

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

No. 69676

State if Report is also sent on the Machinery of the Vessel *Yes*
 Port of NEWCASTLE-ON-TYNE Date of completion of Report 29th Feb 1915 Received at London Office
 Survey held at South Shields Date, First Survey 21st Feb 1915 Last Survey 21st Feb 1917
 On the (State if Single, Twin, or Triple Screw) Steel Single Sc. Steamer "MARKWORTH" Rig Schooner

TONNAGE under Tonnage Deck...
 Do. between Tonnage Dk and 3rd, 4th, or Awning Dk. 4335.26
Total under Upper Dk. 4335.26
 Do. of Poop Home Tailor 5.90
 Do. of Home Tailor 21.55
 Do. of Home Tailor 2.88
 Do. of Forecastle Crewspace 92.60
 Do. of Houses on Deck 120.15
 excess of Hatchways
 Crown of Room 4578.64
 Space 128.05
 Crown of Room 4450.59
 FOR FEES... 445.16
 ne Room 77.39
 gation Spaces

CLASS + 100A1 shelter dk.
Breadth (greatest moulded) 51.29
Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 25.50
Deduct height of 'tween deck when this does not exceed 8ft. 179.19
Transverse Number 31916
Length on deck from fore part of stem to after part of sternpost 400
Longitudinal Number 31916
Depth "d" at middle of length. See Secs. 2 & 13... 24.92
Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 10.9
 " " " Upper Deck at side to top of keel 14.0

Master J. Ferguson
Year of Appointment (1) As Master in service of owner of present vessel: -191...
 (2) As Master of this vessel: -191...
Built at South Shields
When built 1917 **Launched** Nov. 9th 1916
By whom built John Readhead & Son, Ltd.
Owners Dalglish Steam Shipping Co. Ltd.
Managers R. S. Dalglish
 (Where necessary to be entered in Reg. Book.)
Residence Newcastle
Port belonging to Newcastle

Tonnage 2908.04 **Destined Voyage** all three **If Surveyed while Building, Afloat, or in Dry Dock** all three

TH on	Ft.	Ins.	BREADTH	Ft.	Ins.	DEPTH, ACTUAL	Top of Floors to top of Awn. or Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid	one side
per Rule	400	0	Moulded	51	3 1/2	Do.	in way of Upper Deck Beams	26	10	No. of Tiers of Beams	one side
ns of Ship per Register,											
Length	51.6		breadth	26.85		depth	Awn. or Shelter Dk. Moulded depth, ft. 36 ins. 5 1/2 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual .. 12 ins				
							Upper Deck. Moulded depth, ft. 28 ins. 6 To Upper Dk.				

FRAMING.						PILLARS.					
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.
Angles, or E or L Bars, amidships	12	3 1/2	68	12	3 1/2	68	PILLARS, In 'tween Deck, size and spacing				
peaks	16	3 1/2	36	6	3 1/2	36	" " Hold	"	"	Centre line bulkhead	
way of Double Bottoms at Solid Floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42	" Quarter, 'tween Dks., "	"	"	"	
" " at intermdt. Bkts.	5	3 1/2	58	5	3 1/2	58	" " in Hold	"	"	"	
of Frames from centre to centre amidships	28			28			KEELSONS AND STRINGERS.				
" length to collision bulkhead	28			28			CENTRE LINE KEELSON, Vertical Plate above	43	60	43	60
of Frames from centre to centre in peaks	26			26			boards, Through Plate, or Intercoastal Plate	14	60	14	60
SED FRAME , Angles, in peaks	3 1/2	3 1/2	36	3 1/2	3 1/2	36	" Rider Plate	4 1/2	4 1/2	4 1/2	4 1/2
way of Double bottoms at Solid Floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42	" Flat Keel Plate Angles	12	58	12	58
" " at intermdt. Bkts.	5 1/2	3 1/2	48	5 1/2	3 1/2	48	" Horizontal Plates on Floors	6 1/2	3 1/2	6 1/2	3 1/2
NG , depth of girder	12			12			" Angles or Bulb Angles	6 1/2	3 1/2	6 1/2	3 1/2
S , depth and thickness of Floor Plate at mid-line for 1/4 length amidships	43	42		43	42		SIDE KEELSONS , Number... one	6 1/2	3 1/2	6 1/2	3 1/2
in way of Engine and Boiler spaces	32	58		32	58		" Angles or Bulb Angles	6 1/2	3 1/2	6 1/2	3 1/2
thickness at the ends of vessel	138			138			" Plate above floors, for Bulb space length	11	60	11	60
depth at 1/2 the half-bdth. as per Rule	Horizontal						" Intercoastal Plate, for " length	150		150	
height extended at the Bilges	Horizontal						" Attached to outside plating with Angle	3 1/2	3 1/2	42	3 1/2
S , in Cell Double Bottoms	43	42		43	42		SIDE KEELSON , Angles (2 keelsons) one	6 1/2	3 1/2	6 1/2	3 1/2
state if flanged (top and bottom)	not flanged						" Intercoastal Plate, for Bulb space length	150		150	
spacing of Solid	56			56			" Attached to outside plating with Angle	3 1/2	3 1/2	42	3 1/2
E GIRDER , in Dbl. bottom, dpth. & thknss	43	50		43	50		SIDE STRINGERS , Number	no side stringers			
" Angle, Top	4 1/2	4 1/2	60	4 1/2	4 1/2	60	" " Angle	18 keel plating stringers			
" " Bottom	4 1/2	4 1/2	60	4 1/2	4 1/2	60	" " Intercoastal Plate, for lng.				
" " to Floors	3 1/2	5	56	5	5	56	" Attached to outside plating with Angle				
Brackets at intermdt. frmg., wdth & thknss	24	42		24	42		Awning or Shelter Deck Stringer Plates , breadth and thickness	54	54	54	54
RDERS , number and thickness	3	40		3	40		" Angle on ditto	5x5	58	5x5	58
" state if flanged (top & bottom)	flanged at top only						" Tie Plates, fore and aft, outside Hatchways	1		1	
Angles	3 1/2	3 1/2	40	3 1/2	3 1/2	40	" Deck * Iron or Steel, for whole lng.	1	38	1	38
N PLATE , depth (exclusive of flange) and thickness	35	48		35	48		" Wood Deck, Material & thickness	1		1	
Angles to outside plating	4	4	48	4	4	48	Upper Deck Stringer Plate , breadth and thickness	60	46	60	46
" to floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40	" Angles on ditto, No. 11 keels	3 1/2x3 1/2	46	3 1/2x3 1/2	46
Brackets at intermdt. frmg., wdth & thknss	21	42		21	42		" Tie Plates, outside Hatchways	1		1	
Height of Brackets above at bilge	3 1/2			3 1/2			" Deck * Iron or Steel, for whole lng.	1	34	1	34
BOTTOM PLATING , breadth and thickness of Middle Line Strake	48	54		48	54		" Wood Deck, Material & thickness	1		1	
" thickness in Engine and Boiler space	50	88		50	88		Second Deck Stringer Plates , br'dth & thkn's				
" Remainder in Holds	44			44			" Angles on ditto, No.				
Awng or Shltr Dk , Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 1/2	3	48	8 1/2	3	48	" Tie Plates, outside Hatchways				
acing	28			28			" Deck * Material and thickness				
Upper Deck , Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 1/2	3 1/2	52	8 1/2	3 1/2	52	Third, Fourth & Fifth Deck Stringer Plate , breadth and thickness				
acing	28			28			" Angles on ditto, No.				
S, Second, Third & Fourth Deck , Single Angle, Bulb Angle, Plate, Tee Bulb or Channel							" Tie Plates, outside Hatchways				
Angles on upper edge							" Deck, Material and thickness				
" Spacing							Poop Deck Stringer Plate , breadth & thickness				
BEAMS , Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							" Angles on ditto				
Angles on upper edge							" Tie Plates				
" Spacing							" Deck, Material and thickness				
BEAMS , Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							Bridge Deck Stringer Plate , br'dth & thickness				
Angles on upper edge							" Angle on ditto				
" Spacing							" Tie Plates				
BEAMS , Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							" Deck, Material and thickness				
Angles on upper edge							Forecastle Deck Stringer Plate , br'dth & th'kns				
" Spacing							" Angle on ditto				
							" Tie Plates				
							" Deck, Material and thickness				

* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

W631 - 0065 1/2

Form No. 1B. WEB FRAMES. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. FORGINGS or CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. do. RUDDER-A x D Table 22. Speed. RUDDER, how constructed. PLATING. STRAKES. RIVETING. BUTTS. MASTS, SPARS, &c.

EQUIPMENT No. 34603 LETTER 4. ANCHORS. CHAIN CABLES. HAWSEERS AND WARPS. Boats. Pumps. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. State size No. 1 Hatch. Number of Web Plates. Bulwarks. Correspondence. Workmanship. General Remarks. The amount of Entry Fee. Travelling Expenses. Committee's Minute. Character assigned.

GENERAL REMARKS—(continued).

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 (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *1 dk (all) + shelter dk (all)*

Official No. *133592*; Signal Letters _____ State if Machinery is fitted aft *no*
How are the surfaces preserved from oxidation? Inside *Portland Cement Paint* Outside *paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>130.66</i>	<i>356</i>	Fore peak tank,	—	—
Double bottom, under Engines and Boilers,	—	—	After peak tank,	<i>13</i>	<i>61</i>
Double bottom, if under Engines only,	<i>13.33</i>	<i>93</i>	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	<i>197.33</i>	<i>585</i>	Other tanks, if fitted,	—	—
Total capacity of double bottom		<i>1033</i>	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules *yes*

Order for Special Survey No. *4594*

Date *4.6.1915*

No. *452* in builder's yard.

DATES OF SURVEYS held while building

1915
Sept 29 Oct 21 28 Nov 1 4 8 16 18 19 26 27 29 Jan 19 26 Feb 2 11 Mar 28 Apr 10 27
May 10 29 Jun 20 30 Jul 5 25 Aug 7 16 28 Sep 5 13 19 26 27 Oct 3 6 12 13 20 23
Nov 2 9 Dec 13 27 Jan 4 9 11 18 19 22 25 30 Feb 1 2 6 8 9 18 19 21
1916

Total No. of Visits *61*

Surveyor's Signature

John Brown

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