

## STEEL STEAMER or MOTORSHIP.

WRECK  
SECTION

No

No.

9363

17 JUN 1925

State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel YesDate of completion of report 16th June 1925Port of BelfastSurvey held at BelfastDate First Survey 17th October 1924Last Survey 9th June

1925

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel Twin Screw Steamer "INVERCAIGO" machinery aft.State Type (Full scantling, Complete Superstructure with or without Tonnage Openings) Restricted draught & service.State Type of Erections Post & Beam Longitudinal BulkheadTONNAGE under Tonnage Deck... 1742.83CLASS 100 A1 with freeboard (State if with freeboard as condition of Class) YesBuilt at Belfast

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1d)

L 305Launched 23rd April 1925 Yard No. 701Total 1742.83

Breadth (greatest moulded)

B 50Builders Harland & Wolff Ltd.Gross Tonnage 2372.40

Depth at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 15Owners Lago Shipping Co. Ltd.Register Tonnage 1234.96

1st Longitudinal Number (L x D)

= 4575

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

REGISTERED DIMENSIONS.  
FEET.Length 305.7

Framing Depth "d" at middle of length. See Sec. 3 (1d)

= 13.25

Residence

Breadth 50.25

Proportions—Depth to Length—Uppermost continuous deck to top of keel

= 20.33Port of Registry LondonDepth 14.30

Do. Long. Bridge to top of keel

= 13.45If surveyed while building, afloat, and in dry dock

Draught Moulded

= 11.0Yes

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	24	✓	Bracket Floors, Frame		
" " from 1/2 length to Collision bulkhead	24	✓	" " Reversed Frame		
" " in peaks	24	✓	" " Vertical Struts		
IDE FRAMING. <u>Bull Angle</u>	6 3/4 3 46	in way of Ballast Spaces	Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, E or F	6 3 36		" " top Angles		
" " Extends up to	3 3 38	Upper & Forecastle Decks & alternately to Poop	" " bottom Angles		
" " Bottom framing angle	3 3 36		Side Girders, No. each side and thickness		
Reversed Frame Amidships, Angle, none	3 3 36		Margin Plate depth (excl. of flange) and thickness		
" " except on floors forward of 3/5 L	3 3 36		" " Vertical Angle to Tank side		
" " Extends up to	3 3 36		" " Bracket abaft 1/2 len. from stem		
Depth of Framing Girder	6 and in Ballast Spaces 6 1/2		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous Tween Decks, Angle, E or F			" " Bracket forward 1/2 len. from stem		
" " Second Tween Decks, Angle, E or F			" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" " Third " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem		
Framing in Peaks, Angle, E	6 3 34		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Shell Plating	3/4 sp 5 1/2 and in Ballast Tanks 1/2 sp 5 1/2		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake		
STRENGTHENING ARRANGEMENTS (Sec. 7), state system and particulars	13" web 9 1/2 x 3/4 angle side stringer and one tier of backing beams in Peak.		Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Double frames to floors & 2 extra intercostal side keelsons and midship thickness of shell maintained forward to Coll Bulk		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?		
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	2 1/2 x 3/8 in oil tanks 3/8	✓	Uppermost Continuous Deck, amidships	5 1/2 3 34	✓
Height of Brackets at side above base line at toe of frame	4 0	✓	" " in Wells, Angle, E or F		
Middle Line Keelson, on Floors, Angles	4 1/2 3 48	✓	" " in way of Bridge, Angle, E or F		
" " Single <u>on top of edge</u>	4 2 44	✓	Spacing	24	✓
" " Through Plate			Second Deck, amidships, Angle, E or F		
" " Intercostal Plate			Spacing		
" " Foundation Plate on Floors			Third Deck, amidships, Angle, E or F		
" " Flat Plate Keel Angles	4 4 54	✓	Spacing		
Side Keelsons, No. each side	one & Longitudinal Bulkhead		Fourth Deck, amidships, Angle, E or F		
" " thickness of Intercostal Plate	3/8 x 3/8	✓	Spacing		
" " Bull Angle Single	6 3 1/2 50	✓	Poop Deck, Angle, E or F	6 1/2 3 44	✓
DOUBLE BOTTOM.			Spacing	24	✓
Solid Floors, thickness and spacing			Longitudinal Bulkhead	6 1/2 3 36	✓
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, E or F		
Bracket Floors, breadth and thickness at middle line			Spacing	24	✓
" " breadth and thickness at margin plate			Forecastle Deck, Angle, E or F	5 1/2 3 34	✓
			Spacing	24	✓



## PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>PILLARS</b> , No. of Rows... <i>one six frames apart.</i>			Stringer Plate, breadth and thickness in way of Bridge .....		
„ in 'tween Decks, Size and Spacing.....			Thickness of Plating abreast Deck openings in way of Wells .....		
„ „ „ „ „			Thickness of Plating abreast Deck openings in way of Bridge .....		
„ in Holds „ „			If Sheathed, material and thickness .....		
„ „ „ „ „			<b>Third Deck.</b>		
<b>LONGITUDINAL TRUNK BULKHEADS</b> , 14-6 each side of centre.			Stringer Plate, breadth and thickness.....		
Centre Line Bulkhead.			If Plated, state thickness.....		
Stiffeners and Spacing. <i>Bulb Angles 5 1/2 3 36 spaced 24"</i>			<b>Fourth Deck.</b>		
Plating, thickness of <i>Below Deck 40, 38, 36 above Deck 42 4 48</i>			Stringer Plate, breadth and thickness.....		
			If Plated, state thickness .....		
<b>STRINGERS AND DECKS.</b>			<b>Poop Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness .....	28 32	✓
Stringer Plate, breadth and thickness in Way <i>64 40 40 36</i>			Plating, Sheathing, material and thickness ...	<i>Steel 30</i>	✓
„ „ „ „ in way of Bridge			<b>LONGITUDINAL TRUNK</b>		
„ Angle in Wells .....	5 5 40	✓	<b>Bridge Deck.</b>		
Thickness of Plating abreast Deck openings in way of Wells .....	40	✓	Stringer Plate, breadth and thickness.....	60 48	✓
Thickness of Plating abreast Deck openings in way of Bridge .....			Plating, Sheathing, material and thickness ...	<i>Steel 48</i>	✓
If Sheathed, material and thickness <i>Plating 30 at ends.</i>			<b>Forecastle Deck.</b>		
<b>Second Deck.</b>			Stringer Plate, breadth and thickness.....	28 32	✓
Stringer Plate, breadth and thickness in Wells...			Plating, Sheathing, material and thickness ...	<i>30 40 in way of windlass</i>	

## SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.		
	Inches.	Inches.	Inches.	Inches.									Inches.
FLAT PLATE KEEL .....	44	.84 ✓	.52 ✓	.52	✓	Double	1"	4	4	1	3½	Lap.	
„ DBLG. (if any)	none												
BOTTOM PLATING, No.) of Strakes 4.....}	66	3 @ .54, 1 @	.52	.42	.42	Double	7/8	3 3/7	3	7/8	3/8	Lap	
BILGE PLATING, No. of) Strakes 1.....}	60½	.50 ✓	.40 ✓	.40	.40	-	-	-	3	-	-	-	
SIDE PLATING, No. of) Strakes 2.....}	48	.48 ✓	.40 ✓	.40	.40	Single	3/4	3	3	3/4	2 7/8	-	
UPPER DECK, Sheer-) strake in Wells.....}	49	.48 ✓	.40 ✓	.40	.40				3	-	-	-	
<del>UPPER DECK, Sheer-) strake in Bridge ...}</del>													
STRAKE BELOW Sheer-) strake in Wells.....}		.48 ✓	.40 ✓	.40									
STRAKE BELOW Sheer-) strake in Bridge ...}					.34 ✓	Single	3/4	2½	2	5/8	2¼	Lap	
POOP SIDE PLATING .....													
BRIDGE SIDE PLATING ...						Single	3/4	2½	2	5/8	2¼	Lap.	
FORECASTLE SIDE PLATING					.34 ✓								

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—							
Extending to Upper Deck (Sec. 3 c).....				Seven /			
,, Deck next below.....							
As per Rule.....				Five /			
				STIFFENERS.			
				VERTICAL.		HORIZONTAL.	
				Scantlings. Spacing.		Scantlings   Spacing	
MIDSHIP BULKHEAD, Tween decks...							
"	"	"					
"	"	"					
"	"	"					
"	"	"					
"	"	"					
"	"	"	Deep Tank	.32	9x3x50B2	15	none
"	"	"	Holds wing	.30	6x3x36B2	3 1/2	none
"	"	"	Holds Oil Hhd	38 to 30	6x3x30B2	22	15 Semi Box B
"	"	"	(in Hold) .....	40 to 28	6 1/2 x 30	32 B2	24 Semi Box
"	"	"	.....	48 to 30	6x3x34B2	24	Lower Deck
COLLISION							
AFTER PEAK							

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....	✓	✓		
STEM <i>Forging</i> .....		$7\frac{1}{4} \times 12\frac{7}{8}$		
STERN FRAME { Propeller Post <i>Forging</i> .....		$7\frac{1}{4} \times 2\frac{1}{2}$	Emerson Walker.	
{ Rudder .....				
RUDDER—A x D .....		442		
Speed of Vessel .....		9 Knots.		
RUDDER mainpiece at head <i>Forging</i> .....		$9\frac{1}{2}$	Sunderland Forge.	
" " heel ...		$7\frac{1}{4}$		
" how constructed .....		Single Plate Keyed arms.		
" double or single plate .....				
" coupling, vertical or .....				
" horizontal .....		Horizontal		

STEEL.

✓ Manufacturer's name or trade mark of the Steel used in the construction of the  
Vessel (state process of manufacture) *D. Colville plates & bars.  
Siemens open hearth.*  
✓ Has the Steel been tested as required by the Rules? *Yes.*



EQUIPMENT No.												LETTER "E"	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
58691	1st Bower ...	40	1	0	28	0	0	35	18	3	0	42	Halls patent stockless J. Wright & Co. Ltd.	Septm 27.2.25 Dypdale	
58694	2nd „ ...	40	0	14	27	3	26	35	16	3	14	42			
58696	3rd „ ...	40	0	7	27	3	25	35	15	0	0	35½			
Collective weight.		120	1	21								119½			
58691	Stream .....	11	0	14	12	3	7	13	0	0	0	11	Rodgers.	J. Wright & Co. Ltd.	Septm 27.2.25 Dypdale

CHAIN CABLES.												HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Stain- ing.	Break- ing.	Supplied.		Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
59536	240 1/2	1 7/8	63.50	88.10	431	1	0	425	1	0	240	1 7/8	Stub of Wright & Co. Ltd. Sipton 27.2.25 Dypdale	TOWLINE ...	100	4	33	100	4
														HAWSERS WARPS	90	2 1/2	12 1/2	90	2 1/2
															90	2 1/2	12 1/2	90	2 1/2
															90	2 1/2	12 1/2	90	2 1/2
Iron Strain Chain or Steel Wire	75	4 1/4	35						75	4 1/4	Stub Wire Larrock & Co. Ltd.			"	90	2 1/2	12 1/2	90	2 1/2
											Makers Certificate examined				90	2 1/2	12 1/2	90	2 1/2

Steering Gear, Steam *Harland & Wolff Wilson & Rennie patent* Steering Gear, Hand Relieving Tackle.

Boats 2 Life Boats 1 Surf Boat Steering Chains, Size and Test *none* Windlass Emerson Walker steam

Ceiling in Holds, thickness and material *none* Cargo Battens, thickness, material and spacing *none*

Cargo Hatchways.—(Upper Deck) *Ciltight covers* Thickness of Hatches *✓*

Size of No. 1 Hatchway (Forward) *✓* No. 2 *✓* No. 3 *✓* No. 4 *✓* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams and/or Fore and Afters *✓*

For HARLAND AND WOLFE, LIMITED.

Builder's Signature *Chas. Payne*

GENERAL DECLARATION This vessel has been built in accordance with the plans approved by the Committee, the Secretary's letters, and in general conformity with the Rules, and the materials and workmanship are good throughout.

The cargo oil tanks, coffer dams, and ballast tanks have been tested as required by the Rules, with satisfactory results. The weather decks and water tight bulkheads have been tested by hose and found good, and the steering gear, windlass engine bilge and hand pumps have been tested under working conditions and found good.

The freeboard has been verified and cut in on the vessels sides.

Five forging and casting reports are enclosed herewith. the approved plans are at present in the London Office.

sister vessel to N°699 & 700. "Inverlago" & "Inverrosa" FE Reports 9316 and 9334 //

The amount of Entry Fee ..... £ 6 : 0 : 0 Fees applied for, 10-6-1925

Special Survey Fee.... £ 290 : 8 : 0 Received by me, *210*  
Freeboard Fee 7 : 0 : 0  
Travelling Expenses, if any £ :

I am of opinion the Vessel should be Classed *+100A1 with freeboard*

For service in the Gulf of Maracaibo amongst the West Indian Islands and in the Gulf of Mexico

State whether the Vessel has been built under Special Survey *Yes*

Signature *S. O. Kendall*  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *This Office* Date of issue *July 6/25*

Committee's Minute

TUES. 23 JUN 1925

Character assigned

*+ 100A1*

*With freeboard  
Car: pet: in bulk.*

*Lloyds A+C.P. + Lmb 6.25 Cl  
Fitted for oil fuel 6.25 S.P. above 150° F*

*Write Cls  
23/6/25*

*My*



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GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

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

1st Bower 26-0-25 WM. N° 5947. 15<sup>th</sup> January 1925  
2nd „ 26-0-16 WM. N° 5939 11<sup>th</sup> Dec<sup>r</sup> 1924  
3rd „ 26-1-4 WM N° 5945 15<sup>th</sup> January 1925 //

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 66.6 ft., <sup>Longitudinal Trunk 204 ft.</sup> Bridge ft., Forecastle 34.4 ft.,  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 1 Dk (stl) 7 Bkds,

Official No. 148610 ; Signal Letters

If bottom of Vessel has been coated Inside. Yes, give

particulars of composition Bitumastic in E & B. Space Cement in peaks & ballast tanks, Paint in pump room and buoyancy spaces  
nothing in way of cargo oil tanks and coffer dam

**PARTICULARS OF WATER BALLAST.—**

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		60
Double bottom, under Engines and Boilers,			After peak tank,		75
Double bottom, if under Engines only,			Deep tank, aft, wing tanks		356
Double bottom, if under Boilers only,			Deep tank, forward, wing tanks		286
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 752

Date 27<sup>th</sup> Oct<sup>r</sup> 1924

Dates of Surveys held while building

1924 Oct<sup>r</sup> 17-21-24-28-30-31. Nov<sup>r</sup> 6-17-20-24-25-27 Dec<sup>r</sup> 1-3-8-10-11-16-18-30. 1925 Jan 8-13-22-30  
Feb 2-5-10-20-25 Mar 2-9-19-23-27-30 Apr 1-7-9-15-16-17. May 7-14-19-22-26-29 June 1-3-4-8-9

Total No. of Visits 52