

PILLARS AND DECKS.

PILLARS, No. of Rows.....	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
" in 'tween Decks, Size and Spacing.....					
" " " " " "					
" in Holds " "					
" " " " " "					
Centre Line Bulkhead. (OILTIGHT).	7 1/2 x 3 x 40 B.A.	AS PER APP PLAN.			
Stiffeners and Spacing.....	12 x 3 1/2 x 56 B.A. SPACED 30"				
Plating, thickness of	AS APPROVED.				
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells	69"	69	66" x 69		
" " " " in way of Bridge	69"	83			
" Angle in Wells	6 x 6 x	69			
Thickness of Plating abreast Deck openings in way of Wells		64			
Thickness of Plating abreast Deck openings in way of Bridge		86			
Thickness of Plating within line of openings.....		89			
If Sheathed, material and thickness					
Second Deck.					
Stringer Plate, breadth and thickness in Wells	7 1/2	46			
" ANGLE	6 x 6 x	46			
Stringer Plate, breadth and thickness in way of Bridge	7 1/2	46			
Thickness of Plating abreast Deck openings in way of Wells		44			
Thickness of Plating abreast Deck openings in way of Bridge		60	56		
Thickness of Plating within line of openings.....		40			
If Sheathed, material and thickness					
Third Deck.					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness.....					
Fourth Deck.					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness.....					
Poop Deck.					
Stringer Plate, breadth and thickness	36	38			
Plating, Sheathing, material and thickness	30 WITH 4 x 3 TEAK SHEATHING IN WAY OF ACCOMMODATION				
Bridge Deck.					
Stringer Plate, breadth and thickness.....	63	44	42" x 44		
Plating, Sheathing, material and thickness	34 WITH 5 x 3 RP SHEATHING INSIDE BRIDGE HOUSE.				
Forecastle Deck.					
Stringer Plate, breadth and thickness.....	36	38			
Plating, Sheathing, material and thickness	36 STL DECK.				

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled? No.	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.	
FLAT PLATE KEEL	60	1.02 ✓	.80 ✓	.80 ✓		DOUBLE	1 1/8	4	3 R	1 1/8	4 1/2	DOUBLE STRAPS	
„ Date. (if any)													
BOTTOM PLATING, No. } of Strakes ... FIVE ... }		.66 ✓	.52 ✓	.54 ✓		"	7/8	3 1/2	4 R - 3 R	7/8	3 1/2	LAPPED.	
BILGE PLATING, No. of } Strakes ONE ... }		.66 ✓	.52 ✓	.52 ✓		"	7/8	3 1/16	4 R - 3 R.	7/8	"	"	
SIDE PLATING, No. of } Strakes FOUR ... }		.64 ✓	.48 ✓	.51 ✓		"	7/8	"	4 R - 3 R	7/8	"	"	
UPPER DECK, Sheer- } strake in Wells. }	59"	.92 ✓	.48 ✓	.48 ✓		"	1	4	3 R	1	4	DOUBLE STRAPS	
UPPER DECK, Sheer- } strake in Bridge ... }	59"	1.10	AT BRIDGE ENDS & POOP FRONT.			"	1 1/8	4 1/2	3 R	1 1/8	4 1/2	" "	
STRAKE BELOW Sheer- } strake in Wells. }	59	.80 ✓	.48 ✓	.48 ✓		"	1	4	4 R - 3 R	1	"	LAPPED.	
STRAKE BELOW Sheer- } strake in Bridge ... }	59	.80				"	1	4	4 R	1	"	"	
POOP SIDE PLATING		AT POOP FRONT .51				"	7/8	3 1/2					
BRIDGE SIDE PLATING41				SINGLE	7/8	3 1/2	2 R	7/8	3 1/8	"	
FOREC'TLE SIDE PLATING		.54 AT BRIDGE ENDS.				"	7/8	3 1/2	3 R	7/8	"	"	
		.44				"	7/8	3 1/2	3 R.	7/8	"	"	
		.44 ✓				"	7/8	3 1/2					

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c).....	18
" Deck next below	
As per Rule	18

STIFFENERS.	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper 'tween decks (SUMMER TANK).	38-34	1 WEB.	7'-6"	6 x 3 x 36 B.A.	30"
" " Second "					
" " Third "					
" " Holds	52-34	3 WEBS	7'-6"	6 x 3 x 36 B.A.	30"
COLLISION " (in Hold)	48-29	12 x 3 1/2 x 50 B.A.	30"	CHAIN LOCKER FLAT AND 1 1/2 x 1 1/2 x 50 B.A.	30"
AFTER PEAK " "	40-30	10 x 3 1/2 x 50 B.A.	30"	DYNAMO FLAT & 2" DECK.	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	ROLLED STEEL BAR.	10 1/2 x 2 1/2	PORTLAND FORGE.	11" x 2 3/4"
STERN FRAME { Propeller Post	FORGING.	11" x 9 1/2"	R. KERR & SONS LTD	
{ Rudder	"	9 1/2 x 9 1/2		
RUDDER—A x D		7' 7 1/4" x 0' 9"		
Speed of Vessel		11 1/2 K.		
RUDDER mainpiece at head	FORGING.	13 1/2	OSTSU-WERFT A.G.	
" " heel	"	10 1/4	STETTIN-FRAUENDORF.	
" how constructed	BUILT FORGING.			
" double or single plate	SINGLE PLATE	1.16		
" coupling, vertical or horizontal				

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH PROCESS.
	STEEL COY OF SCOTLAND LTD; DORMAN LONG & CO; BOLCKOW VAUGHAN & CO; D. COLVILLE & SONS; H. BEARDMORE & CO; LANARKSHIRE STEEL CO; STEWART & LLOYDS; PEARCE & PARTNERS LTD; EISENWERK KRAFT ABTEILUNG LIEBHERR HEINRICH HUTTE; SOCIETE ANONYME D'OUVREE - MARILHAYE.
	Has the Steel been tested as required by the Rules? YES.

EQUIPMENT No. 47130 ✓												LETTER df ✓		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.			
29477	1st Bower ...	81	3	0	Stockless			59	10	0	0	81½	BYERS IMPROVED	W.L. BYERS & CO. L ^d	SUNDERLAND 31.5.26 J. H. BUTLER.
29476	2nd „ ...	81	1	0	„			59	10	0	0	81½	D ^o	D ^o	D ^o
29470	3rd „ ...	69	3	14	„			53	15	0	0	69½	D ^o	D ^o	D ^o
	Collective weight.	232	3	14								✓ 232 ✓			
16608	Stream	24	0	0	6	1	14	23	17	2	0	23½	ORDINARY.	KENDRICK & MOLE L ^d	CARDIFF 11.6.26
16607	KEDGE	12	1	14	3	1	14	14	4	0	0	✓	D ^o	D ^o	A. JONES. D ^o
CHAIN CABLES.														HAWSERS AND WARPS.	

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.	Stations.	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.
29775	300	2 1/2	112 1/2	157 1/2	948-2-0	940		300	2 1/2	STUD LINK	KENDRICK & MOLE L ^{td}	CARDIFF 2.6.26 H. JONES.	TOWLINE...	130	6	85	130	6
													HAWSERS & WARPS	22100	2 3/4	15 1/2	22100	2 3/4
														22100	8	HEMP	22100	8
Low Stream Cable of Steel Wire	120	5 1/4	65					120	5 1/4	G.S.H.				2225	5	59		

Steering Gear, Steam BY BROWN BROS. OF EDINBURGH.

Steering Gear, Hand BY BROWN BROS. EDINBURGH.

Boats 4 LIFEBOATS & 1 DINGHY.

Steering Chains, Size and Test

✓ TELEMETER FITTED.

Windlass STEAM, BY EMERSON, WALKER, THOMPSON

CARGO

Ceiling in Hold, thickness and material 2 1/2" W. PINE.

Cargo Battens, thickness, material and spacing 3 3/4" COPE SPARRING. 12" SPACING.

Cargo Hatchway 4. (Upper Deck) STEEL COAMINGS AND ANGLES

Thickness of Hatches 30 STEEL PLATE COVER.

OIL TIGHT HATCHWAYS. STEEL COAMING AND ANGLES AS PER APPROVED PLAN.

Size of No. 1 Hatchway (Forward) 10'0" x 15'0" No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters

NONE

Builder's Signature For LITHGOWS LIMITED.

GENERAL DECLARATION The Vessel has been built in accordance with the approved plans and in general conformity with the Society's Rules for the class contemplated. The workmanship is good and the materials used throughout in the vessel's construction are also good.

The cargo oil tanks, summer tanks, oil fuel bunkers, cofferdams, double bottom tanks, fore peak tank & after peak tank have been tested to rule requirements and found satisfactory, and Sect 35 of the Rules fully complied with.

Weather decks have been hose tested and found satisfactory. Chain locker hose tested and found satisfactory.

Freeboard verified and marks cut in on vessel's sides.

List of approved plans:— MIDSHIP SECTION, PROFILE & DECKS, STERNFRAME, RUDDER, ALT FRAMING IN POOP, OIL FUEL BUNKERS, BRACKET DETAILS, FORE END SECTIONS, SECTIONS IN E & B SPACE, MIDSHIP DECKHOUSES, SIDEHOUSES IN POOP, ENGINE & BOILER CASINGS, MAST PLAN, POOP, BRIDGE, FOCKE BHES & UPPER DECK HOUSES.

CARGO OIL PIPING, PUMP ROOM, PIPING, BILGE & BALLAST PIPING.

PLAN OF MIDSHIP SECTION (AS BUILT) FORWARDED

FORGING REPORTS:— STERNFRAME, RUDDER, TILLER, WELINS DAVITS.

The amount of Entry Fee £ 11 : 0 : 0

Special Survey Fee £ 623 : 5 : 9

FREEBOARD.

Travelling Expenses, if any £ 14 : 0 : 0

Fees applied for,

1st Sept. 1926

Received by me,

14th Sept 1926

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

CARRYING PETROLEUM IN BULK
LONGITUDINAL FRAMING.

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

Signature

Robert Dunsmeith

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to **GREENOCK.**

Date of issue **9/9/26**

Committee's Minute **GLASGOW 7-SEP 1926**

Character assigned **+100A1**

Carrying Petroleum in bulk

9.26.

Longitudinal Framing.

Lloyd's A.C.P.

+L.M.C. 9.26. F.D.

Fixed for oil fuel 9.26.

F.P. above 150°F.

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Lloyd's Register
Foundation

W1037-0198 2/3

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.)

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Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	WEIGHT HEAD & PIN. 50-2-7	SURV INITS H B	NO OF CERTIFICATE 2737	DATE OF TEST. 27.4.26
	2nd "	50-3-21	H. B.	2736	27.4.26
	3rd "	44-1-0	K. H.	3797	30-3-26.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 117.8 ft., R.Q.D. ✓ ft., Bridge 42.5 ft., Forecastle 41.7 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) & WEB FRAMES

Official No. 149709 ; Signal Letters Is bottom of Vessel coated with cement No. if not given

particulars of composition BITUMASTIC ENAMEL IN DOUBLE BOTTOM TANKS. PORTLAND CEMENT IN PEAKS.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,	42.75	150	After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,	22.5	71	Deep tank, forward,		
Double bottom, forward,	35.0	97	Other tanks, if fitted,		
Total capacity of double bottom		318	(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. 3164

Date 30.11.25.

Dates of Surveys held while building

(1925) Oct. 1. 2. 8. 14. 15. 16. 19. 20. 21. 22. 25. 28. 29. Nov. 3. 4. 5. 6. 10. 11. 12. 13. 17. 18. 19. 20. 23. 24. 25. 26. 27. 30. Dec. 2. 3. 7. 8. 9. 10. 11. 14. 15. 18. 21. 23. 25. 28. 29. 30. (1926) Jan. 5. 6. 11. 12. 15. 18. 20. 21. 22. 26. 27. Feb. 1. 5. 10. 11. 12. 16. 19. 22. 25. Mar. 1. 5. 8. 11. 12. 15. 17. 19. 22. 23. 25. 29. Apr. 1. 5. 7. 8. 13. 15. 16. 20. 22. 26. 27. 28. 29. 30. May 1. 3. 4. 5. 6. 7. 8. 10. 11. 13. 14. 15. 17. 18. 19. 20. 21. 22. 24. 25. 26. 27. 28. 29. June 2. 4. 7. 8. 14. 15. 16. 17. 21. 23. 24. July 23. 25. Aug 18. 23. 25. 26. 28. Sept 2.

Total No. of Visits 137

PARTICULARS OF LONGITUDINAL FRAMING.

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he Plans sho

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.					
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames. Diam. Speng.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads.			
																Number.	Diameter Inches.		
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.				
Framing of \pm , L & C		6	3 1/2	40	6	3 1/2	40	6	3 1/2	40	6	3 1/2	40	7/8	5 1/4	6	DIAR ²		
Frames in Bridge 'tween Decks...		8 1/2	3 1/2	40	8 1/2	3 1/2	40	8 1/2	3 1/2	40	8 1/2	3 1/2	40	7/8	5 1/4	6	DIAR ²	9	7/8
Frames from Uppermost Continuous Deck		8 1/2	3 1/2	40	8 1/2	3 1/2	40	8 1/2	3 1/2	40	8 1/2	3 1/2	40	"	"	"		9	7/8
		8 1/2	3 1/2	40	8 1/2	3 1/2	40	8 1/2	3 1/2	40	8 1/2	3 1/2	40	"	"	"		9	7/8
		9	3 1/2	46	9	3 1/2	46	9	3 1/2	46	9	3 1/2	46	"	"	"		9	7/8
		10 1/2	3 1/2	50	10 1/2	3 1/2	50	10 1/2	3 1/2	42	10 1/2	3 1/2	42	"	"	"		12	7/8
		11	3 1/2	44	11	3 1/2	44	11	3 1/2	44	11	3 1/2	44	"	"	4 1/2 DIAR ² FOR 12 RIVETS.	11	7/8	
		11	3 1/2	48	11	3 1/2	48	11	3 1/2	48	11	3 1/2	48	"	"	"	"	11	7/8
		12	3 1/2	45	12	3 1/2	45	12	3 1/2	45	12	3 1/2	45	"	"	"	"	11	7/8
		12	3 1/2	45	12	3 1/2	45	12	3 1/2	45	12	3 1/2	45	"	"	"	"	11	7/8
		12	3 1/2	45	12	3 1/2	45	12	3 1/2	45	12	3 1/2	45	"	"	3 1/2 DIAR ² FOR 12 RIVETS.	11	7/8	
		12	3 1/2	54	12	3 1/2	54	12	3 1/2	54	12	3 1/2	54	"	"	"	"	11	7/8
		12	3 1/2	60	12	3 1/2	60	12	3 1/2	60	12	3 1/2	60	"	"	"	"	16	7/8
		17 x 4 x 4	48		17 x 4 x 4	48		17 x 4 x 4	48		17 x 4 x 4	48		"	"	"	"	No 13 18 R 15 & 20	7/8
		GIRDER 5 1/2 x 44						GIRDER 5 1/2 x 44						"	"				
		17 x 4 x 4	48		17 x 4 x 4	48		17 x 4 x 4	48		17 x 4 x 4	48		"	"	"	"	15 x 20	7/8
		BOTTOM & SIDES 30"			31 & 32"			BOTTOM & SIDES 30"			31 & 32"			RIVETS IN FRAMES IN NO 1 TANK		SPACED 4 1/2 DIAR ² THROUGH			
		30"			30"			30"			30"								
Spacing of Longitudinal Frames		Amidships			At Ends			Amidships			At Ends								
Double Bottoms		Tank Top Longitudinals			Bottom			Tank Top Longitudinals			Bottom			TRANSVERSE FLOORS 54" SPACE					
" L & A		7 1/2			8			7 1/2			8			4-6" APART.					
Spacing of Longitudinals		30"			30"			30"			30"			LONGITUDINAL FRAMING IN DOUBLE BOTTOM TANK UNDER BOILERS ONLY					
Transverses.		15 x 38			15 x 38			15 x 38			15 x 38			ENG & BOILER SPACE.					
In Bridge		FLANGED 5"			FLANGED 5"			FLANGED 5"			FLANGED 5"			POOP 6" x 3 1/2 x 40					
'tween Decks		3 1/2 x 3 1/2 x 40			3 1/2 x 3 1/2 x 40			3 1/2 x 3 1/2 x 40			3 1/2 x 3 1/2 x 40			FOCLE 3 1/2 x 3 1/2 x 40					
In Awaiting		23 1/2 x 44			23 1/2 x 44			23 1/2 x 44			23 1/2 x 44			27 x 40					
Shelter or		6 3 1/2 x 42			6 3 1/2 x 42			6 3 1/2 x 42			6 3 1/2 x 42			6 x 3 1/2 x 40					
Upper 'tween Decks.		6 6 x 44			6 6 x 44			6 6 x 44			6 6 x 44			6 x 6 x 44					
In Hold.		36 x 48			39 x 48			36 x 48			39 x 48			36 x 50					
Depth and Thickness		6 3 1/2 x 65			6 3 1/2 x 65			6 3 1/2 x 65			6 3 1/2 x 65			10 x 3 1/2 x 70 B					
Face Angle		3 1/2 x 3 1/2 x 48			3 1/2 x 3 1/2 x 48			3 1/2 x 3 1/2 x 48			3 1/2 x 3 1/2 x 48			8 x 8 x 50					
Lugs to Shell		2 2 x 48			2 2 x 48			2 2 x 48			2 2 x 48			2 2 x 48					
Brackets		12'-0"			12'-0"			12'-0"			12'-0"			9'-0"					
Spacing of Transverse Frames		BOTTOM TRANSVERSES. 5 1/2 x 48			5 1/2 x 48			5 1/2 x 48			5 1/2 x 48			12 x 16 20 x 36 39 x 41 73, 77 & 81.					
Longitudinal Beams of		6 3 32			6 3 32			6 3 32			6 3 32			In Ships. As approved.					
" L & A		7 1/2 3 1/2 44			7 1/2 3 1/2 44			7 1/2 3 1/2 44			7 1/2 3 1/2 44			11 x 38 3 1/2 x 40 11 x 38 3 1/2 x 40					
Upper		8 3 1/2 40			8 3 1/2 40			8 3 1/2 40			8 3 1/2 40			13 1/2 x 40 6 x 3 1/2 x 40 13 1/2 x 40 6 x 3 1/2 x 40					
Second		9 3 1/2 44			9 3 1/2 44			9 3 1/2 44			9 3 1/2 44			19 1/2 x 40 5 FLANGE 19 1/2 x 40 5 FLANGE 19 1/2 x 40 5 FLANGE 19 1/2 x 40					
Third														27 x 44 6 x 3 1/2 x 72 27 x 44 6 x 3 1/2 x 72					

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.

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.

5c.4.19.—T.

W1037-0198 3/3

3rd

44-1-0

K.H.

5191

50-3-50