

STEEL STEAMER OR ~~MOTORSHIP~~

Received at London Office DEC 29 1934

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 24TH DECEMBER 1934Port of GREENOCK.No. 20449Survey held at PORT GLASGOW.Date First Survey 5TH OCTOBER 1936Last Survey 22ND DECEMBER 1934

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

SINGLE SCREW STEAMER, "IRON CHIEFTAIN" (MACHINERY AFT)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

COMPLETE SUPERSTRUCTURE WITH TONNAGE OPENING AFTState Type of Erections FORECASTLE DN UPPER DK.TONNAGE under 4235.76
Tonnage Deck...}CLASS +100.A.I.State if with freeboard as condition of Class YESBuilt at PORT GLASGOW.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 (1a) L 400.0Launched OCTOBER 22ND 1937 Yard No. 903Total ✓Breadth (greatest moulded) B 56.0Builders LITHGOWS LIMITEDGross Tonnage 4811.71Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 34.25Owners THE BROKEN HILL PROPRIETARY CO LTDRegister Tonnage 2737.301st Longitudinal Number (L x D) = 13700Managers ✓

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

422 LITTLE COLLINS STResidence MELBOURNE, VICTORIA.REGISTERED DIMENSIONS.
FEET.Length 404.5Framing Depth "d," at middle of length. See Sec. 3 (1d) 22.25Breadth 56.2Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.59Port of Registry MELBOURNEDepth 23.2Draught Moulded 23'7"

If surveyed while building, afloat, or in dry dock

BUILDING, AFLOAT & IN DRY DOCK.

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	27	✓	Bracket Floors, Frame	✓	
" " from $\frac{3}{8}$ length to collision bulkhead. <u>TO DEEP TANK</u>	27	✓	" " Reversed Frame	✓	
" " in peaks. <u>4 FOR DEEP TANK</u>	24	✓	" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	48x.50	✓
Frame Amidships, Angle, E or F	9 3½ .44	✓	" " top Angles	3½ 3½ .50	✓
" " Extends up to <u>BOTTOM OF SIDE BALLAST TANKS</u>	✓		" " bottom Angles	4 4 .54	✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	ONE .38	✓
" " Extends up to...	✓		Margin Plate depth (excl. of flange) and thickness	45x.48	✓
Depth of Framing Girder	✓		" " Vertical Angle to Tank side Bracket abaft 1 len. from stem <u>IN WAY OF TRANSVERSES, IN NOT HOLD.</u>	6x6x.40	✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	LONG FRAMING WITH (SEE RPT) TRANSVERSES (✓)	✓	" " Vertical Angle to Tank side Bracket forward 1 len. from stem <u>IN WAY OF INTER. FRAMES.</u>	3½ 3½ .40	✓
" " Second 'tween Decks, Angle, E or F	✓		" " Gussets, spacing and scantling abaft 1 len. from stem <u>IN NOT HOLD.</u>	✓	
" " Third " " " "	✓		" " Gussets, spacing and scantling forward 1 len. from stem <u>IN NOT HOLD.</u>	✓	
Framing in Peaks, Angle or F	8 3 .35	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	6'3" .40	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 @ 5¼ C to C.	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	<u>YES AMIDSHIPS.</u>	✓	Breadth and thickness of Middle Line Strake ...	95x.48	✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<u>DEEP FRAMES, 2 SIDE STRINGERS IN HOLD 4 SIDE STRINGERS IN DEEP TANKS, F.P. TANK. INCREASED RIVETING & AS APPROVED</u>	✓	Thickness of remainder in Holds40	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<u>INCREASED SHELL & RIVETING, SINGLE FRAMES, D.R.P. VERTICAL B.A. & BKTS ON FLOORS & LONGITUDINALS: LONGITUDINALS CLOSED TO 24"</u>	✓	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?	YES.	✓
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, E or F		
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, E or F		
Middle Line Keelson, on Floors, Angles, E or F			Spacing		
" " Through Plate or Intercostal Plate ...			Second Deck, amidships, Angle, E or F		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, E or F		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercostal Plate...			Fourth Deck, amidships, Angle, E or F		
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, E or F		
Solid Floors, thickness and spacing	38 @ 4'-6" Spacing.	✓	Spacing		
" " Are Frame and Reversed Frame joggled?	YES.	✓	Bridge Deck, Angle, E or F		
Bracket Floors, breadth and thickness at middle line	38 AT MARGIN IN WAY OF	✓	Spacing		
" " breadth and thickness at margin plate	INTERM. FRAMES	✓	Forecastle Deck, Angle, E or F	8 3 .35	✓
			Spacing	24	✓

SEE PARTICULARS OF LONGITUDINALS ON ATTACHED REPORT 1*

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Lloyd's Register Foundation

W181-0035113

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.
PILLARS, No. of Rows.....	No PILLARS.	✓			
" in 'tween Decks, Size and Spacing.....	SIDE BALLAST TANKS FIXED BY S UNDER 2 ND DECK	✓	Stringer Plate, breadth and thickness in way of Bridge	✓	
" " " " "	DECK SUPPORTED BY	✓	Thickness of Plating abreast Deck openings in way of Wells	40	✓
" in Holds " "	AND EM ARCH BEAMS	✓	Thickness of Plating abreast Deck openings in way of Bridge	✓	
" " " " "	F.A. BRACKETE TO B.W. 8 PL PER APPROVED PLAN	✓	Thickness of Plating within line of openings..	39	✓
Centre Line Bulkhead.			If Sheathed, material and thickness	5 1/2 X WOOD PART IN ACCOMMODATION	✓
Stiffeners and Spacing.....	NONE		Third Deck.		
Plating, thickness of	NONE		Stringer Plate, breadth and thickness.....	✓	
STRINGERS AND DECKS.			If Plated, state thickness.....	✓	
Uppermost Continuous Deck.			Fourth Deck.		
Stringer Plate, breadth and thickness in Walls	63 x 70	✓	Stringer Plate, breadth and thickness.....	✓	
" " " " , in way of Bridge	✓		If Plated, state thickness	✓	
" Angle in Wells	6 x 6 x 70	✓	Poop Deck.		
Thickness of Plating abreast Deck openings in way of Wells	64	✓	Stringer Plate, breadth and thickness	✓	
Thickness of Plating abreast Deck openings in way of Bridge	✓		Plating, Sheathing, material and thickness ..	✓	
Thickness of Plating within line of openings..	40	✓	Bridge Deck.		
If Sheathed, material and thickness	OF ACCM AT STERN	✓	Stringer Plate, breadth and thickness.....	✓	
Second Deck.			Plating, Sheathing, material and thickness ..	✓	
Stringer Plate, breadth and thickness in Walls..	50 1/2 x 40	✓	Forecastle Deck.		
			Stringer Plate, breadth and thickness.....	36	✓
			Plating, Sheathing, material and thickness ..	34	✓
				NO SHEATHING.	✓

SCANTLINGS.					RIVETING.									
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? No.			BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing or to cr.		Diam.	Spacing or to cr.			
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.				
FLAT PLATE KEEL	50	.72 ✓	.64 ✓	.64 ✓		DOUBLE	7/8	3 3/8	4R - 3R.	7/8	3 3/4 ✓	LAPPED		
" DELG. (if any)						✓	✓	✓	✓	✓	✓			
BOTTOM PLATING, No. of Strakes ..{ FOUR.. }		.53 ✓	.46 ✓	.46 ✓	FOR" OF 1/2 L BOTTOM SHELL To COLL B ND ✓	DOUBLE	7/8	3 3/8 ✓	3R	7/8	3 3/8 ✓	LAPPED		
BILGE PLATING, No. of Strakes ..{ TWO.. }		.54 ✓	.48 ✓	.47 ✓		"	7/8	3 3/8 ✓	3R	7/8	3 3/8 ✓	"		
SIDE PLATING, No. of Strakes ..{ FOUR.. }		2 @ .53 ✓	.47 ✓	.47 ✓		DOUBLE { 3 STRAKES STRAKE	7/8	3 3/8 ✓	3R	7/8	3 3/8 ✓	"		
UPPER DECK, Sheer-strake in Walls	64 1/2	.70 ✓	.42 ✓	.42 ✓					4R - 3R.	7/8	3 1/2 ✓	"		
UPPER DECK, Sheer-strake in Bridge ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓			
STRAKE BELOW Sheer-strake in Walls	68	.60 ✓	.42 ✓	.42 ✓		DOUBLE	7/8	3 1/2 ✓	3R.	7/8	3 3/8 ✓	LAPPED.		
STRAKE BELOW Sheer-strake in Bridge ...	✓	✓	✓	✓		NOTE! - CLOSE SPACED RIVETING IN 3 SEAMS OF SIDE SHELL IN F & A BODIES. ✓								
POOP SIDE PLATING	✓	✓	✓	✓										
BRIDGE SIDE PLATING ...	✓	✓	✓	✓										
FORECASTLE SIDE PLATING	✓	✓	.42 ✓	✓		SINGLE	7/8	3 3/4 ✓	1R.	7/8	3 3/8 ✓	LAPPED		

Total No. of W.T. BULKHEADS in Vessel—		FORGINGS AND CASTINGS.			
		Castings or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Extending to Upper Deck (Sec. 3 c)	1 ✓				
" Deck next below	6 ✓				
As per Rule	6 ✓				
		KEEL, Bar	FLAT PLATE KEEL ✓		
		STEM	ROLLED STEEL 9 x 2 7/8 IN. STREAM LINE ✓		

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		FLAT PLATE KEEL	✓	
STEM	ROLLED STEEL CASTING.	9 x 2 1/2" STEAM LINED PLATE	✓	
STERN FRAME {	Propeller Post	STEEL COY OF	✓	
Rudder	"	- DO - PLAN	✓	SCOTLAND
Speed of Vessel		1 1/2 KNOTS	✓	
RUDDER—Type		DOUBLE PLATE STREAM LINED	✓	
" A x D		6 7 1	✓	DENNYBROWN
" Diam. of head	FORGING	1 1/2" DIA	✓	FORCE CO
" Mainpiece at top pintle	STEEL CASTING	12 x 10 1/2"	✓	THE STEEL COY OF
" " heel ...		- DO - COMPLETE CAST	✓	SCOTLAND
" how constructed		STEEL FRAME	✓	
" double or single plate		4 2	✓	
" coupling, vertical or horizontal		HORIZONTAL	✓	

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Colvilles Ltd, Steel Co of Scotland OPEN HEARTH.

Has the Steel been tested as required by the Rules? YES. ✓

EQUIPMENT No 37,055.											LETTER "Z"		ANCHORS.		
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TANKS &c.	Description of Anchor.	Makers.	Where and when tested and Superintended.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
24910	1st Bower ...	64	1	0	STOCKLESS.			50	12	2	0	63 3/4	BIGERS IMPROVED STOCKLESS.	NOT STATED.	
24886	2nd " ...	63	3	14	Do-			50	10	0	0	63 3/4	Do- Do-	Do-	LOW WALKER; 9-5-37; A. GREEN.
37215.	3rd " ...	54	2	0	Do-			45	1	1	0	54 1/2	Do- Do-	Do-	Do- 15-5-37; A. GREEN.
	Collective weight.	182	2	14								182.			SUNDERLAND; 1-6-37; J.H. BUTLER.
96232.	Stream	17	2	17	4	1	18	18	16	1	0	17 1/2	DRY, FORGED WEAT. IRON.	J. TAYLOR & SONS LTD.	NETHERTON; 8-5-37; J.A. REEL.

S.S. "IRON CHIEFTAIN" (LITHGOWS LTD YARD N° 903)
PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.			AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.					
In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.			Spacing of Rivets on each side of Transverses and Bulkheads.			Rivets in Brackets to Bulkheads.		
Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
Framing of L, L & X			7	3 1/2	.38 ✓	7	3 1/2	.38 ✓	7	3 1/2	.38 ✓	7	3 1/2	.38 ✓	7/8	5/4 ✓	5/4 ✓	7	7/8 ✓	
Frames in Bridge 'tween Decks			- Do -		✓	- Do -		✓	- Do -		✓	- Do -		✓	Do	5/4 ✓	5/4 ✓	7	7/8 ✓	
Frames from Uppermost Continuous Deck			- Do -		8" 5/16	- Do -		✓	- Do -		✓	- Do -		✓	7/8	4 3/8 ✓	4 3/8 ✓	7	7/8 ✓	
IN TWEEN DECK			- Do -		T 6	- Do -		✓	- Do -		✓	- Do -		✓	Do	4 3/8 ✓	4 3/8 ✓	7	7/8 ✓	
SIDE BALLAST TANK			- Do -		8" 1/2	- Do -		✓	- Do -		✓	- Do -		✓	Do	4 3/8 ✓	4 3/8 ✓	7	7/8 ✓	

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

1m,10,29. T.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

18101-0025 (22)

1481-0035(25)

Lloyd's Register

Foundation

0035231

005513

EQUIPMENT No 37,055.										LETTER "Z"		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.	Cwts.					
24910	1st Bower ...	64	1	0	✓	STOCKLESS.		50	12	2	0	✓	63 3/4	IMPROVED STOCKLESS.	NOT STATED.	LOW WALKER; 9-6-37; A. GREEN.	
24886	2nd " ...	63	3	14	✓	-Do-		50	10	0	0	✓	63 3/4	-Do- -Do-	-Do-	-Do- 15-5-37; A. GREEN.	
37215	3rd " ...	54	2	0	✓	-Do-		45	1	1	0	✓	54 1/2	-Do- -Do-	-Do-	SUNDERLAND; 1-6-37; J.H. BUTLER.	
	Collective weight.	182	2	14	✓								182.	✓			
96232	Stream	17	2	17	✓	4	1	18	✓	18	16	1	0	✓	17 1/2	✓	DRY FORGED WEST. IRON. S. TAYLOR & SONS, LTD. NETHERTON; 8-5-37; J.A. REIF.

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.	Statu-tory.	Break-ing.	Supplied.	Per Rule.		Length.	Diam.					Fathoms.	Ins.	Tons.	Length.	Ins.	
88696	270	1 5/16	94 5/10	132 3/10	550.0-21	✓		270	2 3/16	STUB LINK "TAYCO"	S. TAYLOR & SONS, LTD.	NETHERTON; 17-8-37; J.A. REIF.	TOWLINE...	120	5	52.8	120	5	✓
													HAWSERS & WARPS	2@90	2 3/4	15.2	2@90	2 3/4	✓
													"	2@90	2 3/4	15.2	2@90	2 3/4	✓
													"	2@90	2 3/4	15.2	2@90	2 3/4	✓
													"	2@90	3	18.6	EXTRA WIRES		✓
Stream	90	4 3/4		47				90	4 3/4										

Steering Gear, ~~Steam~~ ELECTRIC HYDRAULIC By BROWN BROS. EDINBURGH. Steering Gear, Hand NONE {SEE GLASGOW SECY'S LETTER DATED 19TH DEC 1935}

Boats 2@28', 1@16' Dinghy, 1@18' Cutter. Steering Chains, Size and Test STEERING ENGINE AFT, TELE MOTOR CONTROL. Windlass STEAM By CLARKE CHAPMAN & CO. LTD.

Ceiling in Holds, thickness and material 2 1/2" ELM ON TANK TOP, DOUBLE CEILING (ELM) OVER BILGES. Cargo Battens, thickness, material and spacing NONE FITTED ✓

Cargo Hatchways. (Upper Deck) COAMING 36" HIGH, FITTED WITH NIELSEN PATENT WEBS. Thickness of Hatches 2 1/2" W.P. Coal Hatch P&S

Size of No. 1 Hatchway (Forward) 36'0" x 28'0" No. 2 36'0" x 28'0" No. 3 36'0" x 28'0" No. 4 30'0" x 28'0" No. 5 15'0" x 28'0" No. 6 17'8 1/2" x 3'6"

Number of Shifting Beams and/or Fore and Afters No 1-5: No 2-5: No 3-5: No 4-4: No 5-5 (FITTED F&A).

Builder's Signature

For LITHGOWS LIMITED

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel No

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo No The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with the approved plans and in general conformity with the Society's rules for the class contemplated ✓

The materials & workmanship are of good quality.

All the double bottom tanks, deep tank forward, side ballast tank, port & starboard, fore and after peak tanks have been tested as required by the rules & found satisfactory.

The weather decks & watertight bulkheads have been hose tested and found satisfactory.

The freeboard has been verified & the marks cut in on the vessel's sides. ✓

The vessel has been specially designed for the carriage of iron ore, side ballast tanks have been built on the Port & Starboard sides under the second deck, 249' 9" in length.

Interim Certificate issued (copy attached)

The amount of Entry Fee £ 8 : 0 : 0. Fees applied for, 23rd Dec. 1937

Special Survey Fee.... £ 315 : 12 : 0. Received by me, 29.12.1937

FREEBOARD 15 : 0 : 0.

Travelling Expenses, if any £ 3 : 3 : 0

DAMAGE FEE

State whether the Vessel has been built under Special Survey YES ✓

WE ARE of opinion the Vessel should be Classed 100 A1 WITH FREEBOARD LONGITUDINAL FRAMING AT BOTTOM, DECKS AND IN CANTILEVER SIDE TANKS.

Signature Kenneth Inglis & R. M. Scott.

Surveyors to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 28 DEC 1937

Character assigned :- 100 A1

With freeboard

12.37

Lloyd's Assoc

+ L.M.C. 12.37 F.D.

Cargo battens not fitted

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.)

This vessel is a sister ship to the S.S. 'IRON KNIGHT' Greenock first entry report No. 20447.

Plans of vessel as built (i.e. Profile & Decks and midship section), approved plans and casting & forging reports are forwarded as detailed on attached sheet.

Damage:-

On the examination of vessel's bottom in dry dock prior to trial trip, two keel plates were found to be slightly set up.

Now done One keel plate taken off faired & refitted.

One keel plate faired in place.

A stake plates in way of these plates faired in place.

All broken cement taken out & replaced and tank in way of same afterwards retested.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

CRUISER STERN, E. S. D.,

CARGO BATTENS NOT FITTED.

LONGITUDINAL FRAMING AT BOTTOM, DECKS AND IN CANTILEVER SIDE TANKS

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

1st Bower (INCLUDING PINS.) 4" 2-21; W.H.; No. 6541; 9-4-37
2nd " (" ") 42-0-7; W.H.; No. 6543; 9-4-37
3rd " (" ") 36-1-0; W.H.; No. 6307; 5-2-37.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 39.5 ft. ON SHELTER DECK
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Over-all Length 419.0 FT ☒

No. and Material of Decks 1 DK AND SHELTER DECK.

Official No. : Signal Letters Is bottom of vessel coated with cement IN TANK UNDER BOILERS. ☒ if not give particulars of composition. REMAINDER OF BOTTOM CEMENT WASHED. CEMENT IN FORE & AFTER PEAKS, BILGES COATED WITH PATENT COMPOSITION.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,		<input checked="" type="checkbox"/>	Fore peak tank,		181 <input checked="" type="checkbox"/>
Double bottom, under Engines and Boilers,	87.75	289 <input checked="" type="checkbox"/>	After peak tank,		93 <input checked="" type="checkbox"/>
Double bottom, if under Engines only,		<input checked="" type="checkbox"/>	Deep tank, aft,		<input checked="" type="checkbox"/>
Double bottom, if under Boilers only,		<input checked="" type="checkbox"/>	Deep tank, forward,	14.0	310 <input checked="" type="checkbox"/>
Double bottom, forward,	249.75	1105 <input checked="" type="checkbox"/>	Other tanks, if fitted, SIDE BALLAST TANKS, PORT & STARBOARD	249.75	1042 <input checked="" type="checkbox"/>
Total capacity of double bottom 337.5		1394	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 3100.

Date 2ND OCTOBER 1936.

Dates of Surveys held while building

(1936) OCT. 5. 4. 15. 26. 28. NOV. 3. 5. 9. 12. 20. DEC. 1. 4. 10. 15. 14. 21. 24. 29. (1937) JAN. 6. 12. 14. 15. 20. 22. 25. 26. 24. 28. 29. FEB. 5. 8. 12. 16. 14. 18. 22. 23. 24. 29. MAR. 1. 2. 5. 9. 16. 14. 19. 30. APR. 1. 6. 8. 9. 13. 15. 21. 22. 23. 28. 29. 30. MAY. 4. 6. 11. 14. 18. 20. 24. 28. 31. JUNE 2. 4. 9. 11. 14. 18. 23. JULY 13. 14. 19. 20. 24. 28. 29. AUG. 2. 5. 9. 16. 23. 24. 24. 30. 31. SEPT. 1. 2. 3. 6. 8. 9. 10. 15. 16. 14. 20. 21. 22. 24. 24. 29. 30. OCT. 5. 8. 11. 12. 15. 19. 20. 29. NOV. 6. DEC. 3. 15. 16. 14. 20. 21. 22. Total No. of Visits 126