

Rpt. 1

## STEEL STEAMER OR MOTORSHIP.

Received at London Office

State if Report has been sent on the Freeboard of the Vessel No  
State if Report is sent on the Machinery of the Vessel YES.

Date of completion of report 12<sup>th</sup> JUNE 1945. Port of GLASGOW. No. 69700.

Survey held at GLASGOW. Date First Survey 17<sup>th</sup> April 1944. Last Survey 4<sup>th</sup> JUNE 1945.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) TWIN SCREW TRANSPORT FERRY "3041" MACHINERY AFT.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) SPECIAL TYPE. State Type of Erections FLUSH DECK.

TONNAGE under Tonnage Deck ...

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

Total

Gross Tonnage 4,157.22

Register Tonnage 2,430.20.

REGISTERED DIMENSIONS.  
FEET

CLASS + A - FOR GOVT SERVICE State if with freeboard as condition of Class No

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 330.0 B.P.

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 12'-2"

Built at GLASGOW.

Launched 31-10-44 Yard No. 1297 G

Builders MESSRS HARLAND & WOLFF LTD.

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

WHILE BUILDING, AFLOAT AND IN DRY DOCK.

## FRAMES, DOUBLE BOTTOM AND BEAMS.

RPT 1 FOR LONG FRAMING.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAME 51-59		24			
BULKHEAD II.		24			
from 1 length amidships to Collision bulkhead		24			
in peaks		24			
DE FRAMING.					
Frame Amidships, Angle, E or F		6	3	11-12	
51 TO A.P. BHD		6	3	11-37	
Extends up to					
Reversed Frame Amidships, Angle					
Extends up to					
Depth of Framing Girders					
Frames in Uppermost Continuous 'tween Decks, Angle, E or F		5	3	7-8 9-93	FORW OF FRAME II.
UPPER & AFT OF FR 51.		5	2 1/2	8-49	
Second 'tween Decks, Angle, E or F					
Third					
from 1 len. for'd. to 15% len. from Stem		6	3	11-37	
in Peaks, Angle or F					
Diameter and Spacing of Rivets through Frame and Shell Plating amidships		3/4 @ 5/8		4 1/8 to 5 1/4 3 3/4 to 4 1/2	AFT OF NO 51.
State if Frame Joggled			YES.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?			AS APPD		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?			AS APPD		
SINGLE BOTTOM. AFT OF BOILER ROOM					
Floors, Depth and thickness at mid-line in Holds					
Height of Brackets at side above base line at toe of frame					
Middle Line Keelson, on Floors, Angles, [ or F			AS PER		
Through Plate or Intercoastal Plate			APPD		
Foundation Plate on Floors			PLANS.		
Flat Plate Keel Angles					
Side Keelsons, No. each side					
thickness of Intercoastal Plate					
Angles					
DOUBLE BOTTOM.					
Solid Floors, thickness and spacing					
Are Frame and Reversed Frame joggled?					
Bracket 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 1/4 len. from stem					
Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area					
Gussets, spacing and scantling abaft 1/4 len. from stem					
Gussets, spacing and scantling from forward 1/4 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 Wells, Angle, E or F		5	2 1/2	8-49	B.A. AFT OF 51.
in way of Bridge, Angle, E or F		7	3	13-6	B.A.
Spacing		4	3	6-83	O.A. FORW OF 7.
MAIN					
Second Deck, amidships, Angle, E or F		5	3	8-60	FORW OF 11.
O. ANGLE		5	2 1/2	8-49	AFT OF 51.
Spacing		24			
LOWER					
Third Deck, amidships, Angle, E or F		6	3	11-37	FORW OF 7
Spacing		5	2 1/2	8-49	AFT OF 51.
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.)

002568-002576-0146/3



# PILLARS AND DECKS.

PILLARS, No. of Rows	BELOW LOWER DECK	INCHES IN SHIP. LBS.	Any Departure from Approved Plans to be Noted.	Stringer Plate, breadth and thickness in way of Bridge	INCHES IN SHIP.	LBS.	Any Departure from Approved Plans to be Noted.
1000	in 'tween Decks, Size and Spacing		CR LINE BHP 1 ROW (P+S) WIDE SPACED. PILLARS & LONG BHP (P+S)	Thickness of Plating abreast Deck openings in way of Wells		7 1/2	
			CENTRE LINE BHP	DO ABREAST ENG. CASING Thickness of Plating abreast Deck openings in way of Bridge	10	7 1/2	
	in Holds		WIDE SPACED PILLARS AND DECK GIRDERS AND LONG BHP.	Thickness of Plating within line of openings...		7 1/2	
			AS PER APPD PLANS.	If Sheathed, material and thickness...			
	Centre Line Bulkhead. Stiffeners and Spacing			LOWER Third Deck. Stringer Plate, breadth and thickness	64"	10	
	Plating, thickness of			If Plated, state thickness		15 10	
	STRINGERS AND DECKS. Uppermost Continuous Deck.			Fourth Deck. Stringer Plate, breadth and thickness			
	Stringer Plate, breadth and thickness in Wells	54" x	15-12 FORD 10 AFT	If Plated, state thickness			
	in way of Bridge	4	4 1/2	Poop Deck. Stringer Plate, breadth and thickness			
	Angle in Wells	3	3 6-04	Plating, Sheathing, material and thickness			
	VEHICLE RAMP Thickness of Plating abreast Deck openings	15	8 12	Bridge Deck. Stringer Plate, breadth and thickness			
	in way of Wells			Plating, Sheathing, material and thickness			
	CARGO HATCH Thickness of Plating abreast Deck openings		12	Forecastle Deck. Stringer Plate, breadth and thickness			
	in way of Bridge		12 10	Plating, Sheathing, material and thickness			
	Thickness of Plating within line of openings...		12 10				
	If Sheathed, material and thickness						
	MAIN Second Deck. Stringer Plate, breadth and thickness in Wells	16 1/2"	10				

## SHELL PLATING.

STRAKES.	SCANTLINGS.				RIVETING.				
	AS IN VESSEL.				UPPER EDGES.				
	ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.				BUTTS.				
	AMIDSHIPS.	FORWARD.	AFT.		State if Joggled?	NO.	No. of Rows of Rivets.	RIVETS.	STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.	SINGLE OR DOUBLE.	Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.
	Inches.	LBS.	Inches.	LBS.		Inches.	Inches.	Inches.	Inches.
Flat Plate Keel	72	20	40	20	DOUBLE	3/4	3 3/8	3/4	2 5/8
" Dblg. (if any)									
Bottom Plating, No. of Strakes	A B C D	15 15 15	40 40 30	15 15 15					
Bilge Plating, No. of Strakes	E	15	17 1/2	15					
Side Plating, No. of Strakes	F G H	14 14 14	14 12 10	12 12 10					
Upper Deck, Sheer- strake in Wells	51	20	12	12					
Upper Deck, Sheer- strake in Bridge									
Strake below Sheer- strake in Wells	63	14	10	10	SINGLE	"	"	"	"
Strake below Sheer- strake in Bridge									
Poop Side Plating									
Bridge Side Plating									
Forecastle Side Plating									

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	11
Extending to Upper Deck (Sec. 3 c)	AS PER APPD
MAIN & LOWER DK	
Deck next below	PLAN OF W.T. COMPARTMENTS.
3 COMPLETE BHDS; 1 TO UPPER DK & 2 TO 2ND DECK	
As per Rule	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.	HORIZONTAL.		
		Scantlings.	Spacing.	Scantlings.	Spacing.
NO 32 BELOW LOWER DK	LBS.	CR TANK	WING TANKS		
MIDSHIP BULKH'D, Upper 'tween decks	10/12	8x3x15-6 BA.	20-24 1/2	8x3x15-6 BA.	@ 28 1/2
BETWEEN LOWER & MAIN DKs					
" AT SIDES ONLY.	8 LBS.	5x3x8-10A.	28 1/2		
" Third					
" Holds					
COLLISION (in Hold)	NO 7	10	6x3x10-1 BA.	20 TO 24 1/2	
AFTER PEAK	59	12-10.	8x3x16-59 BA.	20 TO 24	10 AT TOP OF SKEG B.A.

## FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				
STEM				
STERN FRAME	Propeller Post Rudder	FABRICATED AS APPD D9	ADMIRALTY SUPPLY	
Speed of Vessel	14 KNOTS			
RUDDER—Type	(TWIN)	ORDINARY		
" A x D				
" Diam. of head		FORGING 7"	ADMIRALTY	
" Mainpiece at top pintle		FABRICATED	SUPPLY	
" heel		AS PER		
" how constructed		APPD PLANS		
" double or single plate		DOUBLE 13-6 LBS.		
" coupling, vertical or		VERTICAL		
" horizontal				

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	STEEL COMPANY OF SCOTLAND.	SMITH & McLEAN.	OPEN HEARTH.
		COLVILLES LTD.	DORMAN LONG LTD	
	Has the Steel been tested as required by the Rules?	YES.		



# TRANSPORT FERRY N<sup>o</sup> 3041.

## PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			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. Inches.	Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	LBS	Ins.	Ins.	LBS		Diam.	Speng.		Number.	Diameter.
Framing of <del>L</del> , <del>L</del> or <del>E</del> .....													
<del>Frames in Bridge between Decks</del> .....													
Frames from Uppermost Continuous Deck No. 1		5	3	9.43	5	3	9.43		3/4	4 1/2	4 1/2	4	5/8
" 2		"	"	"	"	"	"		"	"	"	"	"
" 3		"	"	"	"	"	"		"	"	"	"	"
" 4 MAIN DK													
" 5		5	3	9.43	5	3	9.43		3/4	4 1/2	4 1/2	4	5/8
" 6		"	"	"	"	"	"		"	"	"	"	"
" 7 LOWER DK													
" 8		7	3	13.6	7	3	13.6		3/4	4 1/2	4 1/2	7	3/4
" 15. #		"	"	"	"	"	"		"	"	"	"	"
" 16 LONGIT. BULK.									"	"	"	"	"
" 17. #		7	3	13.6	7	3	13.6		"	"	"	"	"
" 20. # INTER. GIRDER									"	"	"	"	"
" 21 to 23		7	3	13.6	7	3	13.6		"	"	"	"	"
" 24 CR LINE BHP													
" 15													
" 10													
Spacing of Longitudinal Frames		Amidships SIDES 24" To 30"			At Ends BOTTOM 20" To 26 1/4"								
Double Bottoms L, E or C		Tank Top Longitudinals			Bottom								
Spacing of Longitudinals		Amidships			At Ends...								
Transverses.		12"	10	12"	10								
Side (in'tween Decks)		Depth and Thickness 4" FL:			Face Angles 4" FL:								
		3	3	4.89	3	3	4.89		3/4	3 7/8			
		Lugs to Shell* 15" X 10			15" X 10								
Side (in Hold)		Depth and Thickness 4" FL:			Face Angles 4" FL:								
		3	3	4.89	3	3	4.89		3/4	3 1/2			
		Lugs to Shell* 24" X 10			30" X 10								
Bottom		Depth and Thickness 4 1/2			Face Angles 4 1/2								
		4	2 1/2	7.81	4	2 1/2	7.81		3/4	3 3/4			
		Lugs to Shell* 3			3								
		Back Bars 10 LBS FL 4 1/2			10 FL: 4"								
		8'-0"			4'-0"								
Spacing of Transverse Frames		CUT AT LANDINGS			8 PLATE WELDED TO SHELL								
Longitudinal Beams of L, E or E		Bridge Deck			Upper B.A.			24 - 28 1/2					
		6	3	11.37	6	3	11.37	28 1/2					
		5	3	8.17	5	3	8.17	20 - 28 1/2					
		6	3	11.37	6	3	11.37						
		MAIN Second ANG			12 X 10 5" FL								
		LOWER B.A.			12 X 10 5" FL								
		Third			15 X 10 4" FL								

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.







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 AN ADMIRALTY TRANSPORT FERRY AND PLANS OF THIS TYPE ARE AVAILABLE IN THE LONDON OFFICE.

PARTICULARS OF ELECTRIC WELDING (if employed) BILGE KNUCKLES AT FORE AND AFTER ENDS. MAIN DECK STRINGER PLATE CHOCKS AT FORE END, WEB PLATES TO CROSSING SEAMS LOWER DECK TO SHELL FRAMES 51 TO 61 AND MINOR DETAILS. HATCH WEBS, HATCH SIDES CANTILEVERS, BRACKET FACE PLATES.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book LONGITUDINAL FRAMING FITTED FOR OIL FUEL 6-45, F.P. ABOVE 150°F, FLAT CRUISER STERN, GYRO COMPASS, WIRELESS.

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 (Circ. 1611)

LADDERS 55-2 1/4

Over-all Length WITH BOW DOOR (Circ. 1703) 347-6 OVER STERN

No. and Material of Decks 2 DKS (STL) 3RD DK (STL) CLEAR OF E & B SPACE

Parts of Bottom of Vessel coated with cement or approved composition BALLAST TANKS; W.T. COMPTS; PETROL TANK COMPT. 8 SHAFT COMPT COATED WITH BITUMASTIC. F.W. TANK COATED WITH BITUROS ENAMEL OIL FUEL COMPTS COATED WITH MINERAL OIL & ELSEWHERE PAINTED.

Particulars of composition (if fitted) and of approval MAKERS OF BITUROS AND BITUMASTIC — WAILES DOVE.

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,			DEEP TANK	11-17.	307.5 W
Double bottom, under Engines and Boilers,			AFTER PEAK (TRIMMING TANK)		140.5 S.W.
MAIN FEED TANK IN E. ROOM.	6.0 F.W.	12.0	Deep tanks aft,	17-28	149.4 S.W.
Double bottom, if under Engines only,	20.0 F.W.	39.0	FRESH WATER TANK FORD OF 36.	30	209 F.W.
R. FEED TANK			Deep tank, forward,		
Double bottom, if under Boilers only,			Other tanks, if fitted,		
Double bottom, forward,			(If necessary furnish further information by sketch.)		
Total length (if continuous) and Capacity					

Order for Special Survey No. 6751

Date 28.12.44

Dates of Surveys held while building

1944 Apr 17, 20, 24, 26, 28 May 1, 3, 5, 10, 12, 16, 19, 22, 24, 26, 27, 31 Jun 3, 5, 9, 12, 14, 19, 21, 26, 30 Jul 3, 5, 7, 19, 21, 24, 26, 27, 29 Aug 2, 4, 7, 8, 11, 14, 17, 18, 19, 22, 25, 28, 30, 31 Sep 2, 5, 6, 9, 11, 13, 17, 18, 20, 23, 24, 26, 27, 29, 31 Nov 8, 9, 15, 21, 22, 23, 24, 27, 30 Dec 1, 5, 8, 15, 21, 26, 1945 Jan 9, 12, 17, 19, 23, 24, 26, 27, 31 Feb 2, 6, 9, 15, 20, 22, 23, 27, 28 Apr 2, 7, 11, 15, 19, 22, 23, 29 Jun 4

Total No. of Visits 104

Lloyd's Register Foundation