

## STEEL STEAMER OR MOTORSHIP.

No. 24325

Received at London Office

State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel YesDate of completion of report 15-7-47Port of ANTWERPNo. 24325Survey held at ANTWERPDate First Survey 6<sup>th</sup> November 1946Last Survey 11<sup>th</sup> June

1947

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

S.S. HEMBURY

Single screw

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

Full ScantlingState Type of Erections Paop, Bridge & F/de.TONNAGE under  
Tonnage Deck ...CLASS 100 A.1State if with freeboard  
as condition of Class 5' 2 1/4"Built at Newcastle on TyneDo. space or spaces  
on Tonnage Dk.  
Upper Dk.Length from fore part of stem to after part of stern  
post on summer L.W.L. See Sec. 3 (1a) L 390' 0"Launched ✓ Yard No. 184Breadth (greatest moulded) B 51' 9"Builders William Dobson & Co. Low WalkerDepth, at middle of length from top of keel to top  
of beam at side of uppermost continuous  
deck. See Sec. 3 (1c) D 29' 0"Owners J. R. Grant Ltd1st Longitudinal Number (L x D) 11310

Managers

(Where necessary to be entered in Reg. Book)

2nd Numeral L x (B + D) 31492

Residence

Framing Depth "d," at middle of length. See  
Sec. 3 (1d) 15' 11 1/4"Proportions—Depth to Length—Uppermost con-  
tinuous deck to top of keel 13.45Port of Registry LondonDo. Long Bridge to  
top of keel 10.68If surveyed while repairing  
building, afloat, or in dry dockDraught Moulded 23' 11 1/4"Afloat and 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.
FRAMES, Spacing amidships.....	26 ✓		Bracket Floors, Frame ...	7 1/2 3 1/2 .40 ✓	
" " from 1/2 length amidships to Collision bulkhead.....	26 ✓		" " Reversed Frame...✓	7" 3 .30 ✓	
" " in peaks .....	24		" " Vertical Struts ...✓	7 3 .38 ✓	
IDE FRAMING.			Centre Girder, depth and thickness amidships	42 ✓ .50 ✓	
Frame Amidships, Angle, <u>E or C</u> ✓	9 1/2 3 1/2 .54 ✓		" " top Angle (one) ✓	4 1/2 4 1/2 .60 ✓	
" " Extends up to.....	UPPER DECK ✓		" " bottom Angles (two) ✓	4 1/2 4 1/2 .60 ✓	
Reversed Frame Amidships, Angle .....	None ✓		Side Girders, No. each side and thickness.....	2 ✓ .40	
" " Extends up to .....	✓		Margin Plate depth (excl. of flange) and thickness .....	3 7/2 ✓ .46 ✓	
Depth of Framing Girder.....	✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem .....	3 1/2 3 1/2 .40 ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, <u>C or C</u> ✓	✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area .....	2 3/2 3 1/2 .40 ✓	
" " Second 'tween Decks, Angle, <u>C or C</u> ✓	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	23 20 1/2 .40 ✓	Every third frame.
" " Third " " " " ✓	✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area .....	Every frame as per approved plan.	
" " from 1/2 len. for'd. to 15% len. from Stem .....	9 1/2 3 1/2 .54 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	7 2 1/2 ✓ .40 ✓	
" " in Peaks, Angle <u>C or C</u> ✓	7 3 1/2 .42 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships .....	7/8" 4p 5/4 ✓		Breadth and thickness of Middle Line Strake...	42 ✓ .50 ✓	
State if Frame Joggled.....	No ✓		Thickness of remainder in Holds .....	38 .40 ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....	As approved ✓		Are Rule requirements complied with regard- ing increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?.....	Yes ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? .....	As per 1915 Rules ✓		BEAMS.		
DOUBLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, <u>E or C</u> ✓	7 3 .42 ✓	
Floors, Depth and thickness at mid-line in Holds.....	78 ✓ .40 ✓		" " in way of Bridge, Angle, <u>E or C</u> ✓	7 3 .42 ✓	
Height of Brackets at side above base line at toe of frame.....	✓		Spacing .....	Every frame. ✓	
Middle Line Keelson, on Floors, Angles, <u>C or C</u> ✓	✓		Second Deck, amidships, Angle, <u>E or C</u> ✓	11 3 1/2 .56 ✓	
" " Through Plate or Inter- costal Plate .....	✓		Spacing .....	Every 2nd frame. ✓	
" " Foundation Plate on Floors .....	✓		Third Deck, amidships, Angle, <u>E or C</u> ✓	✓	
" " Flat Plate Keel Angles	✓		Spacing.....	✓	
Side Keelsons, No. each side.....	✓		Fourth Deck, amidships, Angle, <u>C or C</u> ✓	✓	
" " thickness of Intercoastal Plate...	✓		Spacing.....	✓	
" " Angles	✓		Poop Deck, Angle, <u>E or C</u> ✓	7 3 .44 ✓	
DOUBLE BOTTOM.			Spacing.....	Every frame. ✓	
Solid Floors, thickness and spacing .....	78 ✓ .40 ✓		Bridge Deck, Angle, <u>E or C</u> ✓	7 3 .44 ✓	
" " Are Frame and Reversed Frame joggled? .....	Frames not joggled ✓ No Reverse frames Floor plates joggled.		Spacing.....	Every frame	
Bracket Floors, breadth and thickness at middle line .....	40 ✓ .40 ✓		Forecastle Deck, Angle, <u>E or C</u> ✓	9 1/2 3 1/2 .52 ✓	
" " breadth and thickness at margin plate.....	40 ✓ .40 ✓		Spacing.....	Every 2nd frame ✓	

(MADE IN ENGLAND.)

008776-008785-0277 1/2

EQUIPMENT No. 32837										LETTER J		ANCHORS. 3 Bowers 1st stream		
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.			
1st Bower	100	2	0				67	5	0	0	60	Taylor's Dread naught	Samuel Taylor	Tipton 21-6-15 C.E.P.
2nd "	100	3	9				67	12	2	0	60	Stockless	Lang Ltd.	Tipton 4-9-13 C.E.P.
3rd "											50 1/2	"		
Collective weight											170 1/2			
Stream	58	3	21				47	15	0	0	16 1/4	Byers improved Mocheux		Sunderland 24-8-40 F.W.D.

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.	Statury.	Break- ing.	Supplied.	Per Rule.	Fathoms.	Diam.					Length.	Ins.		Tons.	Cir.	Length.
Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.			Fathoms.	Ins.	Tons.		Fathoms.	Ins.
15 3/4	2 1/16	96.75	144.75	47	3	7											
14 3/4	2 1/16	86.6	120.50	44	3	2											
15	2 1/16	86.10	120.50	44		0											
15	2 1/16	86.6	120.50	46	1	9											
15 1/2	2 1/16	91.0	127.50	38	3	14											
255	2 1/16	Admiralty tested cable on board.						see Antwerp letter and List. dated.									
	Cir.																
90	4 1/4			47				90	4 1/4								

SCANTLINGS.				SHELL PLATING.		RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if Joggled ?	RIVETS.		No. of ROWS of RIVETS.	RIVETS.		STRAPPED LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.		Spacing cr. to cr.
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.			
Flat Plate Keel.....	47	.98	.70	.70		Double	1	4 1/2	Quadruple	1	4	Lapped	
„ Dblg. (if any)	None.					✓	✓	✓		✓	✓		
Bottom Plating, No. of Strakes .....3.....	2	.64	.46	.45		✓	7/8	3 1/8	✓	7/8	3	✓	
Bilge Plating, No. of Strakes .....2.....	1	.62	.46	.46		✓	7/8	3 1/8	✓	7/8	3	✓	
Side Plating, No. of Strakes .....2.....		.62	.46	.46		✓	7/8	3 1/8	✓	7/8	3	✓	
Upper Deck, Sheer-strake in Wells.....		.66	.44	.44		✓	7/8	3 1/8	✓	7/8	3	✓	
Upper Deck, Sheer-strake in Bridge ...	47	1.00	.44	.44		✓	1	3 1/2	✓	1	4	Strapped Lapped	
Strake below Sheer-strake in Wells.....	47	.62	.44	.44		✓	7/8	3 1/8	Treble	7/8	3	Lapped	
Strake below Sheer-strake in Bridge ...	83	.78	.44	.44		✓	1	3 1/2	Quadruple	7/8	3	✓	
Poop Side Plating.....		.38				✓	7/8	3 1/8	✓	7/8	3	✓	
Bridge Side Plating.....	80	.68				✓	Single	3/4	3	Double	3/4	2 1/4	✓
Forecastle Side Plating		.40				✓	Double	7/8	3 1/8	Quadruple	7/8	3	✓
						✓	Single	3/4	3	Double	3/4	2 1/4	✓

Total No. of W.T. BULKHEADS in Vessel—		7
Extending to Upper Deck (Sec. 3 c)		6
Deck next below		1
As per Rule		

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks	26	0.9.4 x 3 x .24	27"		
" " Second "					
" " Third "					
" " Holds	40-35	0.9.10 x 3 1/2 x .50	27"		
COLLISION (in Hold)	40	0.9.10 x 3 1/2 x .50	27"	0.9.8 x 3 x .50	49"
AFTER PEAK	40	0.9.10 x 3 1/2 x .50	27"		

KEEL, Bar	None
STEM	Castings 10" x 2 1/4" ✓
STERN FRAME	Propeller Post ..... Castings 10" x 7 1/2" ✓
	Rudder " ..... " 9" x 7 1/2" ✓
Speed of Vessel	
RUDDER—Type	Single plate rudder
" A x D	378 ✓
" Diam. of head	3' diam. ✓
2 " Mainpiece at top pintle	6 3/4" ✓
" " heel	6 1/4" ✓
" how constructed	rivelled. ✓
" double or single plate	1.04 ✓
" coupling, vertical or	
" horizontal	Vertical.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Not known.

STEEL.

Has the Steel been tested as required by the Rules?

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. No ✓  
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. No ✓ The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

The vessel has been surveyed in accordance with the requirements of the Society's Rules for "Vessels not built under Survey". The vessel's scantlings and arrangements to have been verified and found to be in accordance with the approved plans. The peaks, double bottom tanks, deep tank have been tested with water pressure. The vessel was in dry dock and found tight. The winches, windlass, steering gear pumps have been tested under working conditions and found satisfactory. The weather decks, watertight bulkheads and watertight doors have been tested and found tight. The workmanship so far as could be seen is good. ✓ The keelboard marks have been cut in the ship's sides and verified. ✓

Periodical Special Survey (D) has been held and it is recommended to have the notation of S.S. ANT. 6.47 (D) and docking date 6.47 see Antwerp at No.

Amount of Entry Fee..... £ : : } Fees applied for, 19.  
 Special Survey Fee..... £ : : } Received by me, 19.  
 Travelling Expenses, if any ..... £ : : }

Whether the Vessel has been built under Special Survey *No attached*  
 to be sent to *Owners London* Date of issue *25/7/47*  
 Committee's Minute *25 JUL 1947*  
 Officer assigned *100A1 Subject*  
*2.47 Ant.*  
*S.S. Ant - 6.47 (Dr)* *LMC 6.47*  
*Classed 6.47* *S (CL) 2.47*  
*White Ant. (harm)* *FD.*  
*2 SB 180/166/0016*

(Special notations, where part of class, to be stated.)  
*Cargo battens not fitted.*  
 I am of opinion the Vessel should be Classed *100 A.1.*  
 Signature *J. Roscher*  
 Surveyor to Lloyd's Register of Shipping.

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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 the Plans should be embodied.)

Approved plans :

- n: 1 Deeptank aft
- n: 2 Fore mast arrangement
- n: 3 Abain mast arrangement
- n: 4 Tinting arrangement
- n: 5 Hatches on weather & liveendeck.

PARTICULARS OF ELECTRIC WELDING (if employed)

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

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

1st Bower 40087 Weight of anchor head, fittings and pins 36-1-5 signed Norman  
2nd ,, Weight of anchor shank 22-2-16 24-8-40  
3rd ,,

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 40' 0" ft., R.O.D. ✓ ft., Bridge 108' 33" ft., Forecastle 2' 50" ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 187616 Signal Letters G.B.N.X. Extreme Breadth over Belting 52' 0" Over-all Length 402' 1" (Circ. 1611) (Circ. 1703)

No. and Material of Decks two steel decks

Parts of Bottom of Vessel coated with cement or approved composition Cement throughout

Particulars of composition (if fitted) and of approval ✓

PARTICULARS OF WATER BALLAST :—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)  
Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	125' 8"	352	Fore peak tank,	20' 0"	
Double bottom, under Engines and Boilers,			After peak tank,	18' 0"	
Double bottom, if under Engines only,	19' 6"	76	Deep tank, aft,	26' 0" ✓	
Double bottom, if under Boilers only,	19' 6"	dry tank	Deep tank, forward,		
Double bottom, forward,	175' 6"	609	Other tanks, if fitted,		
Total length (if continuous) and Capacity	340' 2"	1037	(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building

1946 : 6/11, 7/11, 14/11, 20/11, 28/11, 29/11, 4/12, 5/12, 6/12, 12/12, 17/12, 19/12, 20/12, 24/12, 27/12, 31/12  
1947 : 7/1, 9/1, 11/1, 16/1, 22/1, 24/1, 25/1, 29/1, 31/1, 1/2, 3/2, 5/2, 6/2, 7/2, 12/2, 13/2, 25/2, 5/3, 10/3, 17/3, 31/3, 1/4, 3/4, 4/4, 14/4, 15/4, 18/4, 21/4, 5/5, 6/5, 23/5, 28/5, 1/6

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