	82	/ Qiuxin , Shanghai	Apr 1996	27 Jan 1997
<b>Type 0891A</b>				

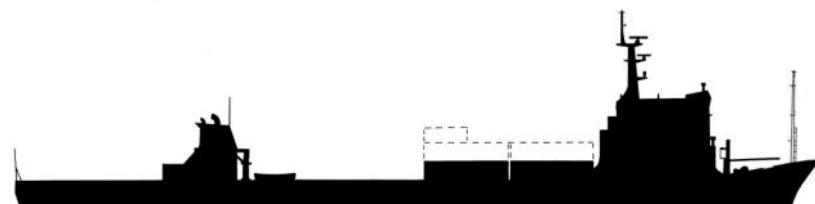
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	10160 tonnes (9999.5 (uk) t) (11199.5 t (short)) (10160000 kg)
<b>Length</b>	
overall:	120 m (393.7 ft)
<b>Beam</b>	
overall:	18 m (59.1 ft)
<b>Draught</b>	
hull:	7 m (23.0 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	17.5 kt (32.4 km/h) (20.1 mph)
<b>Range</b>	
standard:	8000 n miles (14816.0 km) (9206.2 miles) at 17 kt (31.5 km/h) (19.6 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	370
trainees:	200
<b>Military lift:</b>	300 containers
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Helicopters:</b>	Platform only. 2 spots

**Comment:** Multirole ship officially described as a defence mobilisation vessel. Up to 300 ISO containers can be loaded onto weather deck in two layers. Can be used for civilian freight, for helicopter or navigation training, or as a hospital ship. The vessel looks like a scaled down version of the UK Argus with the bridge superstructure forward and an after funnel on the starboard side of the flight deck. Helicopter training modules include temporary hangar. There are two landing spots. Medical modules may include operating theatres, wards, and X-ray facilities. Based in the North Sea Fleet.



*SHICHANG (Annati Collection)*

1693565



*TYPE 0891A (DASHI) CLASS SILHOUETTE (Ian Sturton)*

1164383

## Type 901 class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(COMBAT SUPPORT SHIP) (AOEH)**

**IN**

**SERVICE:**

**2**

**PROPOSED/TRANSFER: 2**

**UPDATED**

**Fleetlist**

<b>ship names</b>	<b>No</b>	<b>Builders</b>	<b>Laid down</b>	<b>Launched</b>	<b>Commissioned</b>					
Hulun Hu	965	/ Guangzhou Shipyard International	2013	15 Dec 2015	1 Sep 2017					
Chagan Hu	967	/ Guangzhou Shipyard International	2015	Jun 2017	Dec 2018					
<b>Type 901</b>										
<b>Dimensions and weights</b>										
<b>Displacement</b>										
full load:	48000 tonnes (est.) (47241.9 (uk) t est.) (52910.9 t (short) est.) (48000000 kg est.)									
<b>Length</b>										
overall:	241 m (790.7 ft)									
<b>Beam</b>										
overall:	32 m (105.0 ft)									
<b>Draught</b>										
hull:	10.8 m (35.4 ft)									
<b>Performance</b>										
<b>Speed</b>										
top speed:	21 kt (38.9 km/h) (24.2 mph)									
<b>Machinery:</b>	CODAD; Shaanxi SEMT-Pielstick 16PC2.6 diesels; 2 shafts									
<b>Firepower</b>										
<b>Guns:</b>	4 H/PJ-13 30 mm/65 (AK-630M); 6 barrels per mounting; 5,000 rds/min combined to 4 km (2.2 n miles).									
<b>Radars:</b>	<b>Air/surface search:</b> Type 364 (Seagull C 5); G-band. <b>Navigation:</b> E/F/I-bands. <b>Fire-control:</b> To be announced.									
<b>Helicopters:</b>	2 Z-8 or Z-18.									

**Comment:** The first of a new class of combat support ship was launched at Guangzhou Shipyard International's Longxue (Nansha) yard on 15 December 2015. The ship is expected to have a carrier support role and to be capable of under way replenishment of fuel oil for propulsion, aviation fuel, air-launched weapons, general stores, and victuals. The ship is equipped with three gantries each side and a fourth high-point structure port side aft. Overall there are five hose rigs for liquid refuelling on the port side and four on the starboard side. The central gantry provides a transfer station for solids on each side. Replenishment of solids is expected to include food and equipment spares, as well as air-launched weapons. Design features also include a large flight deck and two hangars enabling embarkation of aircraft such as the Z-8/Z-18 medium-lift helicopters. The ship was commissioned in September 2017. A second ship was launched in June 2017 and commissioned in December 2018. Additional ships are expected.



*HULUN HU (Japan MoD)*

1751483



*HULUN HU (Japan MoD)*

1751521

## Type 917 class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(TORPEDO RECOVERY SHIPS) (AGT)**

**IN SERVICE:** 8

**UPDATED**

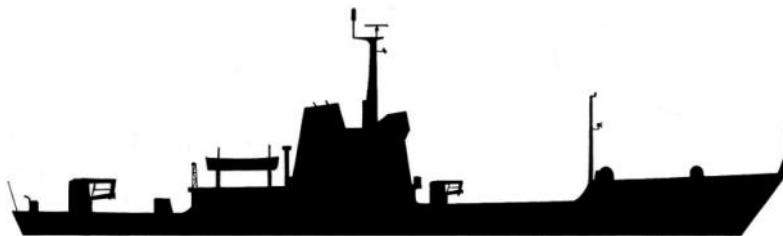
**Fleetlist**

No
----

Bei Yun 455	
Bei Yun 484	
Bei Yun 485	
Bei Yun 529	
Dong Yun 758	
Dong Yun 803	
Nan Yun 844	
Nan Yun 854	
<b>Type 917</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	720 tonnes (708.6 (uk) t) (793.7 t (short)) (720000 kg)
<b>Length</b>	
overall:	63.7 m (209.0 ft)
<b>Beam</b>	
overall:	9.0 m (29.5 ft)
<b>Draught</b>	
hull:	2.8 m (9.2 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	13 kt (24.1 km/h) (15.0 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	40

<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<b>Navigation:</b> Fin Curve; I-band.

**Comment:** Used for torpedo recovery and training support. Also referred to as Damen class. Built between 1983 and 2007. Several have been deleted, including Nan Yun 841 decommissioned in 2015. Hydraulic crane forward of bridge and on the quarterdeck. Basing: 455, 484, 485, and 529 in the North Sea Fleet; 758 and 803 in the East Sea Fleet; 844 and 854 in the South Sea Fleet.



*TYPE 917 CLASS SILHOUETTE (Ian Sturton)*

1164369

## Type 927

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

(AGOSH)

**IN SERVICE:** 3

**UPDATED**

### Fleetlist

No	Builders	Launched	Commissioned
780	/ Huangpu Shipyard	Jun 2017	2018
781	/ Wuchang Shangliu	Mar 2018	2019
782	/ Huangpu Shipyard	27 Mar 2018	2019

**Type 927**

**Dimensions and weights**

**Displacement**

full load:	5000 tonnes (est.) (4921.0 (uk) t est.) (5511.6 t (short) est.) (5000000 kg est.)
<b>Length</b>	
overall:	90 m (est.) (295.3 ft est.)
<b>Beam</b>	
overall:	30 m (98.4 ft)
<b>Machinery:</b>	To be announced
<b>Firepower</b>	
<b>Radar:</b>	To be announced.
<b>Sonars:</b>	Active/passive towed array sonar.

**Comment:** The Type 927 SWATH vessels of about 90 m length and 5,000 tonnes appear to be superficially similar to the USNS *Impeccable* and also appear to have underwater surveillance as their primary role. Equipped with flight deck aft. First ship (780) was reported fitting out at Huangpu Shipyard, Guangzhou, in June 2017. A second ship (781) was launched at Wuchang Shuangliu in March 2018, and a third at Huangpu Shipyard in March 2018. Expected to be assigned to South and East Sea fleets.

## Type 944A class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

(ABU)

**IN SERVICE:** 2

***NEW ENTRY***

### Fleetlist

No	Commissioned
Dong Biao 265	23 Jan 2017
Nan Biao 467	Jun 2017
<b>Type 944A</b>	
<b>Dimensions and weights</b>	

<b>Displacement</b>	
full load:	2000 tonnes (1968.4 (uk) t) (2204.6 t (short)) (2000000 kg)
<b>Performance</b>	
<b>Speed</b>	
top speed:	15 kt (27.8 km/h) (17.3 mph)
<b>Machinery:</b>	2 diesels; 2 shafts

**Comment:** Buoy tenders commissioned from 2017. The first ship replaced a unit of the same name built in 1980. Endurance 50 days.

## Type 7103 rescue submersible

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(RESCUE VEHICLES) (DSRV)**

**IN SERVICE:** 2

**UPDATED**

### Fleetlist

This information is unavailable.

<b>Type 7103</b>	
<b>Dimensions and weights</b>	
<b>Length</b>	
overall:	14.9 m (48.9 ft)
<b>Beam</b>	
overall:	2.6 m (8.5 ft)
<b>Draught</b>	
hull:	2.6 m (8.5 ft)
<b>Performance</b>	

<b>Speed</b>	
top speed:	4 kt (7.4 km/h) (4.6 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	3
<b>Machinery:</b>	2 silver-zinc batteries; 1 motor; 1 shaft

**Comment:** Construction of first vessel at Wuchang Shipyard in Wuhan commenced in 1976 and completed sea trials in 1986. Deployed on Type 925 (Dajiang class) submarine support ships. Capable of 'wet' rescue at 300 m and of diving to 600 m. Capacity for up to 22 survivors. Underwater TV, high-frequency active sonar and a manipulator arm are all fitted. Life support duration is 1,728 man-hours. Modernised by 1996. May have been superseded by LR 7 rescue vehicle.



DSRV (CSSC)

0056786

## Type 910/910A class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(WEAPON TESTING VESSEL) (AGE)**

IN	SERVICE:	3
BUILDING: 1		

**UPDATED**

### Fleetlist

ship names	No	Builders	Laid down	Launched	Commissioned
Zhan Tianyou	893	/		2010	2012

Li Siguang	894	/	2012	1 Nov 2013	1 Oct 2014					
Wu Yunyu	895	/ Wuhu Shipyard		30 Apr 2018	2019					
<b>Type 910/910A</b>										
<b>Dimensions and weights</b>										
<b>Displacement</b>										
full load:	6000 tonnes (est.) (5905.2 (uk) t est.) (6613.9 t (short) est.) (6000000 kg est.)									
<b>Length</b>										
overall:	129.3 m (424.2 ft)									
<b>Beam</b>										
overall:	17 m (55.8 ft)									
<b>Draught</b>										
hull:	8.1 m (26.6 ft)									
<b>Performance</b>										
<b>Speed</b>										
top speed:	17.5 kt (32.4 km/h) (20.1 mph)									
Machinery:	Diesel-electric; 2 diesel generators; 2 motors; 5,710 hp (4.2 MW); 2 shafts									
<b>Firepower</b>										
Radars:	To be announced.									

**Comment:** Acoustic trials ships similar to Type 636A oceanographic survey ships, on which details are based. 893 commissioned in 2012, 894 in 2014. Two further ships (Type 910A) were launched in 2018.

## TYPE P 58E

**Date Posted:** 20-Jan-2009

**Publication:** Jane's Fighting Ships

## (COMMAND SHIPS) (AGF)

IN SERVICE: 7

**ARCHIVED**

No
901
902
903
904
905
906
907
<b>Displacement, tons:</b> 435 full load
<b>Dimensions, feet (metres):</b> 190.3 × 24.9 × 7.5 (58 × 7.6 × 2.3)
<b>Main machinery:</b> 4 MTU diesels; 8,720 hp(m) (6.4 MW) sustained; 4 shafts
<b>Speed, knots:</b> 27
<b>Range, n miles:</b> 1,500 at 12 kt
<b>Complement:</b> 50
<b>Guns:</b> 2 China 14.5 mm/93 (twin) MGs.
<b>Radar:</b> Surface search: I-band.

**Comment:** First one built at Guangzhou in 1990, last one in 1998. Less well armed but similar to those in service with Pakistan's MSA. Used as command ships.



*HAI GUAN 901 (T Hollingsbee)*

0056811

## US 1-511 (shan) class

**Date Posted:** 28-Oct-2005

**Publication:** Jane's Fighting Ships

**(LST)**

**IN SERVICE:** 3

**ARCHIVED**

<b>Displacement, tons:</b>	1,653 standard; 4,080 full load
<b>Dimensions, feet (metres):</b>	328 × 50 × 14 (100 × 15.3 × 4.3)
<b>Main machinery:</b>	2 GM 12-567A diesels; 1,800 hp(m) (1.32 MW); 2 shafts
<b>Speed, knots:</b>	11
<b>Range, n miles:</b>	1,500 at 11 kt
<b>Complement:</b>	115
<b>Military lift:</b>	165 troops; 2,100 tons cargo; 2 LCVP
<b>Guns:</b>	2-76 mm/50; dual purpose; 18 rds/min to 12.8 km (7 n miles); weight of shell 5.92 kg.  9 China 37 mm/63 (3 twin, 3 single); 180 rds/min to 8.5 km (4.6 n miles); weight of shell 1.42 kg
<b>Mines:</b>	All capable of minelaying

**Comment:** The survivors of large class being replaced by more modern designs. Some other ex-US LSTs are in the merchant service or used as tenders. Some armed with rocket launchers. All built between 1942 and 1945. Based in the North Sea Fleet. May now have been deleted.



*SHAN 926 (Paul Beaver)*

0056779

## Wochi (Type 081/081A) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

(MCMV)

IN	SERVICE:	13
BUILDING: 1		

***UPDATED***

### Fleetlist

ship names	No	Builders	Launched	Commissioned
Zhangjiagang	805 (ex-328)	/ Qiuixin Shipyard , Shanghai	2006	5 Mar 2007
Jingjiang	810 (ex-438)	/		9 Nov 2007
Liuyang	839 (ex-329)	/	Nov 2006	29 Jul 2007
Luxi	840	/	May 2006	29 Jul 2007

Xiaoyi	841	/	Oct 2010	24 Feb 2012
Taishan	842	/		6 Aug 2012
Changshu	843	/	May 2012	13 May 2013
Heshan	844	/	27 Sep 2012	10 Oct 2013
Qingzhou	845	/		26 Jan 2014
Yucheng	846	/	Sep 2013	10 Oct 2014
Renhuai	847	/ Wuhu Shipyard	10 Dec 2017	2018
Xuanwei	848	/ Wuhu Shipyard	Aug 2017	Jan 2019
Wudi	849	/ Wuhu Shipyard	10 Dec 2017	2019
	831	/ Wuhu Shipyard	28 Mar 2018	2019

### **Wochi**

<b>Dimensions and weights</b>	
full load:	996 tonnes (980.3 (uk) t) (1097.9 t (short)) (996000 kg) (805,810,839-840) 1200 tonnes (1181.0 (uk) t) (1322.8 t (short)) (1200000 kg) (831,841-849)
<b>Length</b>	
overall:	65 m (213.3 ft) (805,810,839-840) 67.6 m (221.8 ft) (831,841-849)
<b>Beam</b>	
overall:	10 m (32.8 ft)
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
Guns:	Type 081: 1 H/PJ-76F 37 mm/63 (twin); 400 rds/min to 9.4 km (5.1 n miles); weight of shell 0.73 kg. Type 081A: 1 H/PJ-14 30 mm; 350 rds/min to 3 km (1.6 n miles) (841-849, 831).
<b>Physical countermeasures:</b>	To be announced.

<b>Radars:</b>	To be announced.
<b>Sonars:</b>	To be announced.
<b>Combat data systems:</b>	To be announced.

**Comment:** Similar in appearance to the ageing T43 (Type 6610) class but approximately 5 m longer. Initial construction at Qiuxin shipyard. First batch all entered service in 2007. Gap of five years before second batch (Type 081A) entered service. Little is known about the capabilities of the ships. Basing: 845-849 North Sea Fleet. 805, 810, 831 East Sea Fleet. 839-844 South Sea Fleet.



*ZHANGJIAGANG (Kürsener Collection)*

1292177



*HESHAN (A Sheldon-Duplaix)*

1525589

## Wolei (Type 918) class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIP) (WPSO)**

**IN SERVICE: 1**

**Fleetlist**

ship names	
Haijing 1212 (ex-Haijian 112 , ex-Liaoyang)	
	<b>Wolei</b>
<b>Dimensions and weights</b>	
<b>Displacement</b>	
standard:	2337 tonnes (2300.1 (uk) t) (2576.1 t (short)) (2337000 kg)
full load:	3150 tonnes (3100.3 (uk) t) (3472.3 t (short)) (3150000 kg)
<b>Length</b>	
overall:	94.9 m (311.4 ft)
<b>Beam</b>	
overall:	14.4 m (47.2 ft)
<b>Draught</b>	
hull:	4 m (13.1 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	18 kt (33.3 km/h) (20.7 mph)
<b>Range</b>	
standard:	7000 n miles (12964.0 km) (8055.5 miles) at 14 kt (25.9 km/h) (16.1 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	180
<b>Machinery:</b>	2 diesels; 4,300 hp (3.2 MW); 2 shafts

<b>Firepower</b>	
<b>Guns:</b>	2-57 mm/50 (twin). 6 Type 61/74 37 mm (3 twin).
<b>Radar:</b>	Surface search. Fire control. Navigation.

**Comment:** Former PLAN minelayer built at Dalian Shipyard and completed in 1988. Resembles the deleted Japanese Souya class. Transferred first to China Marine Surveillance in 2012 and subsequently to the China Coast Guard in 2013.

## **Wosao (Type 082/082I) class**

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(MINESWEEPERS-COASTAL) (MSC)**

**IN SERVICE: 16**

***UPDATED***

### **Fleetlist**

No
800 (ex-4422)
801 (ex-4423)
802 (ex-4424)
803 (ex-4425)
806
807
816
817
820
821
822
823

824
825
826
827
<b>Wosao</b>
<b>Dimensions and weights</b>
<b>Displacement</b>
standard: 295 tonnes (290.3 (uk) t) (325.2 t (short)) (295000 kg)
full load: 325 tonnes (319.9 (uk) t) (358.3 t (short)) (325000 kg)
<b>Length</b>
overall: 44.8 m (147.0 ft)
<b>Beam</b>
overall: 6.8 m (22.3 ft)
<b>Draught</b>
hull: 2.3 m (7.5 ft)
<b>Performance</b>
<b>Speed</b>
top speed: 15 kt (27.8 km/h) (17.3 mph)
<b>Range</b>
standard: 500 n miles (926.0 km) (575.4 miles) at 8 kt (14.8 km/h) (9.2 mph)
<b>Capacity</b>
<b>Complement</b>
military
crew: 28
<b>Machinery:</b> 2 12V180-1 diesels; 2,000 hp (1.5 MW); 2 shafts

<b>Firepower</b>	
<b>Guns:</b>	2 Type 61 25 mm/60 (twin); 450 rds/min to 2.7 km (1.5 n mile); weight of shell 0.28 kg.
<b>Mines:</b>	6.
<b>Physical countermeasures:</b>	Acoustic, magnetic and mechanical sweeps.
<b>Radars:</b>	<b>Navigation:</b> China Type 753; I-band.
<b>Sonars:</b>	Hull-mounted; active minehunting.

**Comment:** Building started in 1986. First of class commissioned in 1988 but second, with modified bridge structure, not seen until 1997. Steel hull with low magnetic properties. Equipped with mechanical (Type 316), magnetic (Type 317), acoustic (Type 318) and infrasonic (Type 319) sweeps. Modifications to superstructure 806 onward (referred to as Type 082I). Basing: 820-823 North Sea Fleet; 800-803, 806-807, 816-817 East Sea Fleet; 824-827 South Sea Fleet.



*WOSAO 801 (Kürsener Collection)*

1724285



*WOSAO CLASS SILHOUETTE (Ian Sturton)*

1153084

## Wozang (Type 082II) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(MCMV)**

**IN SERVICE: 6**

**UPDATED**

**Fleetlist**

<b>ship names</b>	<b>No</b>	<b>Builders</b>	<b>Launched</b>	<b>Commissioned</b>
Huoqiu	804	/ Qiuxin Shipyard , Shanghai	Apr 2004	Jul 2005
Kunshan	818	/ Jiangnan Shipyard , Shanghai	2 Nov 2010	25 Dec 2011
Kaiping	809	/ Jiangnan Shipyard , Shanghai	2014	6 May 2015
Rongcheng	811	/ Jiangnan Shipyard , Shanghai	2015	25 Jan 2016
Donggang	814	/ Jiangnan Shipyard , Shanghai	2015	29 Dec 2016
Rudong	808	/	30 Sep 2016	Dec 2017

**Wozang**

**Dimensions and weights**

**Displacement**

full load: 584 tonnes (574.8 (uk) t) (643.7 t (short)) (584000 kg)

**Length**

overall: 55.0 m (180.4 ft)

**Beam**

overall: 9.3 m (30.5 ft)

**Draught**

hull: 2.6 m (8.5 ft)

**Machinery:** 2 diesels; 2 shafts

**Firepower**

<b>Guns:</b>	4 Type 61 25 mm (2 twin); 450 rds/min to 2.7 km (1.5 n miles); weight of shell 0.28 kg (804); 1 H/PJ-14 30 mm; 350 rds/min to 3 km (1.6 n miles) (818, 809, 811, 814, 808).
<b>Physical countermeasures:</b>	To be announced.
<b>Radar:</b>	To be announced.
<b>Sonars:</b>	To be announced.
<b>Combat data systems:</b>	To be announced.

**Comment:** Type 082II is capable of remotely controlling up to three Type 529 unmanned minesweeping craft, which appear to have pennant numbers derived from host ship for example 804 + 8041, 8042, 8043. Basing: 804, 818 North Sea Fleet; 811, 814 East Sea Fleet; 809 South Sea Fleet. 808 to be confirmed.



*HUOQIU (Ships of the World)*

1305361



*KUNSHAN (A Sheldon-Duplaix)*

1483016

# XAC H-6G/H-6DU

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**IN SERVICE:** 30/3

**UPDATED**

<b>Operational speed:</b>	424 kt ( <i>785 km/h</i> ).
<b>Service ceiling:</b>	39,370 ft ( <i>12,000 m</i> ).
<b>Range:</b>	2,322 n miles ( <i>4,300 km</i> ).
<b>Role/Weapon systems:</b>	H-6G: cruise missile carrying maritime strike replaced H-6D. H-6DU: aerial refuelling. Sensors: Search/attack radar. Weapons: four underwing pylons; YJ-83K, YJ-12 ASMs. Can also carry ECM pods. H-6DU has hose-and-drogue refuelling pod under each wing.

# XAC JH-7/JH-7A

**Date Posted:** 28-Feb-2020

**Publication:** Jane's Fighting Ships

**IN SERVICE:** 54/66

**UPDATED**

<b>Operational speed:</b>	653 kt ( <i>1,210 km/h</i> ).
<b>Service ceiling:</b>	51,180 ft ( <i>15,600 m</i> ).
<b>Range:</b>	891 n miles ( <i>1,650 km</i> ).
<b>Role/Weapon systems:</b>	All-weather tandem seat maritime multirole fighter bomber. Entered service with PLANAF in 1998; upgraded JH-7A delivered from 2004. Sensors: Letri JL-10A Shen-Ying pulse Doppler fire-control radar capable of tracking four targets to 29 n miles (54 km) in look-down mode simultaneously. Weapons: 11 external hardpoints. AAM; PL-5b, PL-8 and 23 mm gun. ASuW; YJ-81, YJ-83K, KD-88 or YJ-91 anti-ship missiles. LGBs, rocket pods, aerial mines, and ECM pods may also be carried.

# XIA class (Type 092)

**Date Posted:** 13-Feb-2015

**Publication:** Jane's Fighting Ships

(SSBN)

**IN SERVICE:** 1

**ARCHIVED**

## Fleetlist

<b>ship names</b>	<b>No</b>	<b>Builders</b>	<b>Laid down</b>	<b>Launched</b>	<b>Commissioned</b>
Xia	406	/ Bohai Shipyard , Huludao	1978	30 Apr 1981	1987

**XIA**

## **Dimensions and weights**

### **Displacement**

dived: 6604 tonnes (6499.7 (uk) t) (7279.7 t (short)) (6604000 kg)

### **Length**

overall: 120 m (393.7 ft)

### **Beam**

overall: 10 m (32.8 ft)

### **Draught**

hull: 8 m (26.2 ft)

## **Performance**

### **Speed**

top speed: 22 kt (40.7 km/h) (25.3 mph)

dived: 22 kt (40.7 km/h) (25.3 mph)

## **Capacity**

<b>Complement</b>	
military	
crew:	140
<b>Machinery:</b>	Nuclear; turbo-electric; 1 PWR; 90 MW; 1 shaft
<b>Firepower</b>	
<b>Missiles:</b>	<b>SLBM:</b> 12 JL-1 (CSS-N-3); inertial guidance to 2,150 km (1,160 n miles); warhead single nuclear 250 kT.
<b>Torpedoes:</b>	6-21 in (533 mm) bow tubes. Yu-3 (SET-65E); active/passive homing to 15 km (8.1 n miles) at 40 kt; warhead 205 kg.
<b>Electronic countermeasures:</b>	<b>ESM:</b> Type 921-A; radar warning.
<b>Radars:</b>	<b>Surface search:</b> Snoop Tray; I-band.
<b>Sonars:</b>	Trout Cheek; hull-mounted; active/passive search and attack; medium frequency.

**Programmes:** A second of class was reported launched in 1982 and an unconfirmed report suggests that one of the two was lost in an accident in 1985.

**Modernisation:** Started major update in late 1995 at Huludao, thought to include fitting improved JL-1A missile with increased range but this has not been confirmed.

**Structure:** Diving depth 300 m (985 ft).

**Operational:** First test launch of the JL-1 missile took place on 30 April 1982 from a submerged pontoon near Huludao (Yellow Sea). Second launched on 12 October 1982, from the Golf class trials submarine. The first firing from *Xia* was in 1985 and was unsuccessful (delaying final acceptance into service of the submarine) and it was not until 27 September 1988 that a satisfactory launch took place. Based in the North Sea Fleet at Jianggezhuang. Following a refit which completed in late 1998, was reported to be operational as a submarine in 2003 although firing of a JL-1 missile has not been reported and its status as a ballistic-missile submarine is uncertain..



XIA (*Ships of the World*)

0529138



XIA CLASS SILHOUETTE (*Ian Sturton*)

1153068

## Yanbing (Mod Yanha)

**Date Posted:** 12-Sep-2019

**Publication:** Jane's Fighting Ships

(WAGB/WPSO)

**IN SERVICE:** 1

**UPDATED**

### Fleetlist

ship names
Haijing 1411 (ex-Haibing 723 , ex-Haijian 111)
Yanbing
Dimensions and weights

<b>Displacement</b>	
full load:	4491 tonnes (4420.1 (uk) t) (4950.5 t (short)) (4491000 kg)
<b>Length</b>	
overall:	102 m (334.6 ft)
<b>Beam</b>	
overall:	17.1 m (56.1 ft)
<b>Draught</b>	
hull:	5.9 m (19.4 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	17 kt (31.5 km/h) (19.6 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	95
<b>Machinery:</b>	Diesel-electric; 2 diesel generators; 2 motors; 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<b>Navigation:</b> 2 Fin Curve; I-band.

**Comment:** Enlarged version of Yanha class icebreaker, built in 1982, with greater displacement, longer and wider hull, added deck level and curved upper funnel. Transferred to China Coast Guard in November 2012. Based in the north.





YANBING CLASS SILHOUETTE (Ian Sturton)

1164363

## Yanha class

**Date Posted:** 20-Nov-2018

**Publication:** Jane's Fighting Ships

(AGB)

**IN SERVICE:** 1

**ARCHIVED**

### Fleetlist

No
Hai Bing 721
Yanha
<b>Dimensions and weights</b>
<b>Displacement</b>
full load: 3251 tonnes (3199.7 (uk) t) (3583.6 t (short)) (3251000 kg)
<b>Length</b>
overall: 88.4 m (290.0 ft)
<b>Beam</b>
overall: 16.2 m (53.1 ft)
<b>Draught</b>
hull: 5.2 m (17.1 ft)

<b>Performance</b>	
<b>Speed</b>	
top speed:	17.5 kt (32.4 km/h) (20.1 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	90
<b>Machinery:</b>	Diesel-electric; 2 diesel generators; 1 motor; 1 shaft
<b>Firepower</b>	
<b>Guns:</b>	8-37 mm/63 Type 61/74 (4 twin). 4-25 mm/80 Type 61.
<b>Radar:</b>	<b>Navigation:</b> Fin Curve; I-band.

**Comment:** Icebreaker. 721 based in the Northern Fleet. 722 decommissioned 2013.



*YANHA CLASS (G Jacobs)*

0505974



*YANHA CLASS SILHOUETTE (Ian Sturton)*

1164362

# **Yannan (Type 744/Type 744A) class**

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(BUOY TENDERS) (ABU)**

**IN SERVICE:** 4

**VERIFIED**

## **Fleetlist**

No
Dong Biao 265
Nan Biao 463
Bei Biao 982
Bei Biao 983
<b>Yannan</b>

## **Dimensions and weights**

### **Displacement**

standard: 1778 tonnes (1749.9 (uk) t) (1959.9 t (short)) (1778000 kg)

### **Length**

overall: 72.3 m (237.2 ft)

### **Beam**

overall: 11.8 m (38.7 ft)

### **Draught**

hull: 4 m (13.1 ft)

### **Performance**

### **Speed**

top speed: 12 kt (22.2 km/h) (13.8 mph)

### **Capacity**

**Complement**

military

crew: 95

**Machinery:** 2 diesels; 2,640 hp(m) (1.94 MW); 2 shafts**Firepower****Guns:** 4-37 mm (2 twin).**Radars:** **Navigation:** Fin Curve; I-band.**Comment:** Built 1978-79; commissioned 1980. Basing: 982 and 983 in the North Sea Fleet; 263 in the East Sea Fleet; 463 in the South Sea Fleet.*YANNAN CLASS (L-G Nilsson)*

1042153

*YANNAN CLASS SILHOUETTE (Ian Sturton)*

1164364

## Yanqian (Type 904I/II) class

**Date Posted:** 29-Feb-2020**Publication:** Jane's Fighting Ships**(DIVING SUPPORT SHIPS) (YDT)****IN SERVICE:** 2

**Fleetlist**

<b>ship names</b>	<b>Builders</b>	<b>Commissioned</b>		
Kancha I	/ Hudong-Zhonghua Shipyard , Shanghai	Aug 1981		
Kancha II	/ Hudong-Zhonghua Shipyard , Shanghai	May 1983		
<b>Yanqian</b>				
<b>Dimensions and weights</b>				
<b>Displacement</b>				
full load:	1350 tonnes (1328.7 (uk) t) (1488.1 t (short)) (1350000 kg)			
<b>Length</b>				
overall:	71.6 m (234.9 ft)			
<b>Beam</b>				
overall:	10.5 m (34.4 ft)			
<b>Draught</b>				
hull:	3.64 m (11.9 ft)			
<b>Performance</b>				
<b>Speed</b>				
top speed:	13.5 kt (25.0 km/h) (15.5 mph)			
<b>Machinery:</b>	2 diesels; 2,200 hp (1.6 MW); 2 shafts			
<b>Firepower</b>				
<b>Radars:</b>	<b>Navigation:</b> I-band.			

**Comment:** Hull similar to the Youdian class cable repair ships. Built as diving support ships and equipped to support saturation diving to 200/300 m. Reported as Type 904I/II but no obvious similarity with Type 904 supply ships.

## Yanqian class

**Date Posted:** 28-Oct-2005

**Publication:** Jane's Fighting Ships

**(AGOR)**

**IN SERVICE: 2**

**ARCHIVED**

No	
V 231	
V 232	
<b>Displacement, tons:</b>	1,325 full load
<b>Dimensions, feet (metres):</b>	229.3 × 34.4 × 11.8 (69.9 × 10.5 × 3.6)
<b>Main machinery:</b>	2 Type 8300 ZC diesels; 2,200 hp(m) (1.62 MW); 2 shafts
<b>Speed, knots:</b>	13.5
<b>Range, n miles:</b>	2,400 at 13 kt
<b>Complement:</b>	110

**Comment:** Former Kansha class, built at Chunghua SY, Shanghai in 1980-81. Trials July 1981. Designed by Chinese Marine Design and Research Institute. Carries one French SM-358-S DSRV (deep submergence recovery vehicle), 7 m long with a crew of five and an operating depth of 985 ft (300 m). Ship has one 5 ton crane fwd and a 2 ton crane aft. Based in South Sea Fleet.

## Yanrao (Type 272) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(ICEBREAKERS) (AGBH)**

**IN SERVICE: 2**

**UPDATED**

**Fleetlist**

No	Builders	Laid down	Launched	Commissioned
Haibing 722	/ Liaonan Shipyard , Lushun	Nov 2013	Mar 2015	28 Dec 2015

**Yanrao**

**Dimensions and weights**

**Displacement**

full load: 4860 tonnes (4783.2 (uk) t) (5357.2 t (short)) (4860000 kg)

**Length**

overall: 103.1 m (338.3 ft)

**Beam**

overall: 18.4 m (60.4 ft)

**Performance**

**Speed**

top speed: 18 kt (33.3 km/h) (20.7 mph)

**Capacity**

**Complement**

military

crew: 90

**Machinery:** To be announced

**Firepower**

**Radars:** To be announced.

**Helicopters:** Platform for 1 Z-8.

**Comment:** A class of icebreaker designed to operate primarily in the Bohai Sea. The vessels are larger than the preceding Yanha class and design features include a helicopter deck aft, but no hangar. Based in North Sea Fleet.

## **Yen Pai (Yanci) class**

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(ADG)**

**IN SERVICE: 4**

**VERIFIED**

**Fleetlist**

No
Nan Qin 203
Nan Qin 205
Bei Qin 736
Dong Qin 864

**Yen Pai**

**Dimensions and weights**

**Displacement**

standard: 758 tonnes (746.0 (uk) t) (835.6 t (short)) (758000 kg)

**Length**

overall: 65 m (213.3 ft)

**Beam**

overall: 9 m (29.5 ft)

**Draught**

hull: 2.6 m (8.5 ft)

**Performance**

**Speed**

top speed: 16 kt (29.6 km/h) (18.4 mph)

**Range**

standard: 800 n miles (1481.6 km) (920.6 miles) at 15 kt (27.8 km/h) (17.3 mph)

**Capacity**

<b>Complement</b>	
military	
crew:	55
<b>Machinery:</b>	Diesel-electric; 2 12VE230ZC diesels; 2,200 hp(m) (1.62 MW); 2 ZDH-99/57 motors; 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	4-37 mm/63 (2 twin). 4-25 mm/80 (2 twin).
<b>Radars:</b>	<b>Navigation:</b> Type 756; I-band.

**Comment:** Enlarged version of T 43 MSF with larger bridge and funnel amidships. Reels on quarterdeck for degaussing function. Not all the guns are embarked. Basing: 736 in the North Sea Fleet; 864 in the East Sea Fleet; 203 and 205 in the South Sea Fleet.



*YEN PAI CLASS (Chris Sattler)*

1335666

## Yenlai (Type 635) class

**Date Posted:** 16-Feb-2015

**Publication:** Jane's Fighting Ships

(AGS)

**IN SERVICE:** 4

**ARCHIVED**

**Fleetlist**

<b>No</b>
226
227
427
943
<b>Yenlai</b>
<b>Dimensions and weights</b>
<b>Displacement</b>
full load: 1057 tonnes (1040.3 (uk) t) (1165.1 t (short)) (1057000 kg)
<b>Length</b>
overall: 73.7 m (241.8 ft)
<b>Beam</b>
overall: 9.8 m (32.2 ft)
<b>Draught</b>
hull: 3 m (9.8 ft)
<b>Performance</b>
<b>Speed</b>
top speed: 16 kt (29.6 km/h) (18.4 mph)
<b>Range</b>
standard: 4000 n miles (7408.0 km) (4603.1 miles) at 14 kt (25.9 km/h) (16.1 mph)
<b>Capacity</b>
<b>Complement</b>
military
crew: 25

<b>Machinery:</b>	2 PRC/Kolomna Type 9-D-8 diesels; 2,000 hp(m) (1.47 MW) sustained; 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	4 China 37 mm/63 (2 twin). 4-25 mm/80 (2 twin).
<b>Radar:</b>	<b>Navigation:</b> Fin Curve; I-band.

**Comment:** Built at Zhonghua Shipyard, Shanghai in early 1970s. Carries four survey motor boats.



*YENLAI 226 (Hachiro Nakai)*

1153052



*YENLAI CLASS SILHOUETTE (Ian Sturton)*

1164384

## Youidian (Type 991) class

**Date Posted:** 20-Nov-2018

**Publication:** Jane's Fighting Ships

## (CABLE SHIPS) (ARC)

IN SERVICE: 6

*ARCHIVED*

### Fleetlist

No
233
234
764
765
868
882

### Youidian

#### Dimensions and weights

##### Displacement

full load: 1350 tonnes (1328.7 (uk) t) (1488.1 t (short)) (1350000 kg)

##### Length

overall: 71.4 m (234.3 ft)

##### Beam

overall: 10.5 m (34.4 ft)

##### Draught

hull: 3.4 m (11.2 ft)

#### Performance

##### Speed

top speed: 14 kt (25.9 km/h) (16.1 mph)

##### Capacity

##### Complement

military	
crew:	95
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	4-37 mm. 4-12.7 mm MGs.
<b>Radars:</b>	<b>Navigation:</b> Fin Curve; I-band.

**Comment:** Built in 1970s for both military and civil use. Basing: 233 and 234 (South); 764 and 765 (North); 868 and 882 (East). Replaced by Youlan class.

## Youdian class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIP) (WPSO)**

**IN SERVICE:** 1

***UPDATED***

### Fleetlist

ship names	Builders	Commissioned
Haijing 2153 (ex-Haijian 53)	/ Zhonghua Shipyard , Shanghai	1976
<b>Youdian</b>		
<b>Dimensions and weights</b>		
<b>Measurement</b>		
gross tonnage:	949 tonnes (934.0 (uk) t) (1046.1 t (short)) (949000 kg)	
<b>Length</b>		
overall:	71.6 m (234.9 ft)	
<b>Beam</b>		
overall:	10.5 m (34.4 ft)	

<b>Draught</b>	
hull:	3.6 m (11.8 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	14 kt (25.9 km/h) (16.1 mph)
<b>Machinery:</b>	2 Hongwei 8300ZC diesels; 1,496 hp (1.1 MW); 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Steel construction. Converted Type 991II cable layer built in the 1970s. Based in the East China Sea Branch.

## Yuan class (Type 039A/B/C)

**Date Posted:** 08-Nov-2019

**Publication:** Jane's Fighting Ships

(SSG)

IN	SERVICE:	17
<b>PROPOSED/TRANSFER: 3</b>		

*UPDATED*

### Fleetlist

No	Builders	Launched	Commissioned
330	/ Wuchang Shipyard , Wuhan	31 May 2004	2006
331	/ Wuchang Shipyard , Wuhan	31 Aug 2007	2009
332	/ Wuchang Shipyard , Wuhan	Nov 2007	2009
333	/ Wuchang Shipyard , Wuhan	Apr 2008	2010
334	/ Wuchang Shipyard , Wuhan	Oct 2010	2011
335	/ Wuchang Shipyard , Wuhan	Oct 2010	2011

336	/ Wuchang Shipyard , Wuhan	Nov 2010	2012
337	/ Wuchang Shipyard , Wuhan	16 Dec 2010	2011
338	/ Jiangnan Shipyard , Changxingdao	7 Jun 2011	2012
339	/ Wuchang Shipyard , Wuhan	29 Jul 2011	2012
340	/ Wuchang Shipyard , Wuhan	28 Aug 2011	2012
341	/ Jiangnan Shipyard , Changxingdao	26 Nov 2011	2013
342	/ Wuchang Shipyard , Wuhan	Dec 2013	2015
343	/ Wuchang Shipyard , Wuhan	2016	2017
344	/ Wuchang Shipyard , Wuhan	2016	2017
345	/ Wuchang Shipyard , Wuhan	Dec 2016	2018
346	/ Jiangnan Shipyard , Changxingdao	2017	2018

### **Yuan**

#### **Dimensions and weights**

##### **Displacement**

surfaced: 2725 tonnes (2682.0 (uk) t) (3003.8 t (short)) (2725000 kg)

dived: 3600 tonnes (3543.1 (uk) t) (3968.3 t (short)) (3600000 kg)

##### **Length**

overall: 77.2 m (253.3 ft)

##### **Beam**

overall: 8.4 m (27.6 ft)

##### **Draught**

hull: 6.7 m (22.0 ft)

**Machinery:** Diesel-electric; 4 diesels; 1 motor; 2 Stirling AIP (to be confirmed); 1 shaft

##### **Firepower**

<b>Missiles:</b>	<b>SSM:</b> YJ-82; inertial guidance and active radar terminal homing to 33.3 km (18 n miles) at Mach 0.9; warhead 165 kg; sea-skimmer. A sub-launched version of YJ-18 may be carried.
<b>Torpedoes:</b>	6-533 mm bow tubes. Combination of Yu-4B; wire-guided and active/passive homing to 15 km (8.1 n miles) at 40 kt; electric; warhead 309 kg and Yu-3 (SET-65E); passive homing to 13 km (7 n miles) at 35 kt; electric; warhead 205 kg; depth to 350 m.
<b>Physical countermeasures:</b>	To be announced.
<b>Radar:</b>	To be announced.
<b>Sonars:</b>	Bow-mounted; active/passive search and attack; medium; medium frequency. Flank array; passive search; low frequency. Towed array.
<b>Weapon control systems:</b>	To be announced.

**Programmes:** The first of class was launched in May 2004 and underwent extensive trials before the second was launched in 2007. An increased building tempo in 2010 suggested a requirement for new boats to replace older classes. Wuchang appears to be the lead shipyard but some boats have been constructed at Jiangnan Shipyard, Changxingdao, near Shanghai. Later boats are fitted with a flank array. A total of 20 reported to be built by 2020.

**Structure:** The boat appears to be a Chinese indigenous design. Shorter and broader than the Song class, it exhibits some of the features of the Russian Kilo class design including a teardrop-shaped hull with a distinctive 'hump' and large fin. The teardrop shape suggests a pressurised double hull construction. The stern of the boat resembles the Song class; the single shaft has a seven-bladed propeller. The submarine is covered with anechoic tiles. The submarine is believed to incorporate air-independent propulsion using Stirling engine technology. Type 039B commissioned from about 2011 feature flank array sonar and modifications to the sail to improve acoustic performance. Type 039C launched from late 2013 features further hydrodynamic improvements, including a raked sail.

**Operational:** Basing: 330-339 in East Sea Fleet; 340-341 in North Sea Fleet. 342-346 in South Sea Fleet.



*YUAN CLASS (Ships of the World)*

1406475



*YUAN CLASS (Ships of the World)*

1748544



*YUAN CLASS (Ships of the World)*

1127027



*YUAN CLASS SILHOUETTE (Ian Sturton)*

1164403

## **Yuanwang I class**

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(SPACE EVENT SHIP) (AGMH)**

**IN SERVICE:** 1

**UPDATED**

### **Fleetlist**

<b>ship names</b>	<b>Builders</b>	<b>Launched</b>	<b>Commissioned</b>
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Yuanwang 3	/ Jiangnan Shipyard , Shanghai	26 Apr 1994	18 May 1995
<b>Yuanwang I</b>			
<b>Dimensions and weights</b>			
<b>Displacement</b>			
full load:	17059 tonnes (16789.6 (uk) t) (18804.3 t (short)) (17059000 kg)		
<b>Length</b>			
overall:	180 m (590.6 ft)		
<b>Beam</b>			
overall:	22.2 m (72.8 ft)		
<b>Draught</b>			
hull:	8.0 m (26.2 ft)		
<b>Performance</b>			
<b>Speed</b>			
top speed:	19 kt (35.2 km/h) (21.9 mph)		
<b>Range</b>			
standard:	18000 n miles (33336.0 km) (20714.0 miles) at 12 kt (22.2 km/h) (13.8 mph)		
<b>Capacity</b>			
<b>Complement</b>			
military			
crew:	470		
<b>Machinery:</b> 2 Mitsubishi 8L42MC diesels; 18,554 hp (13.65 MW); 2 shafts			
<b>Firepower</b>			
<b>Helicopters:</b>	Platform for 1 medium.		

**Comment:** A second-generation space tracking ship commissioned in April 1995 and given a major upgrade in 2006. Equipped with E/F-band tracking radar for monitoring launches of satellites and also Shenzhou manned spacecraft. Positioned to provide tracking coverage unobtainable from Chinese land-based tracking stations, typically mid-Atlantic or mid-Pacific. Based at Jiangyin on Yangtze River.



*YUANWANG 3 (pre-refit) SILHOUETTE (Ian Sturton)*

1164391

## **Yuanwang II class**

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(SPACE EVENT SHIPS) (AGMH)**

**IN SERVICE: 3**

**UPDATED**

### **Fleetlist**

<b>ship names</b>	<b>Builders</b>	<b>Launched</b>	<b>Commissioned</b>
Yuanwang 5	/ Jiangnan Shipyard , Shanghai	15 Sep 2006	29 Sep 2007
Yuanwang 6	/ Jiangnan Shipyard , Shanghai	16 Mar 2007	12 Apr 2008
Yuanwang 7	/ Jiangnan Shipyard , Changxingdao	15 Oct 2015	12 Jul 2016
<b>Yuanwang II</b>			

### **Dimensions and weights**

### **Measurement**

gross tonnage: 22686 tonnes (22327.7 (uk) t) (25007.0 t (short)) (22686000 kg)

### **Length**

overall: 222.2 m (729.0 ft)

<b>Beam</b>	
overall:	25.2 m (82.7 ft)
<b>Draught</b>	
hull:	8.2 m (26.9 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	20 kt (37.0 km/h) (23.0 mph)
<b>Range</b>	
standard:	20000 n miles (37040.1 km) (23015.6 miles) at 12 kt (22.2 km/h) (13.8 mph)
<b>Machinery:</b>	2 Wärtsilä 8L 46C diesels; 31,078 hp (22.86 MW); 2 shafts
<b>Firepower</b>	
<b>Helicopters:</b>	1 medium.

**Comment:** China's third-generation of space tracking ships. *Yuanwang 6* reportedly differs from *Yuanwang 5* in that it includes a large mission control hall occupying two decks. The ships are equipped with E/F-band and G-band monopulse tracking radars. They are also fitted with a range of meteorological instruments including weather radar, radiosonde, and weather balloons. Some differences in superstructure and antennas layout between ships. Based at Jiangyin on Yangtze River.



*YUANWANG 6 (Ships of the World)*

1305687

## Yubei (Type 074A) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(LCU)**

**IN SERVICE: 11**

**UPDATED**

**Fleetlist**

No	Builders	Launched	Commissioned
3128	/ Qingdao Naval Dockyard	Sep 2003	2004
3315	/ Zhanjiang Shipyard North	2003	2004
3232	/ Shanghai Shipyard International	Sep 2003	2004
3129	/ Qingdao Naval Dockyard	Dec 2003	2004
3316	/ Dinghai Naval Dockyard	Sep 2003	2004
3317	/ Dinghai Naval Dockyard	Nov 2003	2004
3318	/ Dinghai Naval Dockyard	Jan 2004	2004
3319	/	2004	2005
3233	/ Qingdao Naval Dockyard	2004	2004
3234	/	2004	2005
3235	/	2004	2005

**Yubei**

**Dimensions and weights**

**Displacement**

standard: 914 tonnes (899.6 (uk) t) (1007.5 t (short)) (914000 kg)

full load: 1219 tonnes (1199.7 (uk) t) (1343.7 t (short)) (1219000 kg)

**Length**

overall: 65.0 m (213.3 ft)

**Beam**

overall: 11.0 m (36.1 ft)

<b>Draught</b>	
hull:	2.7 m (8.9 ft)
<b>Capacity</b>	
<b>Military lift:</b>	3 Type 96 MBT or 6 IFV or 150 troops
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	4-14.5 mm (2 twin).
<b>Radars:</b>	<b>Navigation:</b> I-band.

**Comment:** Built at Qingdao, Zhanjiang, Shanghai and Dinghai. Catamaran hull with superstructure on the starboard side. Onload/offload via bow ramp. Basing: 3128 and 3129 in the North Sea Fleet; 3232-35 in the South Sea Fleet; 3315-3318 in the East Sea Fleet.

## Yuch'in (Type 068/069) class

**Date Posted:** 31-Jan-2018

**Publication:** Jane's Fighting Ships

**(LCM)**

**IN SERVICE:** 2

**ARCHIVED**

### Fleetlist

No
3108
3116
<b>Yuch'in</b>

<b>Dimensions and weights</b>	
<b>Displacement</b>	
standard:	59 tonnes (58.1 (uk) t) (65.0 t (short)) (59000 kg)

full load:	86 tonnes (84.6 (uk) t) (94.8 t (short)) (86000 kg)
<b>Length</b>	
overall:	24.8 m (81.4 ft)
<b>Beam</b>	
overall:	5.2 m (17.1 ft)
<b>Draught</b>	
hull:	1.3 m (4.3 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	11.5 kt (21.3 km/h) (13.2 mph)
<b>Range</b>	
standard:	450 n miles (833.4 km) (517.9 miles) at 11.5 kt (21.3 km/h) (13.2 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	12
<b>Military lift:</b>	Up to 150 troops
<b>Machinery:</b>	2 Type 12V 150C diesels; 600 hp(m) (441 kW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	4-14.5 mm (2 twin) MGs.

**Comment:** Built in Shanghai 1962-72. Smaller version of Yunnan class with a shorter tank deck and longer poop deck. Primarily intended for personnel transport. Based in South Sea Fleet. Six sold to Bangladesh and two to Tanzania in 1995.



*YUCH'IN CLASS (Chris Sattler)*

1335679

## **Yudao (Modified Type 073II) class**

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(SUPPLY SHIP) (AK/AXT)**

**IN SERVICE:** 1

**UPDATED**

### Fleetlist

No
937 (ex-Dong Yun 757)
Yudao
Dimensions and weights
Displacement
full load: 3383 tonnes (3329.6 (uk) t) (3729.1 t (short)) (3383000 kg)
Length
overall: 79 m (259.2 ft)
Beam

overall:	10.5 m (34.4 ft)
<b>Draught</b>	
hull:	3.0 m (9.8 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	16 kt (29.6 km/h) (18.4 mph)
<b>Range</b>	
standard:	3000 n miles (5556.0 km) (3452.3 miles) at 16 kt (29.6 km/h) (18.4 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	106
<b>Cranes</b>	
number:	2
<b>Machinery:</b>	
2 diesels; 5,398 hp (3.97 MW) ; 2 shafts	
<b>Firepower</b>	
<b>Guns:</b>	2 Type 61/74 37 mm (1 twin).
<b>Radars:</b>	<b>Navigation:</b> Type 756; I-band.

**Comment:** Built in late 1970s as a Type 073II landing ship and converted to transport role in 1985. Two other ships have been decommissioned. Fitted with cargo-handling cranes fore and aft. Based in East Sea Fleet.



*YUDAO CLASS SILHOUETTE (Ian Sturton)*

1164372

# **Yudao class (Type 073)**

**Date Posted:** 13-Feb-2013

**Publication:** Jane's Fighting Ships

**(LSM)**

**IN SERVICE:** 1

*ARCHIVED*

## **Fleetlist**

No
965
<b>Yudao</b>
<b>Dimensions and weights</b>
<b>Displacement</b>
full load: 1676 tonnes (1649.5 (uk) t) (1847.5 t (short)) (1676000 kg)
<b>Length</b>
overall: 77.4 m (253.9 ft)
<b>Beam</b>
overall: 10.4 m (34.1 ft)
<b>Draught</b>
hull: 3 m (9.8 ft)
<b>Performance</b>
<b>Speed</b>
top speed: 18 kt (33.3 km/h) (20.7 mph)
<b>Range</b>
standard: 1000 n miles (1852.0 km) (1150.8 miles) at 16 kt (29.6 km/h) (18.4 mph)

<b>Capacity</b>
<b>Complement</b>
military
crew: 60
<b>Firepower</b>
<b>Guns:</b> 4-25 mm/60 (2 twin); 270 rds/min to 3 km (1.6 n miles).
<b>Radar:</b> Navigation: Fin Curve; I-band.

**Comment:** First entered service in early 1980s. 965 is the only one left and is in the East Fleet.



*YUDAO 965*

0056781



*YUDAO CLASS SILHOUETTE (Ian Sturton)*

1153102

# **Yudeng (Type 073III) class**

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(LSM)**

**IN SERVICE:** 1

**UPDATED**

## **Fleetlist**

<b>ship names</b>	<b>No</b>	<b>Builders</b>	<b>Launched</b>	<b>Commissioned</b>				
Jincheng Shan	990	/ Zhonghua Shipyard	May 1991	1993				
<b>Yudeng</b>								
<b>Dimensions and weights</b>								
<b>Displacement</b>								
full load:	1880 tonnes (1850.3 (uk) t) (2072.3 t (short)) (1880000 kg)							
<b>Length</b>								
overall:	87 m (285.4 ft)							
<b>Beam</b>								
overall:	13 m (42.7 ft)							
<b>Draught</b>								
hull:	3.8 m (12.5 ft)							
<b>Performance</b>								
<b>Speed</b>								
top speed:	17 kt (31.5 km/h) (19.6 mph)							
<b>Capacity</b>								
<b>Complement</b>								
military								
crew:	74							

<b>Military lift:</b>	5 tanks or 10 IFVs or 500 troops
<b>Machinery:</b>	2 6PA6L-280 diesels; 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	2-37 mm (twin).
<b>Radar:</b>	<b>Navigation:</b> China 2 Type 753; I-band.

**Comment:** The only one of the class. Based in the South Sea Fleet. Production may have been for export or the design was overtaken by the smaller Wuhu-A class.



*YUDENG CLASS SILHOUETTE (Ian Sturton)*

1153083

## Yuhai (Type 074/074B) (Wuhu-A) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(LSM)**

**IN SERVICE: 11**

**UPDATED**

### Fleetlist

No	Builders	Commissioned
3111	/ Wuhu Shipyard	1995
3112	/ Wuhu Shipyard	1995
3113	/	
3115	/	
3116	/	
3117	/	

3229	/			
3244	/			
3357	/ Xijiang Shipyard	10 Feb 2017		
3358	/ Xijiang Shipyard	Apr 2018		
3359	/ Xijiang Shipyard	Apr 2018		
<b>Yuhai</b>				
<b>Dimensions and weights</b>				
<b>Displacement</b>				
full load:	812 tonnes (799.2 (uk) t) (895.1 t (short)) (812000 kg)			
<b>Length</b>				
overall:	58.4 m (191.6 ft)			
<b>Beam</b>				
overall:	10.4 m (34.1 ft)			
<b>Draught</b>				
hull:	2.3 m (7.5 ft)			
<b>Performance</b>				
<b>Speed</b>				
top speed:	14 kt (25.9 km/h) (16.1 mph)			
<b>Capacity</b>				
<b>Complement</b>				
military				
crew:	56			
<b>Military lift:</b>	2 tanks or 4 armoured vehicles or 350 troops or 150 tonnes			
<b>Machinery:</b>	2 MAN B&W 8L 20/27 diesels; 4,900 hp(m) (3.6 MW); 2 shafts			
<b>Firepower</b>				

<b>Guns:</b>	2-25 mm/80 (1 twin). 4-14.5 mm (2 twin) or 1 H/PJ-14 30 mm and 2-12.7 mm MG (on 3357-3359).
<b>Radar:</b>	<b>Navigation:</b> I-band.

**Comment:** First one completed in Wuhu Shipyard in 1995. Total of 13 completed. One sold to Sri Lanka in December 1995. Three further ships were built to a modified design and entered service in 2017-18. Basing: 3111-3113, 3115-3117 in the North Sea Fleet; 3229 and 3244 in the East Sea Fleet and 3357-3359 in Hong Kong. 7593, 7594, and 7595 in the South Sea Fleet were decommissioned in May 2019.



*YUHAI 3115 (PLA)*

1292162



*YUHAI CLASS SILHOUETTE (Ian Sturton)*

1153103

## Yukan (Type 072)

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

(LST)

**IN SERVICE:** 3

**UPDATED**

**Fleetlist**

<b>ship names</b>	<b>No</b>
Wufeng Shan	928
Zijin Shan	929
Yuntai Shan	927
<b>Yukan</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
standard:	3110 tonnes (3060.9 (uk) t) (3428.2 t (short)) (3110000 kg)
full load:	4170 tonnes (4104.1 (uk) t) (4596.6 t (short)) (4170000 kg)
<b>Length</b>	
overall:	120.0 m (393.7 ft)
<b>Beam</b>	
overall:	15.3 m (50.2 ft)
<b>Draught</b>	
hull:	2.9 m (9.5 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	18 kt (33.3 km/h) (20.7 mph)
<b>Range</b>	
standard:	3000 n miles (5556.0 km) (3452.3 miles) at 14 kt (25.9 km/h) (16.1 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	109

<b>Machinery:</b>	2 Type 12E 390 diesels; 14,400 hp (10.6 MW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	2-57 mm (1 twin). 4-37 mm. 4-25 mm.
<b>Radar:</b>	<b>Surface search/navigation:</b> To be announced. <b>Fire control:</b> To be announced.

**Comment:** First completed in 1978 at Wuhan. Building appeared to terminate in 1995 after about seven hulls. Bow and stern ramps fitted. Carry two LCVPs. Bow ramp maximum load 50 tonnes, stern ramp 20 tonnes. Three were transferred to the coast guard in 2015, two of which were returned to the navy about 2017 featuring some modifications. Changes included a helicopter deck and addition of a crane. Others of the class have been deleted and numbers are approximate.

## Yukan (Type 072II) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

(LST)

**IN SERVICE:** 4

**UPDATED**

### Fleetlist

ship names	No	Commissioned
Lingyan Shan	930	1993
Dongting Shan	931	1994
Helan Shan	932	1994
Helan Shan	933	1995
<b>Yukan</b>		

### **Dimensions and weights**

### **Displacement**

standard: 3160 tonnes (3110.1 (uk) t) (3483.3 t (short)) (3160000 kg)

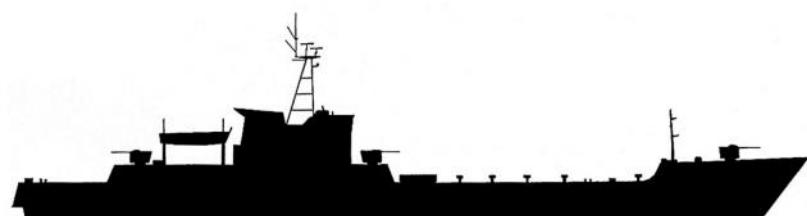
full load:	4237 tonnes (4170.1 (uk) t) (4670.5 t (short)) (4237000 kg)
<b>Length</b>	
overall:	120 m (393.7 ft)
<b>Beam</b>	
overall:	15.3 m (50.2 ft)
<b>Draught</b>	
hull:	2.9 m (9.5 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	18 kt (33.3 km/h) (20.7 mph)
<b>Range</b>	
standard:	3000 n miles (5556.0 km) (3452.3 miles) at 14 kt (25.9 km/h) (16.1 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	109
<b>Military lift:</b>	200 troops; 10 tanks; 2 LCVP; total of 500 tonnes
<b>Machinery:</b>	2 Type 12E390V diesels; 14,400 hp(m) (10.6 MW) sustained; 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	2 Type 66 57 mm (twin); 210 rds/min to 12 km (6.5 n miles). 3 Type 61 twin 37 mm (2 midships, 1 aft).
<b>Radars:</b>	<b>Navigation:</b> 2 Type 753; I-band.

**Comment:** Modification of Type 072 (Yukan), primarily in number/type of guns installed. Bow and stern ramps fitted. Bow ramp maximum load 50 tonnes, stern ramp 20 tonnes. Carry two LCVPs. All based in the East Sea Fleet.



*LIUPAN SHAN (Kürsener Collection)*

1292174



*YUKAN CLASS SILHOUETTE (Ian Sturton)*

1153081

## **Yuliang (Type 079) class**

**Date Posted:** 31-Jan-2018

**Publication:** Jane's Fighting Ships

**(LSM)**

**IN SERVICE: 4**

**ARCHIVED**

### **Fleetlist**

No
965
975
980
986
<b>Yuliang</b>
<b>Dimensions and weights</b>

<b>Displacement</b>	
full load:	1118 tonnes (1100.3 (uk) t) (1232.4 t (short)) (1118000 kg)
<b>Length</b>	
overall:	63 m (206.7 ft)
<b>Beam</b>	
overall:	10 m (32.8 ft)
<b>Draught</b>	
hull:	2.4 m (7.9 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	14 kt (25.9 km/h) (16.1 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	60
<b>Military lift:</b>	3 tanks
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	4-25 mm/60 (2 twin); 270 rds/min to 3 km (1.6 n miles).
<b>Rockets:</b>	2 BM 21 MRL rocket launchers; range about 9 km (5 n miles).
<b>Radars:</b>	<b>Navigation:</b> Fin Curve; I-band.

**Comment:** Production started in 1980 in three or four smaller shipyards but later stopped in favour of Yuhai class. The last remaining four are based in the South Sea Fleet. 975 is reported to be a museum ship.



*YULIANG CLASS SILHOUETTE (Ian Sturton)*

1153080



*YULIANG 986*

1335702

## **Yulin class**

**Date Posted:** 10-Jul-2015

**Publication:** Jane's Fighting Ships

**(TANKERS) (AOL)**

**IN SERVICE:** 4

**ARCHIVED**

### **Fleetlist**

No
648
649
964
965
<b>Yulin</b>
<b>Dimensions and weights</b>
<b>Length</b>

overall:	71.3 m (233.9 ft)
<b>Beam</b>	
overall:	10.4 m (34.1 ft)
<b>Draught</b>	
hull:	3.4 m (11.2 ft)
<b>Machinery:</b>	To be announced

**Comment:** Basing: 964-965 in the South Sea Fleet; 648-649 in the East Sea Fleet.



*YULIN 649 (A Sheldon-Duplaix)*

1483021

## Yunnan class (Type 067)

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

(LCU)

**IN SERVICE:** 55

**UPDATED**

### Fleetlist

No
3102
3103

3104
3105
3106
3107
3108
3109
3110
3111
3112
3113
3114
3115
3116
3117
3118
3119
3120
3121
3216
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3230

3231
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3233
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3236
3237
3238
3241
3301
3302
3303
3304
3305
3306
3307
3308
3309
3310
3311
3312
3313
3314
3315
3316

3317	
3318	
3319	
<b>Yunnan</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
standard:	86 tonnes (84.6 (uk) t) (94.8 t (short)) (86000 kg)
full load:	137 tonnes (134.8 (uk) t) (151.0 t (short)) (137000 kg)
<b>Length</b>	
overall:	28.6 m (93.8 ft)
<b>Beam</b>	
overall:	5.4 m (17.7 ft)
<b>Draught</b>	
hull:	1.5 m (4.9 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	12 kt (22.2 km/h) (13.8 mph)
<b>Range</b>	
standard:	500 n miles (926.0 km) (575.4 miles) at 10 kt (18.5 km/h) (11.5 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	12
<b>Military lift:</b>	1 tank or 2 armoured vehicles or 46 tonnes

<b>Machinery:</b>	2-12V150 diesels; 600 hp(m) (441 kW); 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<b>Navigation:</b> Fuji; I-band.

**Comment:** Built in China 1968-72 although a continuing programme was reported in 1982. One to Sri Lanka in 1991 and a second in 1995. Two units noted in Tanzania and one in Cambodia. Estimation of numbers is difficult but most are believed to be in reserve or in non-naval service. Some may have 12.7 mm MGs.

## Yunshu (Type 073A) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(LSM)**

**IN SERVICE: 10**

**UPDATED**

### Fleetlist

<b>ship names</b>	<b>No</b>	<b>Builders</b>	<b>Launched</b>	<b>Commissioned</b>
Song Shan	946	/ Hudong Zhonghua Shipyard , Shanghai	Jun 2003	2004
Lú Shan	947	/ Qingdao Naval Dockyard	1 Aug 2003	2004
Xue Shan	948	/ Lushun Shipyard	Sep 2003	2004
Yu Shan	944	/ Lushun Shipyard	20 Mar 2004	2004
Hua Shan	945	/ Wuhu Shipyard	1 Jul 2003	2004
Sheng Shan	941	/ Hudong Zhonghua Shipyard , Shanghai	Dec 2003	2004
Heng Shan	949	/ Lushun Shipyard	Feb 2004	2004
Lǔ Shan	942	/ Wuhu Shipyard	2004	2004
Meng Shan	943	/ Qingdao Naval Dockyard	2004	2004

Tai Shan	950	/ Hudong Zhonghua Shipyard , Shanghai	Mar 2004	2004
<b>Yunshu</b>				
<b>Dimensions and weights</b>				
<b>Displacement</b>				
standard: 1483 tonnes (1459.6 (uk) t) (1634.7 t (short)) (1483000 kg)				
full load: 1880 tonnes (1850.3 (uk) t) (2072.3 t (short)) (1880000 kg)				
<b>Length</b>				
overall: 87.0 m (285.4 ft)				
<b>Beam</b>				
overall: 12.6 m (41.3 ft)				
<b>Draught</b>				
hull: 2.25 m (7.4 ft)				
<b>Performance</b>				
<b>Speed</b>				
top speed: 17 kt (31.5 km/h) (19.6 mph)				
<b>Range</b>				
standard: 1500 n miles (2778.0 km) (1726.2 miles) at 14 kt (25.9 km/h) (16.1 mph)				
<b>Capacity</b>				
<b>Complement</b>				
military				
crew: 70				
<b>Military lift:</b> 6 tanks or 9 IFVs or 12 trucks or 250 tonnes dry stores				
<b>Machinery:</b> 2 Shaanxi SEMT-Pielstick 6PA6L-280 diesels; 2 shafts				
<b>Firepower</b>				

<b>Guns:</b>	1 H/PJ-76F 37 mm/63 (twin); 400 rds/min to 9.4 km (5.1 n miles); weight of shell 0.73 kg.
<b>Radar:</b>	<b>Navigation:</b> 2 Type 753/756; I-band.

**Comment:** A new class of LSM, based on the Yudeng class, built at Zhonghua, Wuhu, Qingdao and Lushun. Bow and stern ramps for loading/offloading. 941-944 based in the East Sea Fleet and 945-950 in the South Sea Fleet.

## Yuting I (Type 072III) class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

(LSTH)

**IN SERVICE: 10**

**UPDATED**

### Fleetlist

ship names	No	Builders	Launched	Commissioned
Emei Shan	991	/ Zhonghua Shipyard , Shanghai	Sep 1991	Sep 1992
Danxia Shan	934	/ Zhonghua Shipyard , Shanghai	Apr 1995	Sep 1995
Xuefeng Shan	935	/ Zhonghua Shipyard , Shanghai	Jul 1995	Dec 1995
Haiyang Shan	936	/ Zhonghua Shipyard , Shanghai	Dec 1995	May 1996
Qingcheng Shan	937	/ Zhonghua Shipyard , Shanghai	Apr 1996	Aug 1996
Yandan Shang	908 (ex-938)	/ Zhonghua Shipyard , Shanghai	Aug 1996	Jan 1997
Jiuhua Shan	909 (ex-939)	/ Zhonghua Shipyard , Shanghai	Nov 1999	Apr 2000
Huanggang Shan	910	/ Zhonghua Shipyard , Shanghai	May 2000	Dec 2001

Putuo Shan	939	/ Zhonghua Shipyard , Shanghai	Apr 2001	Aug 2001				
Tiantai Shan	940	/ Zhonghua Shipyard , Shanghai	Dec 2001	Apr 2002				
<b>Yuting I</b>								
<b>Dimensions and weights</b>								
<b>Displacement</b>								
standard:	3830 tonnes (3769.5 (uk) t) (4221.9 t (short)) (3830000 kg)							
full load:	4877 tonnes (4800.0 (uk) t) (5376.0 t (short)) (4877000 kg)							
<b>Length</b>								
overall:	120 m (393.7 ft)							
<b>Beam</b>								
overall:	16 m (52.5 ft)							
<b>Draught</b>								
hull:	3.2 m (10.5 ft)							
<b>Performance</b>								
<b>Speed</b>								
top speed:	17 kt (31.5 km/h) (19.6 mph)							
<b>Range</b>								
standard:	3000 n miles (5556.0 km) (3452.3 miles) at 14 kt (25.9 km/h) (16.1 mph)							
<b>Capacity</b>								
<b>Complement</b>								
military								
crew:	120							
<b>Military lift:</b>	250 troops; 10 tanks; 4 LCVP							

<b>Machinery:</b>	2 SEMT Pielstick 12PA6V-280MPC diesels; 19,200 hp (14.31 MW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	6 Type 61/74 37 mm (3 twin); 160 rds/min to 8.5 km (4.6 n miles) (991, 934-937); or 6 H/PJ-76F 37 mm/63 (3 twin); 400 rds/min to 9.4 km (5.1 n miles); weight of shell 0.73 kg (908-910, 939-940).
<b>Radars:</b>	<b>Navigation:</b> 2 Type 753; I-band.
<b>Helicopters:</b>	Flight deck but no hangar.

**Comment:** Significant enhancement of Type 072II (Yukan) by the addition of a flight deck to support helicopter lift. 934-937 and 991 based in South Sea Fleet. 908-910 and 939-940 based in East Sea Fleet. *Haiyang Shan* emerged on the Yangtse River in February 2018, with a new weapon - reported to be a rail gun - in place of Type 61 forward gun mounts.



*HUANGGANG SHAN (A Sheldon-Duplaix)*

1335683



*YUTING I CLASS SILHOUETTE (Ian Sturton)*

1153082

## Yuting II (Type 072A) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

**(LSTH)**

**IN SERVICE: 15**

**UPDATED**

## Fleetlist

<b>ship names</b>	<b>No</b>	<b>Builders</b>	<b>Launched</b>	<b>Commissioned</b>
Baxian Shan	913	/ Zhonghua Shipyard , Shanghai	23 Apr 2003	Oct 2003
Tianzhu Shan	911	/ Dalian Shipyard	1 Jul 2003	2003
Huading Shan	992	/ Wuchang Shipyard , Wuhan	Jun 2003	2003
Luoxiao Shan	993	/ Zhonghua Shipyard , Shanghai	18 Jul 2003	Jan 2004
Daqing Shan	912	/ Dalian Shipyard	Sep 2003	2004
Daiyun Shan	994	/ Wuchang Shipyard , Wuhan	16 Dec 2003	2004
Wanyan Shan	995	/ Zhonghua Shipyard , Shanghai	26 Nov 2003	2004
Laotie Shan	996	/ Dalian Shipyard	1 Jan 2004	2005
Yunwu Shan	997	/ Wuchang Shipyard , Wuhan	2004	2004
Dabie Shan	981	/ Wuchang Shipyard , Wuhan	2014	23 May 2015
Taihang Shan	982	/ Wuchang Shipyard , Wuhan	2014	21 Oct 2015
Wuyi Shan	914	/ Baima Shipyard , Fujian	6 Feb 2015	7 Mar 2016
Culai Shan	915	/ Baima Shipyard , Fujian	Jun 2015	7 Mar 2016
Tianmu Shan	916	/ Wuchang Shipyard , Wuhan	28 Jul 2015	12 Jan 2016
Wutai Shan	917	/ Wuchang Shipyard , Wuhan	2015	7 Mar 2016

## **Yuting II**

<b>Dimensions and weights</b>	
<b>Displacement</b>	
standard:	3830 tonnes (3769.5 (uk) t) (4221.9 t (short)) (3830000 kg)
full load:	4877 tonnes (4800.0 (uk) t) (5376.0 t (short)) (4877000 kg)
<b>Length</b>	
overall:	120 m (393.7 ft)
<b>Beam</b>	

overall:	16.4 m (53.8 ft)
<b>Draught</b>	
hull:	3.2 m (10.5 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	17 kt (31.5 km/h) (19.6 mph)
<b>Range</b>	
standard:	3000 n miles (5556.0 km) (3452.3 miles) at 14 kt (25.9 km/h) (16.1 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	120
<b>Military lift:</b>	250 troops; 10 tanks; 4 LCVP
<b>Machinery:</b>	2 Shaanxi SEMT-Pielstick 12PA6V-280MPC diesels; 19,200 hp (14.31 MW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	Batch 1 (to 2005): 1 H/PJ-76F 37 mm/63 (twin) (enclosed turret); 400 rds/min to 9.4 km (5.1 n miles); weight of shell 0.73 kg. Batch 2 (2015 on): 1 H/PJ-17 30 mm; 350 rds/min to 3 km (1.6 n miles).
<b>Radars:</b>	<b>Navigation:</b> 2 China Type 753; I-band.
<b>Helicopters:</b>	Platform only for 2 medium.

**Comment:** Improved version of the Type 072III (Yuting I) class with similar dimensions. Design differences include modifications to the stern, including the ramp and a taller funnel. A tunnel in the centre of the superstructure connects the main and after decks, facilitating onload/offload. First batch of nine built 2002-05; second batch 2014-16. 992-997 based in the South Sea Fleet; 911 and 912 in the North and 913-917, 981-982 in the East.



BAXIAN SHAN (*Kürsener Collection*)

1292173



TAIHANG SHAN (*Kürsener Collection*)

1292172

## Yuyi (Type 726/726A) class

**Date Posted:** 10-Sep-2019

**Publication:** Jane's Fighting Ships

**(LANDING CRAFT-AIR CUSHION) (LCAC)**

**IN**

**SERVICE:**

**12**

**PROPOSED/TRANSFER: 8**

**UPDATED**

### Fleetlist

No	Builders	Commissioned
----	----------	--------------

3320	/ Qiuxin Shipyard	
3321	/ Jiangnan Shipyard , Changxingdao	
3322	/ Jiangnan Shipyard , Changxingdao	
3330	/ Jiangnan Shipyard , Changxingdao	
3331	/ Jiangnan Shipyard , Changxingdao	
3332	/ Jiangnan Shipyard , Changxingdao	
3333	/ Jiangnan Shipyard , Changxingdao	
3334	/ Jiangnan Shipyard , Changxingdao	
3236	/ Jiangnan Shipyard , Changxingdao	10 Jan 2018
3237	/ Jiangnan Shipyard , Changxingdao	10 Jan 2018
3238	/ Jiangnan Shipyard , Changxingdao	10 Jan 2018
3239	/ Jiangnan Shipyard , Changxingdao	10 Jan 2018

### **Yuyi**

#### **Dimensions and weights**

#### **Displacement**

full load: 170 tonnes (167.3 (uk) t) (187.4 t (short)) (170000 kg)

#### **Length**

on cushion: 33.0 m (108.3 ft)

#### **Beam**

on cushion: 16.8 m (55.1 ft)

#### **Performance**

#### **Speed**

top speed: 40 kt (74.1 km/h) (46.0 mph)

#### **Range**

standard: 200 n miles (370.4 km) (230.2 miles) at 40 kt (74.1 km/h) (46.0 mph)

Capacity	
Military lift:	Armoured fighting vehicle plus troops or 60 tonnes approx
Machinery:	Type 726: 2 Zorya-Mashproekt UGT6000 gas turbines. Type 726A: 2 QC-70 gas turbines for propulsion and lift; 18,775 hp (14 MW); 2 shrouded reversible-pitch airscrews (propulsion)
Firepower	
Radars:	To be announced.

**Comment:** A class of air cushion landing craft (LCAC) design, intended for operation from the Yuzhao (Type 071) class LPD. The craft appears to be similar to but larger than the US Navy LCAC. The vehicle is capable of transporting two ZBD-05 amphibious assault vehicles (AAVs) and troops. In contrast to the US Navy LCAC, the driving/command module is located on the port side instead of the starboard side. The main cargo deck is about 5 m wide and there are bow and stern ramps. Propulsion is provided by two 4 m shrouded reversible-pitch propellers. The first vessel was built at Qiuxin Shipyard and launched in January 2008, with two further craft observed at Jiangnan Changxingdao Shipyard in 2013. This first batch is reported to be powered by Ukrainian UGT6000 gas turbines. In 2015 a modified second batch was built, powered by QC-70 gas turbines, and denoted as Type 726A. In November 2017, satellite imagery of Jiangnan Changxingdao Shipyard showed five more Type 726As nearing completion. With six Type 071 LPDs in service, each capable of carrying 4 ACVs, and two more under construction, there may be a requirement for more than 20 Type 726 ACVs.



*YUYI 3331 (PLAN)*

1707223

## Yuzhao (Type 071) class

**Date Posted:** 29-Feb-2020

**Publication:** Jane's Fighting Ships

# (ASSAULT SHIP) (LPD)

IN  
BUILDING: 2

SERVICE:

6

**UPDATED**

## Fleetlist

ship names	No	Builders	Laid down	Launched	Commissioned
Kunlun Shan	998	/ Hudong-Zhonghua Shipyard , Shanghai	Jun 2006	21 Dec 2006	13 Nov 2007
Jinggang Shan	999	/ Hudong-Zhonghua Shipyard , Shanghai	2009	16 Nov 2010	30 Oct 2011
Changbai Shan	989	/ Hudong-Zhonghua Shipyard , Shanghai	2010	26 Sep 2011	23 Sep 2012
Yimeng Shan	988	/ Hudong-Zhonghua Shipyard , Shanghai	2014	22 Jan 2015	1 Feb 2016
Longhu Shan	980	/ Hudong-Zhonghua Shipyard , Shanghai	2016	15 Jun 2017	19 Sep 2018
Wuzhi Shan	987	/ Hudong-Zhonghua Shipyard , Shanghai	2017	20 Jan 2018	12 Jan 2019
Siming Shan	986	/ Hudong-Zhonghua Shipyard , Shanghai	2017	28 Dec 2018	
	895	/ Hudong-Zhonghua Shipyard , Shanghai	2018	6 Jun 2019	

## **Yuzhao**

### **Dimensions and weights**

#### **Displacement**

standard: 19855 tonnes (19541.4 (uk) t) (21886.4 t (short)) (19855000 kg)

#### **Length**

overall: 210.0 m (689.0 ft)

#### **Beam**

overall: 28.0 m (91.9 ft)

<b>Draught</b>	
hull:	8.0 m (26.2 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	25 kt (46.3 km/h) (28.8 mph)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	156
officers:	23
<b>Military lift:</b>	4 Type 726 (Yuyi) air-cushion vehicles plus 35-45 vehicles and troops
<b>Machinery:</b>	CODAD; 4 Shaanxi SEMT-Pielstick 16PC2.6V-400 diesels; 47,000 hp (35.2 MW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	1 H/PJ-26 76 mm/59 (AK-176); 120 rds/min to 15 km (8.1 n miles); weight of shell 5.9 kg [Ref 1]. 4 H/PJ-13 30 mm/65 (AK-630M); 6 barrels per mounting; 5,000 rds/min combined to 4 km (2.2 n miles) [Ref 2].
<b>Physical countermeasures:</b>	<b>Decoys:</b> 4 Type 726-4 18-barrelled 122 mm chaff launchers [Ref 3].
<b>Radars:</b>	<b>Air search:</b> Type 363S (Sea Tiger) [Ref 4]; E/F-band. <b>Air/surface search:</b> Type 364 (SR-64) (Seagull C) [Ref 5]; G-band. <b>Fire control:</b> Type 347G(2) (LR-66C) [Ref 6]; J-band for 76 mm. Type 347G(1) (Rice Bowl) [Ref 7]; J-band for 30 mm. <b>Navigation:</b> I-band [Ref 8].
<b>Helicopters:</b>	Up to 4 Z-8 Super Frelon.

**Programmes:** After several years' speculation, the existence of the programme was confirmed when construction of the first of class was initiated in mid-2006. The programme constitutes a key component of the PLAN's plan to improve its sealift and power projection capabilities. Six ships have been completed, and two more had been launched by June 2019, with more expected.

**Structure:** The principal features of the design include a large well deck area to accommodate four Type 726 ACVs in the aft two-thirds of the ship. The ACVs access the ship through a stern gate. There is a large helicopter flight deck aft and an extensive hangar. An internal garage deck for vehicles can be accessed via side ramps (port and starboard). Two LCVPs are carried.

**Operational:** Four are based at Zhanjiang (South Sea Fleet). The fourth and fifth are allocated to the East Sea Fleet.

**Sales:** One ordered by Thailand on 9 September 2019.



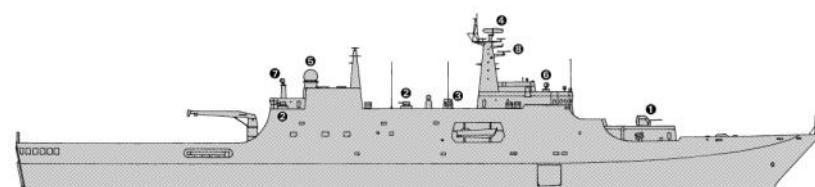
*CHANGBAI SHAN (Ships of the World)*

1632212



*KUNLUN SHAN (Chris Sattler)*

1745002



*KUNLUN SHAN (Ian Sturton)*

1166825



*KUNLUN SHAN (Kürsener Collection)*

1724284



*CHANGBAI SHAN (Michael Nitz)*

1693564

## Zhaochang class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIP) (WPSOH)**

**IN SERVICE:** 1

**UPDATED**

### Fleetlist

ship names	
Haijing 2301	
Zhaochang	
Dimensions and weights	
Measurement	
gross tonnage:	3876 tonnes (3814.8 (uk) t) (4272.6 t (short)) (3876000 kg)
Length	
overall:	110.0 m (360.9 ft)
Beam	

overall:	15.0 m (49.2 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	16 kt (29.6 km/h) (18.4 mph)
<b>Machinery:</b> To be announced.	
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.
<b>Helicopters:</b>	1 medium.

**Comment:** Medium-sized helicopter-capable offshore patrol ship. Built at Wuchang Shipyard, Wuhan, and entered service in 2015. Reported to be powered by AZIPOD propulsors rather than conventional propellers.

## Zhaodai class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIPS) (WPSO)**

**IN SERVICE: 6**

**UPDATED**

### Fleetlist

ship names
Haijing 1112 (ex-Yuzheng 118)
Haijing 2101 (ex-Yuzheng 201)
Haijing 1103 (ex-Haijing 2102 , ex-Yuzheng 202)
Haijing 3101 (ex-Yuzheng 301)
Haijing 3102 (ex-Yuzheng 302)
Haijing 3103 (ex-Yuzheng 303)

Zhaodai	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
standard:	968 tonnes (952.7 (uk) t) (1067.0 t (short)) (968000 kg)
<b>Length</b>	
overall:	69.38 m (227.6 ft)
<b>Beam</b>	
overall:	9.6 m (31.5 ft)
<b>Draught</b>	
hull:	3.29 m (10.8 ft)
<b>Capacity</b>	
<b>Complement</b>	
military	
crew:	35
<b>Machinery:</b>	2 MAN 6L28/32 diesels; 3,551 hp (2.65 MW); 2 shafts; bow thruster
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Built by Wuchang Shipyard, Wuhan for the Fisheries Law Enforcement Command and transferred to the Coast Guard in 2013.



*HAIJING 1103 (Japan Coast Guard/Ships of the World )*

1763913



HAIJING 2101 (*Ships of the World*)

1525673

## Zhaoduan (Type 818) class

**Date Posted:** 10-Sep-2019

**Publication:** Jane's Fighting Ships

**(PATROL SHIPS) (WPSOH)**

**IN SERVICE:** 6

**UPDATED**

### Fleetlist

ship names	Builders
Haijing 46301	/ Huangpu Shipyard , Guangzhou
Haijing 31303	/ Huangpu Shipyard , Guangzhou
Haijing 46302	/ Huangpu Shipyard , Guangzhou
Haijing 46303	/ Wuchang , Shuangliu
Haijing 31301	/
Haijing 31302	/

### Zhaoduan

#### **Dimensions and weights**

#### **Displacement**

standard: 3500 tonnes (3444.7 (uk) t) (3858.1 t (short)) (3500000 kg)

full load:	4000 tonnes (3936.8 (uk) t) (4409.2 t (short)) (4000000 kg)
<b>Length</b>	
overall:	138 m (452.8 ft)
<b>Beam</b>	
overall:	16.0 m (52.5 ft)
<b>Draught</b>	
hull:	5.0 m (16.4 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	27 kt (50.0 km/h) (31.1 mph)
<b>Range</b>	
standard:	3800 n miles (7037.6 km) (4373.0 miles) at 18 kt (33.3 km/h) (20.7 mph)
<b>Machinery:</b>	CODAD: 4 SEMT Pielstick 16PA6A-280 STC diesels; 28,200 hp (20.7 MW); 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	1 H/PJ-26 76 mm/59 (AK-176); 120 rds/min to 15 km (8.1 n miles); weight of shell 5.9 kg. 2 Type 630 30 mm/65; 6 barrels per mounting; 3,000 rds/min combined to 4 km (2.2 n miles); weight of shell 0.39 kg.
<b>Radars:</b>	<b>Surface search/navigation:</b> To be announced. <b>Fire control:</b> To be announced.
<b>Combat data systems:</b>	To be announced.
<b>Helicopters:</b>	1 Z-9.

**Comment:** The Type 818 cutter is based on the Type 054A Jiangkai II frigate hull. The ship is armed with a 76 mm main gun and two 30 mm CIWS but is not fitted with missiles or anti-submarine weapons and sensors. The design features a hangar for a Z-9 helicopter, although the China coast guard has few airborne assets. The number planned is unknown but additional vessels are likely.



*HAIJING 46301 (CSOC)*

*1707475*

## Zhaogao class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(WPSOH)**

**IN SERVICE:** 3

***UPDATED***

### Fleetlist

ship names
Haijing 33103
Haijing 44104
Haijing 46104

**Zhaogao**

### **Dimensions and weights**

### **Displacement**

full load: 1500 tonnes (1476.3 (uk) t) (1653.5 t (short)) (1500000 kg)

### **Length**

overall:	89.0 m (292.0 ft)
<b>Beam</b>	
overall:	11.6 m (38.1 ft)
<b>Draught</b>	
hull:	4.4 m (14.4 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	25 kt (46.3 km/h) (28.8 mph)
<b>Range</b>	
standard:	3500 n miles (6482.0 km) (4027.7 miles) at 16 kt (29.6 km/h) (18.4 mph)
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Guns:</b>	1-30 mm.
<b>Radars:</b>	<b>Surface search/navigation:</b> To be announced. <b>Fire control:</b> To be announced.
<b>Combat data systems:</b>	To be announced.
<b>Helicopters:</b>	Platform for 1 light utility.

**Comment:** Three new coast guard vessels apparently based on the Type 056 corvettes, entered service in 2015. The ships are not fitted with missiles or anti-submarine weapons and sensors but retain a 30 mm gun. Water cannons may also be fitted.



*HAIJING 33103 (Ships of the World)*

1686951

# Zhaojun (Type 718B) class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIP) (WPSOH)**

**IN SERVICE: 9**

***UPDATED***

## Fleetlist

ship names
Haijing 46111
Haijing 45111
Haijing 46113
Haijing 46112
Haijing 21111
Haijing 33111
Haijing 35111
Haijing 37111
Haijing 44111

## Zhaojun

### Dimensions and weights

#### Displacement

full load: 1750 tonnes (1722.4 (uk) t) (1929.0 t (short)) (1750000 kg)

#### Length

overall: 100.0 m (328.1 ft)

#### Beam

overall: 16.5 m (54.1 ft)

**Machinery:** 2 diesels; 2 shafts; bow thruster

<b>Firepower</b>	
<b>Guns:</b>	1-76 mm.
<b>Radar:</b>	To be announced.
<b>Helicopters:</b>	Flight deck only.

**Comment:** Medium-sized offshore patrol ships based on the design of the Type 718 (Haixun II class). The first three vessels were constructed at Huangpu Shipyard, Guangzhou, and construction also noted at Wuchang Shipyard, Wuhan. *44111* was launched in December 2016 and returned to the shipyard for repairs after which it was re-launched in March 2019. New pennant numbers include 5204.

## Zhaolai class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(WPSOH)**

**IN SERVICE:** 4

**UPDATED**

### Fleetlist

ship names	Builders	Launched	Commissioned
Haijing 2401	/ Huangpu Shipyard , Guangzhou	12 Sep 2013	23 Jan 2014
Haijing 3401	/ Huangpu Shipyard , Guangzhou	2 Aug 2013	10 Jan 2014
Haijing 3402	/ Huangpu Shipyard , Guangzhou	13 Jun 2014	17 Oct 2014
Haijing 6402 (ex-Haijing 1401)	/ Huangpu Shipyard , Guangzhou	23 Jan 2014	2014

**Zhaolai**

### **Dimensions and weights**

### **Measurement**

gross tonnage:	4000 tonnes (3936.8 (uk) t) (4409.2 t (short)) (4000000 kg)
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<b>Length</b>	
overall:	99.0 m (324.8 ft)
<b>Beam</b>	
overall:	15.2 m (49.9 ft)
<b>Draught</b>	
hull:	6.1 m (20.0 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	24 kt (44.4 km/h) (27.6 mph)
<b>Machinery:</b>	2 diesels; 12,069 hp (9 MW); 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.
<b>Helicopters:</b>	Platform for 1 medium.

**Comment:** New patrol ships built to an offshore supply vessel design completed from 2014.

## Zhaoming class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIP) (WPSO)**

**IN SERVICE:** 3

**UPDATED**

### Fleetlist

ship names
Haijing 3101 (ex-Yuzheng 301)
Haijing 3102 (ex-Yuzheng 302)

Haijing 1116 (ex-Yuzheng 116)	Zhaoming
<b>Dimensions and weights</b>	
<b>Displacement</b>	
standard:	1000 tonnes (984.2 (uk) t) (1102.3 t (short)) (1000000 kg)
<b>Length</b>	
overall:	73.0 m (239.5 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	13 kt (24.1 km/h) (15.0 mph)
<b>Machinery:</b>	
2 diesels; 2 shafts; bow thruster	
<b>Firepower</b>	
<b>Radars:</b>	
Surface search: E/F-band. Navigation: I-band.	

**Comment:** Medium-sized offshore patrol ships.

## Zhaotim class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIP) (WPSO)**

**IN SERVICE: 15**

**UPDATED**

### Fleetlist

ship names
Haijing 1103
Haijing 1104

Haijing 2106	
Haijing 3105	
Haijing 3106	
Haijing 21115 (ex-Haijing 1101)	
Haijing 33115 (ex-Haijing 2104)	
Haijing 35115 (ex-Haijing 2105)	
Haijing 37115 (ex-Haijing 1102)	
Haijing 46115 (ex-Haijing 3104)	
Yuzheng 45005	
Yuzheng 45013	
Yuzheng 45036	
Haijing 3115 (ex-Haijing 2107)	
Haijing 3315 (ex-Haijing 2108)	
<b>Zhaotim</b>	
<b>Dimensions and weights</b>	
<b>Measurement</b>	
gross tonnage:	1764 tonnes (1736.1 (uk) t) (1944.5 t (short)) (1764000 kg)
<b>Length</b>	
overall:	83.4 m (273.6 ft)
<b>Beam</b>	
overall:	11.6 m (38.1 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	20 kt (37.0 km/h) (23.0 mph)
<b>Capacity</b>	

<b>Complement</b>	
military	
crew:	35
<b>Machinery:</b> 2 MAN 8L2738 diesels; 7,396 hp (5.44 MW); 2 shafts	
<b>Firepower</b>	
Guns:	1 H/PJ-17 30 mm; 2 remotely operated 12.7 mm MGs.
Radars:	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Medium-sized offshore patrol ships for fishery protection built at multiple yards (including Chongqing Chuandong Shipbuilding, Penglai Zhongbai Jinglu Shipbuilding, Shahaiguan Shipbuilding, Xiamen Shipbuilding) from 2013. Some 13 vessels had been completed by December 2015.



*HAIJING 33115 (Ships of the World)*

1686953

## Zhaotou class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIPS) (WPSOH)**

**IN SERVICE:** 2

**UPDATED**

### Fleetlist

ship names	Builders	Laid down	Launched	Commissioned
Haijing 2901	/ Jiangnan Shipyard , Shanghai	Apr 2014	Dec 2014	2015

Haijing 5901 (ex-Haijian 3901)	/ Jiangnan Shipyard , Shanghai	Jun 2014	2015	2015
<b>Zhaotou</b>				
<b>Dimensions and weights</b>				
<b>Measurement</b>				
gross tonnage: 11859 tonnes (11671.7 (uk) t) (13072.3 t (short)) (11859000 kg)				
<b>Length</b>				
overall: 165.0 m (541.3 ft)				
<b>Beam</b>				
overall: 21.8 m (71.5 ft)				
<b>Performance</b>				
<b>Speed</b>				
top speed: 25 kt (46.3 km/h) (28.8 mph)				
<b>Machinery:</b> CODAD; 4 diesels; 2 shafts				
<b>Firepower</b>				
<b>Guns:</b> 1-76 mm. 2-30 mm.				
<b>Radars:</b> Surface search: E/F-band. <b>Navigation:</b> I-band.				
<b>Helicopters:</b> 2 medium.				

**Comment:** Large helicopter-capable offshore patrol ships, which entered service in 2015. Embarks 12.5 m interceptors.



JAIJING 5901 (old number) (*Ships of the World*)

1649982

# Zhaoyu class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIPS) (WPSOH)**

**IN SERVICE:** 12

***UPDATED***

## Fleetlist

ship names
Haijing 1305 (ex-Haijing 1301)
Haijing 1303
Haijing 2302
Haijing 2303
Haijing 2304
Haijing 3301
Haijing 46305 (ex-Haijing 3302)
Haijing 3303
Haijing 3304
Haijing 3305
<b>Zhaoyu</b>

## **Dimensions and weights**

### **Measurement**

gross tonnage: 3080 tonnes (3031.4 (uk) t) (3395.1 t (short)) (3080000 kg)

### **Length**

overall: 110.8 m (363.5 ft)

<b>Beam</b>	
overall:	14.0 m (45.9 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	16 kt (29.6 km/h) (18.4 mph)
<b>Machinery:</b>	To be announced.
<b>Firepower</b>	
<b>Guns:</b>	1-30 mm.
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.
<b>Helicopters:</b>	1 medium.

**Comment:** Medium-sized helicopter-capable offshore patrol ships. 1301-1304 built at Tianjin Shipyard, 2302-2304 built at Huangpu Shipyard, and 3301 and 3303-3305 at Guangzhou Shipyard. All entered service in 2014.



*HAIJING 2302 (Ships of the World)*

1696962



*HAIJING 1305 (Japan Coast Guard/Ships of the World)*

1763912

## Zhongdeng class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(WPBO)**

**IN SERVICE: 1**

***UPDATED***

**Fleetlist**

ship names	
Yuzheng 205	
<b>Zhongdeng</b>	
<b>Dimensions and weights</b>	
<b>Length</b>	
overall:	48 m (157.5 ft)
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Large patrol boat completed in 2009.

## **Zhongeng I/II class**

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIP) (WPSO)**

**IN SERVICE: 10**

***UPDATED***

**Fleetlist**

ship names	
Yuzheng 13001	
Yuzheng 32501	

Yuzheng 33001	
Yuzheng 33000	
Yuzheng 33006	
Yuzheng 35001	
Yuzheng 37008	
Yuzheng 44061	
Yuzheng 45001	
Yuzheng 46012	
<b>Zhongeng I/II</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	570 tonnes (561.0 (uk) t) (628.3 t (short)) (570000 kg)
<b>Length</b>	
overall:	58.8 m (192.9 ft)
<b>Beam</b>	
overall:	8 m (26.2 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	17 kt (31.5 km/h) (19.6 mph)
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Medium-sized offshore patrol vessels. Two variants: Type I (44061, 45001, 46012, and 35001) built in Huangpu and Jiangxi Rui 2001-03. Type II (33001, 13001, 32501, 33006, 33000, and 37008) built at Wuchang and Zhejiang shipyards 2001-02. Details reflect Type I ships. Type II units are smaller at 55 m length.

# Zhongmel class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIPS) (WPBO)**

**IN SERVICE:** 2

*UPDATED*

## Fleetlist

ship names
Yuzheng 44183
Yuzheng 44608
<b>Zhongmel</b>
<b>Dimensions and weights</b>
<b>Length</b>
overall: 59 m (193.6 ft)
<b>Beam</b>
overall: 8 m (26.2 ft)
<b>Draught</b>
hull: 2.5 m (8.2 ft)
<b>Performance</b>
<b>Speed</b>
top speed: 18 kt (33.3 km/h) (20.7 mph)
<b>Machinery:</b> 2 diesels; 2 shafts
<b>Firepower</b>
<b>Radars:</b> Surface search: E/F-band. Navigation: I-band.
<b>Comment:</b> Medium-sized offshore patrol vessels.

# Zhongsui class

Date Posted: 02-Mar-2020

Publication: Jane's Fighting Ships

(OFFSHORE PATROL SHIPS) (WPBO)

IN SERVICE: 7

*VERIFIED*

## Fleetlist

ship names	
Yuzheng 44601	
Yuzheng 44602	
Yuzheng 44603	
Yuzheng 35199	
Yuzheng 44606	
Yuzheng 45003	
Yuzheng 45029	
Zhongsui	
Dimensions and weights	
Length	
overall:	61.0 m (200.1 ft)
Machinery:	To be announced.
Firepower	
Radars:	Surface search: E/F-band. Navigation: I-band.
Comment:	Large patrol boats.

# Zhongtao class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIPS) (WPBO)**

**IN SERVICE:** 50

***UPDATED***

## Fleetlist

ship names
Yuzheng 112
Yuzheng 117
Yuzheng 12002
Yuzheng 21001
Yuzheng 21002
Yuzheng 21006
Yuzheng 21009
Yuzheng 21102
Yuzheng 21137
Yuzheng 21202
Yuzheng 21401
Yuzheng 32511
Yuzheng 32521
Yuzheng 32528
Yuzheng 32543
Yuzheng 32545
Yuzheng 33012
Yuzheng 33015

Yuzheng 33016

Yuzheng 33017

Yuzheng 33019

Yuzheng 33023

Yuzheng 33025

Yuzheng 33102

Yuzheng 33129

Yuzheng 33203

Yuzheng 33316

Yuzheng 33416

Yuzheng 33417

Yuzheng 35106

Yuzheng 35136

Yuzheng 35901

Yuzheng 37001

Yuzheng 37005

Yuzheng 37015

Yuzheng 37016

Yuzheng 37309

Yuzheng 37529

Yuzheng 37601

Yuzheng 44611

Yuzheng 45012

Yuzheng 45013

Yuzheng 46013

<b>Zhongtao</b>	
<b>Dimensions and weights</b>	
<b>Length</b>	
overall:	50.0 m (164.0 ft)
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Radar:</b>	<b>Surface search/navigation:</b> I-band.

**Comment:** Large patrol boats. There are multiple variants, which vary in appearance and configuration, including versions with stern ramp and versions with boats carried on the aft deck launched by crane. Numbers are approximate. More than 50 have been built since 2008 at small shipyards and numbers are approximate.

## Zhongyang class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIP) (WPSOH)**

**IN SERVICE: 1**

**UPDATED**

### Fleetlist

<b>ship names</b>	
Haijing 1304 (ex-Haijing 2301)	
<b>Zhongyang</b>	
<b>Dimensions and weights</b>	
<b>Displacement</b>	
full load:	2580 tonnes (2539.3 (uk) t) (2844.0 t (short)) (2580000 kg)
<b>Length</b>	
overall:	108 m (354.3 ft)

<b>Beam</b>	
overall:	14.0 m (45.9 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	22 kt (40.7 km/h) (25.3 mph)
<b>Machinery:</b>	2 diesels; 2 shafts
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.
<b>Helicopters:</b>	1 Z-9A.

**Comment:** Built at Guangzhou and entered service with the Fisheries Law Enforcement Service in 2010. Transferred to the China Coast Guard in 2013.

## Zhongyu class

**Date Posted:** 02-Mar-2020

**Publication:** Jane's Fighting Ships

**(OFFSHORE PATROL SHIP) (WPSO)**

**IN SERVICE: 1**

**UPDATED**

### Fleetlist

ship names
Yuzheng 31001
Zhongyu
<b>Dimensions and weights</b>
<b>Displacement</b>
full load: 858.2 tonnes (844.6 (uk) t) (946.0 t (short)) (858200 kg)
<b>Measurement</b>

gross tonnage:	694 tonnes (683.0 (uk) t) (765.0 t (short)) (694000 kg)
<b>Length</b>	
overall:	66.53 m (218.3 ft)
<b>Beam</b>	
overall:	8.5 m (27.9 ft)
<b>Draught</b>	
hull:	3.3 m (10.8 ft)
<b>Performance</b>	
<b>Speed</b>	
top speed:	18.2 kt (33.7 km/h) (20.9 mph)
<b>Machinery:</b>	To be announced.
<b>Firepower</b>	
<b>Radars:</b>	<b>Surface search:</b> E/F-band. <b>Navigation:</b> I-band.

**Comment:** Medium-sized offshore patrol vessel for fishery patrol duties. Commissioned in October 2008.