

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office: 17 SEP 1917

State of Report is also sent on the Machinery of the Vessel

Date of completion of report 14th September, 1917. Port of Luth. No. 15250.
Survey held at Grangemouth. Date, First Survey Apr. 7th 1916. Last Survey September 5th 1917.
On the (State if Single, Twin, or Triple Screw) Single screw steamer "Broompark". Rig Fore & Aft schooner.
TONNAGE under Tonnage Deck... 1791.34 CLASS +100A1
Do. between Tonnage Dk. and 3rd and 4th Dk. 47.07
Total under Upper Dk. 1838.41
Do. of Poop 136.26
Do. of R.Q.Dk. 44.94
Do. of Bridge House 61.99
Do. of Houses on Dk. 44.56
Do. of excess of Hatchways 2126.19
Engine Room 72.41
Gross Tonnage 2059.78
Brew Space 180.38
Boiler Room 62.29
Navigation Spaces 1311.12
Destined Voyage If Surveyed while Building, Afloat, or in Dry Dock

WIDTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
per Rule	280	0	Moulded	41	8	Do. do. do. do. Second Dk. Beams		19	0	one
Moulded depth, ft. 27 ins. 9 1/2 To Bridge Dk. Round of Upper Dk. Beam, Actual 14 1/2 ins.										
Moulded depth, ft. 20 ins. 9 1/2 To Upper Dk.										
DIMENSIONS OF SHIP PER REGISTER.			Length		breadth		depth			
FRAMING.			Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
NAME, Angles, or Bars amidships	8 1/2	3	56	9	3	48				
o. in peaks	8 1/2	3	50	8 1/2	3	58				
o. in way of Double Bottoms at Solid Floors	3	3	34	3	3	34				
" at intermdt. Bkts.	8 1/2	3	44	7 1/2	3	44				
ing of Frames from centre to centre amidships			30			30				
" from 1/2 length to Collision bulkhead			27			27				
" in peaks	8 1/2	3	50	8 1/2	3	58				
VERSED FRAME, Angles	8 1/2	3	56	9	3	48				
o. in way of Double Bottoms at Solid Floors	3	3	34	3	3	34				
" at intermdt. Bkts.	8 1/2	3	44	7 1/2	3	44				
AMING, depth of girder	36	37	26	36	37	26				
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	36	37	26	36	37	26				
in way of Engine and Boiler Spaces	36	37	26	36	37	26				
thickness at the ends of vessel	36	37	26	36	37	26				
depth at 1/2 the half breadth, as per Rule	36	37	26	36	37	26				
height extended at the Bilges	36	37	26	36	37	26				
ORS in Cell. Double Bottoms	36	37	26	36	37	26				
state if flanged (top & bottom)	36	37	26	36	37	26				
Spacing of Solid floors	60		60			60				
TRE GIRDER, in Dbl. bottom, dpth. & thknss.	36	37	26	36	37	26				
" Angles, Top	4	4	52	4	4	52				
" Bottom	4	4	52	4	4	52				
" to Floors	3	3	34	3	3	34				
Brackets at intermdt. frmg., wdth & thknss	39	34	85	44	39	34	85	44		
E GIRDERS, number on each side & thickness	One	32	85	44	One	32	85	44		
" state if flanged (top and bottom)	Two		80			80				
" Angles (top and bottom)	3	3	34	85	44	3	34	85	44	
" to Floors	3	3	34	85	44	3	34	85	44	
GIN PLATE, depth (exclusive of flange) and thickness	29	40	85	48	29	40	85	48		
" Angle to Outside Plating	3 1/2	3 1/2	38	3 1/2	3 1/2	38				
" Floors	3	3	34	85	44	3	34	85	44	
Brackets at intermdt. frmg., wdth & thknss	33	34	85	44	33	34	85	44		
Height of Outside Brackets above at bilge	20		20			20				
R BOTTOM PLATING, breadth and thickness of Middle Line Strake	45	50	85	60	45	50	85	60		
" in Engine and Boiler space	45	50	85	60	45	50	85	60		
" Remainder in Holds	42	4	34	38	6	38				
IS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 1/2	3	48	8 1/2	3	48				
In way of Long Bridge	7 1/2	3	44	7 1/2	3	44				
Spacing	30	27	23 1/2	30	27	23 1/2				
IS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel										
Spacing										
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel										
Angles on upper edge										
Spacing										
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	3	50	7 1/2	3	50				
Angles on upper edge										
Spacing	60	47	60	47		60	47			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6	3	38	6	3	38				
Angles on upper edge										
Spacing	30		30			30				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6 1/2	3	46	6 1/2	3	46				
Angles on upper edge	6 1/2	3	46	6 1/2	3	46				
Spacing	42	36	42	36		42	36			
PILLARS.			Inches in Ship		Inches in Ship		Inches in Ship		Inches in Ship	
PILLARS, In 'tween Deck, size and spacing			Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
" Hold	25	54	25	54		25	54		25	54
" Quarter 'tween Dks.	25	54	25	54		25	54		25	54
" in Hold	25	54	25	54		25	54		25	54
KEELSONS & STRINGERS.			Inches in Ship		Inches in Ship		Inches in Ship		Inches in Ship	
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
" Rider Plate										
" Flat Plate Keel Angles										
" Horizontal Plates on Floors										
" Angles or Bulb Angles										
SIDE KEELSONS, Number			Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
" Angles or Bulb Angles										
" Plate above floors, for length										
" Intercoastal Plate, for length										
" Attached to outside Plating with Angle										
BILGE KEELSON, Angles			Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
" Intercoastal Plate, for length										
" Attached to outside Plating with Angle										
SIDE STRINGERS, Number			Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
" Angle										
" Intercoastal Plate, for length										
" Attached to outside plating with Angle										
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)			Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
" br'dth & thickness (in way of Bridge)										
" Angle (clear of Bridge)										
" Tie Plate at sides of Hatchways										
" Deck * Iron or Steel, for full lng.										
" Thickness (clear of Bridge)										
" (in way of Bridge)										
" Wood Deck. Material & thickness										
Second Deck Stringer Plate, br'dth & thickness			Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
" Angles on ditto, No.										
" Tie Plates outside Hatchways										
" Deck * Iron or Steel, for lng.										
" Wood Deck. Material & thickness										
Third Deck Stringer Plate, br'dth & thickness			Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
" Angles on ditto, No.										
" Tie Plates, outside Hatchways										
" Deck * Material and thickness										
Fourth and Fifth Deck Stringer Plate, breadth & thickness			Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
" Angles on ditto, No.										
" Tie Plates outside Hatchways										
" Deck. Material & thickness										
Poop Deck Stringer Plate, breadth & thickness			Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
" Angle on ditto										
" Tie Plates										
" Deck. Material and thickness										
Bridge Deck Stringer Plate, br'dth & thickness			Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
" Angle on ditto										
" Tie Plates										
" Deck. Material and thickness										
Forecastle Deck Stringer Plate, br'dth & th'kns			Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
" Angle on ditto										
" Tie Plates										
" Deck. Material and thickness										

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 21.3 ft., R.Q.D. ✓ ft., Bridge 64.5 ft., Forecastle 29.2 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *not joined*

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). *One steel deck and one tier of beams*
 Official No. 134053; Signal Letters _____ State if Machinery is fitted aft *No*
 How are the surfaces preserved from oxidation? Inside *Paint + cement* Outside *paint*

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

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	40.0	139	Fore peak tank,	14.6	55
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	13.9	46
Double bottom, if under Engines only,	27.6	74	Deep tank, aft,		
Double bottom, if under Boilers only, <i>Dry tank, top plating open</i>	124.3	303	Deep tank, forward,		
Double bottom, forward, <i>+5.0 into stoke room</i>			Other tanks, if fitted,		
Total capacity of double bottom		523	(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. 1014

Date 4th May 1916

No. 364A in builder's yard.

DATES of Surveys held while building

1916. Apr. 7, 11, 14, 18, 24, 28, May 3, 5, 8, 10, 12, 15, 19, 22, 26, 29, 31, June 5, 7, 29, July 5, 10, 12, 17, 19, 24, 28, Aug. 31, Sept. 4, 29, Oct. 2, 6, 11, 25, Nov. 1, 6, 8, 13, 15, 21, 27, 29, Dec. 4, 8, 10, 13, 18, 20, 28, Jan. 8, 10, 12, 15, 17, 19, 22, 24, 26, 29, 31, Feb. 2, 5, 7, 9, 12, 14, 16, 19, 21, 28, Mar. 2, 5, 7, 14, 17, 19, 28, Apr. 2, 4, 9, 16, 19, 23, 25, 30, May 8, 10, 12, 17, 21, 23, 25, 28, June 1, 4, 6, 11, 20, 25, 27, 30, 31, 4, 9, 11, 25, 27, 31, Aug. 6, 8, 10, 13, 20, 22, 27, 29, Sept. 3, 5.

Total No. of Visits 118.

Surveyor's Signature

W. Henderson

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