

Rpt. 1.

STEEL STEAMER or MOTORSHIP.

Received at London Office 22 JAN 1937

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

HULL

No.

44544

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

*Single Screw Steel motor Vessel*19th August 1936

Last Survey

12th January 1937

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

Full Scantling

State Type of Erections

R.O.S. Roofs

TONNAGE under Tonnage Deck

*198.01*CLASS *+100A1*

State if with freeboard as condition of Class

No.

Built at

Goole

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

Total

198.01

Gross Tonnage

310.96

Register Tonnage

164.14

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

130'-0"

Breadth (greatest moulded)

B 24'-6"

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

D 9'-8"

1st Longitudinal Number (L x D)

= 1255

2nd Numeral L x (B + D)

= 4440

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

U.D.K. 7.25
R.O.S. 10.5

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

U.D.K. 13.46
R.O.S. 10.07

Draught Moulded

*9'-7 1/2"*Launched *Nov. 30th 1936* Yard No. *323*Builders *Goole Shipbuilding and Repairing Co. Ltd.*Owners *A. Harrison (Shipping) Ltd.*

Managers

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

Residence *9 St. Thomas St. S.E. 1.*Port of Registry *London*

If surveyed while building, afloat, or in dry dock

while building & 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	<i>21</i>		Bracket Floors, Frame	<i>✓</i>	
" " from 3/4 length to Collision bulkhead	<i>21</i>		" " Reversed Frame	<i>✓</i>	
" " in peaks	<i>21</i>		" " Vertical Struts	<i>✓</i>	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>29 x .32</i>	
Frame Amidships, Angle or [	<i>4 2 1/2 x .26 B.A.</i>		" " top Angles	<i>2 1/2 x .28</i>	
" " Extends up to	<i>deck</i>		" " bottom Angles	<i>3 x .32</i>	
Reversed Frame Amidships, Angle	<i>✓</i>		Side Girders, No. each side and thickness	<i>one .26</i>	
" " Extends up to	<i>✓</i>		Margin Plate depth (excl. of flange) and thickness	<i>18 x .28</i>	
Depth of Framing Girder	<i>4</i>		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	<i>2 1/2 x .26</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, [or [	<i>✓</i>		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	<i>4 1/2 x .31</i>	
" " Second 'tween Decks, Angle, [or [	<i>✓</i>		" " Gussets, spacing and scantling abaft 1/4 len. from stem	<i>✓</i>	
" " Third " " " "	<i>✓</i>		" " Gussets, spacing and scantling forward 1/4 len. from stem	<i>✓</i>	
Framing in Peaks, Angle or [	<i>4 2 1/2 x .26 B.A.</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>30" x .26</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>5/8 4 1/2 3/4 5/16</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>Yes</i>		Breadth and thickness of Middle Line Strake	<i>39 x .28</i>	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Frames 4 x 2 1/2 x 30 B.A. panning 18 x .28</i>		Thickness of remainder in Holds	<i>.26</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Shell plating 4 1/2 x 2 x 9/16</i>		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?	<i>motor vessel</i>	
SINGLE BOTTOM. In motor Room			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	<i>.375</i>		Uppermost Continuous Deck, amidships	<i>3 2 1/2 x .30</i>	
Height of Brackets at side above base line at toe of frame	<i>none</i>		" " in Wells, Angle, [or [<i>✓</i>	
Middle Line Keelson, on Floors, Angles, [or [	<i>✓</i>		" " in way of Bridge, Angle, [or [<i>✓</i>	
" " Through Plate or Intercoastal Plate	<i>✓</i>		Spacing	<i>every</i>	
" " Foundation Plate on Floors	<i>✓</i>		Second Deck, amidships, Angle, [or [<i>✓</i>	
" " Flat Plate Keel Angles	<i>✓</i>		Spacing	<i>✓</i>	
Side Keelsons, No. each side	<i>Side girders under Engines 7/16"</i>		Third Deck, amidships, Angle, [or [<i>✓</i>	
" " thickness of Intercoastal Plate	<i>✓</i>		Spacing	<i>✓</i>	
" " Angles	<i>✓</i>		Fourth Deck, amidships, Angle, [or [<i>✓</i>	
DOUBLE BOTTOM.			Spacing	<i>✓</i>	
Solid Floors, thickness and spacing	<i>.26 every</i>		Poop Deck, Angle, [or [	<i>5 2 1/2 x .26 B.A.</i>	
" " Are Frame and Reversed Frame joggled?	<i>Yes</i>		Spacing	<i>alternates</i>	
Bracket Floors, breadth and thickness at middle line	<i>✓</i>		Bridge Deck, Angle, [or [<i>✓</i>	
" " breadth and thickness at margin plate	<i>✓</i>		Spacing	<i>✓</i>	
			Forecastle Deck, Angle, [or [	<i>4 2 1/2 x .26 B.A.</i>	
			Spacing	<i>every</i>	

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	2' dia I/c		Thickness of Plating abreast Deck openings in way of Wells		
" " " " " "	2" Poop		Thickness of Plating abreast Deck openings in way of Bridge		
" in Holds " "	Deep knees 7'0" apart		Thickness of Plating within line of openings...		
" " " " " "	Channel pillar betn hatchways		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	57 x .30 - .28 .36 at break of RQD		If Plated, state thickness		
" " " " " in way of Bridge	✓		Poop Deck.		
" Angle in Wells	32 32 .34		Stringer Plate, breadth and thickness	30 x .25	
Thickness of Plating abreast Deck openings in way of Wells	✓		Plating, Sheathing, material and thickness .....	.25 5' x 3' 0" Pine	
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	.28		Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness	✓		Plating, Sheathing, material and thickness		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....	.26	
			Plating, Sheathing, material and thickness .....	.26 x .32	

SHELL PLATING.

SCANTLINGS.					EDGES.		RIVETING.					
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	State if jogged?	BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.			No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing or. to cr.		Diam.	Spacing or. to cr.
	Inches.	Inches.	Inches.	Inches.		SINGLE OR DOUBLE.	Inches.	Inches.	Inches.	Inches.		
FLAT PLATE KEEL	37	.50	.50	.50	Rule 41-38	Single	3/4		362	3/4	2 5/8	Strapped
" DBLG. (if any)												
BOTTOM PLATING, No. of Strakes	2	.50	.34	.32	5/16 (3/16) - .27	"	3/4	5/8	2	3/4	2 5/8	Lapped
BILGE PLATING, No. of Strakes	1	5/16	.27	.27	5/16	"	5/8		2	5/8	2 1/4	"
SIDE PLATING, No. of Strakes												
UPPER DECK, Sheer-strake in Well	43	.40	.27	.27		"	7/8	5/8	362	7/8	2 1/4	"
UPPER DECK, Sheer-strake in Bridge	42	.34		.27		"	7/8	5/8	2	3/4	2 1/4	"
STRAKE BELOW Sheer-strake in Well		5/16	.28	.28		"	5/8		2	5/8	2 1/4	"
STRAKE BELOW Sheer-strake in Bridge ...												
POOP SIDE PLATING .....				.24			5/8		1	5/8	2 1/4	Lapped & Strapped
BRIDGE SIDE PLATING ...							5/8		1	5/8	2 1/4	Lapped.
FOREC'TLE SIDE PLATING				.24			5/8		1	5/8	2 1/4	Lapped.

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) **3** ✓

„ Deck next below **✓**

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' x 1 1/8"		5 3/4' x 1/4"
STERN FRAME {	Propeller Post	Forges { 5 3/8' x 2 3/4"	Forster	
	Rudder "	Iron { 5 3/8' x 2 3/4"		
Speed of Vessel		10 knots		
RUDDER—Type		unbalanced		
" A x D		35.6		
" Diam. of head	Iron	3 1/8"	Forster	
" Mainpiece at top pintle	Forging	3 1/8" - 3 1/16"		
" " heel ...		2 5/8"		
" how constructed		forged & built		
" double or single plate		double . 24	✓	
" coupling, vertical or horizontal		horizontal		

STIFFENERS.

		Plating Thickness.	VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks						
"	"	Second <i>6.7. 9</i>	<i>.30</i>	<i>3 x 2 1/2 x .32</i>	<i>24"</i>	
"	"	Third				
"	"	Holds <i>19</i>	<i>.30</i> <i>.26</i>	<i>4 x 2 1/2 x .26</i>	<i>30" x 28 1/2"</i>	
COLLISION	"	(in Hold) <i>67</i>	<i>.32</i> <i>.30</i>	<i>5 1/2 x 3 x .34</i>	<i>24"</i>	
AFTER PEAK	"	<i>4</i>	<i>.30</i> <i>.30</i>	<i>3 x 2 1/2 x .32</i> <i>4 x 3 x .32</i>	<i>24"</i>	

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open heart process*
Cussett & Co. Appleby - Tordingham S. G. & Co. So. Durham S. & D. Co. Ltd. Cargo Fleet S. Co.
Kirmingrove S. Co. Dorman Long & Co.
 Has the Steel been tested as required by the Rules? *Yes.*

EQUIPMENT No 4841										LETTER "e"		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.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
36579	1st Bower ...	8	1	—	✓	✓	✓	10	7	2	—	8 1/4	Byers & Sons, S. Wales.	not stated.	S: 4/11/36: Butler.
36579	2nd " ...	8	—	7	✓	✓	✓	10	5	—	—	8	" " " "	" "	S: 9/11/36: Butler.
	3rd " ...														
	Collective weight.	16	1	7								16 1/4			
49397	Stream	2	3	4	—	2	24	5	5	—	—	2 1/4	Byers & Sons, S. Wales.	" "	R.H: 9/10/36: 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.	Supplied.	Per Rule.	Length.	Diam.					Length.	Diam.		Length.	Diam.
53718	165	1 5/16	23.7	15.8	74.3	3.0	74.3		165	1 5/16	Not stated.	not stated.	C.H: 27/11/36: Paul.	TOWLINE	75	2 1/2	13.2	75	2 1/2
														HAWSERS & WARPS	90	5		90	5
Iron Steam Chain or Steel Wire	4.5	2 1/2	10.8						4.5	2 1/2									

Steering Gear, Steam ☒ Steering Gear, Hand ☒ efficient.

Boats 2. Good. Steering Chains, Size and Test 7/16 dia. 2 1/2 tons. Windlass efficient (hand).

Ceiling in Holds, thickness and material 2 1/2" W.P. Cargo Battens, thickness, material and spacing 6" x 2" W.P. 9" apart.

Cargo Hatchways.—(Upper Deck) Steel plates .38. Thickness of Hatches 2 1/2" W.P.

Size of No. 1 Hatchway (Forward) 29' 9" x 15' No. 2 35' 0" x 15' No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters 101 — 7; 102 — 9.

PER PRO THE GOOLE SHIPBUILDING & REPAIRING CO. LTD.

Builder's Signature *C. F. Cragg* SECRETARY

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel ☒
 (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. ☒ The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point. oil fuel carried in built-in tank under deck in Motor Room. Flash point above 150°F.

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 loadline has been assigned, the marks cut in on the vessel's sides and verified.

The double bottom, peak and oil fuel tanks have been tested in accordance with Rule requirements and found satisfactory.

The decks, windlass and steering gear have been tested and found satisfactory.

The amount of Entry Fee £ 3 : — : — Fees applied for, 21 JAN 1937
 Special Survey Fee £ 31 : 2 : — Received by me, 6.3.37
 Travelling Expenses, if any £ 3 : 17 : 10

I am of opinion the Vessel should be Classed +100A1
 Signature *W. Malcolm*
 Surveyor to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey ☒ Yes

Certificate to be sent to HULL Date of issue 30/3/37

Committee's Minute TUE 26 JAN 1937
 Character assigned +100A1

Lloyd's at 1.37
oil eng. 09.

Write Box

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.)

Sister Vessel Kestor Goole S.B. Yard No 317. Aul. 78. Rpt. No 47223.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Oil Eng. Cruisers Stern Incl. aft.

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

1st Bower 4-3-21; R.L.; 5106; 4/9/36.
2nd „ 4-3-17; R.L.; 5104; 4/9/36.
3rd „ ✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 33.75 ft., R.Q.D. 47.25 ft., Bridge ✓ ft., Forecastle 15.0 ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks 12K (Pl.)

Official No. 165380; 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,	45.5	64	Fore peak tank,	12	28
Double bottom, under Engines and Boilers, ✓			After peak tank,	10	15
Double bottom, if under Engines only, ✓			Deep tank, aft, ✓		
Double bottom, if under Boilers only, ✓			Deep tank, forward, ✓		
Double bottom, forward,	38.5	40	Other tanks, if fitted, ✓		
	Total capacity of double bottom	104	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 3109

Date 17th June 1936

Dates of Surveys held while building

1936:—Aug 19. 26. Sept. 4. 10. 14. 22. 25. 28. Oct. 2. 9. 12. 16. 23. 28.
Nov. 3. 6. 11. 13. 19. 25. 27. 30. Dec. 2. 9. 15. 16. 20. 30.
1937:—Jan. 6. 7. 8. 9. 12.

Total No. of Visits 33