

STEEL STEAMER OF MOTORSHIP.

40606

State if Report has been sent on the Freeboard of the Vessel No

State if Report is sent on the Machinery of the Vessel Yes

Date of completion of report 13th May, 1931. Port of SHANGHAI No. 3152

Survey held at SHANGHAI Date First Survey 30th July, 1930. Last Survey 6th May, 1931.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Twin Screw Motor Vessel "HO KWANG" (Mchy Aft)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) State Type of Erections

TONNAGE under 536.93
Tonnage Deck...)

CLASS* A1 for river State if with freeboard) No
purposes. as condition of Class)

Built at SHANGHAI

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern post on summer L.W.L. See Ser. 3 (1a) } L 200

Launched 14-2-31. Yard No. 687

Total -

Breadth (greatest moulded) B 32.25

Builders New Eng. & Shipbuilding Works, Ltd.

Gross Tonnage 684.91

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Ser. 3 (1c) D 11.25

Owners Asiatic Petroleum Co. (North China) Ltd.

Register Tonnage 363.63

1st Longitudinal Number (L x D)..... = 2250

Managers -
(Where necessary to be entered in Reg. Book.)

2nd Numeral L x (B + D)..... = 8700

Residence -

REGISTERED DIMENSIONS.

Framing Depth "d." at middle of length. See Ser. 3 (1d) 10.09

Port of Registry SHANGHAI

Length

Proportions—Depth to Length—Uppermost continuous deck to top of keel 17.77

If surveyed while building, afloat, & in dry dock

th

Do. Long Bridge to top of keel } Draught Moulded 9.0

Yes

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
ES, Spacing amidships		22		Bracket Floors, Frame		
" from 1/2 length to Collision } " bulkhead..... }		"		" " Reversed Frame		
" in peaks.....		"		" " Vertical Struts		
FRAMING.				Centre Girder, depth and thickness amidships		
" Amidships, Angle, [or [Bulb 6 3 .30				" " top Angles		
" Elsewhere Bulb 5 1/2 3 .30				" " bottom Angles		
" Extends up to Main Dk.				Side Girders, No. each side and thickness		
" in Bulk Oil Tanks 3 3 .30				Margin Plate depth (excl. of flange) and thickness		
" Reseamed Frame Amidships, Bulb 3 3 .30				" " Vertical Angle to Tank side } " " Bracket abaft 1/2 len. from stem		
" Floors Flanged 3				" " Vertical Angle to Tank side } " " Bracket forward 1/2 len. from stem		
" Extends up to				" " Gussets, spacing and scantling } " " abaft 1/2 len. from stem..... }		
" of Framing Girder.....				" " Gussets, spacing and scantling } " " forward 1/2 len. from stem..... }		
" in Uppermost Continuous 'tween } " Decks, Angle, [or [..... }				Tank Side Brackets, height above base line at toe of Frame and thickness		
" " Second 'tween Decks, Angle, [or [INNER BOTTOM PLATING.		
" " Third " " " "				" Breadth and thickness of Middle Line Strake ...		
" in Peaks, Angle or [Bulb 5 1/2 3 .30				" Thickness of remainder in Holds		
" Number and Spacing of Rivets through Frame and Shell Plating amidships 5/8" 3 3/4"				" Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?		
" If Frame Joggled Yes				BEAMS.		
G ARRANGEMENTS (Sec. 7), state system and particulars)				" Uppermost Continuous Deck, amidships) Bulb 5 1/2 3 .30		
THENING OF BOTTOM FOR- SID. State Particulars				" " in Wells, Angle, [or [
BOTTOM.				" " in way of Bridge, Angle, [or [
" Depth and thickness at mid-line in Holds 14" .30				" " Spacing 22"		
" Height of Brackets at side above base line at toe of frame				Second Deck, amidships, Angle, [or [.....		
" Line Keelson, on Floors, Angles, [or [" Spacing.....		
" " Through Plate or Intercoastal Plate... 30 .30				Third Deck, amidships, Angle, [or [.....		
" " Foundation Plate on Floors 3 3.30				" Spacing.....		
" " Flat Plate Keel Angles				Fourth Deck, amidships, Angle, [or [.....		
" Keelsons, No. each side <u>Two</u> 12" .30				" Spacing.....		
" Rider Plate thickness of Intercoastal Plate... .26				Poop Deck, Angle, [or [.....		
" " Angles <u>Single</u> 2 1/2 2 1/2 .26				" Spacing.....		
BOTTOM.				Bridge Deck, Angle, [or [.....		
" Floors, thickness and spacing				" Spacing.....		
" " Are Frame and Reversed Frame } " " joggled?..... }				Forecastle Deck, Angle, [or [Angle 3 1/2" 2 1/2" .30		
Bracket Floors, breadth and thickness at middle line.....				" Spacing		
" " breadth and thickness at margin plate.....						

OK See Equipment book for A.1 class.

EQUIPMENT No 9534 LETTER ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
18437	1st Bower ...	14	3	7				16	7	3	7	14½			L.I. Wright
18438	2nd "	14	2	0				16	1	1	0	"			"
18440	3rd "	14	3	14				16	7	3	7	"			"
	Collective weight.	44	0	21											
18443	Stream	4	2	14	1	1	7	7	0	0	0	4½			11/9/30 "

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statutory.	Break-ing.	Supplied.		Per Rule.		Length.	Diam.					Fathoms.	Ins.		Fathoms.	Ins.
45310																			
45311	195	1-1/8	22	3/8	129	2-11	126		195	1-1/8					75	8½"		75	8½"
45312															90	2½"	13.2	90	2½"
45313															90	4½"		90	4½"
Iron Stream Chain or Steel Wire	60	3	18.6						60	3	6/12	Garnock							

Steering Gear, Steam **Yes** Steering Gear, Hand **Yes**
 2 Life Boats 21'0" x 7'0" Tons Cwts.
 Boats 2 Sampan 18'0" Steering Chains, Size and Test 15/16" 10 10 Windlass Steam 7" x 8"
 Ceiling in Holds, thickness and material 3/16" Flanged Plates Cargo Battens, thickness, material and spacing 3" x 1" Cope 8"
 Cargo Hatchways.—(Upper Deck) **Seven** Thickness of Hatches No.1 2½" O.P. Remainder .26 Steel
 Size of No. 1 Hatchway (Forward) P 11'x8' No. 2 S 11'x8' No. 3 S 11'x8' No. 4 S 11'x8' No. 5 No. 6
 Number of Shifting Beams and/or Fore and Afters 3 Shifting Beams in No.1 Hatch 12"x.30 double angles 3'x 3'x.32"

THE NEW ENGINEERING AND SHIPBUILDING WORKS, LTD.

Builder's Signature *A.P. Beechey*

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel **Yes** (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo **Oil Tanker** The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

Cargo oil is carried in Forward port and starboard tanks, centre and after tanks.
 Oil fuel carried in cross bunker between pump room and machinery space. Flash point of fuel oil above 150°F.
 This vessel has been built in accordance with the Rules and to the approved plans.
 The materials so far as can be ascertained have been found sound and the workmanship good.
 It is Recommended that this vessel be classed in the Register Book * A1 "For river service", "Carrying petroleum in bulk", Fitted for oil fuel 5,31, F.P. above 150°F."

*See endorsement
 date 31.7.30 + app
 Mr. J. Brooke Smith*

The amount of Entry Fee\$ 65.00 : Fees applied for, 8-5- 1931.
 Special Survey Fee.....\$ 3700.00 : Received by me, I am of opinion the Vessel should be Classed * A1 For river service, carrying petroleum in bulk, Fitted for oil fuel 5,31, F.P. above 150°F.
 Travelling Expenses, if any \$ 130.00 : 12-5- 1931.
 Special Attendance \$ 60.00
 State whether the Vessel has been built under Special Survey **Yes** Signature *J. Brooke Smith*
 Certificate to be sent to *sent to* SHANGHAI *Wichy to* *Wichy to* Date of issue 29/6/31. Surveyor to Lloyd's Register of Shipping.

Committee's Minute **FRI. 26 JUN 1931**
 Character assigned **+ A1**
*For Service on the Yangtze River,
 Draught not to exceed 9ft.
 Carrying petrol. in Bulk and
 Petroleum products.*

write to Lloyd's A & C.P.



GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Particulars of **Drop Test** of Cast Steel Anchors, viz. :—
 Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower
 2nd "
 3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 8 ft.
 (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) **One Steel Deck**

Official No. : Signal Letters Is bottom of Vessel coated with cement **No** if not give particulars of composition **Part Bitumastic**

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	9'-8"	38
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted, Trimming Tank Forward 11'-0"		40
		Total capacity of double bottom	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. _____
 Date _____

Dates of Surveys held while building

30-7-30, 8-9-30, 9-9-30, 23-9-30, 26-9-30, 1-10-30, 4-10-30, 7-10-30,
 9-10-30, 15-10-30, 20-10-30, 24-10-30, 28-10-30, 5-11-30, 11-11-30, 17-11-30,
 19-11-30, 20-11-30, 24-11-30, 26-11-30, 1-12-30, 5-12-30, 10-12-30, 16-12-30,
 19-12-30, 27-12-30, 31-12-30, 6-1-31, 10-1-31, 17-1-31, 20-1-31, 26-1-31,
 30-1-31, 2-2-31, 4-2-31, 12-2-31, 14-2-31, 19-2-31,
 28-2-31, 14-3-31, 23-3-31, 27-3-31, 15-4-31, 22-4-31, 25-4-31, 6-5-31.

Total No. of Visits **46**