

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

No. 40643

Port of **GLASGOW.** Date of completion of Report **29th Nov. 1920** Received at London Office **WED. DEC. 1 1920**
Survey held at **DUMBARTON.** Date, First Survey **9th March 1915** Last Survey **20th NOVEMBER 1920.**

On the (State if Single, Twin, or Triple Screw) **TURBINE. T.S.S. HIBERNIA.** Rig **SCHOONER.**
CLASS **+ A - IRISH CHANNEL SERVICE FEET.** Master **F. TANNER**

TONNAGE under Tonnage Deck... **187.49** CLASS **+ A - IRISH CHANNEL SERVICE FEET.** **45-00** Master **F. TANNER**
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. **1191.71** Breadth (greatest moulded) **18-50** Year of Appointment **1920.**

Total under Upper Dk. **3009.20** Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck **18-50** Built at **DUMBARTON.**

Do. of Poop **448.57** Deduct height of 'tween decks when this does not exceed 8ft. **63-50** When built **1920.** Launched **9th MARCH 1920.**

Do. of R. Qr. Dk. **448.57** Transverse Number **380-0** By whom built **WILLIAM DENNY & BROS. LTD**

Do. of Bridge House **448.57** Length on deck from fore part of stem to after part of sternpost **24130-0** Owners **L.N.W. RAILWAY COY. LTD**

Do. of Forecastle **448.57** Longitudinal Number **7-58.** Managers **(Where necessary to be entered in Reg. Book.)**

Do. of Houses on Deck **448.57** Depth "d" at middle of length. See Secs. 2 & 13 **13-81** Residence **DUBLIN.**

Do. of excess of Hatchways **448.57** Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel **20-54.** Port belonging to **DUBLIN.**

Do. above Crown of Engine Room **3457.77** Destined Voyage **Yes.** If Surveyed while Building, Afloat, or in Dry Dock **YES.**

Gross Tonnage **202.80** Tonnage for Fees... **1721.24** Less Engine Room **125.44** Less Navigation Spaces **1408.29.**

Less above Crown of Engine Room **3254.97** Tonnage for Fees... **1721.24** Less Engine Room **125.44** Less Navigation Spaces **1408.29.**

Reg. Tonnage **1408.29.** Destined Voyage **Yes.** If Surveyed while Building, Afloat, or in Dry Dock **YES.**

Beam... **360** Ins. **0** BREADTH **45** Ins. **0** DEPTH, ACTUAL **17-25** Top of Floors to top of Upper Deck Beams **26** Ins. **4** No. of Decks with flat laid **THREE.**

TH on per Rule **360** Ins. **0** BREADTH **45** Ins. **0** DEPTH, ACTUAL **17-25** Top of Floors to top of Upper Deck Beams **26** Ins. **4** No. of Tiers of Beams **THREE.**

ms of Ship per Register, Length **380.6** breadth **45.2** depth **17.25** Upper Deck. Moulded depth, ft. **27** ins. **6** To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual **9** ins.

Length **380.6** breadth **45.2** depth **17.25** Upper Deck. Moulded depth, ft. **27** ins. **6** To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual **9** ins.

FRAMING. Inches in Ship. Inches in Ship. Inches in Ship. Inches per Rule per Rule Or as Approved. **TWO ROWS. PILLARS. TUBES.**

Angles, on Floor Bars, amidships **5** **3** **34** **5** **3** **34** PILLARS, in 'tween Deck, size and spacing **3x1/16** **48"** **3x1/16** **48"**

Angles, on Floor Bars, amidships **5** **3** **32** **5** **3** **32** " " Hold " " " " " " " "

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Angles, on Floor Bars, amidships **5** **3** **32** **5** **3** **32** " " " " " " " "

WEB FRAMES.										FORGINGS or CASTINGS.									
In Ship.					Inches per Rule.					Inches in Ship.					Inches per Rule.				
Inches in Ship.					Inches per Rule.					Inches in Ship.					Inches per Rule.				
WEB FRAMES, in Fore Body, No. and spacing										KEEL, Bar, depth and thickness									
No. of Side Stringers, face angles. (2)										STEM, moulding and thickness									
WEB FRAMES, in E. & B. Space, No. and spacing										STERN-POST for Rudder do. do.									
No. of Side Stringers										" for Propeller									
Size of Face Angles to Web-Frames										RUDDER-A & D Table 22. Speed									
BRACKET PLATES to Stringers between Web-Frames, depth and thickness										" Main-Piece, diameter at head									
										" NO. PINTLES " at heel									
BULKHEADS.										RUDDER, how constructed									
Number of Bulkheads					Thickness					Stiffeners.					Forging (Steel).				
Vessel.					Rule.					Horizontal.					Vertical.				
W.T. BULKHEADS (including E.P.)					Thickness					Size.					Spacing.				
" COLLISION "																			
PARTITION																			
LONGITUDINAL																			
Are the outside Plates doubled two spaces of Frames in length?										Has the Steel been tested as required by the Rules?									
Are the Stairs, Valves and Watertight Doors in efficient working order?																			
PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.				
STRAKES.					AMIDSHIP.					Single or Double.					Double or Treble and for what Length.				
Breadth.					Thickness.					Breadth of Lap.					RIVETS.				
Inches.					Inches.					Inches.					Diam.				
Forward.					Aft.					Rivets.					Spacing cr. to cr.				
Inches.					Inches.					Inches.					Inches.				
Back Plate Keel					42					56					42				
GABBOARD or A Strake					42					56					42				
State actual thickness in way of Double Bottom.					42					56					42				
D					42					56					42				
E					42					56					42				
F					42					56					42				
G					42					56					42				
H					42					56					42				
J					42					56					42				
K					42					56					42				
L					42					56					42				
M					42					56					42				
N					42					56					42				
O					42					56					42				
P					42					56					42				
Q					42					56					42				
R					42					56					42				
S					42					56					42				
T					42					56					42				
U					42					56					42				
V					42					56					42				
W					42					56					42				
X					42					56					42				
Y					42					56					42				
Z					42					56					42				
AA					42					56					42				
AB					42					56					42				
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AD					42					56					42				
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AX					42					56					42				
AY					42					56					42				
AZ					42					56					42				
BA					42					56					42				
BB					42					56					42				
BC					42					56					42				
BD					42					56					42				

EQUIPMENT No.				LETTER				ANCHORS.															
Number of Certificate.		Anchors.		Weight, Ex. Stock		Weight of Stock		Tons, per Certificate		Weight Supplied		Description of Anchor.		Makers.		Where and when tested and Superintendent.							
Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.											
82476	1st Bower	39	1	0	Stockless	35	5	2	14	38	3	0	HALLS C.S. HEAD	HIMLEY & SONS.	METH. 5/11/19	A. GREEN.							
82475	2nd "	38	3	16	"	35	2	2	0	38	3	0	DO.	DO.	"	"							
	3rd "																						
82507	Collective weight	78	0	16						77	2	0											
82550	Stream	18	0	6	4	3	19	19	2	0	21	17	2	0	TROTMAN'S.	METH. 5/11/19	A. GREEN.						
	Kedge	6	0	15	1	2	25	8	10	0	0	-	-	-	DO.	"							

Particulars of Drop Test of Cast Steel Anchors, viz.:—
 Weight, Surveyor's Initials,
 Number of Certificate, Date of Test.

1st Bower
 2nd "
 3rd "

CHAIN CABLES.										HAWERS AND WARPS.															
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size supplied.		Description.		Makers of Cables.		Where and when tested, and Superintendent.		Material.		Length and size supplied.		Breaking Test of Steel Wire Towline.		Length and size supplied.			
Length.	Diam.	Length.	Diam.	Supplied.	Per Rule.	Length.	Diam.	Supplied.	Per Rule.	Length.	Diam.	Length.	Diam.	Length.	Diam.	Length.	Diam.	Length.	Diam.	Length.	Diam.	Length.	Diam.		
66481	120 fms.	1 1/2"	1/8"	23 1/2	23 1/2	23 1/2	1 1/2"	1/8"	1/8"	STUD	HIMLEY & SONS	METH. 5/11/19	A. GREEN.	TOWLINE	1 1/2"	1/8"	23 1/2	23 1/2	1 1/2"	1/8"	100	3	18	100	3
66485	120 fms.	1 1/2"	1/8"	23 1/2	23 1/2	23 1/2	1 1/2"	1/8"	1/8"	STUD.	DO.	"	30/10/19	"	"	"	"	"	"	"	"	"	"	"	
	24 1/2 fms.	1 1/2"	1/8"	23 1/2	23 1/2	23 1/2	1 1/2"	1/8"	1/8"																
	90	1 1/2"	1/8"	33	33	33	1 1/2"	1/8"	1/8"	FL. S.W.	DO.														

Boats TEN.
Pumps, Number TWO FLYWHEEL PUMPS.
Windlass is STEAM BY CLARKE, CHAPMAN.
Engine Room Skylights.—How constructed? STEEL
Coal Bunker Openings.—How constructed? SIDE PORTS.
Number of Scupperns, and numbers and dimensions of Freeing Ports, &c. 4 SCUPPERS EACH SIDE 1 PORT 21" x 18" EACH SIDE.
Ceiling in Holds, thickness and material 2 1/2" P.P.
Cargo Hatchways.—How formed? STEEL
State size No. 1 Hatch (Forward) 11' 7" x 4' 10" x 30". No. 2 Hatch 9' 9" x 7' 0" x 15". No. 3 Hatch No. 4 Hatch
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch NO. 1 2 WEBS.
No. of Breasthooks THREE
No. of Crutches DEEP FLOORS
Bulwarks, height above deck and description 42 x 24 ANGLE STAYS 4x3x44. Main Rail and Stays, material and size TEAK, 6x2 1/2".
The foregoing is a correct description.
Builder's Signature FOR WILLIAM DENNY & BROTHERS LIMITED.
Surveyor's Signature James Craig for self & W. W. Smith.
Reference should be made in any correspondence connected with the case
Correspondence.—State dates and initials of letters respecting this case SEE SECRETARY'S LETTERS:
Workmanship. Are the butts of plating planed or otherwise fitted? PLANED WHERE PRACTICABLE.
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 plating to plate, &c., conform well to each other? YES.
Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? YES.
Do any rivets break into or through the seams or butts of the plating? YES, 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 GOOD.
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? YES. State results of tests GOOD.
General Remarks (State quality of workmanship, &c.) THIS VESSEL HAS BEEN BUILT IN ACCORDANCE WITH THE RULES AND APPROVED PLANS.
THE MATERIAL AND WORKMANSHIP ARE OF GOOD QUALITY.
FOUR FORGING REPORTS ARE ATTACHED HERETO. ALSO ONE PLAN OF MID-SECTION OF VESSEL AS BUILT.
WHEN THE VESSEL WAS COMPLETED SHE WAS PLACED IN DRY DOCK AND BOTTOM EXAMINED FOUND SATISFACTORY AND RECOATED.
THIS VESSEL IS A SISTER VESSEL OF T.S.S. 'ANGLIA' GLASGOW REPORT NO 39942.

The Surveyor should state the Number of Report and Name of any Sister Vessel.
 Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee £ 5 : 0 : 0
 Special Survey Fee..... £ 106 : 7 : 6
 FREE BOARD
 Travelling Expenses, if any £ 5 : 5 : 0

Fees applied for, 30.11.1920
 Received by me, 3.11.1920

Certificate to be sent to GLASGOW. Date of issue 9.12.20

State whether the Vessel has been built under Special Survey +
 I am of opinion this Vessel should be Classed + A - IRISH CHANNEL SERVICE.
 With, or without Freeboard, as condition of Class -

Committee's Minute
 Character assigned :- A - Irish Channel Service
 11.20
 + LMC 11.20

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 R.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) **UPPER DECK (PT. STEEL - W8) SHUTTER DECK (PT. STEEL - W8) AND 2ND DECK (STEEL) AT ENDS.**

Official No. _____; Signal Letters _____ State if Machinery is fitted aft **NO.**

How are the surfaces preserved from oxidation? Inside **BITUMINOUS 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,		<input checked="" type="checkbox"/>	Fore peak tank,		34.2
Double bottom, under Engines and Boilers,		<input checked="" type="checkbox"/>	After peak tank,		68.0
Double bottom, if under Engines only,		<input checked="" type="checkbox"/>	Deep tank, aft, RESERVE FEED.		80.4
Double bottom, if under Boilers only,		<input checked="" type="checkbox"/>	Deep tank, forward,		70.8
Double bottom, forward,		<input checked="" type="checkbox"/>	Other tanks, if fitted,		<input checked="" type="checkbox"/>
	Total capacity of double bottom	<input checked="" type="checkbox"/>	(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. ☒

Date **1.4.1915**

No. **1035** in builder's yard.

DATES OF SURVEYS held while building

1915 Mar 9 1916 Jan 24 Apr 17 1917 Mar 28 Apr 4 May 1 Jun 10 Sep 11. 23 Oct 2. 4. 9. 11. 15 Nov 21. 25 Dec 23
1919 Jan 17. 29 Feb 4. 26. 28 Mar 4. 14. 17. 28 Apr 2. 8. 16. 18. 25. 30 May 1. 8. 13. 16. 23. 30 Jun 6. 10. 13. 20 July 4. 11.
Aug 22. 29 Sep 16. 24 Oct 3. 10. 24 Nov 6. 14 Dec 5. 12. 16. 18. 24 1920 Jan 14. 23. 30 Feb 16. 20. 27 Mar 11. 19. 26
Apr 9. 23 May 3. 7. 14. 21 Jun 1. 7. 11. 17 Aug 6. 13. 26 Sep 11. 17 Oct 29 Nov 12. 20

Total No. of Visits **86**

Surveyor's Signature

James Craig For self & W. W. W.

None.