

Rpt. 1

STEEL STEAMER

REQUIRE BY
TABLE 53.
CWTs.

SHIP

Received at

Date of completion of report

State of Report has been sent on the

No

State of Report is sent on the Machinery of the Vessel TO BE SENT LATER

1st SEPTEMBER 1945

Port of GREENOCK

No. 23110

Survey held at

PORT GLASGOW & GREENOCK

Date First Survey

25th FEBRUARY 1944

Last Survey

21st AUGUST 1945

On the

(State of Machinery fitted Aft and

Twin Screw Transport Ferry

N^o 3023

(Machinery Aft)

J 1860

State Type

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

SPECIAL TYPE

State Type of Erections

FLUSH DECK

TONNAGE

Tonnage De

ar

...

Do. of space or spaces

age Dk.

Dk.

NOT

AVAILIBLE

d by Enginebuilders.

No., DESCRIPTION, SIZE

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CLASS

A - FOR

State if with freeboard

No

GOVERNMENT SERVICE

as condition of Class

Length from fore part of stem to after part of stern

L 330.0

Breadth (greatest moulded)

B 54.0

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

D 27.0

1st Longitudinal Number (L x D)

=

2nd Numeral L x (B + D)

=

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

=

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

=

Do. Long Bridge to top of keel

=

Draught Moulded

=

Built at

PORT GLASGOW

Launched

13-6-45

Yard No. 1011

Builders

LITHGOWS LTD. PORT GLASGOW

Owners

THE ADMIRALTY

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port of Registry

If surveyed while building, afloat, or in dry dock

BUILDING & AFLOAT

FRAMES, DOUBLE BOTTOM AND BEAMS.

REPT 1*		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
LONGITUDINAL FRAMING.		LBS				LBS			
Spacing amidships FR 51-59		24	✓						
" from length amidships to Collision bulkhead.....		24	✓						
" in peaks		24	✓						
AMIDSHIPS. BHE II TO COLL. BHE		6	3	11.12	✓				
Amidships, Angle, E or F		6	3	11.37	✓				
SI TO AFT PEAK BULKHEAD		LOWER DECK		✓					
" Extends up to.....									
d Frame Amidships, Angle		—							
" Extends up to ...		—							
Framing Girder.....		—							
in Uppermost Continuous 'tween Decks, Angle, E or F		5	3	7.8	FOR OF				
AFT OF FR. 51		5	3	9.93	FRAME II				
Second 'tween Decks, Angle E or F		5	2½	8.49	✓				
Third		—							
from ½ len. for'd. to 15% len. from Stem		6	3	11.37	✓				
in Peaks, Angle E or F		6	3	11.12	✓				
er and Spacing of Rivets through Frame and Shell Plating amidships		¾	5¼	4½	✓				
Frame Joggled.....		YES		✓					
scantlings and arrangements in the ing Area in accordance with the Rules or as approved ?		AS APPROVED		✓					
scantlings and arrangements in way of Bottom Forward in accordance with Rules and/or as approved ?.....		AS APPROVED		✓					
BOTTOM. AFT OF BOILER ROOM.									
Depth and thickness at mid-line in Holds.....		AS							
Height of Brackets at side above base line at toe of frame.....		PER							
Line Keelson, on Floors, Angles, E or F		APPROVED							
" Through Plate or Inter-costal Plate		PLANS		✓					
" Foundation Plate on Floors									
" Flat Plate Keel Angles									
sons, No. each side.....									
" thickness of Inter-costal Plate.....									
" Angles									
BOTTOM.									
Floors, thickness and spacing		—							
Are Frame and Reversed Frame joggled ?		—							
Floors, breadth and thickness at middle line		—							
" breadth and thickness at margin plate.....		—							
Bracket Floors, Frame		✓							
" " Reversed Frame.....		✓							
" " Vertical Struts		✓							
Centre Girder, depth and thickness amidships		✓							
" " top Angles		✓							
" " bottom Angles.....		✓							
Side Girders, No. each side and thickness.....		✓							
Margin Plate depth (excl. of flange) and thickness		✓							
" " Vertical Angle to Tank side Bracket abaft ¼ len. from stem		✓							
" " Vertical Angle to Tank side Bracket from forward ¼ len. from stem to Panting Area		✓							
" " Gussets, spacing and scantling abaft ¼ len. from stem.....		✓							
" " Gussets, spacing and scantling from forward ¼ len. from stem to Panting Area		✓							
Tank Side Brackets, height above base line at toe of Frame and thickness		✓							
INNER BOTTOM PLATING.									
Breadth and thickness of Middle Line Strake...		✓							
Thickness of remainder in Holds		✓							
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 ?.....		✓							
BEAMS.									
Uppermost Continuous Deck, amidships in Walls, Angle, E or F		4	3	6.85	FOR OF FR 7				
" in way of Bridge, Angle, E or F		7	3	13.6	BA. ✓				
" AFT OF FR. 51		5	2½	8.49	✓				
Spacing		24							
MAIN									
Second Deck, amidships, Angle, E or F		5	3	8.6	FOR OF FR. 11				
" Spacing		5	2½	8.49	AFT OF FR. 51				
" Spacing		24							
LOWER									
Third Deck, amidships, Angle, E or F		6	3	11.37	FOR OF FR. 7				
" Spacing		5	2½	8.49	AFT OF FR. 51				
" Spacing		24							
Fourth Deck, amidships, Angle, E or F		—							
" Spacing.....		—							
Poop Deck, Angle, E or F		—							
" Spacing.....		—							
Bridge Deck, Angle, E or F		—							
" Spacing.....		—							
Forecastle Deck, Angle, E or F		—							
" Spacing.....		—							

(MADE IN ENGLAND.)

011091-011078-0222/3

AND DECKS.

INCHES		INCHES SHIP		LBS		Any Deviations Approved by the Ins. Office	
CENTRE LINE BULKHEAD							
No. of Rows	BELOW LOWER DECK. 1 ROW (P&S) WIDE SPACED	PILLARS & LONG BMS (P+S)		Stringer Plate, breadth and thickness in way of Bridge		7 1/2 ✓	
"	in 'tween Decks, Size and Spacing			Thickness of Plating abreast Deck openings in way of Well		10 x 7 1/2 ✓	
"	"			Thickness of Plating abreast Deck openings in way of Bridge		7 1/2 ✓	
"	in Holds			Thickness of Plating within line of openings		66 x 10 ✓	
"	"			If Sheathed, material and thickness		15 To 10 ✓	
Centre Line Bulkhead, Stiffeners and Spacing		CENTRE LINE BULKHEAD WIDE SPACED PILLARS & DECK GIRDERS AND LONGITUDINAL BMS AS PER APPROVED PLANS		LOWER Stringer Plate, breadth and thickness		10 ✓	
Plating, thickness of				If Plated, state thickness		10 ✓	
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.		5 1/2 x 15-12 10 FT. ✓		Stringer Plate, breadth and thickness		10 ✓	
Stringer Plate, breadth and thickness in Wells		3 10 6-09 ✓		If Plated, state thickness		10 ✓	
" " " " in way of Bridge		4 3 12-75 ✓		Pool Deck.			
" Angle in Well		3 12-75 ✓		Stringer Plate, breadth and thickness		10 ✓	
VEHICLE RAMPOERING				Plating, Sheathing, material and thickness		10 ✓	
Thickness of Plating abreast Deck openings in way of Well		15 x 12 ✓		Bridge Deck.			
CARGO HATCH				Stringer Plate, breadth and thickness		10 ✓	
Thickness of Plating abreast Deck openings in way of Bridge		12 ✓		Plating, Sheathing, material and thickness		10 ✓	
Thickness of Plating within line of openings		12-10 ✓		Forecastle Deck.			
If Sheathed, material and thickness		10 ✓		Stringer Plate, breadth and thickness		10 ✓	
MAIN Second Deck.				Plating, Sheathing, material and thickness		10 ✓	
Stringer Plate, breadth and thickness in Wells		17 1/4 x 10 ✓					

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	} FOR RECORD PURPOSES 3 ✓ (Nº 51) TO UPPER DECK (Nº 46 & 59/61) TO 2 ND DECK ✓	Casting or Forging.	Scantlings.	Maker's Name.	Any from Plans	
Extending to Upper Deck (Sec. 3 c)		KEEL, Bar	FLAT PLATE			
„ Deck next below		STEM	—			
As per Rule		STERN FRAME } Propeller Post Budder	FABRICATED AS APPROVED D ^O			
		ADMIRALTY SUPPLY BRISBANE				

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any from Plans
KEEL, Bar		FLAT PLATE.		
STEM		—		
STERN FRAME {	Propeller Post	FABRICATED AS APPROVED	ADMIRALTY SUPPLY	
	Rudder	D ²		
Speed of Vessel		14 KNOTS		
RUDDER—Type		ORDINARY		
" A X D		—		
" FORGING		7"	ADMIRALTY SUPPLY	
" Diam. of head				
" Mainpiece at top pintle		FABRICATED		
" " heel		AS PER APPROVED		
" how constructed		PLAN		
" double single plate		136 LBS.		
" coupling, vertical or		VERTICAL.		
				2 BARKELS FOR PROPELLER BRACKETS

STIFFENERS.

		Plating Thickness.		VERTICAL.		HORIZONTAL.		RUDDER—Type	ORDINARY	ADMIRALTY SUPPLY
		LBS.		Scantlings.	Spacing.	Scantlings.	Spacing.			
FR 32.	BELOW LOWER DECK			CENTRE	TANK	WING TANKS				
MIDSHIP	BULKH'D, Upper ^{Upper} between decks	10/12		8x3x15 1/2	20"-24 1/2"	8x3x15 1/2	27"-28 1/2"	A x D.	—	
	BETWEEN LOWER MAIN DECKS							FORGING	7"	
	AT Both SIDES ONLY	8		5x3x8 1/2	28 1/2"	—	—	Diam. of head		
	Third			—				Mainpiece at top pintle	FABRICATED AS PER APPROVED PLAN	
	Holds			—				heel		
								how constructed		
COLLISION	(in Hold) FR 7	10		6x3x10 1/2	22 1/2"-22 1/2"-24 1/2"	—		double single plate	136 LBS.	
AFTER PEAK	FR 59	10/12		8x3x16 5/8	22 1/2"	6x3x11 3/4	AT TOP OF SHELL	coupling, vertical or horizontal	VERTICAL.	

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH.
LANARKSHIRE STEEL CO; THE STEEL CO OF SCOTLAND; SMITH & ME LEAN & COLVILL'S L^{rs}.

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

EQUIPMENT No.

LETTER

[illegible]

MESS^{RS} LITHGOWS' LTD YARD N^o 1011
PARTICULARS OF LONGITUDINAL FRAMING.

FRMING.			AMIDSHIP.			ENDS.			Any Departure from Approved Plans to be Noted.			RIVETING.									
			In Ship.			In Ship.						Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.					
			LBS			LBS						Diam.	Spang.			Number.	Diameter.				
			Ins.	Ins.		Ins.	Ins.					Ins.	Ins.	Inches.		Inches.					
of CL E																					
in Bridge Deck ...																					
from Uppermost Continuous No. 1			5	3	9.43	5	3	9.43				3/4	5 1/4	5 1/4	4	3/4					
" 2			"	"	"	"	"	"				"	"	"	"	"					
" 3			"	"	"	"	"	"				"	"	"	"	"					
" 4			MAIN DECK			MAIN DECK															
" 5			5	3	9.43	5	3	9.43				3/4	5 1/4	5 1/4	4	3/4					
" 6			"	"	"	"	"	"				"	"	"	"	"					
" 7			LOWER DECK			LOWER DECK															
" 8			7	3	13.6	7	3	13.6				3/4	4 1/2	4 1/2	7 x 6	3/4					
" 15			"	"	"	"	"	"				"	"	"	"	"					
" 16			LONG ^E BHD.			LONG ^E BHD.															
17 To 19			7	3	13.6	7	3	13.6				3/4	4 1/2	4 1/2	7 x 6	3/4					
" 20			INT ^E GIRDER			INT ^E GIRDER															
21 To 23			7	3	13.6	7	3	13.6				3/4	4 1/2	4 1/2	7 x 6	3/4					
" 24			CENTRE LINE B ^{HD}			CENTRE LINE B ^{HD}															
" 15																					
" 16																					
Amidships SIDES			24" To 30"																		
At Ends			20" To 26 1/4"																		
Tank Top Longitudinals																					
Bottom																					
Longitudinals { Amidships																					
At Ends...																					
Transverses.			12 x 10			12 x 10						Rivets in Lugs to Shell									
Depth and Thickness			4" FLANGE			4" FLANGE						Diam.	Spang.								
Face Angles			3 x 3 x 4.89			3 3 4.89			JOGGLED			3/4	3 1/2								
Lugs to Shell*			15 x 10			15 x 10															
Depth and Thickness			4" FLANGE			4" FLANGE															
Face Angles			3 3 4.89			3 3 4.89			JOGGLED			3/4	3 1/2								
Lugs to Shell*			24 x 10			30 x 10			FOR ² (AFTAS APPROVED)												
Depth and Thickness			4 2 1/2 7.81			4 2 1/2 7.81															
Face Angles			3 3 4.89			3 3 4.89			JOGGLED			3/4	3 1/2								
Lugs to Shell*			10 LBS FLG ² 4 1/2"			10 LBS FLG ² 4 1/2"															
Back Bars			8'-0"			4'-0"															
Brackets																					
Transverse Frames																					
e if jogged or liners.																					
al			Bridge Deck						spacing.			Plate LBS		Face Angles LBS		Any Departure from Approved Plans to be Noted.					
L			6	3	11.37	6	3	11.37				24"-28 1/2"	24" x 10	DOUBLE ANGLE 5 x 3 x 7/16 AT CENTRE.							
L			5	3	8.17	5	3	8.17				28 1/2"	12 x 10	4" FL AT SIDES.							
L			6	3	11.37	6	3	11.37				20"-28 1/2"	12" x 10	4" FL							
L													12" x 10	5" FL AT CENTRE							
L													15" x 10	4" FL AT SIDES							

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.

AND DECKS.

Centre line bulwark

No. of Rows BELOW LOWER DECK 1 ROW (P&S) WIDE SPACED

Stringer Plate, breadth and thickness in way of Bridge

EQUIPMENT No. LETTER

Number of Certificate	Length and size supplied	Weight of Stock	Test, per Certificate	Weight required by Table 53		Description of
				Cwts.	Lbs.	
1st Bow						ADMIRALTY SUPPLY
2nd						
3rd						
Stream						

CHAIN CABLES.

Number of Certificate	Length and size supplied	Weight of Stock	Test, per Certificate	Weight required by Table 53		Description of	Makers of Cables	Where and when tested, and Superintendent	Material
				Cwts.	Lbs.				

ADMIRALTY SUPPLY

the Rio Rpt No 5920 for Eft

Steering Gear, Type (Power or hand) STEAM & HYDRAULIC BY J. HASTIE & CO. Alternative Means of Steering HAND

Steering Chains (Size and Test) TELE MOTOR CONTROL STEAM CAPSTAN Windless BY CLARKE CHAPMAN Boats

Rolling in Holds, thickness and material NONE Cargo Battens, thickness, material and spacing NONE

Cargo Hatchways. (Upper Deck) PLATES & ANGLES Thickness of Hatches 2 1/2

Size of Hatchways No. 1 (Fwd.) 48'0" x 12'0" No. 2 22'0" x 14'0" No. 3 — No. 4 — No. 5 — No. 6 —

Number of Shifting Beams Nº 1 - 11 Nº 2 - 4

Builder's Signature FOR LITHGOWS LIMITED R. J. J. J.

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 YES

(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 (where required to be inserted in the Notation).

This vessel has been built in conformity with the Society's Rules and Regulations for the class contemplated, and the Secretary's letters. The scantlings and arrangements are in accordance with or equivalent to, those shown on the approved plans. The materials and workmanship are of good quality. The tanks and other compartments and watertight bulkheads were tested in accordance with approved testing plan.

Oil fuel (F.P. above 150°F) carried in deep tanks below lower deck, frames 17-20, 20-24; 24-28; 28-32, 32-36 S; 32-34 P, settling tanks 46-48 h.s. below main deck; diesel oil tank 34-36 S. below lower deck.

Section 20 of the Rules has been complied with where applicable.

Amount of Entry Fee..... £ : : Fees applied for, 31st Aug 1945

SPECIAL FEE £442-0-0

Special Survey Fee..... £ : : Received by me, 19

Travelling Expenses, if any £ : : 19

State whether the Vessel has been built under Special Survey YES

Certificate to be sent to GREENOCK Date of issue —

Committee's Minute —

Character assigned Transmit to London.

ON COMPLETION
In my opinion the Vessel should be Classed +A- FOR GOVERNMENT SERVICE.
FITTED FOR OIL FUEL - F.P. ABOVE 150°F.
Signature Alfredas
Surveyor to Lloyd's Register of Shipping.

TUES. 4 DEC 1945

Deferred

STEEL.

Manufacturer's name or trade mark of the steel used in the hull LANARKSHIRE STEEL CO; THE STEEL CO OF SCOTLAND; SMITH & ME LAIN & CALVILLAS L.P.

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

an Admiralty Transport Ferry and plans for the
able in the London Office

ing plans and forging reports are forwarded herewith together
list of items to complete survey

Vessel proceeded to Dalnair 31-7-45 & will be completed by
Messrs J Brown & Co. Ltd.

Date of writing

No. in S

Reg. Book

o

Built at

Engines m

Boilers m

Registered

Nom. Horse

Trade for wh

NGINES,

Dia. of Cylin

Crank shaft,

Intermediate

Tube Shafts,

Bronze Liners

propeller boss.

ne

or Nos 7

Li

PARTICULARS OF ELECTRIC WELDING (if employed) ALTERNATE SHELL & DECK BUTTS, BILGE KNUCKLE AT
FORE & AFTER ENDS, DECK STRINGER ANGLE BUTTS, HATCH STAYS, BULKHEAD CORNER BARS,
LONGITUDINAL BULKHEAD STIFFENER BRACKETS, TRANSVERSE BRACKETS TO LOWER DECK, ALSO
MINOR DETAILS

SPECIAL NOTATIONS :—Either as part of the vessel's class or for record in the Register Book. (IF REQUIRED) LONGITUDINAL FRAMING,
FITTED FOR OIL FUEL — FR ABOVE 150°F. FLAT CRUISER STERN.
ALTERNATE SHELL & DECK STRAKE BUTTS E.W.

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

1st Bower

2nd „

3rd „

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle — ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No.

Signal Letters

Extreme Breadth over Belting

Over-all Length

No. and Material of Decks

2 DKS (STL) 3RD DK (STL) CLEAR OF E & B SPACES.

Parts of Bottom of Vessel coated with cement or approved composition

BALLAST TANKS, W.T. COMP^{TS}, PETROL TANK COMP^{TS} &

SHAFT COMP^{TS} COATED WITH BITUMASTIC.

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST: (Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
(Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank, <u>DEEP TANK 11-17</u>	<u>24</u>	<u>307 S.</u>
Double bottom, under Engines and Boilers, <u>MAIN RESERVE FEED.</u>			After peak tank, <u>FR. 59 — AFT</u>		<u>144 S.</u>
Double bottom, if under Engines only, <u>MAIN FEED.</u>	<u>20</u>	<u>39 F.W.</u>	Deep tank, aft, <u>17-28</u>	<u>88</u>	<u>1494 S.</u>
Double bottom, if under Boilers only,	<u>6</u>	<u>12 F.W.</u>	<u>FRESH WATER TANK FOR OF 36</u>	<u>30</u>	<u>209 F.</u>
Double bottom, forward,			Other tanks, if fitted,		<u>214 S.</u>
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys
held while building

(1944) FEB. 25. MAY 16. 17. JUNE 6. SEPT. 26. 28. OCT. 11. 27. NOV. 1. 3. 6. 10. 16. 20. 22. 23. 25. 27. 29. 30. DEC. 4. 6. 8. 11. 12. 13. 14. 15. 18. 20. 21. 25. 27. 28.
(1945) JAN. 4. 5. 8. 9. 15. 16. 17. 18. 22. 26. 31. FEB. 1. 6. 7. 8. 9. 12. 13. 14. 16. 20. 21. 26. 28. MAR. 1. 5. 6. 7. 8. 9. 12. 13. 14. 15. 16. 20. 21. 22. 23. 26. 28.
APRIL 5. 6. 10. 11. 13. 16. 17. 18. 19. 20. 23. 24. 25. 26. 27. 30. MAY 1. 2. 3. 4. 10. 11. 14. 15. 17. 18. 21. 24. 26. 28. JUNE 1. 2. 4. 5. 6. 8. 10. 11. 12.
13. 15. 20. 21. 22. 26. 27. 28. JULY 1. 6. 17. 18. 19. 20. 30. 31. AUG. 21.

Total No. of Visits

131

The fo

For JOH

Register

Foundation