

## STEEL STEAMER or MOTORSHIP.

Received at London Office 26 MAY 1931

State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel from Newcastle officeDate of completion of report May 21<sup>st</sup> 1931 Port of Sunderland No. 30644Survey held at Sunderland Date First Survey 29 January 1931 Last Survey 20<sup>th</sup> May 1931On the Single Screw "MOYRA". Machinery amidships.State Type Complete Superstructure with tonnage opening State Type of Erections —TONNAGE under 1,197.44 CLASS 100A1 State if with freeboard Yes Built at SunderlandDo. of space or spaces between Tonnage Dk. and Upper Dk. 501.88Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 248.0Launched May 2<sup>nd</sup> 1931 Yard No. 1,467Total 1,699.32Breadth (greatest moulded) B 39.33Builders Swan Hunter & Wigham RichardsonGross Tonnage 1,395.91Depth at middle of length from top of keel to top of beam at side of uppermost continuous deck See Sec. 3 (1c) D 24.33Owners Moyra Shipping Co. Ltd.Register Tonnage 759.121st Longitudinal Number (L x D) = 6,034Managers —  
(Where necessary to be entered in Reg. Book)2nd Numeral L x (B + D) = 15,722Residence Halifax, Nova ScotiaREGISTERED DIMENSIONS.  
FEET.Length 248.0Framing Depth "d" at middle of length. See Sec. 3 (1d) 14.06Breadth 39.5Proportions—Depth to Length—Uppermost continuous deck to top of keel 10.2Depth 14.9Do. Long Bridge to top of keel 16' 3"Draught Moulded 16' 3"Port of Registry NewcastleIf surveyed while building, afloat, or in dry dock Yes

## 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.
<b>FRAMES, Spacing amidships</b>	<u>25</u>		<b>Bracket Floors, Frame</b>	<u>B.A. 6 3 38</u>	
" " from $\frac{3}{8}$ length to Collision bulkhead	<u>25</u>		" " Reversed Frame	<u>B.A. 5 1/2 3 39</u>	
" " in peaks	<u>24</u>		" " Vertical Struts	<u>B.A. 5 1/2 3 39</u>	
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	<u>33 x 44</u>	
Frame Amidships, Angle <u>E or F</u>	<u>6 1/2 3 48</u>		" " top Angle	<u>3 3 42</u>	
" " Extends up to <u>2<sup>nd</sup> Deck</u>			" " bottom Angle	<u>3 1/2 3 1/2 46</u>	
Reversed Frame Amidships, Angle <u>—</u>	<u>✓</u>		<b>Side Girders, No. each side and thickness</b>	<u>One — 34</u>	
" " Extends up to <u>—</u>	<u>✓</u>		<b>Margin Plate depth (excl. of flange) and thickness</b>	<u>30 1/2 x 40</u>	
Depth of Framing Girder	<u>6 1/2</u>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	<u>3 3 34</u>	
Frames in Uppermost Continuous 'tween Decks, Angle <u>E or F</u>	<u>5 3 36</u>		" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	<u>5 5 34</u>	
" " Second 'tween Decks, Angle <u>E or F</u>	<u>✓</u>		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	<u>✓</u>	
" " Third " " " "	<u>✓</u>		" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem	<u>✓</u>	
Framing in Peaks, Angle or <u>E or F</u>	<u>5 1/2 3 35</u>		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	<u>50 1/2 x 37</u>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<u>3/4 - 5"</u>		<b>INNER BOTTOM PLATING.</b>		
State if Frame Joggled <u>Yes</u>			Breadth and thickness of Middle Line Strake	<u>45 x 42</u>	
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars	<u>Side Shell + 0.6. 2 Runners each side 8 x 3 x 42 B.A. Frames 8 x 3 x 42 B.A.</u>		Thickness of remainder in Holds	<u>34 1/2 in way of Hatches</u>	
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars	<u>Frame 8 x 3 x 35. 12 extra 1/2 in intercostals each side. Bottom shell amidships thickness</u>		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?	<u>Yes</u>	
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
Floors, Depth and thickness at mid-line in Holds	<u>✓</u>		Uppermost Continuous Deck, amidships in Holds, Angle <u>E or F</u>	<u>5 1/2 3 37</u>	
Height of Brackets at side above base line at toe of frame	<u>✓</u>		" " in way of Bridge, Angle <u>E or F</u>	<u>✓</u>	
Middle Line Keelson, on Floors, Angles, <u>E or F</u>	<u>✓</u>		Spacing	<u>Every</u>	
" " Through Plate or Intercostal Plate	<u>✓</u>		Second Deck, amidships, Angle <u>E or F</u>	<u>5 1/2 3 37</u>	
" " Foundation Plate on Floors	<u>✓</u>		Spacing	<u>Every</u>	
" " Flat Plate Keel Angles	<u>✓</u>		Third Deck, amidships, Angle, <u>E or F</u>	<u>✓</u>	
Side Keelsons, No. each side	<u>✓</u>		Spacing	<u>✓</u>	
" " thickness of Intercostal Plate	<u>✓</u>		Fourth Deck, amidships, Angle, <u>E or F</u>	<u>✓</u>	
" " Angles	<u>✓</u>		Spacing	<u>✓</u>	
<b>DOUBLE BOTTOM.</b>			Poop Deck, Angle, <u>E or F</u>	<u>✓</u>	
Solid Floors, thickness and spacing	<u>34. Every 3"</u>		Spacing	<u>✓</u>	
" " Are Frame and Reversed Frame joggled?	<u>Yes</u>		Bridge Deck, Angle, <u>E or F</u>	<u>✓</u>	
Bracket Floors, breadth and thickness at middle line	<u>27 x 34</u>		Spacing	<u>✓</u>	
" " breadth and thickness at margin plate	<u>27 x 34</u>		Forecastle Deck, Angle, <u>E or F</u>	<u>✓</u>	
			Spacing	<u>✓</u>	



# 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, No. of Rows.....</b>	One		Stringer Plate, breadth and thickness in way of Bridge .....	✓	
"    in 'tween Decks, Size and Spacing.....	3 1/2" wide Spaced		Thickness of Plating abreast Deck openings in way of Wells .....	30	
"    "    "    "    "    "			Thickness of Plating abreast Deck openings in way of Bridge .....	✓	
"    in Holds    "    "	9x3 1/2x3 1/2x54 1/2 7x3 1/2x3 1/2x50 double channels wide spaced		Thickness of Plating within line of openings...	30	
"    "    "    "    "    "			If Sheathed, material and thickness .....	✓	
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of .....	✓		If Plated, state thickness.....	✓	
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	4 7/8 x 38.		If Plated, state thickness .....	✓	
"    "    "    "    in way of Bridge	✓		<b>Poop Deck.</b>		
"    Angle in Wells .....	3 1/2 3 1/2 40		Stringer Plate, breadth and thickness .....	✓	
Thickness of Plating abreast Deck openings in way of Wells .....	32		Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating abreast Deck openings in way of Bridge .....	✓		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	30		Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness .....	✓		Plating, Sheathing, material and thickness ...	✓	
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells	4 7/8 x 34		Stringer Plate, breadth and thickness.....	✓	
			Plating, Sheathing, material and thickness ...	✓	

# SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. No		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	RIVETS.	NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing or to cr.	
FLAT PLATE KEEL .....	4 1/2	.51	.47	.47		Double	3/4 3	3	7/8	3 1/8	Shapped
"    DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes .....	3	.44	.40	.40		Double	3/4 3	3	3/4	2 5/8	Shapped
BILGE PLATING, No. of Strakes .....	1	.44	.40	.40		Double	3/4 3	3	3/4	2 5/8	do
SIDE PLATING, No. of Strakes .....	2	.44	.40	.40		Double	3/4 3	3	3/4	2 5/8	do
UPPER DECK, Sheer-strake in Wells.....	62	.45	.40	.40		Double	3/4 3	3	3/4	2 5/8	do
UPPER DECK, Sheer-strake in Bridge ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
STRAKE BELOW Sheer-strake in Wells.....	62	.45	.40	.40		Double	3/4 3	3	3/4	2 5/8	Shapped
STRAKE BELOW Sheer-strake in Bridge ...	✓										
POOP SIDE PLATING .....	✓										
BRIDGE SIDE PLATING ...	✓										
FORECASTLE SIDE PLATING	✓										

# WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>	
Extending to Upper Deck (Sec. 3 c)	4
"    Deck next below	
As per Rule	4

# STIFFENERS.

	Plating Thickness.	VERTICAL.				HORIZONTAL.			
		SCANTLINGS.		SPACING.		SCANTLINGS.		SPACING.	
<b>MIDSHIP BULKHEAD, Upper tween decks</b>									
"    "    Second    "									
"    "    Third    "									
"    "    Holds .....		40-26	6x3x40	30					
<b>COLLISION</b> "    (in Hold) .....		46-26	9x3 1/2x40	30	24	W.Y. Flat			
<b>AFTER PEAK</b> "    "    .....		39-28	5 1/2x32x52	24	24	Step one frame piece			

# FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar .....</b>	✓			
<b>STEM .....</b>	Forging	7 1/2 x 2	Renard & Co.	
<b>STERN FRAME</b> { Propeller Post .....	Forging	7 1/2 x 5 1/2	J.S. Foster	
{ Rudder .....	✓			
<b>RUDDER—A x D.....</b>			Balanced Rudder	
<b>Speed of Vessel.....</b>			Not exceeding 10 Knots	
<b>RUDDER</b> mainpiece at head ...	Forging	7 1/2	J.S.	
"    "    heel ...		5 5/8	Foster	
"    how constructed .....			Balanced Reaction Rudder	
"    double or single plate	Single	.89		
"    coupling, vertical or horizontal.....	Vertical			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) **Open Hearth**  
**Granadeshire Steel Co., Cargo Fleet, Dorman Long, Pease Partners, South**  
**Durham, Consett**

Has the Steel been tested as required by the Rules? **yes**



EQUIPMENT No 16022										LETTER y		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.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
33606	1st Bower ...	33	0	14				30	19	1	14		Burgess & Smedley	✓	L.P.H.S. 3.2.31. J.H.B.
33605	2nd „ ...	33	0	7				30	19	1	14		“ “ “	✓	L.P.H.S. 3.2.31. J.H.B.
33670	3rd „ ...	28	2	0				27	10	0	0		“ “ “	✓	L.P.H.S. 18.3.31. J.H.B.
	Collective weight,	94	2	21								94-0-0			
46232	Stream .....	8	2	8	2	0	20	10	15	0	0	8-2-0	Iron Stock	✓	L.P.H.S. 20.4.31. J.H.C.P.

## 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.	Statutory.	Supplied.	Per Rule.	Length.	Diam.				Length.	Cir.	Tons.	Length.	Cir.
	Fathoms.	Ins.	Tons.	Cwts.	qrs.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.
45867	225	1 1/8	51 1/4	7 1/2	323-0-21			Standard Kendrick's mole	L.P.H.C.H. 20.4.31. J.H.C.P.	TOWLINE	90	3 1/2	25.7	90	3 1/2
45109	15	1 1/8	51 1/4	7 1/2	21-3-0			"	L.P.H.C.H. 24.4.31. J.H.C.P.	HAWSERS & WARPS	2290	2 1/4	10.8	2290	2 1/4
	240				344-3-21	344-3-0	240	1 1/8	"	"	2290	1 3/4	6.4	2290	1 3/4
		Cir.													
Line Stream Chain Steel Wire	75	4		332			75	4							

Steering Gear, Steam *Messrs. Donkin & Co.* Steering Gear, Hand *No. 1. Aust. Block & tackle & Patent carrier and bridle*

Boats 2. 21 ft. Steering Chains, Size and Test *7/8. 118. C.O.O.* Windlass *Clarke Chapman*

Ceiling in Holds, thickness and material *None* Cargo Battens, thickness, material and spacing *6" x 2" W.P. 9" space.*

Cargo Hatchways.—(Upper Deck) *Steel plates and angles* Thickness of Hatches *2 1/2.*

Size of No. 1 Hatchway (Forward) *22' 11" x 18' 0"* No. 2 *25' 0" x 18' 0"* No. 3 *22' 11" x 18' 0"* No. 4 *18' 9" x 18' 0"* No. 5 *No. 6*

Number of Shifting Beams and/or Fore and Afters *No. 1-4. No. 2-3. No. 3-3. No. 4-2.*

*4 see hold reports.* FOR **SWAN, HUNTER & WIGHAM RICHARDSON LTD.**  
Builder's Signature *R. S. Weallans*

GENERAL DECLARATION. It should be stated (a) whether the vessel 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.

*The vessel has been constructed in accordance with the approved plans, the Society's Rules and the Secretary's letter.*

*The materials and workmanship are good.*

*The double bottom tanks, fore and after peaks, decks, waterways, and bulkheads have been tested as required by the Society's Rules and found satisfactory.*

*The windlass, steering gear and pumps have been tried and found satisfactory.*

*The following approved plans are enclosed:—Midship Section, Profile & Decks, Stemframe and Rudder, Pillars & Guides, Pumping Plan, Painting Arrangements & Collision Bulkhead, after Peak, Second Deck Scuppers. (8 plans.)*

*also Midship Section and Profile & Decks as built (2 plans.)*

*2 Forging Certificates:—Rudder & Teller, Stemframe.*

*The freeboard has been verified and cut in on the vessel's sides.*

The amount of Entry Fee ..... £ 5 : 0 : 0 Fees applied for, *18 May 1931*

Special Survey Fee.... £ 139 : 12 : 0 Received by me, *20.6.1931*

*Freeboard* 5 : 0 : 0

Travelling Expenses, if any £ : : :

I am of opinion the Vessel should be Classed *+100A1*

*Shelter Deck with freeboard*

*NO*

Signature *Colin Bartlett*

Surveyor to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey *yes*

Certificate to be sent to *LONDON* Date of issue *22/6/31*

Committee's Minute *TUE. 2 JUN 1931*

Character assigned *+100A1*

*with freeboard*

*Write Lloyds*

*N/A*

*Lloyds A & Co.*

*+ L.M.C. 5, 31*

*C.L.*

*My*



© 2021

Lloyd's Register  
Foundation

011001-011010-01523



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.)

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	22-1-0. K.H. 8262. 25.7.30.
	2nd "	22-1-0. K.H. 8242. 11.7.30.
	3rd "	19-2-21. K.H. 9093. 25.2.31.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft.  
(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) 4 SHELTER DK:(STL)

Official No. 161562. : Signal Letters Is bottom of Vessel coated with cement Yes. No. per if not give particulars of composition Section 32.b. Rules

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	75	147	Fore peak tank,	17	57
Double bottom, under Engines and Boilers,	27	72	After peak tank,	14	39.
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	104	247	Other tanks, if fitted,		
	Total capacity of double bottom	466.	(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. 5764

Date 30. 1. 31

Dates of Surveys held while building

1931. Jan. 29. Feb. 2. 4. 7. 9. 12. 14. 17. 18. 19. 20. 24. 26. Mar. 3. 4. 6. 10. 11. 13. 16. 19. 20. 24. 27. 31.  
Apr. 2. 8. 10. 14. 17. 20. 22. 27. 29. 30. May. 3. 5. 7. 18. 20