

Supp 89252

COPY

Awining or Shelter Deck,

STEEL STEAMER.

No. 9098

Port of Belfast.

Date of completion of Report 24th April 1924

Received at London Office

THU 29 MAY 1924

Survey held at Belfast.

Date, First Survey 27th July 1920

Last Survey

17th April 1924

On the (State if Single, Twin, or Triple Screw)

Steel Screw Steamer "INVERGARRY"

Rig fore & aft schooner.

TONNAGE under

CLASS 100 A, Shelter Deck

FEET.

Master

Do. between Tonnage Dk. and

Breadth (greatest moulded)

55.46

Year of Appointment

(1) As Master in service of
owner of present vessel:—191
(2) As Master of this
vessel:—191

Total under Upper Dk.

6190.21

Depth, at middle of length from top of keel to top of

38.04

Built at Belfast.

Do. of Poop

beams at side of uppermost Continuous Deck

93.50

When built 1924-4 mo Launched 8th Nov. 1923.

Do. of House

Deduct height of 'tween deck when this does not exceed 8ft.

8.00

By whom built Harland & Wolff Ltd.

Do. of Forecastle

Transverse Number

85.50

Owners British Mexican Petroleum Co. Ltd.

Do. of Houses on Deck

Length on deck from fore part of stem to after part of

411.50

Managers A. Weir & Co.

Do. of excess of Hatchways

sternpost

351.82

(Where necessary to be entered in Reg. Book.)

Do. above Crown of

Longitudinal Number

25.08

Residence

Engine Room

Depth "d" at middle of length. See Secs. 2 & 13

10.80

Port belonging to London

Less Crown Space

Proportions, Depths to Length, Uppermost Continuous

Deck at side to top of keel

Less above Crown of

Upper Deck at side

to top of keel

TONNAGE FOR FEES...

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock Yes.

Less Engine Room

Register Tonnage

4216.61

Less Navigation Spaces

as cut on Beam

2210.13

Less Navigation Spaces

as cut on Beam

162.22

Less Navigation Spaces

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[illegible]

EQUIPMENT No. 39449				LETTER A +				ANCHORS.									
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REQ. BY TABLE B1.			Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	owts.	qrs.	lbs.	Owts.	qrs.				lbs.
86491	1st Bower	68	2	5	44	2	25	53	1	3	14	68	0	0	Halls Patent Stockless	R. Kingley & Sons	Netherton 29/8/23 Suen
86494	2nd "	68	0	2	44	0	25	52	15	2	14	68	0	0	"	"	29/8/23 -
86495	3rd "	58	3	26	37	2	5	47	15	0	0	58	2	0	"	"	29/8/23 -
	Collective weight	195	2	5								194	2	0			
86511	Stream	19	0	0	5	0	0	19	17	2	0	19	0	0	Rodgers	R. Kingley & Sons	Netherton 15/9/23 Wright
86541	Kedge	8	0	18	2	1	3	10	7	2	0						15/9/23 -

CHAIN CABLES.										HAWSEERS AND WARPS.									
Number of Certificate.	Length and Size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE		Fathoms and size per Table 2L.	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 2L.					
	Length.	Diam.		Owts.	qrs.						lbs.	Owts.		qrs.	lbs.	Fathoms.	Size.	Fathoms.	Size.
76265	135	2 7/16	-	360	1-13	270	2 7/16	R. Kingley & Sons	Netherton 17/9/23 Suen	TOWLINE	150	5 7/8	80	120	5 7/8				
76266	135	2 7/16	-	360	1-13	270	2 7/16	"	"	HAWSEERS & WARPS	4 wires 130 fms 3 7/8	22	90	2 7/8					
76313	90	3	73	3-1-0		90	3	Steel Wire Bullivant & Co.	Makers certificate examined		and 4 cables 120 fms 8 mmilla	90	2 7/8	22					

Boats 4 Life Boats
Pumps, Number 4 Hand Pumps to fore Boat tank top & stern compartments only
Windlass is Emerson Walker patent steam direct.
Engine Room Skylights.—How constructed? Steel Plates & Angles. What arrangements for deadlights in bad weather? Bulls eyes & shutters.
Bunker Openings.—How constructed? Steel Plates & Angles. How are lids secured? oil tight covers. Height above deck? 30"
Ceiling in Holds, thickness and material none
Cargo Hatchways.—How formed? Oil Tight Hatchways. Hatches, if strong and efficient? Yes.
State size No. 1 Hatch (Forward) **No. 2 Hatch** **No. 3 Hatch** **No. 4 Hatch**
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch
No. of Breasthooks 4 **No. of Crutches** Deep Floors.
Bulwarks, height above deck and description open rails Main Rail and Stays, material and size ✓
The foregoing is a correct description
Builder's Signature (here only) **Harland & Wolff Ltd.** Surveyor's Signature **E. J. Kendall**
Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)
M 30/1/16, 24/1/17, 20/1/19, 24/1/19, 30/1/19, 31/1/19, 19/1/20, 24/1/20, 31/1/22, 12/3/23, 29/10/20, 23/1/24, 20/2/24, 18/3/24, 13/3/24, 4/4/24 E 5/5/20, 9/6/20, 6/7/20, 5/3/24.
Workmanship. Are the butts of plating planed or otherwise fitted? Planed.
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 facing surfaces? Yes.
Do any rivets break into or through the seams or butts of the plating? 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 plans approved by the Committee, the Secretary's letters of the above mentioned dates and in other respects in general conformity with the Rules and the materials and workmanship are good throughout. She is an N Type Standard vessel fitted with cylindrical tanks and four wing tanks for the carriage of petroleum in bulk.
The bunkers and No. 4 double bottom tank have been arranged for the carriage and burning of oil fuel and have been tested as required by the Rules & found good.
The cargo tanks were tested in accordance with the Secretary's letter of the 21st April 1920 and found good.
The approved plans fourteen in number together with 7 forging and casting reports are forwarded herewith.
At the request of the Owners a series of webs have been fitted 4 to 5 frames apart, abreast Nos 2 & 3 and 4 & 5 tanks with a 36" side stringer also 3 parting beams with stringer plate have been fitted in No 1 Hold as in the S.S. Inverleith see plans forwarded 17/4/24
J. S. Invernara No 571. Belfast Report No 8806
The Surveyor should state the Number of Report and Name of any Sister Vessel built or Yard Number of any building. (If from Inverleith)

Free board fee £ 12 : 0 : 0	Fees applied for,	Hull & Machinery Certificate sent to This Office Date of issue 3/6/24
The amount of Entry Fee £ 10 : 0 : 0	18-4-1924	
Special Survey Fee.... £ 539 : 0 : 0	Received by me,	
Travelling Expenses, if any £ :	22-5-1924	

State whether the Vessel has been built under Special Survey. Yes
I am of opinion this Vessel should be Classed **A1**. Shell Tank straight frame rivelled sides carrying petroleum in double bottom With, or without Freeboard, as condition of Class with freeboard and circular tanks fitted in holds in wing tanks
See endorsement for Henry Holt Road.
E. J. Kendall
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute
Character assigned 100A
Shell tank with food
Carries petroleum in Double Bottom & circular tanks fitted in holds & in wing tanks
+ L.M.B. 4.2 H.C.L.
Listed for oil fuel to 2 H.F.P. above 150°F. Subject
Lloyd's assl. D
FRI. 6 NOV 1925
TUES. 11 MAY 1926
FRI. 14 JAN 1927
TUES. 8 SEP 1927

GENERAL REMARKS—(continued).

Capacities of Circular Tanks for Water Ballast.

	N ^o	DIA.	TONS
FOR ^o	1	20'-0"	532
	2	47'-0"	2148
	3	49'-0"	2321
	4	49'-0"	2260
	5	45'-0"	1937
AFT	6	21'-0"	363

Total 9561 Tons.

Including capacity of double bottom.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 40 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated on Shelter Dk.

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 (stl) & Shelter Dk (stl), 9 Bds to Shelter Dk.

Official No. 147617 ; Signal Letters State if Machinery is fitted aft no

How are the surfaces preserved from oxidation? Inside Paint & Portland Cement. Outside Paint.

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		dry
Double bottom, under Engines and Boilers,	70	440 203	After peak tank,		dry
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
		Total capacity of double bottom 440			(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. 715

Date 9th April 1920

No. 609 in builder's yard.

DATES OF SURVEYS held while building

1920 July 27. Sept. 9-15-16-21-23 Oct. 13-19-26. Nov. 2-11-16-22 Dec. 3-16-21 1921 Jan. 10-13-18 Feb. 1-8-10-14-18-22 Mar. 1-3-7-8-14 Apr. 1-4-6-12-14-18-20-25 May 11 1922 Apr. 6 1923 Apr. 10-16-20-26-30 May 3-7-9-14-15-18 June 5-7-15-21-27 Jul. 3 Aug. 4-7-15-16-17-23 Sept. 4-11-16-17-26 Oct. 3-11-12-15-16 Nov. 1-5-8-13-19-25-27-28 Dec. 5-11-17 1924 Jan. 1-2-5 Feb. 5-21-26 Mar. 3-4-6-10-13 Mar. 13-14-17-18-20-24-27-28-29 Apr. 1-7-10-11-12-14-15-16-17

Total No. of Visits 116

Surveyor's Signature E. O. Kendall

Lloyd's Register Foundation