

With or Without  
Disconnected Erections.

STANDARD "D"  
STEEL STEAMER.

Received at London Office MON 3-JUN. 1918

Date of completion of report 1 JUN. 1918  
Survey held at SUNDERLAND

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

Port of SUNDERLAND

No. 27246

Date, First Survey 10 Jul 17

Last Survey 30<sup>th</sup> May 1918

On the (State if Single, Twin, or Triple Screw) STEEL SINGLE SCREW S.S. "WAR BATTERY"

Rig NONE

TONNAGE under Tonnage Deck... 1773.81

CLASS 100 A.I.

FEET.

Master G. G. BELL

Year of appointment (1) As Master in service of owner of present vessel, 1913 (2) As Master of this vessel 1918

Do. between Tonnage Dk. and 3rd and 4th Dk. 1773.81

Breadth (greatest moulded) 41.75

41.75

Total under Upper Dk. 1773.81

Depth, at middle of length from top of keel to top of upper deck beams at side 21.20

21.20

Do. of Poop 72.02

Transverse Number 62.95

62.95

Do. of R.Q.Dk. 159.35

Length on deck from fore part of stem to after part of stern post 284.6

284.6

Do. of Bridge House 120.23

Longitudinal Number 17915

17915

Do. of Forecastle (House M) 5.92

Depth "d," at middle of length (See Secs. 2 & 13) 18.16

18.16

Do. of Houses on Dk. 96.98

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.42

13.42

Do. of excess of Hatchways 123.74

Beam at side to top of keel 10.96

10.96

Do. above Crown of Engine Room 2351.85

Destined Voyage NOT STATED

Surveyed while Building, Afloat, and in Dry Dock UNDER SPECIAL SURVEY

Beam at side to top of keel 10.96

10.96

Gross Tonnage 110.03

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.42

13.42

Crew Space 2241.82

Beam at side to top of keel 10.96

10.96

Do. above Crown of Engine Room 752.59

Beam at side to top of keel 10.96

10.96

Navigation Spaces 146.43

Beam at side to top of keel 10.96

10.96

Net Tonnage 1342.80

Beam at side to top of keel 10.96

10.96

Do. on Beam 1342.80

Beam at side to top of keel 10.96

10.96

Length on Deck 284

Beam at side to top of keel 10.96

10.96

Feet. 284

Beam at side to top of keel 10.96

10.96

Inches. 7 1/4

Beam at side to top of keel 10.96

10.96

BREADTH—Moulded 41

Beam at side to top of keel 10.96

10.96

Feet. 41

Beam at side to top of keel 10.96

10.96

Inches. 9

Beam at side to top of keel 10.96

10.96

DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 19 0 1/2

Beam at side to top of keel 10.96

10.96

Feet. 19 0 1/2

Beam at side to top of keel 10.96

10.96

Inches. 0 1/2

Beam at side to top of keel 10.96

10.96

No. of Decks with flat laid ONE

Beam at side to top of keel 10.96

10.96

No. of Tiers of Beams ONE

Beam at side to top of keel 10.96

10.96

Moulded depth, ft. 25 ins. 11 1/2 To Bridge Dk. Round of Upper Dk. Beam, Actual 10 1/2 ins.

Beam at side to top of keel 10.96

10.96

Moulded depth, ft. 21 ins. 2 1/2 To Upper Dk.

Beam at side to top of keel 10.96

10.96

Dimensions of Ship per Register. Length 285.0 breadth 42.0 depth 19.16

Beam at side to top of keel 10.96

10.96

FRAMING.

Beam at side to top of keel 10.96

10.96

AME, Angles on End Bars amidships 9 3/4 44 9 3/4 44

Beam at side to top of keel 10.96

10.96

Do. in peaks 10 3/4 45 10 3/4 45

Beam at side to top of keel 10.96

10.96

Do. in way of Double Bottoms at Solid Floors 3 3 34 3 3 34

Beam at side to top of keel 10.96

10.96

Do. at intermdt. Bkts. 24 24

Beam at side to top of keel 10.96

10.96

acing of Frames from centre to centre amidships 24 24

Beam at side to top of keel 10.96

10.96

Do. length to Collision bulkhead 24 24

Beam at side to top of keel 10.96

10.96

Do. in peaks 24 24

Beam at side to top of keel 10.96

10.96

VERSED FRAME, Angles 3 3/4 44 3 3/4 44

Beam at side to top of keel 10.96

10.96

Do. in way of Double Bottoms at Solid Floors 3 3 34 3 3 34

Beam at side to top of keel 10.96

10.96

Do. at intermdt. Bkts. 9 10 9 10

Beam at side to top of keel 10.96

10.96

AMING, depth of girder 9 10 9 10

Beam at side to top of keel 10.96

10.96

DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships 24 24

Beam at side to top of keel 10.96

10.96

Do. in way of Engine and Boiler Spaces 24 24

Beam at side to top of keel 10.96

10.96

Thickness at the ends of vessel 24 24

Beam at side to top of keel 10.96

10.96

Depth at 1/2 the half breadth, as per Rule 36 46 36 46

Beam at side to top of keel 10.96

10.96

Height extended at the Bilges 36 46 36 46

Beam at side to top of keel 10.96

10.96

BOOKS in Cell. Double Bottoms 36 46 36 46

Beam at side to top of keel 10.96

10.96

State if flanged (top & bottom) NO NO

Beam at side to top of keel 10.96

10.96

Spacing of Solid floors 24 24

Beam at side to top of keel 10.96

10.96

NTRE GIRDER, in Dbl. bottom, dpth. & thknss. 36 46 36 46

Beam at side to top of keel 10.96

10.96

Angles, Top SINGLE 6 6 50 6 6 50

Beam at side to top of keel 10.96

10.96

Bottom SINGLE 6 6 50 6 6 50

Beam at side to top of keel 10.96

10.96

Do. to Floors 3 3 34 3 3 34

Beam at side to top of keel 10.96

10.96

Brackets at intermdt. frmg., wdth & thknss 24 24

Beam at side to top of keel 10.96

10.96

DE GIRDERS, number on each side & thickness 24 24

Beam at side to top of keel 10.96

10.96

State if flanged (top and bottom) NO NO

Beam at side to top of keel 10.96

10.96

Angles (top and bottom) 3 3 34 3 3 34

Beam at side to top of keel 10.96

10.96

Do. to Floors 3 3 34 3 3 34

Beam at side to top of keel 10.96

10.96

BRGIN PLATE, depth (exclusive of flange) 38 48 38 48

Beam at side to top of keel 10.96

10.96

and thickness 3 3 38 3 3 38

Beam at side to top of keel 10.96

10.96

Angle to Outside Plating 3 3 34 3 3 34

Beam at side to top of keel 10.96

10.96

Floors 3 3 34 3 3 34

Beam at side to top of keel 10.96

10.96

Brackets at intermdt. frmg., wdth & thknss 36 39 36 39

Beam at side to top of keel 10.96

10.96

Height of Outside Brackets above at bilge 36 39 36 39

Beam at side to top of keel 10.96

10.96

IER BOTTOM PLATING, breadth and thickness of Middle Line Strake 36 50 36 50

Beam at side to top of keel 10.96

10.96

in Engine and Boiler space 25 50 25 50

Beam at side to top of keel 10.96

10.96

Remainder in Holds 50 50

Beam at side to top of keel 10.96

10.96

BEAMS, Upper Deck, Single Angle, Bulb 8 3 46 8 3 46

Beam at side to top of keel 10.96

10.96

Angle, Plate, Tee Bulb, or Channel 9 3 56 9 3 56

Beam at side to top of keel 10.96

10.96

In way of Long Bridge 24 24

Beam at side to top of keel 10.96

10.96

Spacing 8 3 46 8 3 46

Beam at side to top of keel 10.96

10.96

Angle, Plate, Tee Bulb, or Channel 24 24

Beam at side to top of keel 10.96

10.96

BEAMS, Third and Fourth Deck, Single Angle, Bulb 6 3 40 6 3 40

Beam at side to top of keel 10.96

10.96

Angle, Plate, Tee Bulb, or Channel 24 24

Beam at side to top of keel 10.96

10.96

Angles on upper edge 24 24

Beam at side to top of keel 10.96

10.96

Spacing 24 24

Beam at side to top of keel 10.96

10.96

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 6 3 50 6 3 50

Beam at side to top of keel 10.96

10.96

Angles on upper edge 24 24

Beam at side to top of keel 10.96

10.96

Spacing 24 24

Beam at side to top of keel 10.96

10.96

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 8 3 46 8 3 46

Beam at side to top of keel 10.96

10.96

Angles on upper edge 48 48

Beam at side to top of keel 10.96

10.96

Spacing 48 48

Beam at side to top of keel 10.96

10.96

PILLARS.

PILLARS In 'tween Deck, size and spacing 2 1/2 48 2 1/2 48

" Hold 8x8 IN LIEU 8x8 IN LIEU

" Quarter 'tween Dks., " " 8x8 IN LIEU 8x8 IN LIEU

" in Hold " " 8x8 IN LIEU 8x8 IN LIEU

KEELSONS & STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate 8 40 8 40

Rider Plate 3 1/2 48 3 1/2 48

Flat Plate Keel Angles 3 1/2 48 3 1/2 48

Horizontal Plates on Floors 3 1/2 48 3 1/2 48

Angles or Bulb Angles 3 1/2 48 3



[illegible]

EQUIPMENT No. 19080				LETTER S.				ANCHORS				TONNAGE U.K. OR PLATING No. FOR TRAWLERS																																																																			
Number of Certificate	Anchors	WEIGHT, EX STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			WEIGHT REQUIRED BY TABLE 31.			Description of Anchor	Makers	Where and when tested and Superintendent.																																																															
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.																																																																		
78868	1st Bower	39	1	9	39	1	9	35	7	0	21	38	3	0	Stockless	N. Angier & Co. Ltd. Newcastle 5.2.18. H. Green																																																															
78933	2nd "	39	0	22	39	0	22	35	5	2	14	38	3	0	do.	do. do. 5.2.18. do.																																																															
78862	3rd "	33	0	21	33	0	21	31	1	1	0	32	2	0	do.	do. do. 5.2.18. do.																																																															
	4th "																																																																														
	Collective weight.	111	2	32								110	0	0																																																																	
79003	Stream	10	0	22	2	3	14	12	4	1	14	10	0	0	170N Stock.	N. Angier & Co. Ltd. Newcastle 5.2.18. H. Green																																																															
	Kedge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																															
Particulars of Drop Test of Cast Steel Anchors, viz.:- Weight, Surveyor's Initials, Number of Certificate, Date of Test.		1st Bower		23.2.9. 8.0N. 561. 23.8.17																																																																											
		2nd "		23.2.15. 8.0N. 722. 18.9.17																																																																											
		3rd "		21.0.14. 8.0N. 723. 18.9.17																																																																											
		4th "																																																																													
CHAIN CABLES.																HAWERS AND WARPS.																																																															
Number of Certificate	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE		Length and size per Table 31.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material	Length and size supplied.		Breaking Test of Steel Wire Towline.	Length and size per Table 31.																																																																	
	Length.	Diam.		Supplied.	Per Rule.						Length.	Diam.		Length.	Diam.	Length.	Diam.																																																														
65326	75	1 1/8	278	82 1/2	177.1.24	178.8.31	105	1 1/8	278	82 1/2	177.1.24	178.8.31	105	1 1/8	278	82 1/2																																																															
65330	105	1 1/8	278	82 1/2	177.1.24	178.8.31	105	1 1/8	278	82 1/2	177.1.24	178.8.31	105	1 1/8	278	82 1/2																																																															
65329	15	1 1/8	278	82 1/2	177.1.24	178.8.31	105	1 1/8	278	82 1/2	177.1.24	178.8.31	105	1 1/8	278	82 1/2																																																															
65328	75	1 1/8	278	82 1/2	177.1.24	178.8.31	105	1 1/8	278	82 1/2	177.1.24	178.8.31	105	1 1/8	278	82 1/2																																																															
65327	75	1 1/8	278	82 1/2	177.1.24	178.8.31	105	1 1/8	278	82 1/2	177.1.24	178.8.31	105	1 1/8	278	82 1/2																																																															
Boats 2 lifeboats 24'0" and one dinghy 16'0"																Steering Gear, Steam 4" x 6" L. L.																Steering Gear, Hand Westport Engine Works																																															
Pumps, Number None																Diameter of Barrel -																State whether they are in efficient working order -																																															
Windlass is Emerson Walker & Thompson Spgs.																Capstan -																What arrangements for deadlights in bad weather? Steel plates & rollers																																															
Engine Room Skylights.-How constructed? On steel																How are lids secured? Cleats & buttons																Height above deck? 12" on boat deck																																															
Coal Bunker Openings.-How constructed? On steel																Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 6 Scuppers on side. Freeing ports 5' x 1' 6" & 4' x 1' 6"																Cargo Battens, thickness and material None																																															
Ceiling in Holds, thickness and material None																Hatches, If strong and efficient? Yes																No. of Breasthooks 4 and deck No. of Crutches 1000 floors																																															
Cargo Hatchways.-How formed? On steel, usual construction.																State size No. 1 Hatch (Forward) 27'0" x 25'4" x 19'0"																No. 2 Hatch 42'0" x 27'6" x 25'4"																No. 3 Hatch 25'0" x 26'2" x 27'9"																No. 4 Hatch 25'0" x 25'2" x 23'6"															
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 5 webs to No 1 & 4. 8 webs to No 2 hatch.																Main Rail, material and size Transverse section 6 1/4" x 3 1/8"																																																															
Bulkheads, height above deck and description 4' 6" upper & 3' 6" R.Q. 2' 6" to 3' 6"																Surveyor's Signature J. P. Ashland																Surveyor to Lloyd's Register of Shipping.																																															
Builder's Signature (three only) J. P. Ashland Director																																																																															
Correspondence.-State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)																																																																															
Workmanship. Are the butts of plating planed or otherwise fitted? Yes																																																																															
Is the riveted work properly closed? Yes																																																																															
Are the liners between the frames and plates solid single pieces? Yes																																Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes																																															
																																Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes																																															
																																Do any rivets break into or through the seams or butts of the plating? A few																																															
Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes																																																																															
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes																																State results of tests Satisfactory																																															
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes																																State results of tests Satisfactory																																															
General Remarks (State quality of workmanship, &c.)																																																																															
This vessel has been built in accordance with the approved plans, the Secretary's letters dated as stated above and the requirements as specified. The materials and workmanship are good																																																																															
The Windlass, Steering Gear and other deck machinery were tried and found to be working in a satisfactory manner																																																																															
This vessel is a duplicate of same builders No 287 S.S. 'Hag' Curragh "See Report																																																																															



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop <sup>24.66</sup> ft., R.Q.D. <sup>96.66</sup> ft., Bridge <sup>65.5</sup> ft., Forecastle <sup>32</sup> 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 should appear in the Register Book). *ONE IR. STL.*

Official No. *142427*; Signal Letters *✓* State if Machinery is fitted aft *No*  
How are the surfaces preserved from oxidation? Inside *PORTLAND CEMENT AND 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>72.0</i>	<i>146</i>	Fore peak tank,	—	—
Double bottom, under Engines and Boilers,	<i>44.0</i>	<i>140</i>	After peak tank,	—	—
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	<i>110.0</i>	<i>287</i>	Other tanks, if fitted,	—	—
	Total capacity of double bottom	<i>573</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.

Order for Special Survey No. *5289*

Date *15.6.17*

No. *238* in builder's yard.

DATES of Surveys held while building

*1917. Jul 10. 19. 30 Aug. 10. 22. 28. 31. Sep 7. 12. 17. 28 Oct. 3. 11. 19. 27. Nov. 1. 13. 20. 24. 29 Dec 4. 8. Jan 10. 17. 29. Feb. 8. 12. 14. 16. 22. Mar 1. 6. 12. Apr 29. May 2. 6. 7. 9. 10. 15. 17. 21. 24. 28.*

Total No. of Visits *44*

Surveyor's Signature

*L. S. Atkinson*  
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