

## LIST OF CHINESE HYDROGRAPHIC SURVEYING VESSELS AND BOATS IN OPERATION (1947)

Name of Ship.....	<i>Chin Tien</i>	<i>Chiao Shan</i>	<i>Tsung Ming</i>	<i>Huai Yin</i>
Displacement .....	680 tons	216 tons	200 tons	120 tons
Draft .....	9.7 ft.	9 ft.	1.8 metres	8 ft.
Age .....	9 years	29 years	12 years	5 years
Speed .....	Max. 10 knots Moderate 8 knots	Max. 9 knots Moderate 7 knots	Max. 6 knots Moderate 5 knots	Max. 10 knots Moderate 8 knots
Crew .....	20 officers and 65 seamen	10 officers and 36 seamen	12 officers and 39 seamen	8 officers and 22 seamen
Dockyard .....	Kiangnan Arsenal	Ma Mei Arsenal	Kiangnan Arsenal	Nifa Factory, Tokyo
Engine .....	Reciprocal Steam Engine	Reciprocal Steam Engine	3 Cylinder Diesel Engine	3 Cylinder Diesel Engine
Boiler .....	Water tube	Water tank		
Horse Power .....	700	185	120	120
Fuel .....	Coal	Coal	Oil	Oil
Fresh Water .....	79 tons	20 tons	9 tons	4 tons

### REMARKS

*Chin Tien.* — During the war all the surveying vessels and boats were sunk by the Japanese. Last winter, 1946, the Admiralty detached a gun-boat *Chin Tien*, of 680 tons, to the Department for hydrographic surveying purposes. The surveying vessel, retaining its original name, has been detailed especially for surveying the channel between Woosung and Kiang-yin section.

*Chiao Shan.* — In March, 1947, the Admiralty again detached to the Department a gun-boat *Chiao Shan*, of 216 tons, which has been christened *Chiao Shan* hydrographic surveying vessel and detached for surveying the channel between Kiukiang and Hankow section. As the vessel was not equipped with a motor-boat on board, the Department detached a motor-boat to be towed by the vessel ready for surveying use.

*Tsung Ming.* — In November of 1947, a hydrographic surveying vessel named *Tsung Ming* has again been detached to the Department for surveying the channel between Anking and Kiukiang section. Owing to no equipment of a motor-boat on board, the vessel has to tow a motor-boat ready for surveying use.

*Huai Yin.* — This vessel belonging to a category of small type transport, built in Tokyo and used by the Japanese especially for plying along Taiwan during the war time, was taken over by the Admiralty on V-j day, and detached to the Department in December, 1946. As its displacement is merely 120 tons, the vessel is therefore designated only for the transportation of the surveying supplies, but sometimes it also performs the surveying duty temporarily in case of one of the vessels being under repairs.

