

STEEL ~~STEAMER~~ MOTORSHIP.

Received at London Office... AUG 10 1938

State if Report has been sent on the Freeboard of the Vessel **YES.**State if Report is sent on the Machinery of the Vessel **YES.**Date of completion of report **3<sup>RD</sup> AUGUST 1938**Port of **GLASGOW**No. **60050**Survey held at **GLASGOW**Date First Survey **28<sup>TH</sup> APRIL 1937**Last Survey **27<sup>TH</sup> JULY 1938**

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

**TWIN SCREW "LOCHAYON"**

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

**COMPLETE SUPERSTRUCTURE WITH TONNAGE OPENING AFT**State Type of Erections **FEELS & BRIDGE ON SUPER-DR**

TONNAGE under Tonnage Deck...}

**6770.66**CLASS **A100A1**  
**"WITH FREEBOARD"**State if with freeboard as condition of Class **YES**Built at **GLASGOW**

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

Length from fore part of stem to after part of stern } **L 470.0**  
post on summer L.W.L. See Sec. 3 (1a)Launched **3<sup>RD</sup> MARCH 1938** Yard No. **999**

Total

Breadth (greatest moulded) ..... **B 66.0**Builders **HARLAND & WOLFF LTD**Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) ..... **D 41.0**Owners **ROYAL MAIL LINES LTD**1st Longitudinal Number (L x D) ..... **= 19270**

Managers

(Where necessary to be entered in Reg. Book.)

2nd Numeral L x (B + D) ..... **= 50290**

Residence

REGISTERED DIMENSIONS.

FEET.

Framing Depth "d," at middle of length. See Sec. 3 (1d) **IN WAY OF DRIP DECK** ..... **10.4**Proportions—Depth to Length—Uppermost continuous deck to top of keel ..... **11.46**Port of Registry **LONDON**Do. Long Bridge to top of keel ..... **9.59**

If surveyed while building, afloat, or in dry dock

Draught Moulded **28'-4 1/4"****BUILDING, AFLOAT & IN DRY DOCK.** ✓

## 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.
<b>FRAMES, Spacing amidships</b> .....	<b>33 1/2"</b>	✓	<b>Bracket Floors, Frame</b> .....	<b>B.A.S. 6 3 1/2 40</b>	✓
" from 1/2 length amidships to Collision bulkhead.....}	<b>27"</b>	✓	" " Reversed Frame .....	<b>B.A.S. AFF 5 1/2 3 41</b>	✓
" in peaks.....	<b>24"</b>	✓	" " Vertical Struts <b>CHAND. ELS. 6 3 1/2 38</b>	<b>5 1/2 x 3 x 41</b>	✓
<b>FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	<b>47 x 58</b>	✓
<b>Frame Amidships, Angle, [</b> <b>8 AS APPROVED.</b>	<b>9 x 3 1/2 x 3 1/2 x 54</b>	✓	" " top Angles <b>DOUBLE</b> .....	<b>3 1/2 3 1/2 52</b>	✓
" " Extends up to <b>SHUTTER ON BRIDGE DECK ALTERNATELY.</b>		✓	" " bottom Angles <b>DOUBLE</b> .....	<b>5 5 58</b>	✓
<b>Reversed Frame Amidships, Angle</b> .....	✓	✓	<b>Side Girders, No. each side and thickness</b> .....	<b>2 @ 42</b>	✓
" " Extends up to...	✓	✓	<b>Margin Plate depth (excl. of flange) and thickness</b> .....	<b>38 x 58</b>	✓
<b>Depth of Framing Girder</b> .....	<b>9" AND AS APPROVED.</b>	✓	" " Vertical Angle to Tank side	<b>3 1/2 3 1/2 50</b>	✓
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [</b> <b>8 AS APPROVED</b>	<b>9 x 3 1/2 x 3 1/2 x 54</b>	✓	" " Vertical Angle to Tank side	<b>7 1/2 7 55</b>	✓
" <b>Second 'tween Decks, Angle, [</b> <b>8 AS APPROVED</b>	<b>9 x 3 1/2 x 3 1/2 x 54</b>	✓	" " Gussets, spacing and scantling	<b>TANK TOP PLATING CONTINUOUS.</b>	✓
" <b>Third</b> " " " "			" " Gussets, spacing and scantling	<b>LEVEL TANK.</b>	✓
<b>from 1 len. for'd. to 15% len. from Stem</b> .....	<b>9 x 3 1/2 x 3 1/2 x 54</b>	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	<b>3-9" x 4 1/4 x 1/2</b>	✓
<b>in Peaks, Angle, [</b> <b>7/8 @ 5 1/4"</b>	<b>9 x 3 1/2 x 3 1/2 x 54</b>	✓	<b>INNER BOTTOM PLATING.</b>		
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b> .....	<b>7/8 @ 5 1/4"</b>	✓	<b>Breadth and thickness of Middle Line Strake</b> ...	<b>57 x 58</b>	✓
<b>State if Frame Joggled</b> .....	<b>YES.</b>	✓	<b>Thickness of remainder in Holds</b> .....	<b>50</b>	✓
<b>the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?</b> .....	<b>YES.</b>	✓	<b>Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. space and framing in Bunkers and Boiler Room?</b> .....	<b>YES.</b>	✓
<b>the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?</b> .....	<b>YES.</b>	✓	<b>BEAMS.</b>		
<b>DOUBLE BOTTOM.</b>			<b>Uppermost Continuous Deck, amidships in Wells, Angle, [</b> <b>8 AS APPROVED</b>	<b>8 x 3 1/2 x 3 1/2 x 52</b>	✓
<b>Frames, Depth and thickness at mid-line in Holds</b> .....			" " in way of Bridge, Angle, [	<b>8 x 3 1/2 x 3 1/2 x 52</b>	✓
<b>Height of Brackets at side above base line at toe of frame</b> .....			<b>Spacing</b> .....	<b>EVERY FRAME.</b>	✓
<b>Middle Line Keelson, on Floors, Angles, [ or [</b> .....			<b>Second Deck, amidships, Angle, [</b> <b>8 AS APPROVED.</b>	<b>9 x 3 1/2 x 3 1/2 x 54</b>	✓
" " Through Plate (or) Intercoastal Plate...			<b>Spacing</b> .....	<b>EVERY FRAME.</b>	✓
" " Foundation Plate on Floors .....			<b>Third Deck, amidships, Angle, [</b> <b>8 AS APPROVED</b>	<b>10 x 3 1/2 x 3 1/2 x 56</b>	✓
" " Flat Plate Keel Angles			<b>Spacing</b> .....	<b>EVERY FRAME.</b>	✓
<b>Side Keelsons, No. each side</b> .....			<b>Fourth Deck, amidships, Angle, [</b> <b>8 AS APPROVED</b>	<b>10 x 3 1/2 x 3 1/2 x 56</b>	✓
" " thickness of Intercoastal Plate...			<b>Spacing</b> .....	<b>EVERY FRAME.</b>	✓
" " Angles .....			<b>Poop Deck, Angle, [ or [</b> .....		
<b>DOUBLE BOTTOM.</b>			<b>Spacing</b> .....		
<b>Solid Floors, thickness and spacing</b> .....	<b>4 1/2" EVERY 3<sup>RD</sup> FRAME.</b>	✓	<b>Bridge Deck, Angle, [</b> <b>8 AS APPROVED.</b>	<b>8 x 3 1/2 x 3 1/2 x 52</b>	✓
" " Are Frame and Reversed Frame joggled? .....	<b>YES.</b>	✓	<b>Spacing</b> .....	<b>EVERY FRAME.</b>	✓
<b>Bracket Floors, breadth and thickness at middle line</b> .....	<b>35 1/4 x 46</b>	✓	<b>Forecastle Deck, Angle, [</b> <b>8 AS APPROVED.</b>	<b>8 x 3 1/2 x 3 1/2 x 52</b>	✓
" " breadth and thickness at margin plate .....	<b>4 1/2" AS PER MIDSHIP SECTION</b>	✓	<b>Spacing</b> .....	<b>EVERY FRAME.</b>	✓



# 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.
<b>PILLARS, No. of Rows.</b> <i>TWO SPACED 4-6 FRAME SPACES APART.</i>		✓	Stringer Plate, breadth and thickness in way of Bridge	5'1" x 46-40	✓
" in 'tween Decks, Size and Spacing.....		✓	Thickness of Plating abreast Deck openings in way of Wells	42-38 Fw <sup>2</sup> 42-35 Aft	✓
" " " " " "		✓	Thickness of Plating abreast Deck openings in way of Bridge	45-8-36	✓
" in Holds " "		✓	Thickness of Plating within line of openings...	36-32	✓
" " " " " "		✓	If Sheathed, material and thickness	✓	✓
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....		✓	Stringer Plate, breadth and thickness	5'1" x 40-36	✓
Plating, thickness of		✓	If Plated, state thickness	36-32	✓
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness	5'1" x 36	✓
Stringer Plate, breadth and thickness in Wells	68 x 74 INCREASED AT BREAKS.	✓	If Plated, state thickness	30-36	✓
" " " " in way of Bridge	68 x 49-46	✓	<b>Poop Deck.</b>		
" Angle in Wells	6 x 6 x 74 INCREASED AT BREAKS.	✓	Stringer Plate, breadth and thickness	✓	✓
Thickness of Plating abreast Deck openings in way of Wells	84-50 Aft. 54-44 Fw <sup>2</sup>	✓	Plating, Sheathing, material and thickness	✓	✓
Thickness of Plating abreast Deck openings in way of Bridge	49-8-42	✓	<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	44-36	✓	Stringer Plate, breadth and thickness	82 x 48	✓
If Sheathed, material and thickness	✓	✓	Plating, Sheathing, material and thickness	48-44	✓
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...	5'1" x 46-40	✓	Stringer Plate, breadth and thickness	36 x 38	✓
			Plating, Sheathing, material and thickness	36	✓

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	UPPER EDGES. State if jogged?		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 .....	55 1/2	.88 ✓	.78 ✓	.78 ✓		DOUBLE	1" 3.72 ✓	4 ROWS	1" 4" ✓	LAPPED		
„ DBLG. (if any)												
BOTTOM PLATING, No. of Strakes ..... 3 .....		.69 ✓	.53 ✓	.56 ✓	INCREASED FW <sup>2</sup> AS APPROVED. ✓	DOUBLE	7/8 3.35 ✓	4 ROWS	7/8 3 1/2" ✓	LAPPED		
BILGE PLATING, No. of Strakes ..... 2 .....		.69 ✓	.53 ✓	.64 ✓		DOUBLE	7/8 3.35 ✓	4 ROWS	7/8 3 1/2" ✓	LAPPED		
SIDE PLATING, No. of Strakes ..... 4 .....		.67 ✓	.50 ✓	.50 ✓	INCREASED FW <sup>2</sup> AS APPROVED.	DOUBLE	7/8 3.35 ✓	3 ROWS	7/8 3 1/8" ✓	LAPPED		
UPPER DECK, Sheer-strake in Wells ..... BREAK	79	.79 ✓	.50 ✓	.50 ✓	78" x .79 APPROVED ✓			4 ROWS	1" 4" ✓	LAPPED		
	1.18 ✓							5" ROWS	1 1/8" 5 1/16" ✓	LAPPED.		
UPPER DECK, Sheer-strake in Bridge ...		.67 ✓	✓	✓		DOUBLE	7/8 3.35 ✓	4 ROWS	7/8 3 1/2" ✓	LAPPED		
STRAKE BELOW Sheer-strake in Wells ..... BREAK	78	.73 ✓	.50 ✓	.50 ✓		DOUBLE	1" 3.72 ✓	4 ROWS	7/8 3 1/2" ✓	LAPPED		
		.80 ✓	✓				7/8 3.35 ✓	4 ROWS	1" 4" ✓	LAPPED		
STRAKE BELOW Sheer-strake in Bridge ...		.67 ✓	✓	✓		DOUBLE	7/8 3.35 ✓	4 ROWS	7/8 3 1/2" ✓	LAPPED		
POOF SIDE PLATING .....				✓		* 3 IN UPPER EDGES OF 3 LOWER STRAKES OF SIDE SHELL IN FORE & AFTER BODIES.						
BRIDGE SIDE PLATING ...		.61 ✓			.60 APPROVED. ✓	DOUBLE	7/8 3.35 ✓	4 ROWS	7/8 3 1/2" ✓	LAPPED.		
FOREC'TLE SIDE PLATING		.42 ✓				SINGLE	3/4 3 ✓	1 ROW	3/4 2 5/8" ✓	LAPPED.		

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel	SEVEN
Extending to Upper Deck (Sec. 3 c)	ONE
" Deck next below	FIVE & 1 TO 3 <sup>RD</sup> DECK
As per Rule	SEVEN.

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
<b>KEEL, Bar</b>	FLAT PLATE	KEEL	✓	
<b>STEM</b>	ROLLED	10 5/8 x 2 3/4	COLVILLES	✓
<b>STERN FRAME</b>	Propeller	BRASS CASTING	AS PER APPROVED PLAN.	✓
	Rudder Post	"	"	✓
<b>Speed of Vessel</b>	16	KNOTS	✓	
<b>RUDDER—Type</b>	ORDINARY	✓		
" A x D	12	85	✓	
" Diam. of head	FORGING	16 1/2	SKODA WORKS LTD PILSEN	✓
" Mainpiece at top pintle	CAST STEEL AS PER APPROVED PLAN.	✓		
" " heel	✓			
" how constructed	AS APPROVED	✓		
" double or single plate coupling, vertical or horizontal	DOUBLE .60	✓		

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD</b>	N <sup>2</sup> 26 Fw <sup>2</sup>				
" Upper 'tween decks		6 x 3 x 40	31 1/2-19 1/2	✓	
" Second		27 6 x 3 x 38	30-28 1/2	✓	
" Third		32 7 x 3 x 40	31 1/2	✓	
" Holds		42 7 x 3 x 37	30-28 1/2	✓	
<b>COLLISION</b>	(in Hold)	56-36 7 x 3 x 34	24	3 SEMI BOX BEAMS	✓
<b>AFTER PEAK</b>	ABOVE TUNNEL	34-30 8 x 3 x 36	24	✓	✓

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

COLVILLES LTD & THE STEEL COY OF SCOTLAND LTD

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



EQUIPMENT No. 52438 ✓												LETTER ft ✓	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.			
37888	1st Bower ...	90	2	21	-	-	-	63	12	2	0	90 Cwts APPROVED	BYERS STOCKLESS	-	SUNBELAND, 28/12/37, J.H. BUTLER
37863	2nd „ ...	90	2	7	-	-	-	63	12	2	0	90 " „ „	" „ „	-	" 18/12/37, „ „
37833	3rd „ ...	78	0	0	-	-	-	57	12	2	0	77 1/2 " „	" „	-	" 10/12/37, „ „
	Collective weight.	259	1	0	-	-	-					257-2-0			
51344	Stream .....	26	2	12	6	2	22	26	1	3	14	26-2-0	ORDINARY "TROTMAN'S"	-	CHARLEY HEATH, 16/2/38, S.C. PAUL

CHAIN CABLES										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.	Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size		Description.		Where and when tested, and Superintendent.		Material.		Length and Size		Breaking Test of Steel Wire.		Length and Size	
	Length. Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length. Diam.	Statu- tory.	Break- ing.	Per Rule.	Length. Diam.	Statu- tory.	Break- ing.	Per Rule.	Length. Cir.	Ins.	Tons.	Length. Cir.	Ins.	Per Table 53.
88897	300 2 1/4	120	170	799-2-0		300 2 1/4	TAYCO	S. TAYLOR & SONS	NETHERTON, 23/12/38	J. R. E. L. F.	TOWLINE	130 6	99.1	130 5 1/2					
88897	2 SPARE END SHACKLES 4 JOINING SHACKLES	2-2-10	1-2-22									HAWSERS & WARPS	60 100	3	18.6	40 100	2 3/4		
Stream Chain or Steel Wire	120 5 1/4	77.5				120 5		HALLS BARTON ROPERY	C. L. T. O.										

Steering Gear, Type (Power or hand) *ELECTRIC HYDRAULIC BY HASTIES* Alternative Means of Steering *HAND.*

Steering Chains (Size and Test) *NONE.* Windlass *ELECTRIC BY CLARK CHAPMAN* Boats *4 @ 26'-0" x 8'-0" x 3'-3"*

Ceiling in Holds, thickness and material *2 1/2" W.W. IN WAY OF N<sup>o</sup> 1 & 5 HATCHES ONLY.* Cargo Battens, thickness, material and spacing *6" x 2" SPRUCE, 15" CR TO CR CLEAR OF INSULATED SPACES.*

Cargo Hatchways.-(Upper Deck) *STEEL PLATES & ANGLES.* Thickness of Hatches *3" SPRUCE AT N<sup>o</sup> 1, 4 & 5 HATCHES, 4" SPRUCE AT N<sup>o</sup> 2 HATCH, 3 1/2" SPRUCE AT N<sup>o</sup> 3 HATCH*

Size of Hatchways No. 1 (Fwd.) *24'-9" x 17'-0"* No. 2 *25'-1 1/2" x 17'-0"* No. 3 *22'-4" x 17'-0"* No. 4 *41'-10 1/2" x 22'-0"* No. 5 *25'-1 1/2" x 17'-0"* No. 6 *✓*

Number of Shifting Beams *4 @ N<sup>o</sup> 1 & 5 HATCHES, 2 @ N<sup>o</sup> 2 HATCH, 3 @ N<sup>o</sup> 4 HATCH ON UPPER DECK, 2 @ N<sup>o</sup> 3 HATCH ON BRIDGE DECK.*

Builder's Signature *For HARLAND AND WOLFF, LIMITED. Louis V. Shulz, Manager.*

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 *MOTORSHIP*

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *YES.* 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). *FORWARD CR TUNNEL TANK & TUNNEL SIDE TANKS (PORT & STARBOARD) BEAN OR SIMILAR OIL*

THIS VESSEL HAS BEEN BUILT IN ACCORDANCE WITH THE APPROVED PLANS, THE SECRETARY'S LETTERS OF VARIOUS DATES AND IN GENERAL CONFORMITY WITH THE SOCIETY'S RULES FOR THE CLASS CONTEMPLATED.

THE WORKMANSHIP & MATERIALS ARE GOOD.

ALL DOUBLE BOTTOM TANKS, FORE & AFTER PEAK TANKS, TUNNEL TANKS, DEEP DIL FUEL BUNKERS HAVE BEEN TESTED AS REQUIRED BY THE RULES OF THE SOCIETY.

WEATHER DECKS, W.T. BULKHEADS & TUNNEL DECK HAVE BEEN TESTED & FOUND SATISFACTORY.

WINDLASS & STEERING GEAR TRIED UNDER WORKING CONDITIONS & FOUND SATISFACTORY.

W.T. DOORS & HAND PUMPS TRIED & FOUND SATISFACTORY.

THE FREEBOARD VERIFIED & MARKS CUT IN ON VESSEL SIDES.

The amount of Entry Fee ..... £ 11 : 0 : 0 Fees applied for, 19

Special Survey Fee.... £ 430 : 2 : 6 Received by me, 16/8 1938

FREEBOARD Travelling Expenses, if any £ 20 : 0 : 0

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

Certificate to be sent to *GLASGOW* Date of issue *22/8/38*

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

Signature *N. J. P. R. L.* "WITH FREEBOARD" CARRYING BEAN OR SIMILAR OIL IN FWD CENTRE & WING TUNNEL TANKS

Surveyor to Lloyd's Register of Shipping.

Committee's Minute *GLASGOW 9 - AUG 1938*

Character assigned *+100 A1*

*With Freeboard*

*7.38.*

*+LMC. 7.38.*

*D.B. 100 lb.*

*Carrying Bean or Similar Oil in Forward Centre & Wing Tunnel Tanks. Lloyd's A.C.P.*

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Lloyd's Register

WS006010402120



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.)

- 1 MIDSHIP SECTION
- 2 PROFILE
- 3 DECK PLAN
- 4 PILLARS & GIRDERS (2)
- 5 STERN FRAME & BOSS ARMS
- 6 RUDDER PLAN.
- 7 DOUBLE BOTTOM FORWARD.
- 8 FORE END FRAMING.
- 9 AFTER END FRAMING.
- 10 FORE BODY W.T. BHDS.
- 11 W.T. BHDS N° 5-6 & 30 AFT.
- 12 MOTOR CASINGS.
- 13 CASINGS FORMING GIRDERS IN LIEU OF DIAPHRAGM PLATES OVER OIL FUEL BUNKERS.
- 14 N° 1, 4 & 5 HATCHES.
- 15 N° 2 & 3 HATCHES.
- 16 OIL FUEL BUNKERS.
- 17 ENGINEERS HOUSE ON BOAT DECK
- 18 GIRDER ARRANGEMENT SHOWING STIFFENING IN WAY OF BRIDGE FT BH°.
- 19 MAST PLAN
- 20 TUNNEL DECK IN WAY OF CABLE TANK
- 21 OIL TANKS & SHAFT TUNNEL
- 22 OIL TIGHT HATCH ON TUNNEL DECK
- 23 BALLAST TANK SECTIONS IN WAY OF MOTOR ROOM.
- 24 TILLER PLAN
- 25 FREEBOARD PLAN.
- 26 PUMPING PLAN.

FORGING & CASTING RPT N° 2969 FOR RUDDER.  
2 CASTING RPTS N° 2818 FOR STERN FRAME & PROP BRKTS.  
FORGING RPT N° 7544 FOR TILLER.

PARTICULARS OF ELECTRIC WELDING (if employed) TANK TOP TO SHELL IN N° 1 HOLD; CENTRE & SIDE TUNNEL CARGO OIL TANK STIFFENERS WELDED TO BULKHEADS; TANK TOP WELDED TO SHELL & FRAMES IN WAY OF N° 4 HOLD; TUNNEL DECK WELDED TO SHELL & FRAMES IN WAY OF CARGO OIL TANKS IN N° 4 HOLD; SEAMS, HEAD & HEELS OF PILLARS WELDED; HAWSE PIPES; A NUMBER OF MINOR DETAILS WELDED. ✓

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book WITH FREEBOARD, CRUISER STERN, WIRELESS.  
1 DECK (STEEL) & SHELTER DK, 3<sup>RD</sup> DECK IN N° 1, 2, 3 & 5 HOLDS, 4<sup>TH</sup> DECK IN N° 2 & 3 HOLDS, REFRIGERATING MACHINERY, ECHO SOUNDING DEVICE, DIRECTION FINDER, OIL ENGINE, LLOYDS A & C P.  
"CARRYING BEAN OR SIMILAR OIL IN FW: CENTRE & WING TUNNEL TANKS" ✓

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

1st Bower	2nd	3rd
60-1-0 INCLUDING PIN, J.F. ROBERTSON, N° 2948, 29/10/37.	59-3-7 " " " " N° 2950, 29/10/37.	51-2-0 " " " " N° 3002 5/11/37.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge 170.29 ft., Forecastle 48.25 ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ✓

Official No. 166504 Signal Letters G. M. G. P. Extreme Breadth over Belting ✓ Over-all Length 498.0 ✓  
No. and Material of Decks 1 DECK (STEEL) & SHELTER DK, 3<sup>RD</sup> DECK IN N° 1, 2, 3 & 5 HOLDS, 4<sup>TH</sup> DECK IN N° 2 & 3 HOLDS. ✓  
Parts of Bottom of Vessel coated with cement or approved composition OUTER STRAKES IN WAY OF N° 5, 6 & 8 D.B. TANKS. ✓

Particulars of composition (if fitted) and of approval "BITUMS" FITTED IN WAY OF INNER STRAKES OF N° 5, 6 & 8 TANKS. ✓

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,	111-8 ✓	328 ✓	Fore peak tank,	24-8 1/2	68 ✓
Double bottom, under Engines and Boilers, COFFERDAM AFT	2-9 1/2 ✓		After peak tank,	22-9 1/2	141 ✓
Double bottom, if under Engines only,	78-2 ✓	475 ✓	Deep tank, aft, TUNNEL TANKS CR	89-4	241 ✓
Double bottom, if under Boilers only, COFFERDAMS IN MCHY SPACE	5-7 ✓		Deep tank, forward, TUNNEL TANKS PT & ST SIDES	47-5 1/2	394 ✓
Double bottom, forward,	209-4 ✓	771 ✓	Other tanks, if fitted OIL FUEL BUNKERS	19-6 1/2	939 ✓
Total length (if continuous) and Capacity	407-6 1/2	1574 ✓	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 6325

Date 16. 11. 36

Dates of Surveys held while building

1937 Apr.: 28. 29 May.: 6. 20 June.: 29 July.: 6. 8. 30 Aug.: 16. 31 Sep.: 2. 6. 20. 21. 22. 24. 28. 29  
Oct.: 4. 8. 12. 15. 20. 22 Nov.: 1. 8. 17. 18. 22. 24. 26. 29 Dec.: 1. 2. 6. 7. 9. 10. 14. 15. 17. 21. 23. 27. 28  
30 (1938) Jan.: 11. 12. 14. 17. 19. 21. 24. 27. 28. 31 Feb.: 2. 3. 4. 7. 9. 10. 11. 14. 16. 17. 21. 22. 24. 25. 28  
Mar.: 1. 3. 9. 11. 15. 21. 24. 30. 31 Apr.: 1. 5. 7. 11. 14. 15 May.: 3. 10. 20. 25. 30 June.: 3. 16. 17. 22  
27. 28 July.: 1. 7. 11. 14. 20. 26. 27  
Total No. of Visits 104