

STEEL STEAMER OR MOTORSHIP

5 MAY 1948

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report

Port of

Survey held at

Date First Survey

Last Survey

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

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

State Type of Erections

TONNAGE under Tonnage Deck ...

CLASS

State if with freeboard as condition of Class

Built at

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)

FEET

Launched

Yard No.

Total

Breadth (greatest moulded)

B

Builders

Gross Tonnage

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

D

Owners

Register Tonnage

1st Longitudinal Number (L x D)

=

Managers

(Where necessary to be entered in Reg. Book)

REGISTERED DIMENSIONS.

FEET

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

=

Residence

80.50

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

=

Port of Registry

20.05

Do. Long Bridge to top of keel

=

If surveyed while building, afloat, or in dry dock

8.25

Draught Moulded

=

Shew building afloat.

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	21	✓	Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead	21	✓	" " Reversed Frame		
" " in peaks	21, 17, 17 1/2	✓	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, $\frac{E}{F}$	4 2 1/2 .28	✓	" " top Angles		
" " in timbers angle	4 2 1/2 .34	✓	" " bottom Angles		
" " Extends up to	upper & raised quarter deck	✓	Side Girders, No. each side and thickness		
Reversed Frame Amidships, Angle	2 1/2 2 1/2 .26	✓	Margin Plate depth (excl. of flange) and thickness		
" " Extends	across top of floors	✓	" " Vertical Angle to Tank side		
Depth of Framing Girder	4"	✓	" " Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, $\frac{E}{F}$ or $\frac{C}{D}$	✓		" " Vertical Angle to Tank side		
" " Second 'tween Decks, Angle, $\frac{E}{F}$ or $\frac{C}{D}$	✓		" " Bracket from forward 1/4 len. from stem to Panting Area		
" " Third	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " from 1/2 len. for'd. to 15% len. from Stem	4 2 1/2 .28	✓	" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
" " in Peaks, Angle	4 2 1/2 .28	✓	Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8" @ 4 1/2"	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	No.	✓	Breadth and thickness of Middle Line Strake		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes	✓	Thickness of remainder in Holds		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes	✓	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?		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	12 x .28	✓	Uppermost Continuous Deck, amidships in	4 2 1/2 .30	✓
Height of Brackets at side above base line at toe of frame	.34	✓	Through Wells, Angle, $\frac{E}{F}$		
Middle Line Keelson, on Floors, Angles	12 x .28	✓	Half " in way of Bridge, Angle, $\frac{E}{F}$ or $\frac{C}{D}$	3 2 1/2 .26	✓
" " Through Plate or Inter-costal Plate			Spacing	21"	✓
" " Foundation Plates on Floors	20 8" x .28"	✓	Second Deck, amidships, Angle, $\frac{E}{F}$ or $\frac{C}{D}$	✓	
" " Flat Plate Keel Angles	20 12" x .50"	✓	Spacing	✓	
Side Keelsons, No. each side	6	✓	Third Deck, amidships, Angle, $\frac{E}{F}$ or $\frac{C}{D}$	✓	
" " thickness of Inter-costal Plate	✓		Spacing	✓	
" " Angles	5 3 .38	✓	Fourth Deck, amidships, Angle, $\frac{E}{F}$ or $\frac{C}{D}$	✓	
DOUBLE BOTTOM.			Spacing	✓	
Solid Floors, thickness and spacing			Poop Deck, Angle, $\frac{E}{F}$ or $\frac{C}{D}$	✓	
" " Are Frame and Reversed Frame joggled?			Spacing	✓	
Bracket Floors, breadth and thickness at middle line			Bridge Deck, Angle, $\frac{E}{F}$ or $\frac{C}{D}$	4 2 1/2 .30	✓
" " breadth and thickness at margin plate			Spacing	21" x 4 1/2 @ 4 1/2	✓
			Forecastle Deck, Angle, $\frac{E}{F}$ or $\frac{C}{D}$	4 2 1/2 .30	✓
			Spacing	21"	✓

		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				Stringer Plate, breadth and thickness in way of Bridge	
"	in 'tween Decks, Size and Spacing			Thickness of Plating abreast Deck openings in way of Wells	
"	" " " " "			Thickness of Plating abreast Deck openings in way of Bridge	
"	in Holds " " "			Thickness of Plating within line of openings	
"	" " " " "			If Sheathed, material and thickness	
Centre Line Bulkhead.					
Stiffeners and Spacing				Third Deck.	
Plating, thickness of				Stringer Plate, breadth and thickness	
STRINGERS AND DECKS.				If Plated, state thickness	
Uppermost Continuous Deck.				Fourth Deck.	
Stringer Plate, breadth and thickness in Wells		30" ✓		Stringer Plate, breadth and thickness	
"	" " " " in way of Bridge	✓		If Plated, state thickness	
"	Angle in Wells <i>welded</i>			Poop Deck.	
Thickness of Plating abreast Deck openings in way of Wells		✓		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		30" ✓		<i>Raised Quarter</i> Bridge Deck.	24" ✓
If Sheathed, material and thickness		✓		Stringer Plate, breadth and thickness	22" ✓
Second Deck.				Plating, Sheathing, material and thickness	22" ✓
Stringer Plate, breadth and thickness in Wells		✓		Forecastle Deck.	
				Stringer Plate, breadth and thickness	22" ✓
				Plating, Sheathing, material and thickness	2 1/2" <i>ocean floor</i> 22" <i>deck</i> ✓

SCANTINGS.				RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		AFT.			State if beveled? 1/6	RIVETS.		No. of Rows of RIVETS.	RIVETS.		Flash. SEALING OR TAPER
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.			SINGLE OR DOUBLE.	Diam. Inches.		Spacing cr. to cr. Inches.	Diam. Inches.	
Flat Plate Keel.....	33✓	36✓	36✓	36✓		Welder✓					Welder✓	
Bottom Plating, No. of Strakes.....	5✓	625✓	625✓	625✓		"					"	
Bilge Plating, No. of Strakes.....	32✓	28✓	24✓	24✓		"					"	
Side Plating, No. of Strakes.....	28✓	24✓	24✓	24✓		"					"	
Upper Deck, Sheer- strake in Wells.....	28✓	24✓	24✓	24✓		"					"	
Upper Deck, Sheer- strake in Bridge ...			✓									
Strake below Sheer- strake in Wells.....			✓									
Strake below Sheer- strake in Bridge ...			✓									
Poop Side Plating.....			✓									
Raised quarter deck Bridge Side Plating.....	24✓	32✓	at break.			Welder✓					Welder✓	
Forecastle Side Plating			24✓			"					"	

Total No. of W.T. BULKHEADS in Vessel—		Three ✓		Casting or Forging.		Scantlings.		Maker's Name.		Any Departure from Approved Plans to be Noted.	
Extending to Upper Deck (Sec. 3 c).		Three ✓									
Deck next below.		✓									
As per Rule		Two									
				STIFFENERS.							
Plating Thickness.		VERTICAL.				HORIZONTAL.					
		Scantlings.		Spacing.		Scantlings.		Spacing.			
N ^o 14.		26 ⁺ 1/4 x 2 1/2 x 5/16		21" timber welded							
MIDSHIP BULKH'D, Upper lower decks		(30) 1/2 x 2 1/2 x 3/8		28 1/2" tim on							
		2.36 See table 2.6.4.8									
Second		26 ⁺ 1/4 x 3 x 3/2		24 ⁺ Welder for cut							
Third		26 ⁺ 1/4 x 3 x 3/2		O.A. 17" 1/4 timber welded							
Holds		26 ⁺ 1/4 x 3 x 3/2		6 x 3 x 3/8 BA		17" 1/4		6 x 3 x 3/8 @ 24"			
		26 ⁺ 1/4 x 3 x 3/2		4 x 2 1/2 x 3/8 BA		24"		3.0. def 12"			
COLLISION		(in Hold)									
AFTER PEAK											

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	✓ Rolled bar	5 x 1 1/4	✓ Colwell	
STEM				
STERN FRAME	Propeller Post	Fab'd	5 1/2 x 2 1/4	
	Rudder	"	5 x 2 1/4	
Speed of Vessel	Under	12 knots	✓	
RUDDER—Type	Single plate		✓	
"	A x D.	28-95	✓	
"	Diam. of head	3		
"	Mainpiece at top pintle	3		
"	" heel	2 1/2		
"	how constructed	Built	✓	
"	double or single plate	Single	✓	
"	coupling, vertical or horizontal	7" dia.	✓	

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Cobrilles Lararkshire* *Open Hearth* ✓

Has the Steel been tested as required by the Rules? *Yes* ✓

EQUIPMENT No.										LETTER		ANCHORS.			
Number of Certificate.	Anchor.	WEIGHT, IN STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY	Description of Anchor.	Makers.	Where and when tested, and result.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
64302	1st Bower	3	3	14	✓	—	—	6	5	1	7	304	Hall's type Cast Steel (New)	None Staten	Crawley Heath 15/7/47 ✓
64323	2nd "	3	3	12	✓	—	—	6	5	1	7	304	— do —	— do —	Crawley Heath 15/7/47 ✓
	3rd "	—	—	—	✓	—	—	—	—	—	—	—	—	—	Crawley Heath 15/7/47 ✓
	Collective weight	7	2	26	✓	—	—	—	—	—	—	7 1/2 cwts	4 ton Steel Grd anchors	None Staten	Crawley Heath 30/7/47 ✓
54103	Stream	3	0	—	✓	1	0	2	13	2	21	—	—	—	—

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.	Stac-tory.	Break-ing.	Supplied.		Cwts.	Per Rule.					Length.	Diam.		Fathoms	Ins.	Fathoms	Ins.	Length.	Cir.
					Cwts.	qrs. lbs.															
2565	90	1 1/16	8.5	12.75	25	2	11	21 3/4	90	1 1/16	Stud link	J. Hingley & Co.	Netherburn 23/2/44 ✓ J. A. Relf	TOWLINE	75	5	14 tons ✓				
													HAWSEIRS & WARPS	75	3	14 tons ✓					
2903	425 5/6	1 1/16	2.25	4.5	6	0	8		425 5/6	1 1/16	Stud link	J. Hingley & Co.	Netherburn 30/4/45 ✓ J. A. Relf	"							
Iron Stream Chain as Steel Wire													"								

Steering Gear, Type (~~Power~~ or hand) Gemmill & Ford. Alternative Means of Steering Reheving tackle ✓

Steering Chains (Size and Test) 9/16" 5. 12. 2. 0. (Tensile) Windlass Thames Reed Diesel Boats Two @ 14'-0" ✓

Ceiling in Holds, thickness and material 2 1/2" W.P. Cargo Battens, thickness, material and spacing 1/2" fitted ✓

Cargo Hatchways. —(Upper Deck) One Thickness of Hatches 2 1/2" ✓

Size of Hatchways No. 1 (Fwd.) 33'-3" ✓ No. 2 x 13'-6" No. 3 Seven No. 4 Seven No. 5 Seven No. 6 Seven

Number of Shifting Beams }
and/or Fore and Afters }

FOR ISAAC PHIPLOTT & SONS LTD.

Builder's Signature John Phiplott Director.

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

This vessel has been built in conformity with the Society's rules & regulations & the Secretary's letters. The scantlings & arrangements are in accordance with & equivalent to those shown in the approved plans. The workmanship & materials are good & the five & after peak tanks & oil fuel bunkers have been tested according to rule & found satisfactory. The decks, casings, bulk heads & side scuttles in shell have been tested & found efficient. The assigned freeboards have been marked on the vessel's sides & cut in. The steering gear & windlass have been tested under working conditions & found satisfactory.

The amount of Entry Fee..... £ 2 : 0 : 0 } Fees applied for,
Freeborn 4 : 0 : 0 } 30 APR 1948
Special Survey Fee..... £ 20 : 0 : 0 }
Spec. 5 : 0 : 0 } Received by me,
Travelling Expenses, if any £ 15 : 4 : 0 } 19

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

Certificate to be sent to his Date of issue 27/10/48

Committee's Minute LIVERPOOL - 4 MAY 1948

Character assigned ✓ +100A1
Cargo Batten not fitted.
Boys A. & C.D. Oil Engines
+ LMC 3.48 O.G.

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed +100A1
Cargo batten not fitted.

Signature Harry S. Norton.
Surveyor to Lloyd's Register of Shipping.

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125159

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.)

Liverpool RPL No 125159 (Sister vessel Moelang)
The approved plans (copies of which are in the London office) have been retained for reference in dealing with sister vessels and under construction at the same yard.
Fitting certificates for stem frame & rudder forwarder herewith, ✓

PARTICULARS OF ELECTRIC WELDING (if employed) 7a welder except connections of frames to shell & floors, beams to deck & framing, side keelsons, bulkhead stiffeners & for bulkhead plating & transverse end shell plating in way of stem frame.

SPECIAL NOTATIONS :—Either as part of the vessel's class or for record in the Register Book + 100 A1

Cargo battens not fitted. ✓

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

1st Bower	2 wt 191.5 lb.	17 EG	200	8/5/47
2nd "	2 wt 191.7 lb.	17 EG	264	29/5/47
3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 23.9.00 ft., Bridge ✓ ft., Forecastle 14.00 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 20.25 ✓ Over-all Length 85.00 ✓
(Circ. 1611) (Circ. 1703)

No. and Material of Decks One (Steel)

Parts of Bottom of Vessel coated with cement or approved composition 23.9.00 foreboard plating & keel 2.0.48
& for peak tanks & end wall. ✓

Particulars of composition (if fitted) and of approval upper deck (cross piece) with composition ✓

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,	12.50	30
Double bottom, under Engines and Boilers,			After peak tank,	7.00	18
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 1355

Date 1/3/44

Dates of Surveys held while building

17/7/45 & 11/3/48.



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Lloyd's Register
Total No. of Visits 46
Foundation