

~~Awning or Shelter Deck,~~
~~or Pt. Awning Deck.~~

STEEL STEAMER.

No. 14972

State if Report is also sent on the Machinery of the Vessel. YES.

Port of WEST HARTLEPOOL Date of completion of Report 7th AUGUST 1914 Received at London Office MON. AUG. 10. 1914
Survey held at WEST HARTLEPOOL Date, First Survey 13th January 1914 Last Survey 31st JULY 1914
On the (Single, Twin or Triple Screw) STEEL SCREW STEAMER "HAMBLETON RANGE" Rig SCHOONER.

TONNAGE under
Tonnage Deck...
Do. between Tonnage Dk. and
3rd, 4th, or Awning Dk. ...
Total under Upper Dk. 3385.52
Do. of Poop 86.86
Do. of R. Qr. Dk. ...
Do. of Bridge House ...
Do. of Forecastle 26.57
Do. of Houses on Deck 132.87
Do. of excess of Hatchways 2.09
Do. above Crown of
Engine Room ... 50.34
Tonnage 3682.25
No Space 129.46
Crown of ... 50.34 = 179.80
FOR FEES... 3502.45
Engine Room 1178.32
Navigation Spaces 81.39 = 1259.71
FAIR = 2242.74
50.34
Tonnage 2293.08
on Beam ...

CLASS 100A.1. "SHELTER DECK" FEET.
Breadth (greatest moulded) ... 50.83
Depth, at middle of length from top of keel to top of
beams at side of uppermost Continuous Deck ... 26.25
Deduct height of tween deck when this does not exceed 8ft. ...
Transverse Number ... 77.08
Length on deck from fore part of stem to after part of
sternpost ... 350.0
Longitudinal Number ... 26978
Depth "d" at middle of length. See Secs. 2 & 13 ... 23.1 1/2
Proportions, Depths to Length, Uppermost Continuous
Deck at side to top of keel ... 10.22
" " " Upper Deck at side
to top of keel ... 13.33
Destined Voyage FOWEY.

Master J. H. CANHAM.
Year of Appointment (1) As Master in service of
owner of present vessel: 1896
(2) As Master of this
vessel: 1914
Built at WEST HARTLEPOOL
When built 1914 Launched 25th JUNE 1914
By whom built IRVINE'S S.B. & D. CO. LD.
Owners NEPTUNE STEAM NAVIGⁿ CO. LD.
Managers FURNESS, WITHEY & CO. LD.
(Where necessary to be entered in Reg. Book.)
Residence WEST HARTLEPOOL
Port belonging to WEST HARTLEPOOL
AND
If Surveyed while Building, Afloat, or in Dry Dock YES.

Length on Rule 350 0 Breadth Moulded 50 10 Depth, ACTUAL—Top of Floors to top of Awn. or Shelter Dk. Beams 31 9 3/4
Do. do. Upper Deck Beams ... 23 9 3/4
No. of Decks with flat laid TWO
No. of Tiers of Beams TWO
Dimensions of Ship per Register, (31.8) Awn. or Shelter Dk. Moulded depth, ft. 34 ins. 3 To Awning or Shelter Dk. Round up of Uppermost
Length 350.3 breadth 51.1' depth. 23.8 Upper Deck. Moulded depth, ft. 26 ins. 3 To Upper Dk. Dk. Beam, Actual ... 12 1/2 ins

FRAMING.						PILLARS.							
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.		Inches. Size in Ship.	Inches. Spacing in Ship.	Inches. per Rule. Or as	Inches. per Rule. Approved.			
IE, Angles, or E or L Bars, amidships	10 1/2	3 1/2	54	10 1/2	3 1/2	54	PILLARS, In 'tween Deck, size and spacing	27/8	50	27/8	50		
in peaks	B.A.	6 1/2	3 1/2	42	6 1/2	3 1/2	42	" " Hold	5	50	5	50	
in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	38	3 1/2	3 1/2	38	" Quarter, 'tween Dks.,	DOUBLE CHANNEL PILLARS					
" " at intermdt. Blks.							" in Hold	FITTED AT HATCH ENDS.					
g of Frames from centre to centre amidships		25	✓		25		KEELSONS AND STRINGERS.						
length to collision bulkhead		"	✓		"		CENTRE LINE KEELSON, Vertical Plate above						
of Frames from centre to centre in peaks		24	✓		24		floors, Through Plate, or Intercoastal Plate						
							" Rider Plate						
IRSED FRAME, Angles	B.A. FRAMING						" Flat Keel Plate Angles	CELLULAR DOUBLE					
in way of Double bottoms at Solid Floors	3 1/2	3 1/2	38	3 1/2	3 1/2	38	" Horizontal Plates on Floors	BOTTOM.					
" " at intermdt. Blks.			✓				" Angles or Bulb Angles		✓				
ING, depth of girder	B.A.	10 1/2	✓		10 1/2		" SIDE KEELSONS, Number						
RS, depth and thickness of Floor Plate	CELL ^r DB ⁴ E BT ^m						" Angles or Bulb Angles						
at mid line for 1/2 length amidships	E=38; B=48		38		48		" Plate above floors, for length						
in way of Engine and Boiler spaces			✓				" Intercoastal Plate, for length						
thickness at the ends of vessel							" Attached to outside plating with Angle						
depth at 1/2 the half bdth. as per Rule							" BILGE KEELSON, Angles						
height extended at the Bilges							" Intercoastal Plate, for length						
RS, in Cell Double Bottoms	41	✓	38	41	38		" Attached to outside plating with Angle						
state if flanged (top and bottom)	No			No			" SIDE STRINGERS, Number TWO, IN N ^{os} 14	4 HOLDS ONLY					
spacing of Solid	25	✓		25			" Angle SINGLE FACE	6 1/2	3 1/2	58	6 1/2	3 1/2	58
RE GIRDER, in Dbl. bottom, dpth. & thickness	41		50	41	50		" Intercoastal Plate, for FULL lng.	9EN ²³ 144	42	✓		42	
" Angles, Top	3 1/2	3 1/2	48	3 1/2	3 1/2	48	" Attached to outside plating with Angle	FLANGED TO SHELL					
" Bottom	4 1/2	4 1/2	58	4 1/2	4 1/2	58							
" to Floors	3 1/2	3 1/2	38	3 1/2	3 1/2	38							
Brackets at intermdt. frmg., width & thickness													
GIRDERS, number and thickness	TWO	✓	36	TWO	36		Awning or Shelter Deck Stringer Plates, breadth and thickness	50	52	50	52		
" state if flanged (top & bottom)	No			No			" Angle on ditto	4 1/2	4 1/2	56	4 1/2	4 1/2	56
Angles	3 1/2	3 1/2	38	3 1/2	3 1/2	38	" Tie Plates, fore and aft, outside Hatchways	INCREASED IN THICKNESS					
GIN PLATE, depth (exclusive of flange) and thickness	35		44	34	44		" Deck * Iron or Steel, for FULL lng.		34	✓	34		
Angles to outside plating	3 1/2	3 1/2	44	3 1/2	3 1/2	44	" Wood Deck, Material & thickness						
" to floors	3 1/2	3 1/2	38	3 1/2	3 1/2	38	Upper Deck Stringer Plate, breadth and thickness	46 1/2	46	✓	46	46	
Brackets at intermdt. frmg., width & thickness							" Angles on ditto, No. TWO	3 1/2	3 1/2	44	3 1/2	3 1/2	44
Height of Brackets above at bilge		45	✓		45		" Tie Plates, outside Hatchways	INCREASED IN THICKNESS.					
R BOTTOM PLATING, breadth and thickness of Middle Line Strake	4 1/2	✓	48	41	48		" Deck * Iron or Steel, for FULL lng.		32	✓	32		
" thickness in Engine and Boiler space	14		46	54	46	54	" Wood Deck, Material & thickness						
" Remainder in Holds			38		38		Second Deck Stringer Plates, breadth & thickness						
IS, Awn. or Shltr Dk. Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 1/2	3	46	8 1/2	3	46	" Angles on ditto, No.						
Spacing	25	✓		25			" Tie Plates, outside Hatchways						
IS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 1/2	3 1/2	50	8 1/2	3 1/2	50	" Deck * Material and thickness						
Spacing	25	✓		25			Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness						
IS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel							" Angles on ditto, No.						
Angles on upper edge							" Tie Plates, outside Hatchways						
Spacing							" Deck, Material and thickness						
IS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							Poop Deck Stringer Plate, breadth & thickness						
Angles on upper edge							" Angles on ditto						
Spacing							" Tie Plates						
IS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							" Deck, Material and thickness						
Angles on upper edge							Bridge Deck Stringer Plate, breadth & thickness						
Spacing							" Angle on ditto						
IS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	7	3	40	7	3	40	" Tie Plates						
Angles on upper edge	5 1/2	3	40	5 1/2	3	40	" Deck, Material and thickness						
Spacing	25	✓	24	25	✓	24	Forecastle Deck Stringer Plate, breadth & thickness	34	34	✓	33	34	
							" Angle on ditto	3 1/2	3 1/2	34	3 1/2	3 1/2	34
							" Tie Plates						
							" Deck, Material and thickness	STEEL					

WEB FRAMES. In Fore Body, No. and spacing. Inches in Ship. Inches per Rule. 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. BULKHEADS. Number. Thickness. STIFFENERS. Single or Double Frames. Height up, state deck. COLLISION, PARTITION, LONGITUDINAL. PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. 25" FRAME SPACING. RIVETING. Awning or Shelter Deck Stringer Plate. Upper Deck Stringer Plate. Butts of Side Stringers. Tie Plates. Inner Bottom Plating. Centre Girder Butts. Frames. Rivets. FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend from. MASTS, SPARS, &c. LOWER MASTS. Fore. Main. Mizzen. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails. Suit of. Sails, and the following spare sails.

Form No. 1B.

Mechanical Tests by M. Bergmann M.A. 10-10-14.

EQUIPMENT No. 29464 LETTER w													ANCHORS.												
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.								
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.											
18205	1st Power	53	0	0	✓	-	-	44	5	0	0	52	2	0	Byer's Hook	Byer's	16-6-14	L. Haffner.							
18299	2nd "	52	1	0	✓	-	-	43	15	2	14	52	0	0	5	5	22-7-14	5							
18208	3rd "	45	2	7	✓	-	-	39	12	3	7	45	0	0	5	5	18-6-14	5							
	Collective weight	150	3	7								149	2	0✓											
18149	Stream	14	0	21	3	2	14	15	16	3	14	14	0	0✓	Common	Jayla Hons	14-6-14	5							
18150	Kedge	6	0	0	1	2	7	8	5	0	0	6	0	0✓	5	5	D=	D=							

✓

X Mechanical test by M. Burgin on 12-14.

If Patent state Name of Patentee.

Stocks state Mechanical Tests.

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms 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.	Fathoms and size per Table 31.		Length.	Cir.
	Length.	Diam.	Statio- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.		
7105	270	2 1/16	76 1/2	107 1/10	576-0-15	573-2-14	270	2 1/16	Stud link	Jayla Hons	14-6-14	L. Haffner	TOWLINE S.W.	120	4 1/2	39	120	4 1/2	
													HAWSERS & WARPS	2090	7 1/2	-	2090	7	
Iron Stream Chain or Steel Wire...	90	4 1/2	-	39	-	-	90	4 1/2	S.W.	Craven & Spedding			"	2090	7 1/2	-	2090	7	

Boats Two lifeboats & two others
Pumps, Number One Downton & one hand pump fore peak
Windlass is Emerson, Walker & Co.
Engine Room Skylights.—How constructed? Of steel
Coal Bunker Openings.—How constructed? Of steel
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 7 scuppers. Open Rails ahead of Hatchways
Ceiling in Holds, thickness and material Under Hatch at limbus only 2 1/2" Pine
Cargo Hatchways.—How formed? Steel plates & angles.
State size No. 1 Hatch (Forward) 27'-1" x 17'-11" **No. 2 Hatch** 27'-0" x 17'-11" **No. 3 Hatch** 27'-0" x 17'-11" **No. 4 Hatch** 27'-1" x 17'-11"
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch Five webs to each Hatch; no fore & afters fitted.
Bulwarks, height above deck and description Steel plate 42" x 25"
The foregoing is a correct description of **FOR IRVING'S SHIP BUILDING & DRY DOCKS CO., LIMITED**
Builder's Signature (here only) **Surveyor's Signature** David M. Anslan.
Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)
(M) 3+12 DEC 2 1913; 16 JAN 24 1914; 24 JULY 1914; 10 MARCH 1914.
Workmanship. Are the butts of plating planed or otherwise fitted? Planed & overlapped.
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 very 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 letter as above stated and in other respects in conformity with the Rules; the materials and workmanship are good.

The vessel has been placed in Dry Dock & the bottom & rudder cleaned, examined & riveted.

S.S. "TANIS" **Handpool Repair No 14773.**
The Surveyor should state the Number of Report and Name of any Sister Vessel built or Yard Number of any building.
The amount of Entry Fee £ 5 : : : **Fees applied for,** 7/8 1914
Special Survey Fee £ 112 : 11 : : **Received by me,** 12. 8. 14
Travelling Expenses, if any £ : : :
State whether the Vessel has been built under Special Survey YES
I am of opinion this Vessel should be Classed *100A1 "SHELTER DECK"
With, or without Freeboard, as condition of Class WITH FREEBOARD
WEST HARTLEPOOL **Date of issue** 14/8/14
Surveyor to Lloyd's Register of British and Foreign Shipping. David M. Anslan.

Committee's Minute FRI. AUG. 14. 1914
Character assigned 100 A1
Shelter Deck w. fbd.
Lloyd's A & B. P. + L.M.C. 7. 14
M.

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. COMPLETE SHELTER DECK.

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 DECK (STEEL) AND SHELTER DECK (STEEL)

Official No. 135908 ; 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,	112.5	276	Fore peak tank,	—	—
Double bottom, under Engines and Boilers,	43.75	148	After peak tank,	—	—
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	152.08	414	Other tanks, if fitted,	—	—
Total capacity of double bottom		838	(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. 2173

Date 18.12.13.

No. 542 in builder's yard.

DATES of Surveys held while building

1914. Jan 13. 15. 19. 21. 23. 27. 29. Feb 6. 9. 13. 16. 18. 20. 24. 27. March 3. 5. 7. 27. April 2. 27. May 7. 12. 18. 20. 22. 26. 28. 29. June 4. 5. 8. 10. 11. 12. 22. 27. July 1. 2. 8. 13. 14. 16. 20. 22. 24. 25. 27. 30. 31

Surveyor's Signature

David M. Arnold
Lloyd's Register Foundation