

STEEL STEAMER or MOTORSHIP.

21 JUL 1926

Received at London Office

State if Report has been sent on the Freeboard of the Vessel

Yes

State if Report is sent on the Machinery of the Vessel

Yes

Date of completion of report 24th May, 1926

Port of

Shanghai

No. 2363

Survey held at Shanghai

Date First Survey

13th March 1925

Last Survey

8th May, 1926

1926

On the (State if Machinery Fitted Aft and (if Single, Twin, or Triple Screw) STEEL TWIN SCREW M/V "HAI KWANG" MACHINERY FITTED AFT

State Type

(Full, Semi, or Complete Superstructure with or without Tonnage Openings)

Awning Deck

State Type of Erections

Deck House closed

TONNAGE under Tonnage Deck

827.75

CLASS +100A1

State if with freeboard as condition of Class

Yes

Built at

Shanghai

Launched

4th Jan, 1916

Yard No. 568

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 Sec. 3 (1a)

L 190' 0"

Breadth (greatest moulded)

B 32' 0"

Builders

Kew Engineering Shipbuilding Works

Total

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

D 17' 6 1/2"

Owners

The Anglo Saxon Petroleum Co. Ltd.

Gross Tonnage

898.62

Register Tonnage

500.91

1st Longitudinal Number (L x D)

= 42.62

Managers

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

2nd Numeral L x (B + D)

= 8098

Residence

REGISTERED DIMENSIONS.

FEET.

Length

190' 0"

Framing Depth "d," at middle of length. See Sec. 3 (1d)

190

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

17' 6 1/2" = 10' 7 1/8"

Port of Registry

Shanghai

If surveyed while building, afloat, or in dry dock

White Building

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.
AMES, Spacing amidships	24"	✓	Bracket Floors, Frame		
" " from 1/2 length to Collision bulkhead	24"	✓	" " Reversed Frame		
" " in peaks AFTER PEAK	22 1/2"	✓	" " Vertical Struts		
FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, E or [B.A.	5 1/2" x 3" x 30"	✓	" " top Angles		
" " Extends up to MAIN DK		✓	" " bottom Angles		
Frame Amidships, Angle	3" x 3" x 30"	✓	Side Girders, No. each side and thickness		
" " Extends up to TURN OF BILGE		✓	Margin Plate depth (excl. of flange) and thickness		
Framing Girder			" " Vertical Angle to Tank side		
in Uppermost Continuous 'tween Decks, Angle, [or [3" x 3" x 30"	✓	Bracket abaft 1/2 len. from stem		
Second 'tween Decks, Angle, [or [" " Vertical Angle to Tank side		
Third " " " "			Bracket forward 1/2 len. from stem		
in Peaks, Angle [ANGLE	5" x 3" x 32"	✓	Gussets, spacing and scantling abaft 1/2 len. from stem		
and Spacing of Rivets through Shell Plating	3/4" @ 4 1/2"	✓	" " Gussets, spacing and scantling forward 1/2 len. from stem		
Frame Joggled	JOGGED	✓	Tank Side Brackets, height above base line at toe of Frame and thickness		
ARRANGEMENTS (Sec. 7), state system and particulars	STRINGER BEAMS BY ORLOP DK	✓	INNER BOTTOM PLATING.		
FINING OF BOTTOM FOR.	FRS DOUBLE TURN OF BILGE	✓	Breadth and thickness of Middle Line Strake		
FTOM.			Thickness of remainder in Holds		
Depth and thickness at mid-line in Holds	16" x 32"	✓	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?	5" x 3" x 38"	✓
Height of Brackets at side above base line at toe of frame	32"	✓	BEAMS.		
Keelson, on Floors, Angles, [or [ANGLE	4" x 3" x 36"	✓	Uppermost Continuous Deck, amidships		
" " Through Plate or Intercoastal Plate	21" x 36"	✓	" " in Wells, Angle, [or [
" " Foundation Plate on Floors	12" x 36"	✓	" " in way of Bridge, Angle, [or [ANGLE	4" 2 1/2" x 34"	✓
" " Flat Plate Keel Angles	3 1/2" x 3 1/2" x 40"	✓	Spacing	24"	✓
ns, No. each side TWO			Second Deck, amidships, Angle, [or [ANGLE	5" x 3" x 32"	✓
thickness of Intercoastal Plate	32"	✓	Spacing	24"	✓
Angles B.A.	7" x 3" x 40"	✓	Third Deck, amidships, Angle, [or [
SE BOTTOM.			Spacing		
Floors, thickness and spacing	3" x 24"	✓	Fourth Deck, amidships, Angle, [or [
" " Are Frame and Reversed Frame joggled? N/A. Yes	3" x 3" x 3"	✓	Spacing		
Bracket Floors, breadth and thickness at middle line	NONE	✓	Poop Deck, Angle, [or [
" " breadth and thickness at margin plate	21" x 44"	✓	Spacing		
			Bridge Deck, Angle, [or [
			Spacing		
			Forecastle Deck, Angle, [or [
			Spacing		

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PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	THREE	✓	Stringer Plate, breadth and thickness in way of Bridge	34x32	✓
" in 'tween Decks, Size and Spacing.....	3x³/₈TUBE 24"	✓	Thickness of Plating abreast Deck openings) in way of Wells		
" " " " "			Thickness of Plating abreast Deck openings) in way of Bridge	30	✓
" in Holds " "	3½x³/₈TUBE 24"	✓	If Sheathed, material and thickness		
" " " " "			Third Deck.		
Centre Line Bulkhead.			Stringer Plate, breadth and thickness.....		
Stiffeners and Spacing.....	6x3x32 24"	✓	If Plated, state thickness.....		
Plating, thickness of	BOTTOM 42"	✓	Fourth Deck.		
	REST 30"	✓	Stringer Plate, breadth and thickness.....		
STRINGERS AND DECKS.			If Plated, state thickness		
Uppermost Continuous Deck.			Poop Deck.		
Stringer Plate, breadth and thickness in Wells			Stringer Plate, breadth and thickness		
" " " " in way of Bridge	34x38	✓	Plating, Sheathing, material and thickness ...		
" Angle in Wells	3x3x42	✓	Bridge Deck.		
Thickness of Plating abreast Deck openings) in way of Wells			Stringer Plate, breadth and thickness.....		
Thickness of Plating abreast Deck openings) in way of Bridge	30	✓	Plating, Sheathing, material and thickness ...		
If Sheathed, material and thickness		✓	Forecastle Deck.		
Second Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells...			Plating, Sheathing, material and thickness ...		

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—			
Extending to ^{Running} Upper Deck (Sec. 3 c)		THREE ✓	
,, Deck next below		3 WT 9 8 0 T	
As per Rule		THREE	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Tween decks...	24"	3 1/2" x 30"	30"	-	-
" " "	"	"	"	"	"
" " "	"	"	"	"	"
" " "	"	"	"	"	"
" " "	"	"	"	"	"
" " "	"	"	"	"	"
" " "	"	"	"	"	"
" " Holds	30"	5 1/2" x 30"	24" ✓		
COLLISION " (in Hold)	30"	BA " "	24"		
AFTER PEAK " "	30"	5 1/2" x 32"	24" 1)	-	-

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	FORGING	6'40 7/8	N. F. W.	
STERN FRAME { Propeller Post				
{ Rudder ..	FORGING	6 1/2 x 2	N. E. W.	✓
RUDDER—A x D		100 FT. 3	✓	
Speed of Vessel		9 1/2 Kts		
RUDDER mainpiece at head ...		5 1/2 "	✓	
" " heel ...		4 3/8 "	✓	
" how constructed	FORGING		N. E. W.	✓
" double or single plate	SINGLE	74 "	✓	
" coupling, vertical or horizontal	HOR	✓		

STEEL.

Manufacturer's name or trade mark of the Steel used in the construction of the Vessel (state process of manufacture). *The Cargo Fleet Iron Co Ltd.*
In Section Plates by The South Durham Steel & Iron Co
Opus 44216.
Has the Steel been tested as required by the Rules? *Yes.*

EQUIPMENT No. 9218-5										LETTER K		921 ANCHORS. 3 B 1 S				
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.				
	1st Bower ...	19	1	4	Stockless			20	1	3	14	19	✓	STOCKLESS	S. Taylor & Son	Lipton 20-3-25
	2nd „ ...	19	1	24	„			20	6	1	0	19	✓	„	„	H.A. Kryedale
	3rd „ ...	16	2	21	„			17	18	1	21	16 1/2	✓	„	„	„
	Collective weight.	55	1	21								54 1/4	✓		„	„
	Stream	5	2	0	1	1	14	7	16	1	0	5 1/4	✓	ORDINARY	„	„

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.	Stain- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Length.		Cir.		
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.	Fathoms.					Ins.	Fathoms.		Ins.		
	210 ³ / ₄	1 ⁵ / ₁₆	31	46 ¹ / ₂	188-3-11	185-2-0	210	1 ⁵ / ₁₆	STUD	S. Taylor & Son	Lipton 26-3-25	TOWLINE ...	90	3	18	90	3		
											H.A. Kryedale	HAWSERS & WARPS	90	6		90	6		
											Liverpool	"	90	5		90	5		
Iron Stream Chain or Steel Wire	60	3 ¹ / ₄		22			60	3 ¹ / ₄	S.W.	W.B. Brown & Co	30/9/25	"							

Steering Gear, Steam *6x6 VERTICAL JOHN HASTIE & CO.* Steering Gear, Hand *SCREW GEAR FITTED DIRECT OVER STEAM GEAR*

Boats *1 @ 22'6" x 7'6" x 2'8" = 28 P* Steering Chains, Size and Test *TELE MOTOR CONTROL* Windlass *8 1/2 x 9" STEAM BY EMERSON WALKER & CO*
1 @ 22'5" x 7'5" x 2'8" = 28 P

Ceiling in Holds, thickness and material *3/16" M.S. PLATES* Cargo Battens, thickness, material and spacing *2 1/2 x 3/8" M.S. COPE*

Cargo Hatchways.-(Upper Deck) *1 FORWARD & 1 AMIDSHIPS* Thickness of Hatches *3" OREGON PINE*

Size of No. 1 Hatchway (Forward) *20' x 8'* No. 2 *20' x 8'* No. 3 *—* No. 4 *—* No. 5 *—* No. 6 *—*

Number of Shifting Beams and/or Fore and Afters *2 SHIFTING BEAMS AND 1 FORE & AFTERS EACH HATCH.*

THE NEW ENGINEERING AND
SHIPBUILDING WORKS, LTD.

Builder's Signature

C. Slivner

MANAGING DIRECTOR.

GENERAL DECLARATION *This vessel has been built under special survey in accordance with the approved plans and the Rules. The material and workmanship are good and in my opinion, the vessel is eligible for the notation of +100A1 Awaiting Deck with freeboard 5.26. Carrying Petroleum in Bulk in the Register Book.*

Freeboard
The amount of Entry Fee *\$32.00*
Special Survey Fee.... *\$2160.00*
Travelling Expenses, if any *\$100.00*

Fees applied for,
11.5. 1926
Received by me,
8.5.26

I am of opinion the Vessel should be Classed *+100A1 Awaiting Deck with Freeboard.*
Carrying petroleum in bulk

State whether the Vessel has been built under Special Survey

Signature

J. M. Boylan

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Shanghai Office* Date of issue *21/9/26*

Committee's Minute

FRI. 6 AUG 1926

Character assigned

No action

TUES. 21 SEP 1926

+1- 100A1 on Shi Rpt 2404
awaiting dk with fbd
carrying petroleum in bulk
Lloyd's AACP

Line 5.26 Oil Engines

O.G.

1 DB-1601b

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Write 5/26

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