

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.....	ONE	ROW			Stringer Plate, breadth and thickness in way of Bridge	66	34	✓	
„ in 'tween Decks, Size and Spacing.....	CENTRE PILLARS AND HATCH SIDE				Thickness of Plating abreast Deck openings in way of Wells		30	✓	
„ „ „ „ „	GIRDERS IN HOLDS AND 'TWEEN DECKS				Thickness of Plating abreast Deck openings in way of Bridge		30	✓	
„ in Holds „ „	AS PER HOPP PLAN.				Thickness of Plating within line of openings...		50	✓	
„ „ „ „ „					If Sheathed, material and thickness		✓		
Centre Line Bulkhead.					Third Deck.				
Stiffeners and Spacing.....	✓				Stringer Plate, breadth and thickness.....		✓		
Plating, thickness of	✓				If Plated, state thickness.....		✓		
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....		✓		
Stringer Plate, breadth and thickness in Wells	60	79	✓		If Plated, state thickness		✓		
„ „ „ „ in way of Bridge	60	36	✓		Poop Deck.				
„ Angle in Wells	6	6	79	✓	Stringer Plate, breadth and thickness	33	34	✓	
Thickness of Plating abreast Deck openings in way of Wells	FORWARD AFT	56 50	✓		Plating, Sheathing , material and thickness ...		34	✓	
Thickness of Plating abreast Deck openings in way of Bridge		32	✓		Bridge Deck.				
Thickness of Plating within line of openings...		40	✓		Stringer Plate, breadth and thickness.....	58 1/2	40	✓	
If Sheathed, material and thickness	✓				Plating, Sheathing , material and thickness ...		40	✓	
Second Deck.					Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells...	66	34	✓		Stringer Plate, breadth and thickness.....	32 1/2	34	✓	
					Plating, Sheathing, material and thickness ...	30 & SHEATHED 5 x 2 1/2 P.P.		✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <u>ORDINARY</u>			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.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	47½	70	63	63		DOUBLE	7/8	3½	4R-3R	7/8	3½	LAPPED.
„ DECK (if any)												
BOTTOM PLATING, No. of StrakesH.....		59	44	44		„	„	„	3R	„	3/8	„
BILGE PLATING, No. of Strakes1.....		59	44	44		„	„	„	„	„	„	„
SIDE PLATING, No. of Strakes3.....		59	42	42		„	„	„	„	„	„	„
UPPER DECK, Sheer- strake in Wells.....	49½	80	42	42		„	1	3¾	4R-3R	1"	4	„
UPPER DECK, Sheer- strake in Bridge ...	69	59				„	7/8	3½	3R	7/8	3½	„
STRAKE BELOW Sheer- strake in Wells.....	66	68	42	42		„	„	„	„	„	„	„
STRAKE BELOW Sheer- strake in Bridge ...		59				„	„	„	„	„	„	„
POOP SIDE PLATING				36		SINGLE	¾	3	1R	¾	2½	„
BRIDGE SIDE PLATING ...		53				DOUBLE	7/8	3½	3R	7/8	3½	„
FOREC'TLE SIDE PLATING			40			SINGLE	¾	3	1R	¾	2½	„

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— 6

Extending to Upper Deck (Sec. 3 c)..... 6

„ Deck next below..... ✓

As per Rule..... 6 ✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	ROLLED STEEL BAR.	$8\frac{3}{4}'' \times 2\frac{3}{8}''$	PORTLAND FORGE.	
STERN FRAME {	Propeller Post	FORGING	$10\frac{7}{8}'' \times 6\frac{1}{2}''$	CALEDONIAN
	Rudder „	„	$9\frac{1}{4}'' \times 6\frac{1}{2}''$	FORGE.
RUDDER—A × D	BALANCED REACTION RUDDER AS PER APP ^d PLAN.			
Speed of Vessel	10 knots			
RUDDER mainpiece at head ...	FORGING.	$10\frac{1}{2}''$	HITKONITZER BERGBAU	
„ „ heel ...	„	$7\frac{3}{4}''$	& EISENH.	
„ how constructed	BUILT FORGING.			
„ double or single plate	SINGLE PLATE.			
„ 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). OPEN HEARTH PROCESS.

STEEL. STEEL Co of SCOTLAND L^o ; LANARKSHIRE STEEL Co L^o ; JAMES DUNLOP & Co L^o ; DORMAN LONG & Co L^o ;
FORDINGHAM IRON & STEEL COMPANY ; SCOTTISH IRON & STEEL Co L^o ; D. COLVILLE & SONS L^o .

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

EQUIPMENT No. 28516

LETTER *W*

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.				
32011	1st Bower ...	52	3	21	Stockless.			44	5	0	0	52½	BYERS IMPROVED	✓	SUNDERLAND.	23.4.29
31993	2nd „ ...	52	2	0	„			43	18	3	0	52½	D ²	✓	J. H. BUTLER	D ² 18.4.29
31935	3rd „ ...	44	2	21	„			39	1	3	14	44½	D ²	✓		D ² 25.3.29
	Collective weight.	150	0	14								149½				
17804	Stream	14	0	0	3	2	21	15	12	0	0	14	RODGERS.	R SYKES & SONS L ^o	CARDIFF.	4.3.29 H. JONES.

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.	Status-ory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	In.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	In.					Fathoms.	In.	Tons.	Fathoms.	In.
32211	180	2½	76½	107½	387 · 2 · 0	573¾	270	2½	STUD LINK.	R. SYKES	CARDIFF 25·2·29	TOWLINE... HAWSEERS & WARPS }	120	4½	39	120	4½
32186	15	"	"	"	32 · 1 · 21					"	10·8·28						
32187	15	"	"	"	32 · 1 · 14					"	10·8·28						
32189	15	"	"	"	32 · 1 · 0					"	10·8·28						
32218	15	"	"	"	32 · 2 · 14					& SONS	13·8·28						
32219	15	"	"	"	32 · 2 · 14						13·8·28						
32221	15	"	"	"	32 · 0 · 14						14·8·28						
	270	Oir.			581-3-21			Oir.		L ^D .		A. JONES.	4290	7"	MANILLA	4290	2½ OR 7" ROPE.
Iron Stream Chain or Steel Wire	90	4½	39				90	4½		P. S. W.							

Steering Gear, Steam BY J LYNN & CO L^D

Steering Gear, Hand BY RELIEVING TACKLES TO POOP WINCH

Boats 2 LIFEBOATS; 1 GIG; 1 DINGHY.

Steering Chains, Size and Test *1" DIA^R SHORT LINK. 12 TONS*

Windlass STEAM BY EMERSON WALKER L^D.

Ceiling in Holds, thickness and material 2 1/2" N.P. UNDER HATCHES ONLY. **Cargo Battens**, thickness, material and spacing 2" N.P. SPACED 12" APART.

Cargo Hatchways.—(Upper Deck) *STEEL PLATES & ANGLES* Thickness of Hatches *2½" SOLID COVERS*

Size of No. 1 Hatchway (Forward) $24'-9'' \times 18'-0''$ No. 2 $30'-0'' \times 18'-0''$ No. 3 $30'-0'' \times 18'-0''$ No. 4 $25'-0'' \times 18'-0''$ No. 5 $16'-9'' \times 18'-0''$ No. 6 $13'-0'' \times 11'-0''$ BRIDGE HATCH ✓ ROOF HATCH ✓

Number of **Shifting Beams** and/or **Fore and Afters** 4 WEBS IN Nos 1 & 4 HATCHES; 5 WEBS IN Nos 2 & 3 HATCHES; 2 WEBS IN BR HATCH; 2 WEBS POOP HATCH.

Builder's Signature **FOR LITHGOWS LIMITED** *R Campbell*

GENERAL DECLARATION. *It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel.....✓..... (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo.....✓..... 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 & in general conformity with the Society's Rules for the class contemplated.

The workmanship is good & the materials used in the vessel's construction are also good.

All the Double Bottom Tanks, Fore Peak Tank & the After Peak Tank were tested as required by the Rules & found Satisfactory.

The weather decks, H.T. Bulkheads & Shaft Tunnel were loose tested & found
Satisfactory.

The Loo-board was verified & the marks cut in on vessels' sides.

The amount of Entry Fee £ 7 : 0 : 0 } Fees applied for,

Special Survey Fee.... £ 265: 7 : 0

FREEBOARD.
Travelling Expenses, if any £ 8 : 5 : 0 20.8 1929

Fees applied for,

16TH AUGUST 1929

Received by me,

20.8. 1922

I am of opinion the Vessel should be Classed **✠ 100A1**

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

Signature

R. Randomeit

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to..... **GREENOCK.**

Date of issue

Committee's Minute GLASGOW 20 AUG 1929

Character assigned $+100$ A1

f. 29

Lesyn's A.C.P.

+ L. M. C. P. 29. F. D.

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.)

List of Plans.

Midship Section; Profile & Decks; Sternframe; Rudder; W.T. Bulkheads; Quadrant; Strengthening in Double Bottom forward; Pillars; Hatches; Amended Hatch-Side Beams & girders at 2nd Deck; Tunnel; Pumping Arrangements; Midship Section; Profile & Decks; (as built).

Forging Reports: Sternframe; Rudder; Tiller;

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

	1st Bower	WEIGHT HEAD & PIN.	SURV INITS	NO CERT	DATE OF TEST.
		34-0-7	K.H.	6238	12.3.29
	2nd "	33-3-14	K.H.	6232	12.3.29
	3rd "	28-2-7	K.H.	5699	30.8.28.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 34.25 ft., R.Q.D. ☒ ft., Bridge 107.5 ft., Forecastle 38.08 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 2 DKS (STL).

Official No. 145654; Signal Letters Is bottom of Vessel coated with cement ☒ if not give particulars of composition PORTLAND CEMENT IN DOUBLE BOTTOM UNDER BOILERS & IN PEAK TANKS. ELSEWHERE CEMENT FILLETS.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	110	280	Fore peak tank,		
Double bottom, under Engines and Boilers,	22.5	85	After peak tank,		87
Double bottom, if under Engines only,			Deep tank, aft,		88
Double bottom, if under Boilers only, DRY TANK.	15.0		Deep tank, forward,		
Double bottom, forward,	154.5	484	Other tanks, if fitted,		
Total capacity of double bottom		849	(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. 3242

Date 5th December 1928

Dates of Surveys held while building

(1928) Nov. 16. 23. 24. 30. Dec. 5. 12. 18. 19. 20 (1929) Jan. 4. 8. 11. 15. 21. 22. 25. 28. 31. Feb. 4. 5. 12. 19. 21. 25. Mar. 5. 8. 11. 13. 19. 20. 22. 29. April 1. 4. 9. 11. 15. 14. 23. 24. 30. May 4. 14. 16. 20. 23. 24. 29. 31. June 3. 4. 4. 10. 11. 12. 13. 14. 18. 20. 21. 24. 25. 26. 24. 28. July 1. 2. 3. 31. Aug. 13. 16.

Total No. of Visits 41

Lloyd's Register Foundation