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PHOTOGRAPHIC INTERPRETATION REPORT



**RECENTLY NAMED
CHINESE COMMUNIST
VESSELS**

NPIC/R-135/67
AUGUST 1967

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

WARNING

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SECRET

NPIC/R-135/67

Approved For Release 2001/11/19 : CIA-RDP78B04560A006000010010-1
NO FOREIGN DISSEM

PHOTOGRAPHIC INTERPRETATION REPORT

RECENTLY NAMED CHINESE COMMUNIST VESSELS

AUGUST 1967

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

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NO FOREIGN DISSEM

INTRODUCTION

On 27 April 1967 representatives from US intelligence agencies concerned with the identification of Chinese Communist naval vessels established a procedure for naming these classes/units. On 2 May 1967 a committee convened at NPIC and selected names for 18 vessel classes/units.

This report presents photography and descriptive data to assist NPIC product users and other interested

agencies in associating the new names with the vessels. Also included herein is similar material for 7 recently named vessels which have not yet been incorporated into Naval Ships of Eastern Asia. 1/

The functional designations of the vessels are based on their apparent intended employment and are subject to revision. All dimensions given herein are approximate. Functional designations and dimensions represent concurrence among analysts and are not the position of a specific agency.

Table 1. Names, Types, and Dimensions of Vessels

25X1D

Name	Type	LOA	Beam	Page in This Report
NEWLY NAMED VESSELS				
		25X1D	25X1D	
Haikou	PGM			3
Shantung	PGM			5
Peihai	PGM			7
Fukien	PGM			9
Yingkou	YP			11
Yulin	YP			13
Taku	YP			15
Ichang	YP			17
Antung	AK			19
Fuchou	AO			21
Leichou	AO			23
Yentai	AG			25
Yunnan	LCM			27
Gromovoy	ATA			29
Tinghai	AG			31
Chunghua	ASL			33
Lungmen	(possible) YAG			35
Shensi	(possible) YAG (possible)			37
RECENTLY NAMED VESSELS NOT IN NAVAL SHIPS OF EASTERN ASIA 1/				
G-class	SSB			39
Kiangnan	DE			41
Hainan	PC			43
Shanghai	PTF			45
Huchwan	PTH			47
Tung Fang Hung	AGS			49
Lienyun	MSM			51

25X1D

25X1D

NAME: Haikou

TYPE: PGM

LOA: [REDACTED]

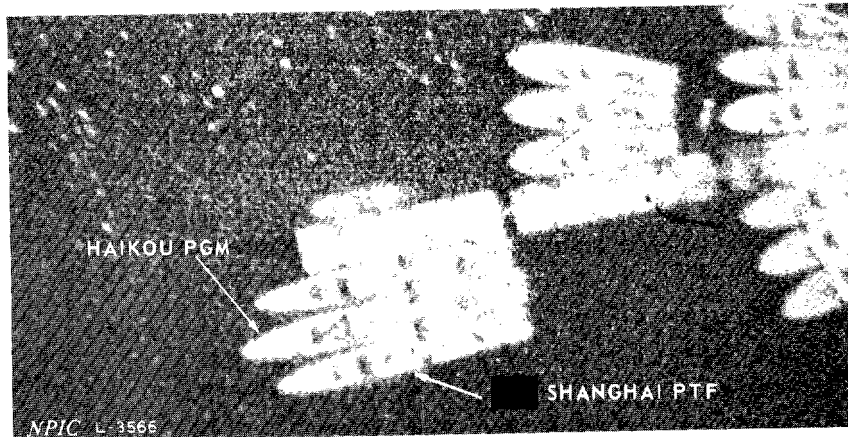
BEAM: [REDACTED]

25X1D

REMARKS

Vessels of this class have been photographed in all 3 Chinese Communist Fleet areas. The configuration resembles that of the [REDACTED] Shanghai PTF. The Haikou PGM has 2 single-barrel probable 37-mm mounts, one forward and one aft, and 2 twin-barrel probable 25-mm antiaircraft weapons athwartships immediately aft of the superstructure. Electronics observed include a masthead-mounted SKIN HEAD radar. Although the entire vessel is larger than the Shanghai PTF, which would indicate a slightly greater freeboard, the fore-castle is considerably higher, probably making the Haikou PGM a more seaworthy unit.

25X1D



25X1D

Photographic References

25X1D



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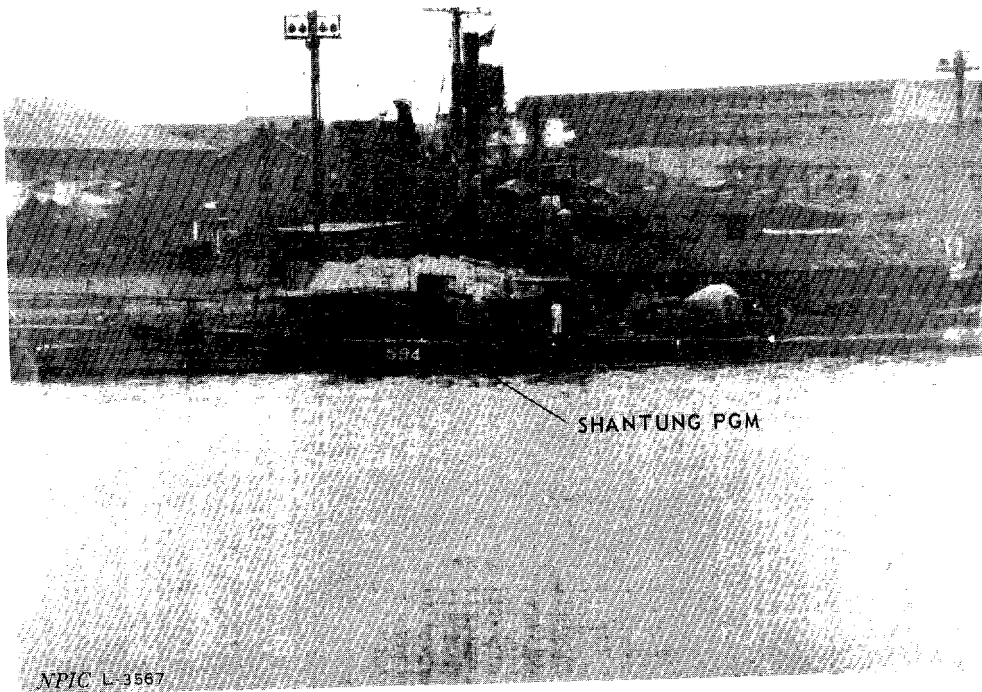
NO FOREIGN DISSEM

NAME: Shantung
TYPE: PGM
LOA: 85 feet (approximate)
BEAM: [REDACTED]

25X1D

REMARKS

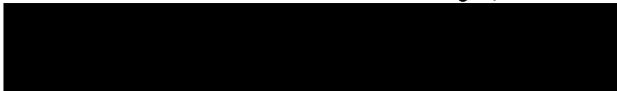
This unit appears to be designed for a function similar to that assigned to the Swatow PGM. The probable armament of the Shantung is two 37-mm mounts, one forward and one aft. No secondary armament appears to be fitted. A SKIN HEAD radar is positioned on the masthead. A gratelike structure suggesting a spray deflector/catwalk sponson is positioned abeam both the forward and aft mounts. A small poorly defined object reminiscent of the Huchwan-class PTH foil strut extends from the forward edge of the forward sponson down to the water. The object has a downward backsweep of about 15 degrees. No similar object was observed at the aft sponson.



SHANTUNG PGM

Photographic Reference

25X1D



SECRET

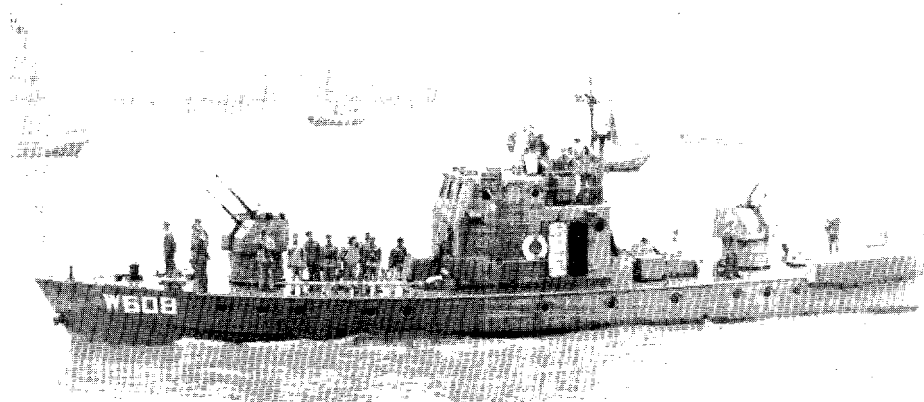
Approved For Release 2001/11/19 : CIA-RDP78B04560A006000010010-1

NO FOREIGN DISSEM

NAME: Peihai
TYPE: PGM
LOA: 85 feet (approximate)
BEAM: Unknown

REMARKS

This unit is armed with 2 twin-barrel 25-mm mounts, one forward and one aft. The hull design, gun mount placement, and superstructure placement indicate that the Peihai PGM is a new design and not a modification of the Swatow PGM or the Whampoa PGM. The number and spacing of the portholes in the hull indicate efforts at improved habitability and suggest the intended use of the vessel in warm climates. The unit shown has been observed only in the South Sea Fleet area, near Macao Island.



NPIC L-3568

Photographic Reference



25X1D

SECRET

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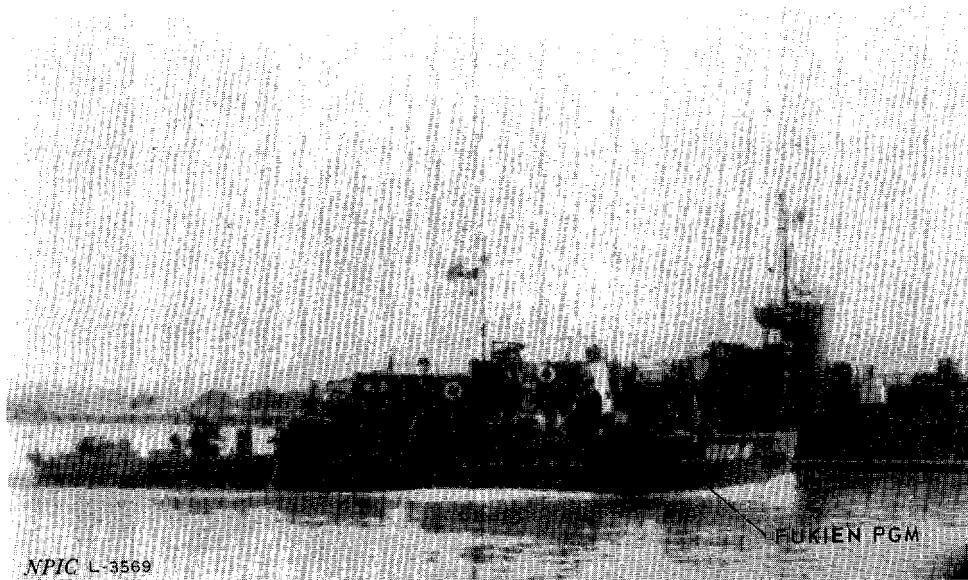
Approved For Release 2001/11/19 : CIA-RDP78B04560A006000010010-1

NO FOREIGN DISSEM

NAME: Fukien
TYPE: PGM
LOA: 90 feet (approximate)
BEAM: Unknown

REMARKS

This vessel has one 37-mm mount aft, a possible 37-mm mount forward, and a light machine gun atop the deckhouse. No identifiable radar is installed on the vessel.



Photographic Reference

25X1D

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NO FOREIGN DISSEM

SECRET

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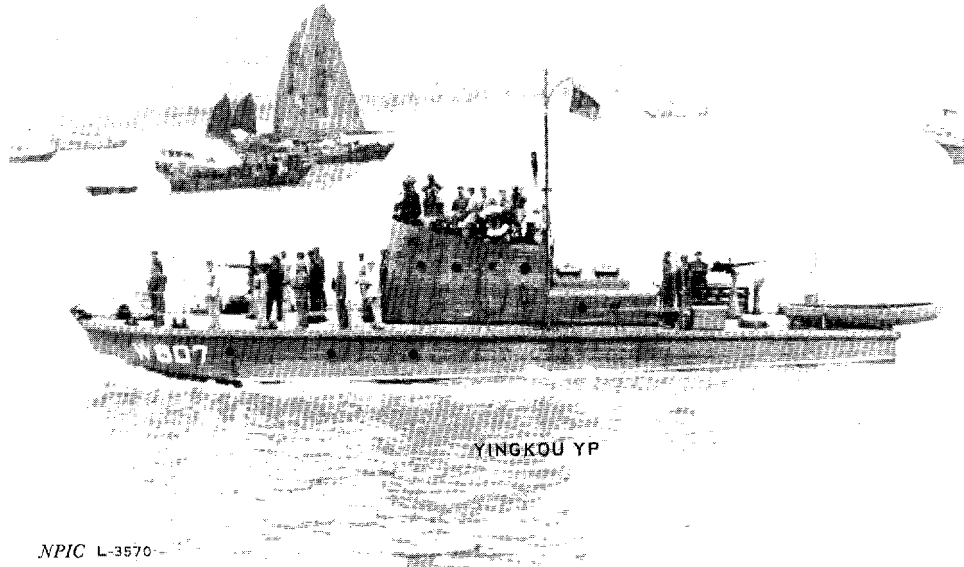
Approved For Release 2001/11/19 : CIA-RDP78B04560A006000010010-1

NO FOREIGN DISSEM

NAME: Yingkou
TYPE: YP
LOA: 70 feet (approximate)
BEAM: Unknown

REMARKS

These units are armed with 2 light machine guns, one forward and one aft. No electronics appear to be fitted on the Yingkou. These vessels have been observed only in the South Sea Fleet area.



Photographic Reference

25X1D

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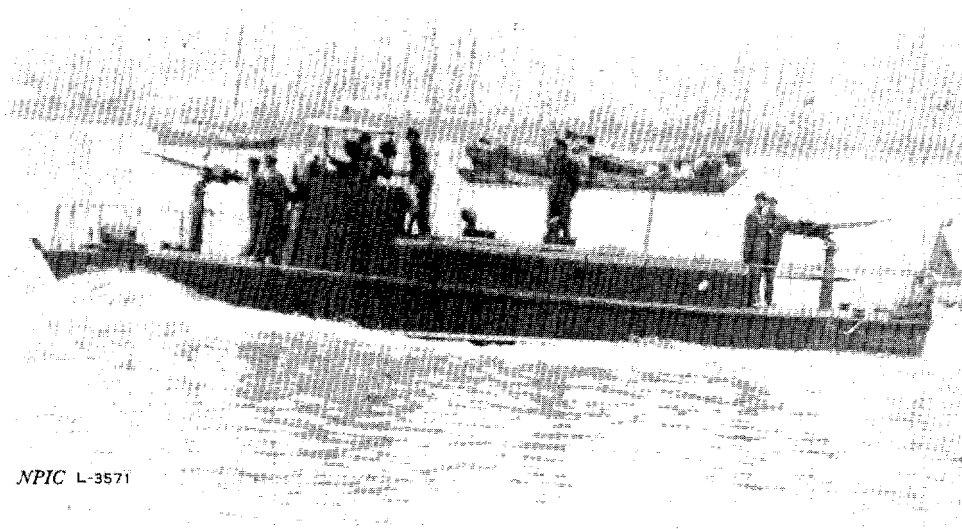
NO FOREIGN DISSEM

25X1D

NAME: Yulin
TYPE: YP
LOA: 45 feet (approximate)
BEAM: [REDACTED]

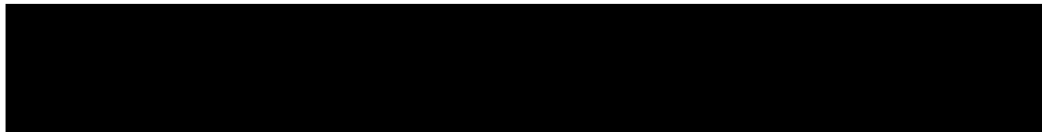
REMARKS

Vessels of this class were serially produced at Shang-hai Shipyard Chiu-hsin during 1966. Their configuration resembles that of the US Swift-class PCF. The armament consists of 2 machine guns, one forward and one aft. Units of the Yulin have been photographed on the Huang-pu-chiang (river), in the South Sea Fleet area, at Dar es Salaam, Tanzania, and at Ream Naval Base, Cambodia.



NPIC L-3571

Photographic References

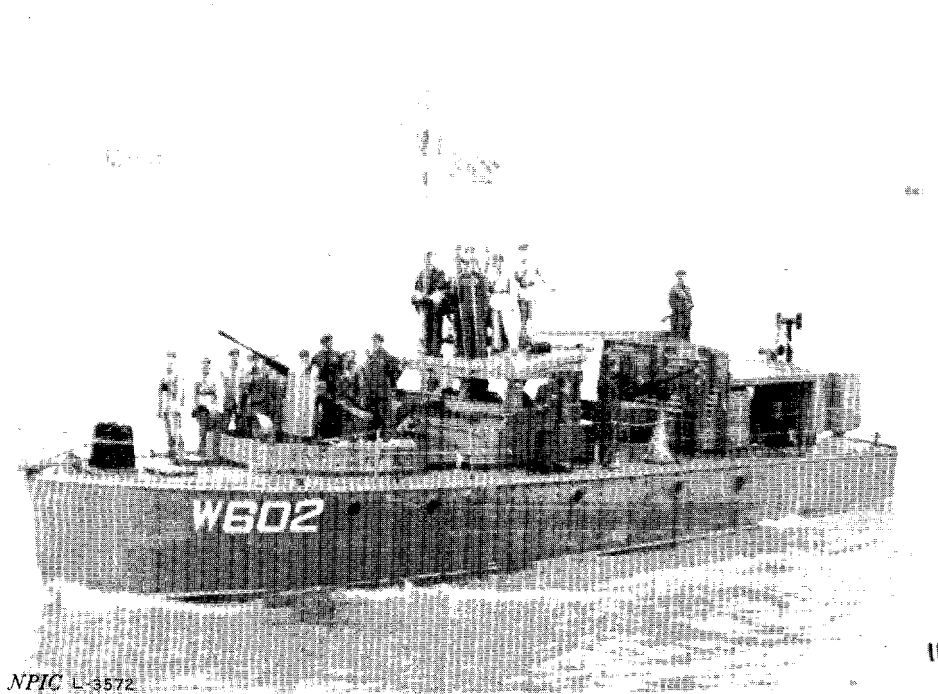


25X1D

25X1D
NAME: Taku
TYPE: YP
LOA: 55 feet (approximate)
BEAM: [REDACTED]

REMARKS

This class of vessel is the US LCC YP. The armament consists of a heavy-caliber automatic weapon forward and 2 light machine guns mounted athwartships immediately aft of the deckhouse. Electronics appear to be limited to communications, as only wire antennas are fitted on the vessel.



Photographic References

25X1D



SECRET

NPIC/R-135/67

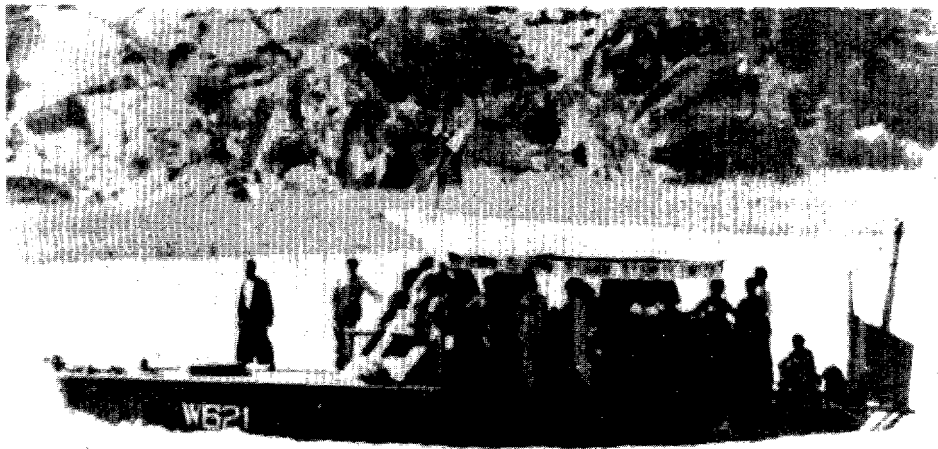
Approved For Release 2001/11/19 : CIA-RDP78B04560A006000010010-1

NO FOREIGN DISSEM

NAME: Ichang
TYPE: YP
LOA: 40 feet (approximate)
BEAM: Unknown

REMARKS

No armament is observed on this vessel. It appears to be fitted with a wire antenna.



NPIC L-3573

Photographic Reference

25X1D



SECRET

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NO FOREIGN DISSEM

NAME: Antung

TYPE: AK

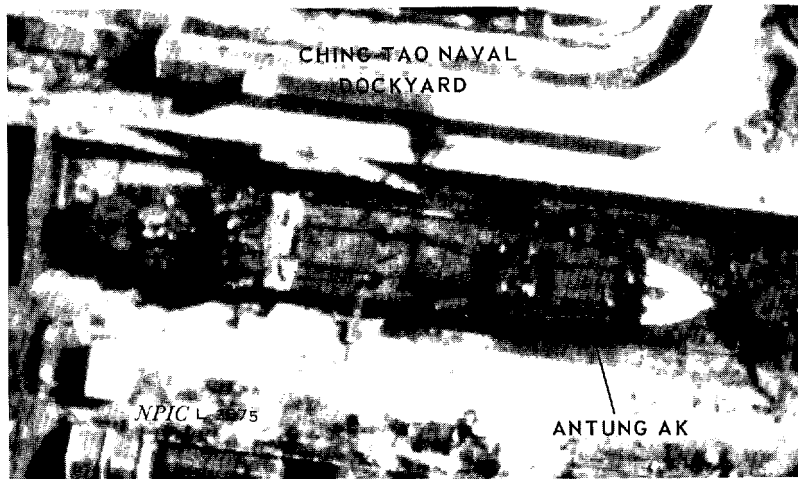
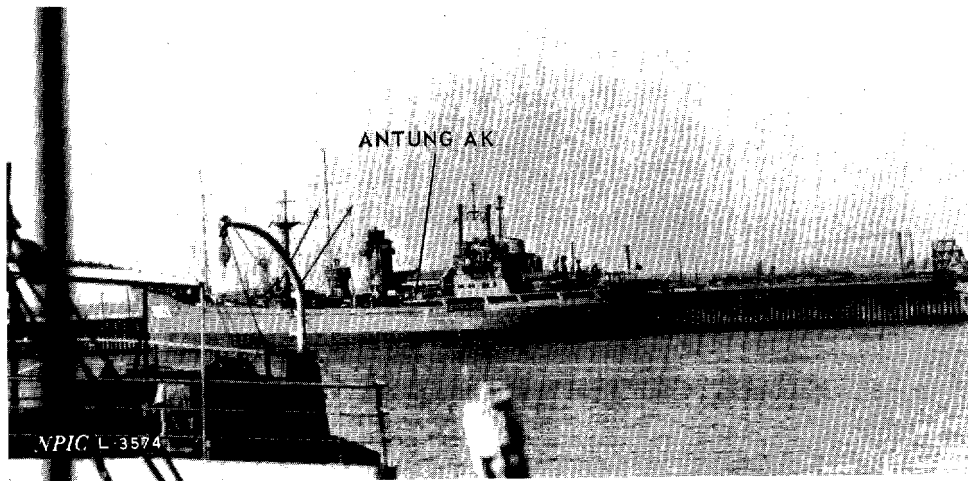
25X1D

LOA: [REDACTED]

BEAM: [REDACTED]

REMARKS

Only 1 of 5 similar vessels has been observed to have a naval pendant number. The Antung probably is a sister to merchant ships Hoping 59, 60, 62, and 63.



Photographic References

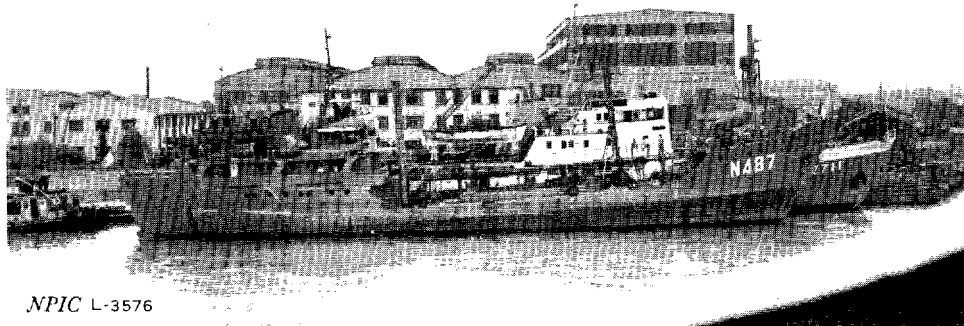
25X1D



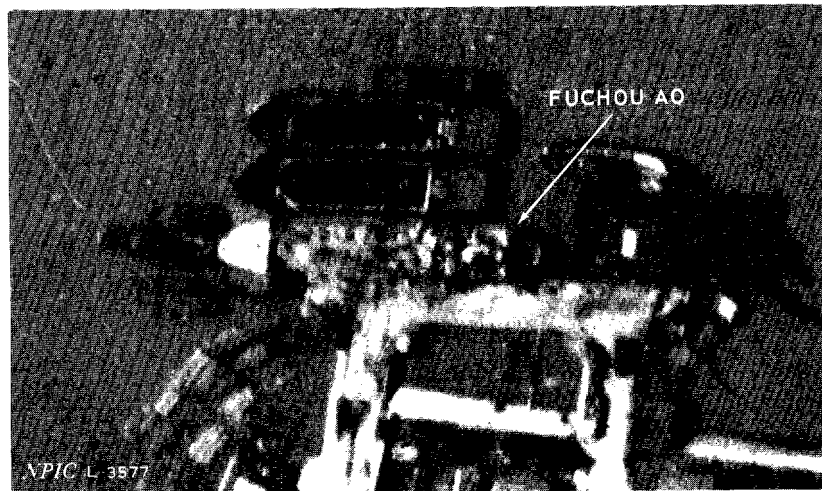
NAME: Fuchou
TYPE: AO
LOA: 195 feet (approximate)
BEAM: 30 feet (approximate)

REMARKS

The armament on the Fuchou includes 2 twin-barrel 25-mm mounts, one on the fore-castle and one on the aft end of the superstructure. Two slightly different versions of this vessel have been constructed. The later version is shown below. The earlier version lacked the "goal post" ventilators located just forward of the bridge and had a slightly different bridge configuration. An identification feature unique to the Fuchou is the catwalk which is angled to starboard to clear the foremast.



NPIC L-3576



NPIC L-3577

Photographic References

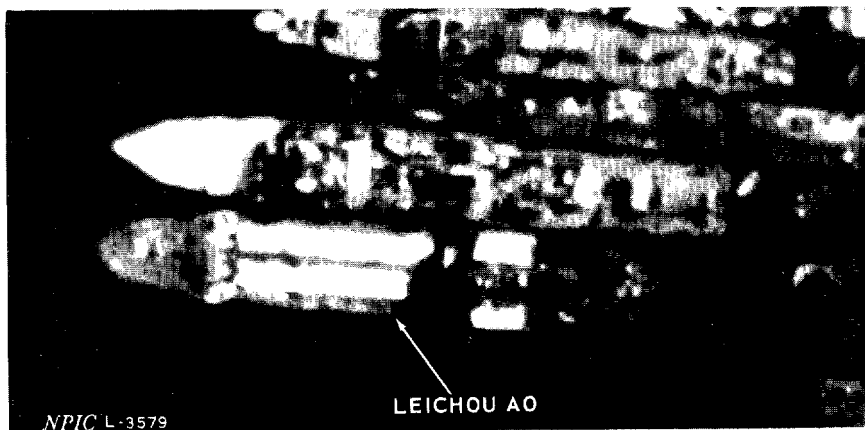
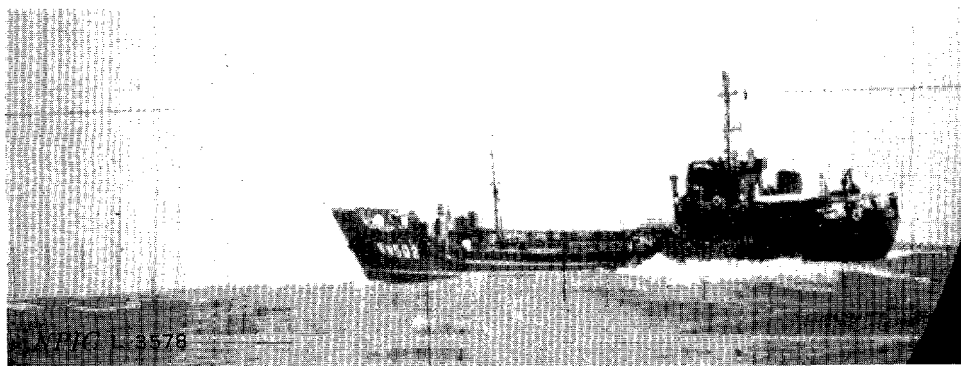
25X1D

25X1D

NAME: Leichou
TYPE: AO
LOA: 175 feet (approximate)
BEAM: [REDACTED]

REMARKS

The armament on these units consists of 2 possible 25-mm mounts positioned athwartships on the forecastle. Electronics include a surface search radar and communications antennas. At least 2 of these vessels probably were constructed at the Ching-tao Naval Dockyard.



Photographic References

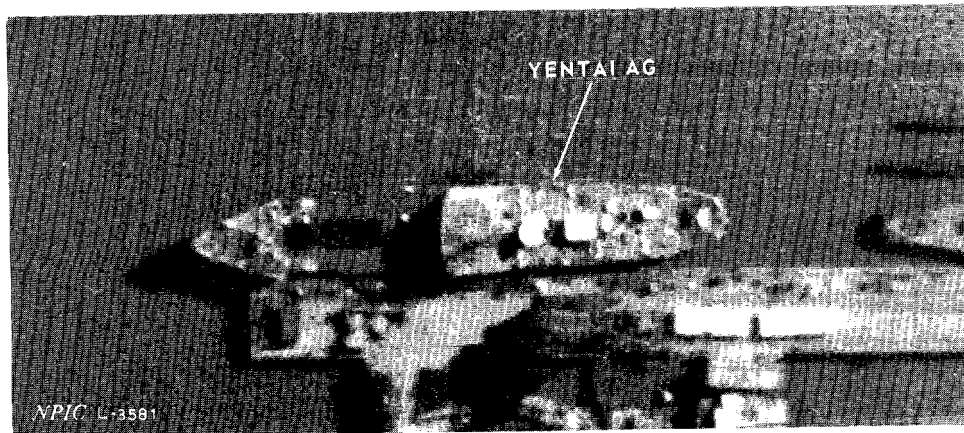
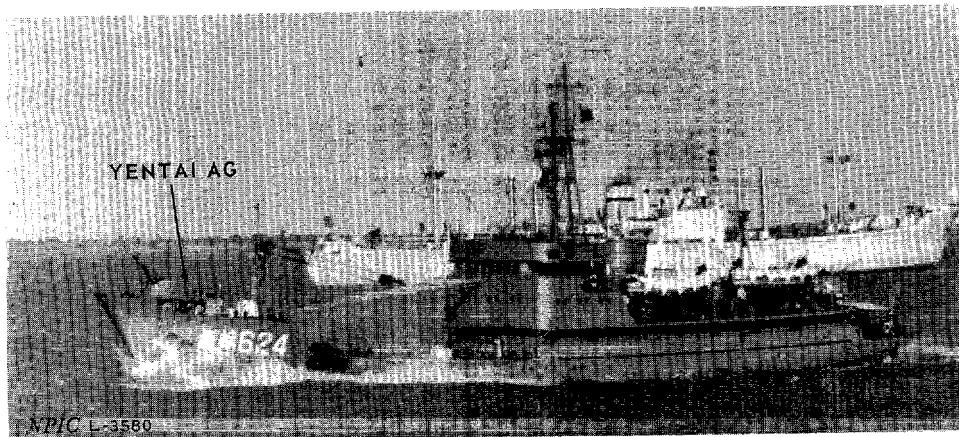
25X1D



NAME: Yentai
TYPE: AG
LOA: 220 feet (approximate)
BEAM: 35 feet (approximate)

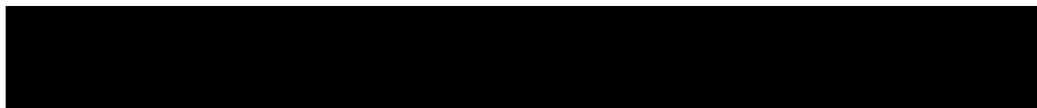
REMARKS

The single unit observed to date is armed with 3 dual 37-mm mounts. There is a cargo hatch on the well deck serviced by a crane on the forecandle. Electronics include a surface search radar and normal communications antennas.



Photographic References

25X1D

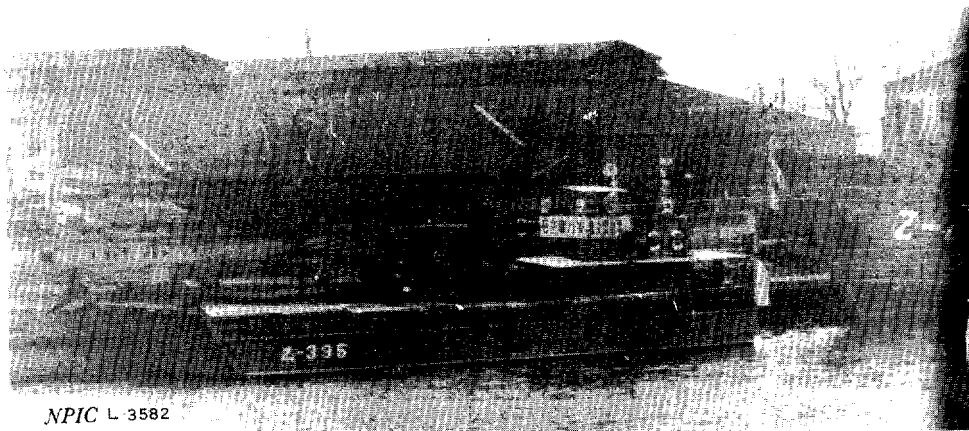


NAME: Yunnan
TYPE: LCM
LOA: 90 feet (approximate)
BEAM: [REDACTED]

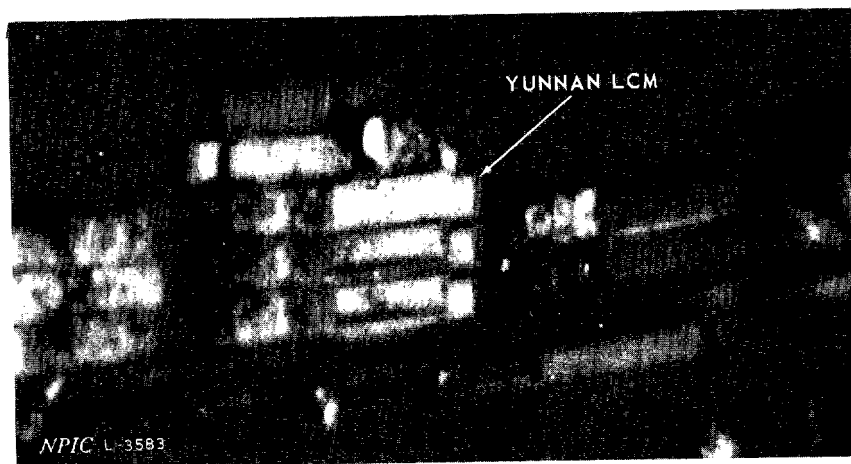
25X1D

REMARKS

Units of this type were serially produced at Shang-hai Shipyard Chung-hua during 1966. They have been observed at bases in all 3 Fleet areas.



NPIC L 3582



NPIC L 3583

Photographic References

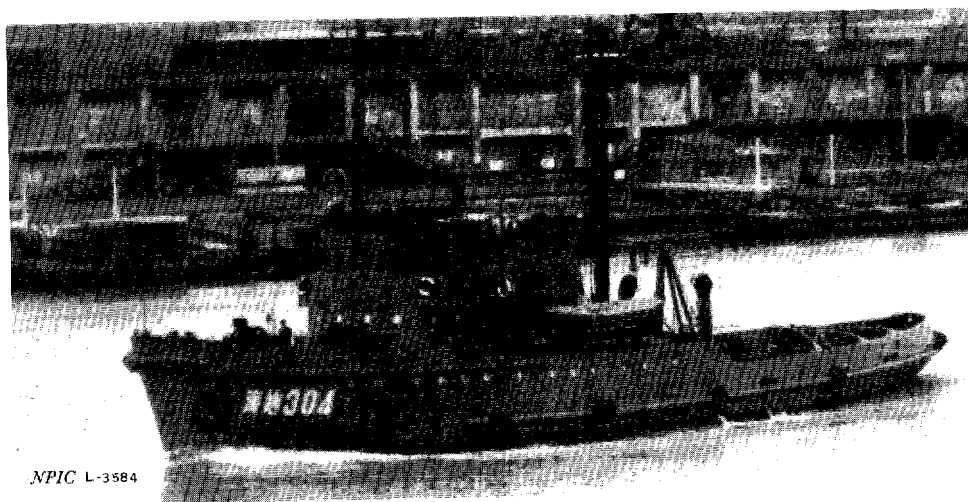
25X1D



NAME: Gromovoy
TYPE: ATA
LOA: 150 feet (approximate)
BEAM: 30 feet (approximate)

REMARKS

These units are of a class of Soviet ATA apparently transferred to or built by the Chinese Communists. Four units have been identified by pendant number in the Shanghai area. This class has been previously reported by NPIC as the Golovnyy-class ATA.



Photographic References

25X1D



NAME: Tinghai

TYPE: AG

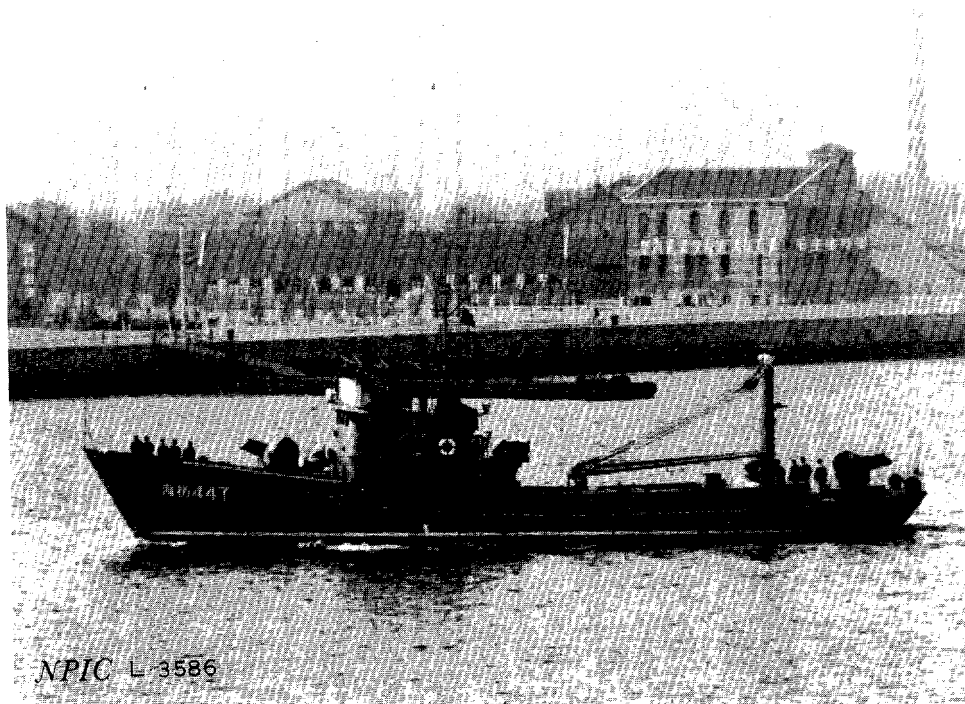
LOA: [REDACTED]

BEAM: [REDACTED]

25X1D

REMARKS

This class of AG has forward and aft mounts, probably for twin-barrel 25-mm weapons. The configuration of the vessel is distinguished by the forward placement of the superstructure and by a king post and boom on the afterdeck. No radar appears to be fitted. Normal communications antennas can be seen on the mast.



Photographic Reference

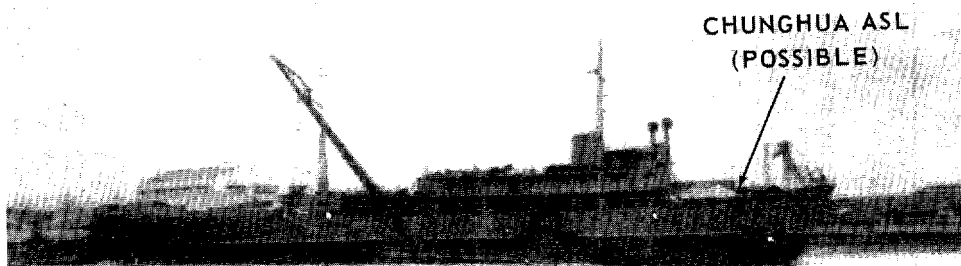
25X1D



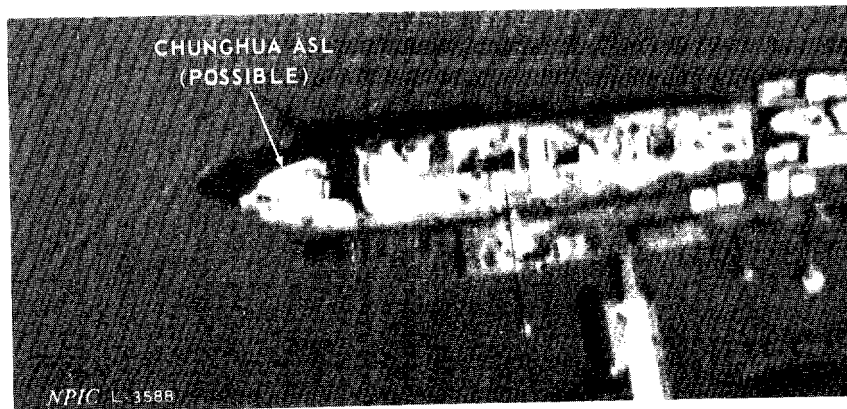
NAME: Chunghua
TYPE: ASL (possible)
LOA: 285 feet (approximate)
-25X1D BEAM: [REDACTED]

REMARKS

The single unit observed to date was seen at the fitting-out wharf at Shang-hai Shipyard Chung-hua and operating with R/W-class submarines off Lu-shun. The relatively large block superstructure and the clear afterdeck serviced by a heavy king post and boom indicate that this vessel has a repair function. No armament or electronics have been observed.



NPIC L 3587



NPIC L 3588

Photographic References

25X1D



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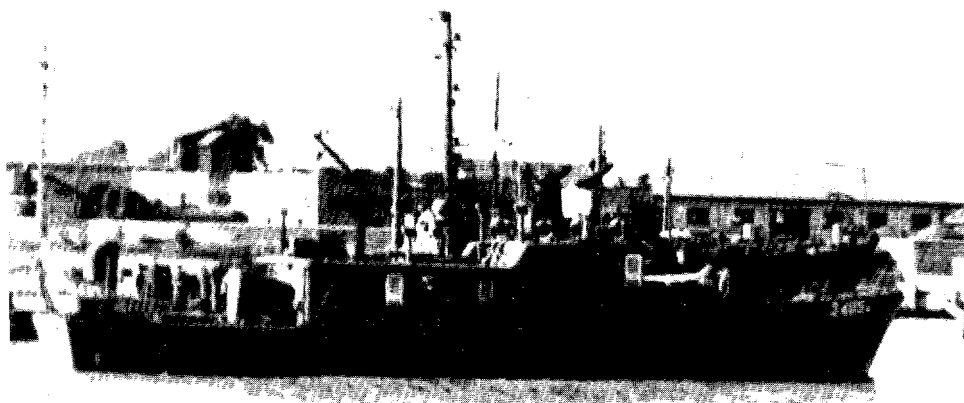
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NO FOREIGN DISSEM

NAME: Lungmen
TYPE: YAG (possible)
LOA: 90 feet (approximate)
BEAM: Unknown

REMARKS

The single unit observed to date was seen at Shang-hai Naval Base Wu-sung. The function of the vessel has not been determined.



NPIC L-3589

Photographic Reference

25X1D



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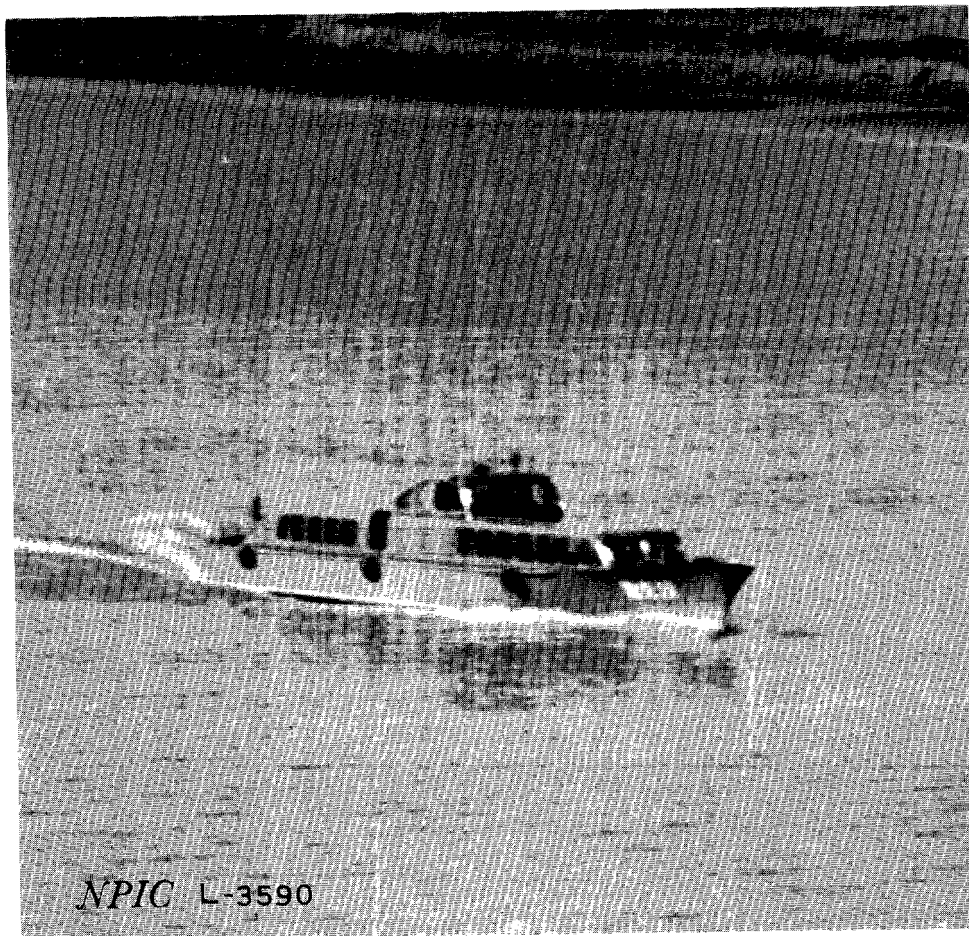
SECRET

NO FOREIGN DISSEM

NAME: Shensi
TYPE: YAG (possible)
LOA: 60 feet (approximate)
BEAM: Unknown

REMARKS

A single unit has been observed to date. The function of the vessel has not yet been determined; however, the cabin size and window arrangement suggest VIP and senior officer transport.



Photographic Reference

25X1D



The following are recently named vessels which
have not yet been incorporated into Naval Ships
of Eastern Asia 1/

SECRET

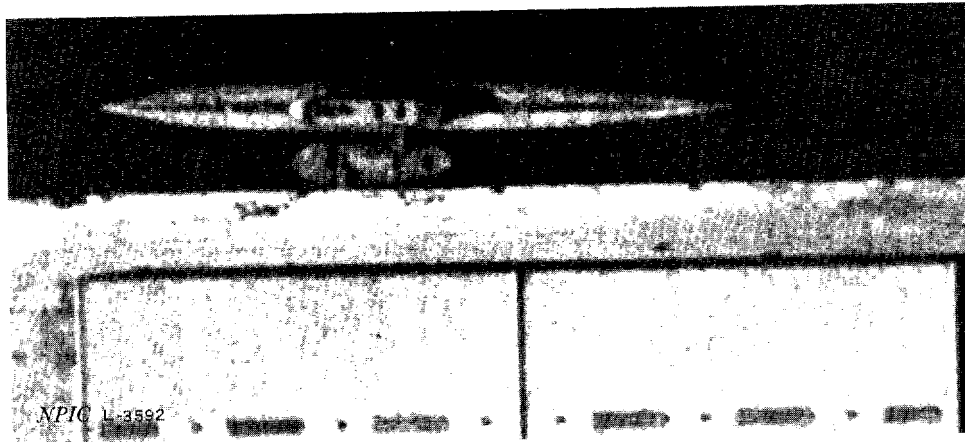
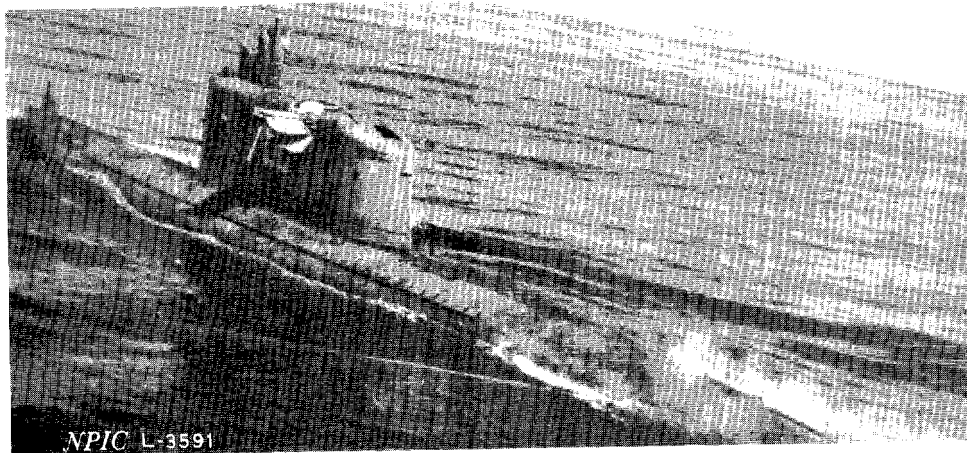
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NO FOREIGN DISSEM

25X1D
NAME: G-class
TYPE: SSB
LOA: 320 feet (approximate)
BEAM: [REDACTED]

REMARKS

A single Chinese Communist unit of this class was constructed/assembled at Lu-ta Shipyard and is based at Hsiao-ping Tao Naval Base. Its recognition features are essentially the same as those of the Soviet G-SSB.



Photographic References

25X1D

SECRET

NO FOREIGN DISSEM

25X1D

NAME: Kiangnan

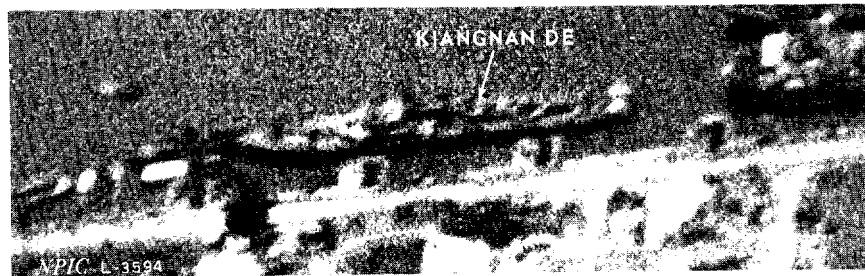
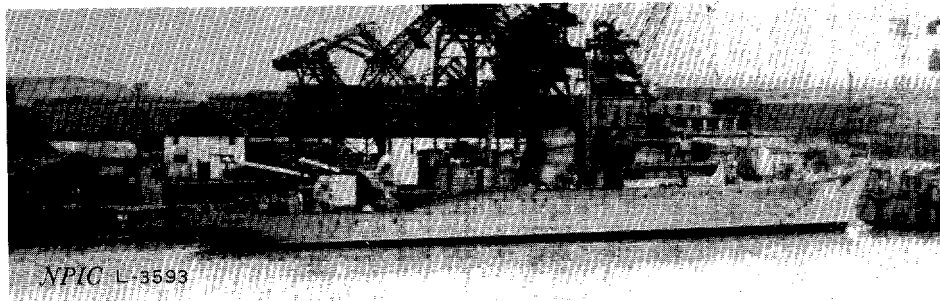
TYPE: DE

LOA: [REDACTED]

BEAM: [REDACTED]

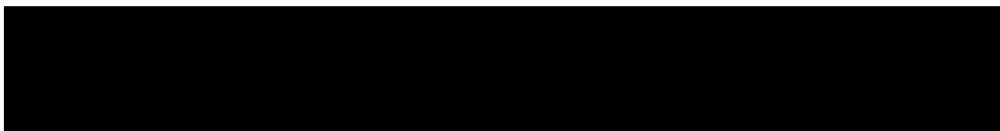
REMARKS

The lead ship of this class was constructed at Shang-hai Shipyard Chiang-nan. At least 4 additional units have been built or are under construction at Kuang-chou Shipyard Tung-lang. The main battery of the Kiangnan DE is three 3.9 inch/56 dual-purpose guns, one mounted forward and 2 mounted aft. Secondary armament is comprised of four 37-mm AA mounts, one on the 0-1 level forward of the bridge, 2 mounted athwartships forward of the stack, and one atop the after deckhouse. To date, no ahead-thrown ASW weapons have been observed on the Kiangnan. Fire control includes a director similar to the WASP HEAD series of Soviet fire control directors. Electronics include a surface search radar similar to the NEPTUNE radar and a possible fire control radar which appears similar to the LONG BOW fire control radar. The presence of whip antennas, wire antennas, and other mast rigging suggests the vessel has the shipboard communications normal for its size and function.



Photographic References

25X1D



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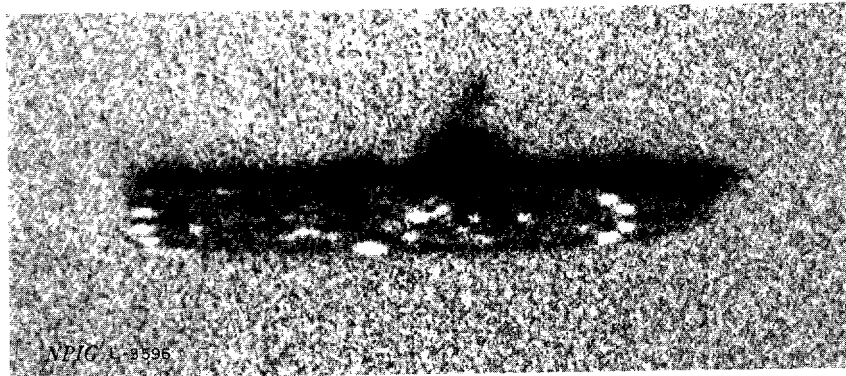
25X1D
NAME: Hainan
TYPE: PC
LOA: 195 feet (approximate)
BEAM: [REDACTED]

REMARKS

At least 2 units of the Hainan class were constructed at Huang-pu Naval Base and Shipyard. The armament on the vessel includes forward and aft probable 37-mm main mounts and forward and aft 25-mm twin-barrel AA mounts atop the after deckhouse. ASW weapons include depth charge racks and, with the exception of 1 unit, probable MBU-1800-type rocket launchers on the bow. The vessel is fitted with a SKIN HEAD radar. The quality of the photography to date precludes identification of other electronics gear.



NPIC L-3595



NPIC L-3595

Photographic References

25X1D



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NAME: Shanghai

TYPE: PTF

25X1D

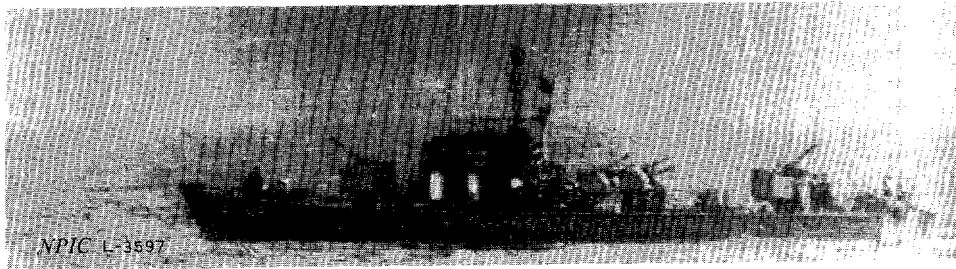
LOA: [REDACTED]

BEAM: [REDACTED]

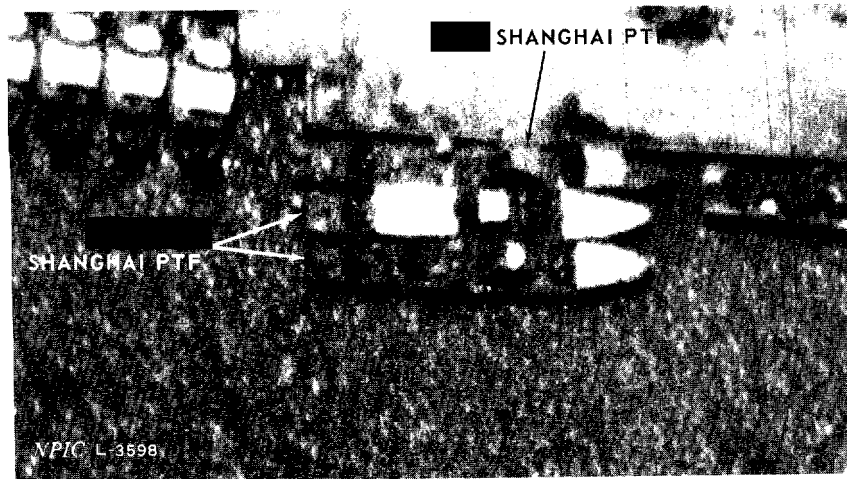
REMARKS

25X1D

Twelve units of a shorter [REDACTED] version of the Shanghai were built prior to mass production of the version shown below. The shorter vessel does not have the two 25-mm AA mounts athwartships aft of the bridge and has been observed with several types of weapons, including a 57-mm main mount forward and torpedo tubes amidships. Thus far no unusual armament arrangements have been observed on the longer version, although more recent photographs show that some of the units are fitted with a slightly modified deckhouse. Electronics include a SKIN HEAD radar and communications antenna.



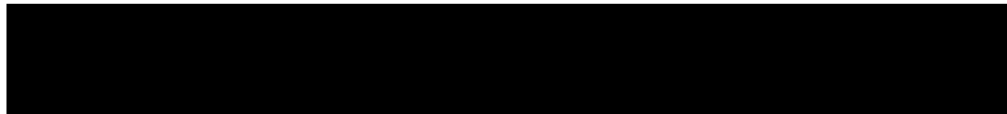
25X1D



25X1D

Photographic References

25X1D



NAME: Huchwan

TYPE: PTH

LOA: [REDACTED]

BEAM: [REDACTED]

25X1D

REMARKS

The Huchwan PTH is Communist China's first operational hydrofoil combatant. Observed in serial production at Shang-hai Shipyard Hu-tung, vessels of this class have been deployed to operating bases in the East and South Sea Fleet areas. The foil arrangement on these units is as follows: A small foil is positioned under the bow, probably to accelerate lifting of the hull, and appears to ride clear of the water once the boat reaches foiling speeds; a larger (main) foil supports the forward portion of the vessel while it is foiling; the stern of the boat planes on the water. Although at least 1 other foil arrangement has been observed, the system described above and shown in the ground photograph is representative of recently photographed units. The armament on the vessel consists of 2 probable 21-inch-diameter torpedo tubes and a possible machine gun turret on the afterdeck. Electronics include a whip antenna and a possible small surface search radar antenna.



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SECRET

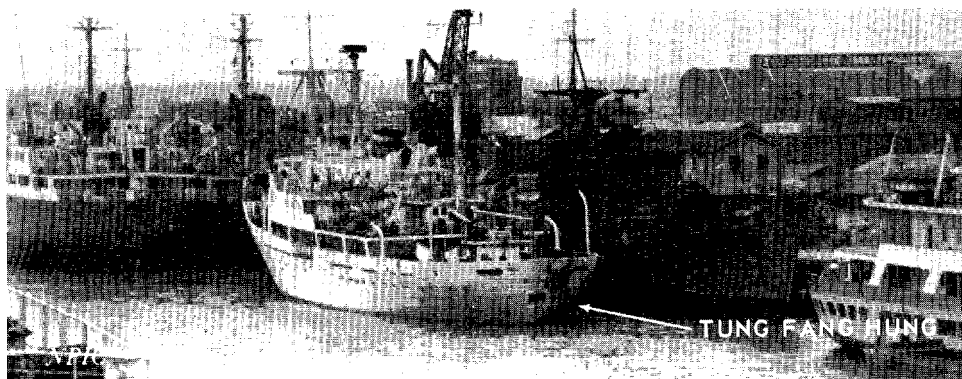
NPIC/R-135/67

NO FOREIGN DISSEM

NAME: Tung Fang Hung
TYPE: AGS
LOA: 280 feet (approximate)
BEAM: 45 feet (approximate)

REMARKS

The single unit that has been observed was built at Shang-hai Shipyard Hu-tung. The vessel has recently been operating from Ching-tao Submarine Base.



Photographic References

25X1D

SECRET

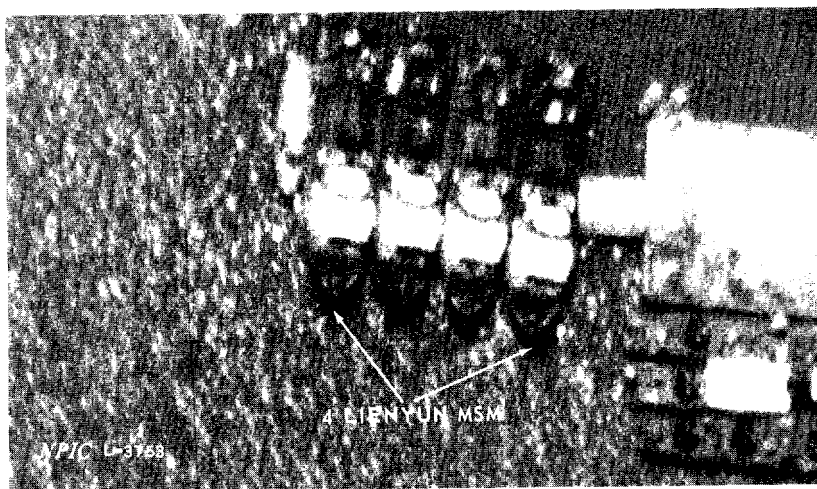
NO FOREIGN DISSEM

NAME: Lienyun
TYPE: MSM
LOA: 105 feet (approximate)
BEAM: [REDACTED]

25X1D

REMARKS

This vessel was serially produced at Shang-hai Shipyard Hu-tung during 1964. It was formerly called the J-class MSA.



Photographic References

25X1D



REFERENCES

PHOTOGRAPHY

25X1C

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REQUIREMENT

NSCID 195-7

NPIC PROJECT

11428/67

25X1C



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