

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

Date of completion of report

17 Feb 1930.

Port of

HULL

No.

40672.

Survey held at

Goole

Date First Survey

29 May 1929

Last Survey

11 February 1930.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Steel Single Screw 4 Mast Sch.

HOLME FORCE

Incl. aft.

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

Full Scantling

State Type of Erections

Fcl, Bdx & R.Q. Dk.

TONNAGE under Tonnage Deck...

839.88

CLASS

+100A1

State if with freeboard as condition of Class

20

Built at

Goole

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

839.88

Total

Gross Tonnage

1216.26

Net Tonnage

644.70

REGISTERED DIMENSIONS. FEET.

216.0

34.2

13.6

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

L 215'-0"

Breadth (greatest moulded)

B 34'-0"

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

D 15'-9"

1st Longitudinal Number (L x D)

= 3386

2nd Numeral L x (B + D)

= 10696

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

4.0 Dk 13.40

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

4.0 Dk 17.35

Do. Long Bridge to top of keel

4.0 Dk 15.83

Draught Moulded

14'-11"

Launched Dec. 19th 1929 Yard No. 286

Builders Goole Shipbuilding & Repairing Co. (1927) Ltd.

Owners West Coast Shipping Co. Ltd.

Managers W.S. Kennan & Co.

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

Residence Liverpool.

Port of Registry Whitehaven

If surveyed while building, afloat, or in dry dock

while building, afloat & in dry dock.

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.
S, Spacing amidships	22 1/2		Bracket Floors, Frame		
" from 1/2 length to Collision bulkhead	18		" " Reversed Frame		
" in peaks	18		" " Vertical Struts		
FRAMING. R.Q. Dk.			Centre Girder, depth and thickness amidships	3 1/2	40
Amidships, E or F	6 1/2	3.38	" " top Angles	3	3.36
" Extends up to	deck		" " bottom Angles	3	3.40
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	one	.30
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	22	3 1/4
h of Framing Girder	6 1/2		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	3	3.30
ues in Uppermost Continuous 'tween Decks, Angle, E or F			" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	3	3.30
" Second 'tween Decks, Angle, E or F			" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" Third " " " "			" " Gussets, spacing and scantling forward 1/4 len. from stem		
ning in Peaks, Angle or F	5	3.30	Tank Side Brackets, height above base line at toe of Frame and thickness	40 x 3 1/2 x 3/4	
meter and Spacing of Rivets through Frame and Shell Plating amidships	3/4	5/4	INNER BOTTOM PLATING.		
e if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake	41	40
ING ARRANGEMENTS (Sec. 7), state system and particulars	Deep frames. Back bars to fore peak frames. Banting stringer. Lower deck beams. Bottom frames 4 1/2 x 4 1/2 x 30. Increased shell thickness Rule 10 1/2. Closer riveting.		Thickness of remainder in Holds	35	Rule 30
NGTHENING OF BOTTOM FORWARD. State Particulars			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	
LE BOTTOM.			BEAMS.		
ors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, E or F	3 1/2	3.30
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, E or F	5	3.30
dle Line Keelson, on Floors, Angles	12	3 1/2 x 50	Spacing	every	
" " Through Plate or Intercoastal Plate	40	50 in B.S.	R.Q.		
" " Foundation Plate on Floors			Second Deck, amidships, Angle, E or F	3 1/2	3.30
" " Flat Plate Keel Angles	3 1/2	3 1/2 x 46	Spacing	every	
e Keelsons, No. each side	one		Third Deck, amidships, Angle, E or F		
" thickness of Intercoastal Plate	8	3.50	Spacing		
" Angles	3	3.43	Fourth Deck, amidships, Angle, E or F		
DOUBLE BOTTOM.			Spacing		
olid Floors, thickness and spacing	30	every	Poop Deck, Angle, E or F		
" " Are Frame and Reversed Frame joggled?	Yes		Spacing		
acket Floors, breadth and thickness at middle line			Bridge Deck, Angle, E or F	5	3.30
" " breadth and thickness at margin plate			Spacing	alternate	
			Forecastle Deck, Angle, E or F	5	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.	
PILLARS, No. of Rows.....						Stringer Plate, breadth and thickness in way of Bridge					
"	in 'tween Decks, Size and Spacing.....	Bde. 2 @ 1 1/2' dia. every 2 1/4' a.				Thickness of Plating abreast Deck openings in way of Wells					
"	" " " " " "	Flat 3 @ 2 1/2' dia.				Thickness of Plating abreast Deck openings in way of Bridge					
"	in Holds " " "	deep brackets				Thickness of Plating within line of openings...		.35			
"	" " " " " "	every 4 frames.				If Sheathed, material and thickness					
Centre Line Bulkhead.						Third Deck.					
	Stiffeners and Spacing.....					Stringer Plate, breadth and thickness.....					
	Plating, thickness of					If Plated, state thickness.....					
STRINGERS AND DECKS.						Fourth Deck.					
	Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....					
	Stringer Plate, breadth and thickness in Wells	.65 - .57 - .53 - .40				If Plated, state thickness					
"	" " " " in way of Bridge	.65 - .57 - .53 - .40				Poop Deck.					
"	Angle in Wells	5 5 53				Stringer Plate, breadth and thickness					
	Thickness of Plating abreast Deck openings in way of Wells					Plating, Sheathing, material and thickness ...					
	Thickness of Plating abreast Deck openings in way of Bridge					Bridge Deck.					
	Thickness of Plating within line of openings...	.35 - .31				Stringer Plate, breadth and thickness.....		.58	.29		
	If Sheathed, material and thickness					Plating, Sheathing, material and thickness ...		.29	.5	.23 P.P.	
R. Q.	Second Deck.					Forecastle Deck.					
	Stringer Plate, breadth and thickness in Wells...	.57 - .39 - .40 - .34				Stringer Plate, breadth and thickness.....		.30			
						Plating, Sheathing, material and thickness ...		.30	.25	.52 P.P.	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED. <i>Rule</i>	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.		Spacing cr. to cr.
	Inches.	Inches.	Inches.	Inches.									
FLAT PLATE KEEL	41	.50	.47	.47	.50 - .45	double	3/4	3-3 1/2	Three	7/8	3 1/8	Strapped	
„ DBLG. (if any)													
BOTTOM PLATING, No. 1 of Strakes .....		.42	.50	.36	.40 - .36	"	"	"	Three to two	3/4	2 5/8	Lapped
BILGE PLATING, No. 1 of Strakes .....		.42	.50	.36	.40 - .36	"	"	"	"	"	"	"
BILGE PLATING, No. 2 of Strakes .....		.39	.35	.35	.39 - .35	"	"	"	"	"	"	"
SIDE PLATING, No. 1 of Strakes .....		.39	.35	.35		"	"	"	"	"	"	"
SIDE PLATING, No. 2 of Strakes .....		.39	.35	.35		"	"	"	"	"	"	"
UPPER DECK, Sheer- strake in Well	46	.53	.35	.35		"	3/4	"	Three to two	"	"	"	
UPPER DECK, Sheer- strake in Well .....		.70 at break				"	7/8	"	Quad at break	7/8	3 1/8	"
UPPER DECK, Sheer- strake in Bridge ...		.70				"						
STRAKE BELOW Sheer- strake in Well .....			.48	.48		"	3/4	"	Three to two	3/4	2 5/8	"
STRAKE BELOW Sheer- strake in Well .....			.35	.35		"	7/8	"	Three	"	"	"
STRAKE BELOW Sheer- strake in Bridge ...			.48			"	3/4	"	Three to two	"	"	"
POOP SIDE PLATING .....		.44		.35		"	3/4	"	Three	"	"	"
BRIDGE SIDE PLATING .....		.44			.30	"	"	"	Three	"	"	"
FORECASTLE SIDE PLATING		.36				"	"	"	Three	"	"	"	
FORECASTLE SIDE PLATING			.30			Single	"	"	One	"	"	"	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c)..... 4

 " Deck next below..... 1

As per Rule..... 3

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	roller	6 3/4 x 9 1/8	Frodingham	
STERN FRAME { Propeller Post	forging	6 3/4 x 4 1/2	Punnett & Co. Forge.	
{ Rudder		5 3/4 x 4 1/2	"	
RUDDER—A x D		14 5		
Speed of Vessel		Under 10 knots.		
RUDDER mainpiece at head	forging	6 1/4	Punnett & Co. Forge.	
" " heel		4 1/2	"	
" how constructed		Forged & built.		
" double or single plate		single	90	
" coupling, vertical or		horizontal		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).	<i>open hearth process.</i>
	<i>Bolekon, Vaughan & Co. Ld: Consett I. Co. Ld: Rinningrove I. Wks.</i>	
	<i>So. Durham S. & I. Co. Ld: Frodingham I. & S. Wks.</i>	
	Has the Steel been tested as required by the Rules?	<i>Yes.</i>

EQUIPMENT No. 11670												LETTER n		ANCHORS.	
Number of Certificate.	No. 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.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
32641	1st Bower	26	1	0	✓			25	16	1	0	25 3/4	Byss Imp. 2" Shes	not stated	Id. Dec. 11 1929: Butler
32642	2nd "	25	3	21	✓			25	12	2	0	25 3/4	"	"	"
32602	3rd "	22	1	7	✓			22	13	0	14	22 1/2	"	"	Id. Nov. 23 1929: Butler
	Collective weight.	74	2	0								73			
44605	Stream	6	2	16	1	3	5	8	17	2	0	6 3/4	Org. Forge W.I.	"	C.H. 15/7/29: Paul

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.	Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Cir.					Length.	Cir.			
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
43731	105	1 1/2	40.5	58.7	124	0.51	242.0		210	1 1/2	Plus not stated	C.H. 29/11/29: Paul	TOWLINE...	90	3 1/4	22	90	3 1/4	
43732	105	1 1/2	40.5	58.7	125	2.44					"	"	HAWSERS & WARPS						
Iron Stream Chain or Steel Wire	75	3 1/2			249	3.9			75	3 1/2			"	90	6		90	6	
													"	90	5		90	5	

Steering Gear, Steam *efficient* Steering Gear, Hand *efficient*

Boats *two, food* Steering Chains, Size and Test *7/8 dia. 9.2.2.0 (Neth. 76760)* 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) *Coaming's extend 44 Steel plates } Thickness of Hatches 2 1/2"*
no 1 4'-0" high, no 2 3'-3" high

Size of No. 1 Hatchway (Forward) *38'-10" x 22'-0"* No. 2 *49'-3" x 22'-0"* No. 3 *✓* No. 4 *✓* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams and/or Fore and Afters *no 1, 7 Steel beams, no 2, 9 Steel beams.*

For THE GOOLE SHIPBUILDING & REPAIRING CO. (1927) LTD.
Builder's Signature *J. H. Pegg*

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 £ *5 : 0 : 0* Fees applied for, *24 Feb 1930*

Special Survey Fee.... £ *121 : 12 : 0* I am of opinion the Vessel should be Classed *+100A1*

Freeboard £ *4 : 3 : 4* Received by me, *13.3.30*

Travelling Expenses, if any £ *6 : 10 : 0*

State whether the Vessel has been built under Special Survey *Yes.* Signature *W. Malcolm*

Certificate to be sent to *Keel & Hull weekly to Lloyds* Date of issue *14/3/30*
Surveyor to Lloyd's Register of Shipping.

Committee's Minute *TUE 4 MAR 1930*

Character assigned *+100A1*

Lloyds A+C.P. cargo battens not fitted;

Write H.L. + Lumb. 1.30

30x

July

The Surveyors are requested not to write on or below the Committee's Minute.

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 when on the stocks and in frame, on July 24th 1929.

S. Side:—frames 23 & 24 renewed, frs 25 & 26 fanned in place, fr. 27 renewed.

P. Side:—frames 46 & 47 renewed, frs 28 to 38 taken down & stowed for truth.

This vessel has been examined in dry dock at Poole on account of damage sustained owing to a mishap during launching. Particulars have been fully reported, on Hull report No. 40515, of the repairs carried out.

This vessel was again placed in dry dock (Poole No 2) on Feb. 3rd 1930, on account of grounding stated to have occurred on Jan. 11th 1930 in the Poole River as the vessel was being towed to Sunderland for the installation of her machinery. The bottom and rudder were carefully examined and no damage was found.

The following plans etc. are enclosed:—

Midship Section (approved).

Profile of Decks.

Stem Frames & Rudder

Increase to deck stringer in lieu of doublings.

Bumping Plan

Bulwark freeing ports

Forging reports (3)

Steel Invoices

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

1st Bower	15.1.23; M.B; 7072; 25/10/29.
2nd "	15.2.17; M.B; 7073; 25/10/29.
3rd "	12.1.17; M.B; 7075; 25/10/29.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 1 ft., R.Q.D. 128.0 ft., Bridge 13.1 ft., Forecastle 3.0 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. R.Q.D. & Bde. are joined.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 18K (Std)

Official No. 134950, Signal Letters

particulars of composition

Is bottom of Vessel coated with cement Yes if not give

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, <i>Hot Tank</i>	73.4	139	Fore peak tank,	22.0	96
Double bottom, under Engines and Boilers,	✓		After peak tank,	10.0	60
Double bottom, if under Engines only,	✓		Deep tank, aft,	✓	
Double bottom, if under Boilers only,	✓		Deep tank, forward,	✓	
Double bottom, forward, <i>Hot Tank</i>	66.0	116	Other tanks, if fitted,	✓	
Total capacity of double bottom	255		(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. 1909

Date: 12 April 1929.

Dates of Surveys held while building

1929. May 29. June 11. 24. July 12. 17. 29. Aug 7. 19. 23. Sept 4. 13. 26.
Oct 10. 15. 21. 30. Nov 4. 7. 18. 28. Dec 12. 16. 18. 20. 23. 23. 30.
1930. Jan 2. 8. 9. 31. Feb 3. 4. 10. 11

Total No. of Visits 35