

## STEEL STEAMER or MOTORSHIP.

Received at London Office 25 FEB 1930

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

Survey held at *Goole*

Date First Survey

Port of

No.

On the

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

State Type of Erection

TONNAGE under Tonnage Deck... *443.98*CLASS *\*100A1*

State if with freeboard as condition of Class

FEET.

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

Total

Gross Tonnage

Register Tonnage

## REGISTERED DIMENSIONS.

FEET.

Length

Breadth

Depth

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

Breadth (greatest moulded)

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

1st Longitudinal Number (L x D)

2nd Numeral L x (B + D)

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

Proportions—Depth to Length—Uppermost continuous deck to top of keel Do. Long Bridge to top of keel

Draught Moulded

Built at

Launched

Builders

Owners

Managers

Residence

Port of Registry

If surveyed while building, afloat, or in dry dock

while building &amp; afloat.

## 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.
FRAMES, Spacing amidships	22		Bracket Floors, Frame	5 3 .50	
" " from 1/2 length to Collision bulkhead	22		" " Reversed Frame	5 3 .50	
" " in peaks	22		" " Vertical Struts	5 3 .50	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	30 .28	
Frame Amidships, Angle [	5 3 .30		" " top Angles	3 3 .34	
" " Extends up to	deck		" " bottom Angles	3 3 .38	
Reversed Frame Amidships, Angle	3 3 .28		Side Girders, No. each side and thickness	one .28	
" " Extends up to	across floors		Margin Plate depth (excl. of flange) and thickness	20 .32	
Depth of Framing Girder	5 1/2		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 3 .38	
Frames in Uppermost Continuous 'tween Decks, Angle, [ or [			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	5 5 .35	
" " Second 'tween Decks, Angle, [ or [			" " Gussets, spacing and scantling abaft 1/2 len. from stem	none	
" " Third " " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem	"	
Framing in Peaks, Angle [	5 3 .30		Tank Side Brackets, height above base line at toe of Frame and thickness	36 .30	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 3 1/2		INNER BOTTOM PLATING.		
State if Frame Joggled	no		Breadth and thickness of Middle Line Strake	40 .34	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Deep frames W.T. flat in Peak Brim. lists in hold. addl. intercostal 1/2 ht. 5 x 5 .35		Thickness of remainder in Holds	30 .28	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	midship this 6 in. plating closer riveting.		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?	yes	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	18 1/4 1/4		Uppermost Continuous Deck, amidships	5 3 .32	
Height of Brackets at side above base line at toe of frame			" " in Wells, Angle, [ or [	5 3 .30	
Middle Line Keelson, on Floors, Angle, [ or [	10 x 3 1/2 .50		" " in way of Bridge, Angle, [ or [		
" " Through Plate or Intercostal Plate	48		Spacing	every	
" " Foundation Plate on Floors			Second Deck, amidships, Angle, [ or [		
" " Flat Plate Keel Angles	3 1/2 3 1/2 .50		Spacing		
Side Keelsons, No. each side	one		Third Deck, amidships, Angle, [ or [		
" " thickness of Intercostal Plate	39		Spacing		
" " Angles	3 3 .40		Fourth Deck, amidships, Angle, [ or [		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	28 44		R.Q. Deep Deck, Angle, [ or [	5 3 .30	
" " Are Frame and Reversed Frame joggled?	Yes		Spacing	every	
Bracket Floors, breadth and thickness at middle line	22 1/2 .28		Bridge Deck, Angle, [ or [	5 3 .32	
" " breadth and thickness at margin plate	22 1/2 .28		Spacing	alternate	
			Forecastle Deck, Angle, [ or [	6 3 .36	
			Spacing	alternate	



## 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.
<b>PILLARS</b> , No. of Rows.....	one								
"    in 'tween Decks, Size and Spacing.....	24 x 2 3/8								
"    "    "    "    "    "									
"    in Holds    "    "	Built Pillars 2 BAS. 8 1/2 x 3 1/2								
"    "    "    "    "    "	deep brackets								
<b>Centre Line Bulkhead.</b> Stiffeners and Spacing.....									
Plating, thickness of .....									
<b>STRINGERS AND DECKS.</b> <b>Uppermost Continuous Deck.</b> Stringer Plate, breadth and thickness in Well	63	48							
"    "    "    "    in way of Bridge									
"    Angle in Well	3 1/2	3 1/2	46						
Thickness of Plating abreast Deck openings in way of Wells .....									
Thickness of Plating abreast Deck openings in way of Bridge .....	.30								
Thickness of Plating within line of openings...	.30								
If Sheathed, material and thickness .....									
<b>Second Deck.</b> Stringer Plate, breadth and thickness in Wells...									
Stringer Plate, breadth and thickness in way of Bridge .....									
Thickness of Plating abreast Deck openings in way of Wells .....									
Thickness of Plating abreast Deck openings in way of Bridge .....									
Thickness of Plating within line of openings...									
If Sheathed, material and thickness .....									
<b>Third Deck.</b> Stringer Plate, breadth and thickness.....									
If Plated, state thickness.....									
<b>Fourth Deck.</b> Stringer Plate, breadth and thickness.....									
If Plated, state thickness .....									
<b>P.O. Deck.</b> Stringer Plate, breadth and thickness .....	38	34							
Plating, Sheathing, material and thickness ...	30	Steel							
<b>Bridge Deck.</b> Stringer Plate, breadth and thickness.....	30	26							
Plating, Sheathing, material and thickness ...	5 1/2	P.P.							
<b>Forecastle Deck.</b> Stringer Plate, breadth and thickness.....	28	26							
Plating, Sheathing, material and thickness ...	2 1/2	5 x 3 P.P.							

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.	
FLAT PLATE KEEL .....	39	46	44	44		double	3/4 3/4 3/4	three	3/4	298	strapped
"    DBLG. (if any)											
BOTTOM PLATING, No. of Strakes .....		36	36	32		double	" "	two	"	"	lapped
BILGE PLATING, No. of Strakes .....		36	32	34		"	" "	"	"	"	"
SIDE PLATING, No. of Strakes .....		36	32	32		single	" "	"	"	"	"
UPPER DECK, Sheer-strake in Well .....	45		46	32		"	3/4 + 7/8	three to two	"	"	"
UPPER DECK, Sheer-strake in Bridge ...	55	40	36	32		single	3/4	four at break	"	"	"
STRAKE BELOW Sheer-strake in Well .....			36			"	"	two	"	"	"
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING .....											
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING			26			single	"	one	"	"	lapped

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>	
Extending to Upper Deck (Sec. 3 c)	3
"    Deck next below	1
As per Rule.	3

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKH'D</b> , Upper tween decks					
"    "    Second					
"    "    Third					
"    "    Holds	30	40-26	7 x 3 x 36 L	30	
<b>COLLISION</b> (in Hold)	85	40-30	4 x 3 x 30 L	24	
<b>AFTER PEAK</b>	5	50-30	6 x 3 x 36 L	24	

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL</b> , bar .....	Plate			
<b>STEM</b> .....	rolled	6 1/2 x 1 1/8	Industrial Steel Co.	
<b>STERN FRAME</b> { Propeller Post .....	forging	6 x 3 3/4	Forster	
{ Rudder .....	"	5 3/4 x 3 3/4	"	
<b>RUDDER—A x D</b> .....		104 x 2		
<b>Speed of Vessel</b> .....	under 10 knots	1		
<b>RUDDER</b> mainpiece at head	forging	5"	Forster	
"    "    heel		3 3/4"		
"    how constructed	forged & built			
"    double or single plate	single	86		
"    coupling, vertical or horizontal .....	horizontal			

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) open hearth process  
 Cargo Fleet S. Co. Ltd.; Bolckow Vaughan & Co. Ltd.; Gutehoffnungshütte, Oberhausen,  
 Henschel & Sohn, Hattingen-Ruhr; Mannesmannröhren, Hückingen  
 Has the Steel been tested as required by the Rules? Yes.



EQUIPMENT No. <u>8140</u>										LETTER <u>J</u>		ANCHORS.			
Number of Certificate.	Anchor.	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.			
<i>Presented</i> 17698	1st Bower ...	17	3	14		✓		18	18	0	0	16 <sup>3</sup> / <sub>4</sub>	Martins Stills.	not stated	Eff: 3/1/29: Jones.
" 17699	2nd „ ...	17	1	21		✓		18	12	0	0	16 <sup>3</sup> / <sub>4</sub>	" "	" "	" " "
" 17700	3rd „ ...	14	3	7		✓		16	6	0	0	14 <sup>1</sup> / <sub>2</sub>	" "	" "	" " "
	Collective weight	50	0	14								48			
" 17701	Stream .....	5	3	0	1	1	21	8	0	0	0	14 <sup>3</sup> / <sub>4</sub>	Common	" "	" " "

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.		
					Station.	Break- ing.												Supplied.
	Fathoms.	Ins.	Tons.	Tons.	Gwts.	qrs.	lbs.	Gwts.	Fathoms.	Ins.			Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
32107	210	1 1/2	28 1/8	42 1/8	170.	3.	21	168	210	1 1/2	Steel not stated	Off: 1/1/29: Jones	TOWLINE	75	2 1/4	15 1/2	75	2 3/4
Iron Stream Chain or Steel Wire	60	3	18						60	3			HAWSERS & WARPS	90	6		90	6

Steering Gear, Steam *Efficient*      Steering Gear, Hand *Efficient*  
Boats *two, good*      Steering Chains, Size and Test *3/4" dia. 10.2.2.0*      Windlass *Efficient*  
Ceiling in Holds, thickness and material *2 1/2" W.P.*      Cargo Battens, thickness, material and spacing *not fitted*  
Cargo Hatchways.-(Upper Deck) *Steel Coamings. No. 1, 3'-6" x 4'-2" / May 23rd 1898. " 2, 3'-0" x 4'-2"*      Thickness of Hatches *2 1/2"*  
Size of No. 1 Hatchway (Forward) *3'-6" x 17'-6"*      No. 2 *3'-2" x 17'-6"*      No. 3      No. 4      No. 5      No. 6  
Number of Shifting Beams *and for Fore and Afters* *No. 1, 6 beams. plate 15' x 3 1/2", bars, 4 x 3 x 4 1/2", No. 2, 6 beams. ditto.*  
*For THE GOOLE SHIPBUILDING & REPAIRING CO. LTD.*  
Builder's Signature *R. J. J. J.*

GENERAL DECLARATION *This vessel has been built in accordance with the approved plans and instructions and in conformity with the Rules for the class contemplated.*  
*The materials and workmanship are satisfactory.*  
*A freeboard has been assigned and the marks on the vessel's sides verified.*  
*The double bottom and peak tanks have been tested with water pressure in accordance with Rule requirements and found satisfactory.*  
*The decks, casings, steering gear, windlass etc have been tested and found satisfactory.*

The amount of Entry Fee ..... £ <i>4 : 0 : 0</i>	Fees applied for, <i>24 Feb 1930</i>	<i>asm</i>	I am of opinion the Vessel should be Classed <i>+100A1</i>
Special Survey Fee .... £ <i>67 : 2 : 0</i>	Received by me, <i>13.3.1930</i>		
<i>Freeboard</i> £ <i>3 : 6 : 8</i>			
Travelling Expenses, if any £ <i>3 : 11 : 7</i>			
State whether the Vessel has been built under Special Survey <i>Yes.</i>	Signature <i>M. Malcolm</i>	Surveyor to Lloyd's Register of Shipping.	
Certificate to be sent to <i>Hul</i>	Date of issue <i>14/3/30</i>		

Committee's Minute *FRI. 28 FEB 1930*  
Character assigned *+ 100A1*  
*Lloyd's Assoc. + Lmb 2.30*  
*Write Hull*  
*Cargo Battens not fitted*  
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TUE. 11 MAR 1930  
002442-002448-0194 2 1/2



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.)

The following repairs were recommended and carried out on account of Damage stated due to a Yard Derrick having fallen on the vessel's starboard quarter on July 24<sup>th</sup> 1929, whilst the vessel was on the Stocks:—  
Mizzen mast renewed; wood deck in way made good.  
Galley skylight & foundation bar removed & refitted, plating in way faired in place.  
Casing top plate and 2 beams removed & refitted & minor repairs effected.

The following plans are forwarded herewith:—

Midship Section (Approved)  
Profile & Deck S.  
Joining plans (2)  
Strengthening forward & }  
Stiffening in way of bridge }  
Joining Reports (3)  
Steel Invoices.  
Pumping Arrangement. Rudder Post Fins.

The keel of this vessel was laid in August 1925 when she was intended for stock purposes, and has been under survey, from time to time, since that date.

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. 101.33 ft., Bridge 11.0 ft., Forecastle 23.0 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. R.Q.D. & Bae are joined.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 Deck (Plt)

Official No. 148319; Signal Letters

Is bottom of Vessel coated with cement Yes if not give particulars of composition

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, nos	53.3	82.0	Fore peak tank,	19.0	43.0
Double bottom, under Engines and Boilers,	✓		After peak tank,	9.0	30.5
Double bottom, if under Engines only,	✓		Deep tank, aft,	✓	
Double bottom, if under Boilers only,	✓		Deep tank, forward,	✓	
Double bottom, forward, nos	53.3	68.0	Other tanks, if fitted,	✓	
Total capacity of double bottom		150.0	(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. 2808

Date 20 July 1925.

Dates of Surveys held while building

1925: June 24. July 9. Aug 19. Nov 4. 13. Dec 19. 16. 1926: Jan 6. Apr 12. Jun 18.  
Oct 26. 1927: Jan 28. Mar 11. 24. 30. Apr 13. 29. May 6. 13. June 1. 13. 21. 28.  
Aug 11. 1928: Jan 16. 30. Mar 1. July 26. Aug 9. 28. Sept 25. 1929: May 16. 29.  
1930: Jan 6. 15. 16. 21. 27. 31. Feb 10.

Total No. of Visits 40.