

## STEEL STEAMER or MOTORSHIP.

29 JUN 1927

Received at London Office

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

State if Report is sent on the Machinery of the Vessel

Port of

WEST HARTLEPOOL

No.

16505

Date of completion of report

Survey held at WEST HARTLEPOOL

Date First Survey

15th December

Last Survey

23rd June

1927

On the

Single Screw

ROMANBY

machinery amidships

State Type

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

Full Scantling

State Type of Erections

TONNAGE under Tonnage Deck

4627.32

CLASS

State if with freeboard as condition of Class

No

Built at

WEST HARTLEPOOL

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

Total

Gross Tonnage

Register Tonnage

## REGISTERED DIMENSIONS.

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

L 390

B 54.79

D 28.75

= 11212.5

= 32580.6

25.32

13.56

10.76

24.13

Launched

31st May 1927

Yard No.

987

Builders

Wm Gray and Co Ltd.

Owners

The Roper Shipping Co Ltd

Managers

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

Residence

West Hartlepool.

Port of Registry

WEST HARTLEPOOL

If surveyed while building, afloat, or in dry dock

Whilst building and 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.	
Spacing amidships	27 1/2				As per approved list		Millimetres	
	27				L		Inches	
	24				L		NB	
	As per London Letter dated 9.8.26	9.8.26						
from 1/2 length to Collision bulkhead	27				220		75 12 8 1/2 x 3 x 4 1/2	
in peaks	24				220		75 12 8 1/2 x 3 x 4 1/2	
BRIDGING.	Fitted 300 x 102 x 12W x 16F		12 x 3 1/2 x 3 1/2 x 60F		4 1/2		x 51	
Amidships, Angle, [ or ]	3 1/2 x 3 1/2 x 50		Back frame on 84 x 87		3 1/2		3 1/2 45	
Extends up to	Upper deck				4		4 55	
Second Frame Amidships, Angle	Channel framing				One			
Extends up to	✓				36		x 49	
of Framing Girder	300 mm 1181 12				6		6 41	
es in Uppermost Continuous 'tween	180 x 85 x 9		7 x 3 1/2 x 34		6		6 41	
Decks, Angle, [ or ]	✓				27 1/2		27 1/2 38 on every frame	
Second 'tween Decks, Angle, [ or ]	✓				27		27 38 on every frame	
Third	As per approved list				5' 2 1/2		and connections increased	
ing in Peaks, Angle or [	190 75 9 1/2		7 1/2 x 3 x 34					
eter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 7 dia							
if Frame Joggled	No							
Channel frames	340 x 100 x 14 1/2		15 x 4 x 4 x 62F					
NG ARRANGEMENTS (Sec. 7), state system and particulars	As per London Letter with 4 x 4 x 60		20.8.26 with 4 x 4 x 60					
THICKENING OF BOTTOM FORWARD. State Particulars	Additional intercostals and double riveted frame bottom as per Rule							
E BOTTOM.								
rs, Depth and thickness at mid-line in Holds								
Height of Brackets at side above base line at toe of frame								
He Line Keelson, on Floors, Angles, [ or ]								
Through Plate or Intercostal Plate								
Foundation Plate on Floors								
Flat Plate Keel Angles								
Keelsons, No. each side								
thickness of Intercostal Plate								
Angles								
BLE BOTTOM.								
id Floors, thickness and spacing	38 @ 82 1/2		38 @ 82 1/2					
Are Frame and Reversed Frame joggled?	Yes							
Bracket Floors, breadth and thickness at middle line	3' 6" x 38							
breadth and thickness at margin plate	1' 6" x 38							

Bracket Floors, Frame	L	As per approved list	230	90	12	9 x 3 1/2 x 43 NB
Reversed Frame	L		220	75	12	8 1/2 x 3 x 4 1/2
Vertical Struts	L		220	75	12	8 1/2 x 3 x 4 1/2
Centre Girder, depth and thickness amidships			4 1/2	x	51	
top Angles			3 1/2	3 1/2	45	
bottom Angles			4	4	55	
Side Girders, No. each side and thickness			One			
Margin Plate depth (excl. of flange) and thickness			36	x	49	
Vertical Angle to Tank side Bracket abaft 1/2 len. from stem			6	6	41	
Vertical Angle to Tank side Bracket forward 1/2 len. from stem			6	6	41	
Gussets, spacing and scantling abaft 1/2 len. from stem			27 1/2	27 1/2	38	on every frame
Gussets, spacing and scantling forward 1/2 len. from stem			27	27	38	on every frame
Tank Side Brackets, height above base line at toe of Frame and thickness			5' 2 1/2			
INNER BOTTOM PLATING.						
Breadth and thickness of Middle Line Strake			49 1/2	x	49	
Thickness of remainder in Holds			41			
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			
BEAMS.						
Uppermost Continuous Deck, amidships in Wells, Angle, [ or ]			270	90	15	10 1/2 x 3 1/2 x 59
in way of Bridge, Angle, [ or ]			270	90	18	10 1/2 x 3 1/2 x 59
Spacing			27	8	27 1/2	27 & 27
Second Deck, amidships, Angle, [ or ]						
Spacing						
Third Deck, amidships, Angle, [ or ]						
Spacing						
Fourth Deck, amidships, Angle, [ or ]						
Spacing						
Poop Deck, Angle, [ or ]			190	75	10	7 1/2 x 3 x 48
Spacing			24	8	27 1/2	24 & 27
Bridge Deck, Angle, [ or ]		NB.	230	90	11	9 x 3 1/2 x 48
Spacing			27 1/2			27 1/2
Forecastle Deck, Angle, [ or ]			300	95	14	12 x 3 1/2 x 48
Spacing			250	90	48	10 x 3 1/2 x 48
			54	8	48	54 & 48



## 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.....			1									
"    in 'tween Decks, Size and Spacing.....			2 3/4 dia 2 frame spaces and under bendglass & winches as required									
"    "    "    "    "    "												
"    in Holds    "    "			Centre line bulkhead									
"    "    "    "    "    "			300 x 100 x 17 and 17 E									
<b>Centre Line Bulkhead.</b>			12 3 3/8 70 as per approved plans & lists									
Stiffeners and Spacing.....	L NBS		4 3 .38									
Plating, thickness of .....	L N.B.S.		2 frame spaces apart									
<b>STRINGERS AND DECKS.</b>												
<b>Uppermost Continuous Deck.</b>												
Stringer Plate, breadth and thickness in Wells		.55	x .77		.55	x .70						
"    "    "    "    in way of Bridge		.55	x .38			+ Carvers Extra						
"    Angle in Wells .....		6	6 .91		6 x 6	x .91						
Thickness of Plating abreast Deck openings } in way of Wells .....		.74	& .70		.68 and .64 and as app'd plus Carvers Extra							
Thickness of Plating abreast Deck openings } in way of Bridge .....			.34									
Thickness of Plating within line of openings...		.42	and .34									
If Sheathed, material and thickness .....		No										
<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>Poop Deck.</b>												
Stringer Plate, breadth and thickness .....	As plan	.38		As plan	.34							
Plating, Sheathing, material and thickness ...	.33	not sheathed		do								
<b>Bridge Deck.</b>												
Stringer Plate, breadth and thickness.....	7 1/2	x .55		7 1/2	x .50							
Plating, Sheathing, material and thickness ...	.48 and .40			.44 and .36 + Carvers Extra								
Stringer Plate, breadth and thickness.....	As plan	.39		.34 + Carvers Extra								
Plating, Sheathing, material and thickness ...	.30	Sheathed		5' x 3 P.P.								

## SHELL PLATING.

[illegible]



EQUIPMENT No. 34524.57										LETTER Y.		ANCHORS. 3B + 1S					
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.		
29961	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	BYERS IMPROVED STOCKLESS	per N.L BYERS	Sld.	29.4.27	J.H BUTLER
29956	2nd " ...	60	0	0	do			48	7	2	0	60	do	do	do	28.4.27	do
29962	3rd " ...	50	3	0	do			42	16	3	14	50½	do	do	do	29.4.27	do
	Collective weight.	170	3	0	1							✓ 170¾ ✓					
29950	Stream .....	16	2	0	4	1	7	17	16	1	0	16¼	RODGERS FORGED HT IRON		do	28.4.27	do

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.		
15214	240	2 3/16	86 1/8	120 1/2	597.2.7	645 3/4	270	2 3/16	Stud.	✓	Sld 28.4.27 J.H BUTLER	TOWLINE... HAWSERS (& WARPS) " "	120	4 3/4	65.5	120	4 3/4		
15257	30	2 3/16	86 1/8	120 1/2	73.1.21				do	✓	do 29.4.27 do		2@90	2 3/4	15.5	2@90	2 3/4		
Even Stream Chain or Steel Wire		Cir.						Cir.					2@90	2 1/2	12.5	2@90	2 1/2		
	90	4 3/4	65.5						Ex Fls	Gladden & Robson.			2@90	8	MANILA	✓	✓		
													2@90	7		✓	✓		

Steering Gear, Steam
*John Lynn and Co Ld 10x10 (14012)*
Steering Gear, Hand
*Fitted*

Boats
*1 @ 18 x 5.6 x 2.4*
Steering Chains, Size and Test
*1 1/2 L.P.H.S. 27.0.0.0*
*6694*
Windlass
*Clarke Chapman 9 1/2 x 12*

Ceiling in Holds, thickness and material
*2 1/2 N.W. under hatchways and over bilges*
Cargo Battens, thickness, material and spacing
*6 x 2 N.W. as per Gerner's specification and London letter dated 9.4.24*

Cargo Hatchways. (Upper Deck)
*Steel plates & angles as appd*
Thickness of Hatches
*3*

Size of No. 1 Hatchway (Forward)
*27'6" x 20'*
No. 2
*27'6" x 20'*
No. 3
*16'0 1/2" x 20'*
No. 4
*27'6" x 20'*
No. 5
*27'6" x 20'*
No. 6
*16'0 1/2" x 20'*

Number of Shifting Beams and/or Fore and Afters
*No 1 Four, No 2 Four, No 3 Two, No 4 Four, No 5 Four, No 6. Two.*
*For William Gray & Co., Limited.*

Builder's Signature
*Thos. S. Simpson*
General Manager

GENERAL DECLARATION
This vessel has been built in accordance with the approved plans, the approved lists of Continental sections, the Secretaries letters and the Rules.
The materials and workmanship are good.
The double bottom tanks and the fore and after peak tanks have been tested under the Rule pressure and found satisfactory.
The weather decks, watertight bulkheads, tunnel and watertight doors have been satisfactorily tested.
The watertight doors, hand pump, steering gear & windlass have been examined and tried under working conditions and found satisfactory.
The freeboards have been cut in on the vessels sides and verified.
The vessel is fitted with wireless and Electric light.
The boiler room double bottom tank is to be used as a dry tank. It has been tested. Its length 18'4" is included in the length of the double bottom and its capacity viz 73 tons is omitted.

The amount of Entry Fee ..... £ *8 : 0 : 0*
Special Survey Fee.... £ *319 : 7 : 0*
Travelling Expenses, if any £ : :
Fees applied for,
*28.6.1927*
Received by me,
*12.7.1927*
I am of opinion the Vessel should be Classed
*100 A.1.*

State whether the Vessel has been built under Special Survey
*Yes*
Signature
*A. Pickworth.*
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to
*WEST HARTLEPOOL*
Date of issue
*13/7/27*

Committee's Minute
*FRL 1 JUL 1927*
Character assigned
*+ 100 A.1.*

*Lloyd's A.R.C.P.*
*+ L.M.C. 6.27*
*F.D.C.H.*

*W289-0159 2/2*



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.)

Sister vessel to "FIRBY" Hpl Rpt 16414

"OTTERPOOL" " " 16423

"WARLABY" " " 16465

"TROUTPOOL" " " 16499

Continental Steel used as in present ship.

Plans now forwarded

Midskip Section

Profile and decks

Port Plan of Gunnel, Topside plating & decks

Bottom Strengthening forward, Rudder and Screw Frame, Rudder Coupling.

Tank side bracket connections. Forepeak Afterpeak & Stowhold bulkheads

Bunkers and machinery space pillars. Pumping arrangement.

also Forging Reports on Rudder & Screw Frame. Stem bars, Rudder Crosshead.

### DAMAGE REPAIRS

DAMAGE Stated to have been sustained whilst shifting berths in Hantlepool Docks on 21st June 1927 by fouling a quay wall.

Port Side.

Shell plate H. strake no 4 renewed, Rose tested & found tight.

3 frames in way of above plate faired in place.

Shell plate adjacent in J. Strake faired in place.

Shell plate J. no 10 was found slightly set in the riveting & caulking in way of this plate and other places where the paint had been scummed have been examined & tested and, in my opinion, no further repairs are necessary. Mr. Nichol - owners superintendent concurred.

The repairs were examined on completion on the 28th instant.

A. F. & Robert Rae  
27.6.27

Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	38.3.0	K.H.	29.3.27	4513 Cert.
	2nd "	38.1.21	K.H.	29.3.27	4498 "
	3rd "	32.1.0	K.H.	15.3.27	4456 "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 29.62 ft., R.Q.D. ✓ ft., Bridge 220 ft., Forecastle 40.25 (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

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

1 DK (Stl)

Official No. 139244 ; Signal Letters

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

### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.		Water Capacity.	Where Fitted.	*Length.		Water Cap.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	130.62	366	✓	Fore peak tank,	21.5	180	
Double bottom, under Engines and Boilers,			✓	After peak tank,	22.0	179	
Double bottom, if under Engines only,	27.50	112	✓	Deep tank, aft,			
Double bottom, if under Boilers only, DRY TANK but tested	18.33	✓		Deep tank, forward,			
Double bottom, forward,	168.54	563	✓	Other tanks, if fitted,			
	Total capacity of double bottom	1041		(If necessary, furnish further information by sketch.)			
	* The wells are not to be included in the lengths of the tanks.						
	344.99						

Order for Special Survey No. 2330

Date

17th Dec. 1926

Dates of Surveys held while building

1926. Dec. 15. 21. 23. 29 — 1927. Jan. 4. 6. 12. 19. 20. 24. 28. 31. Feb. 2. 10. 16. 18. 21. 23. 25. March. 1. 3. 4. 9. 11. 15. 17. 23. 24. 29. April. 5. 8. 12. 21. 26. 27. 28. May. 3. 5. 6. 10. 13. 17. 19. 24. 25. June. 7. 9. 10. 13. 15. 16. 17. 21. 22. 23.

Lloyd's Register Foundation  
Total No. of Visits 56