

Rpt. 1
30 NOV 1948

WRECK
SECTION

No. 1000

STEEL STEAMER OR MOTORSHIP.

Received at London Office

29 NOV 1948

90216

1/10/48

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

26/11/48

Port of

BELFAST.

No.

14,660

Survey held at

BELFAST.

Date First Survey

20th MARCH 1947.

Last Survey

9th November 1948

On the

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

SINGLE SCREW MOTOR VESSEL "BRITISH STRENGTH" (MACHINERY AFT).

State Type

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

FULL SCANTLING.

State Type of Erections

POOP, BRIDGE

& FORECASTLE.

TONNAGE under

7497.47.

Tonnage Deck ...

CLASS

"CARRYING PETROLEUM IN BULK"

(State if with freeboard as condition of Class)

No.

Built at

BELFAST.

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

L 463.0

Launched

8th JUNE 1948. Yard No. 1365.

Total

7497.47.

Breadth (greatest moulded)

B

61.5

Builders HARLAND & WOLFF LTD

Gross Tonnage

8579.70

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

D

34.0

Owners BRITISH TANKER CO LTD

Register Tonnage

4935.55.

1st Longitudinal Number (L x D)

15742

Managers

(Where necessary to be entered in Reg. Book)

2nd Numeral L x (B + D)

44 216

Residence

Port of Registry

LONDON.

REGISTERED DIMENSIONS.

FEET

Length

470.6

Breadth

61.8

Depth

33.8

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

13.62

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

Do. Long Bridge to top of keel

27.34

If surveyed while building, afloat, or in dry dock

BUILDING AFLOAT & IN DRY DOCK.

Docking date 10.4.48 see back page

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.....	31 ✓		Bracket Floors, Frame	✓	
" " from $\frac{1}{2}$ length amidships to Collision bulkhead.....	27 ✓		" " Reversed Frame.....	✓	
" " in peaks	24 ✓		" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness 59 x 54	59 x 54 ✓	
Frame Amidships, XXX. 4.4 ✓	10 3½ .42 ✓		" " top Angles	WELDED TO T.T. PLATING. ✓	
" " Extends up to.....	UPPER DECK. ✓		" " bottom Angles.....	DOUBLE ✓	
" " IN O.F. BUNKERS. ✓	10 3½ .40 ✓		" " 2 AT .60 ✓		
XXXX Frame XXXXXX. 4.4 ✓			" " WELDED TO T.T. & SHELL. ✓		
" " Extends up to	✓		Side Girders, No. each side and thickness.....		
Depth of Framing Girder.....	10 ✓		Margin Plate depth of tank top ✓	.54 ✓	
Frames in Uppermost Continuous Deck ✓	11 3½ .50 ✓		" " Vertical Angle to Tank side ✓		
ABOVE DEEP TANKS TO FOLE DK ✓	8 3½ .47 ✓		" " Bracket ✓	6 6 .46 ✓	
Second 'Lower Deck, Side, 2 or 3 ✓	10 3½ .40 ✓		" " Vertical Angle to Tank side ✓	MARGIN PLATE WELDED DIRECT TO SHELL. ✓	
MOTOR ROOM. ✓	8 3½ .38 ✓	TO MAIN DK ON ALT. FRG. ✓	" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem.....	✓	
Plate ✓	11 3½ .44 ✓		" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area	✓	
Plate ✓	8 3½ .47 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	95¼ x .46 ✓	
Plate ✓			INNER BOTTOM PLATING.		
in Peaks, XXXX ✓	7/8 AT 4 7/8 ✓		Depth and thickness of Middle Line Strake...	.62 ✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	YES ✓		Thickness of remainder in this .....	.54 ✓	
State if Frame Joggled.....	AS APPROVED. ✓		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. space and bottom	1.25 IN WAY OF ENG. GIRDERS. ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	AS APPROVED. ✓		BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	✓		Uppermost Continuous Deck, XXXXXX. 4.4 ✓	8 3 .48 ✓	
SINGLE BOTTOM.			" XXXXXX. 4.4 ✓	7 3 .33 ✓	
Floors, Depth and thickness at mid-line in Holds.....	SEE		" XXXXXX. 4.4 ✓	8 3½ .36 ✓	
Height of Brackets at side above base line at toe of frame.....	DETAILS		" XXXXXX. 4.4 ✓	7 3 .40 ✓	
Middle Line Keelson, on Floors, Angles, [or]	OF		" XXXXXX. 4.4 ✓		
" " Through Plate or Inter-costal Plate	LONGIT. FRAMING. ✓		" XXXXXX. 4.4 ✓		
" " Foundation Plate on Floors			" XXXXXX. 4.4 ✓		
" " Flat Plate Keel Angles			" XXXXXX. 4.4 ✓		
Side Keelsons, No. each side.....			" XXXXXX. 4.4 ✓		
" " thickness of Inter-costal Plate.....			" XXXXXX. 4.4 ✓		
" " Angles			" XXXXXX. 4.4 ✓		
DOUBLE BOTTOM. (IN MOTOR ROOM).			" XXXXXX. 4.4 ✓		
Solid Floors, thickness and spacing .....	.46 ON EVERY FRAME. ✓		" XXXXXX. 4.4 ✓		
" " Are Frame and Reversed Frame joggled?	FRAMES JOGGLED. ✓		" XXXXXX. 4.4 ✓		
Bracket Floors, breadth and thickness at middle line	✓		" XXXXXX. 4.4 ✓		
" " breadth and thickness at margin plate.....	✓		" XXXXXX. 4.4 ✓		

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.
PILLARS, No. of Rows	TWO		Stringer Plate, breadth and thickness in way of Bridge AFT. ✓	.40 To .36	✓
„ in 'tween Decks, Size and Spacing	LONGIT ^{DL}		Thickness of Plating about Deck openings in way of Webs REMAINDER .....	.36	✓
„ „ „ „ „	BULK ^{DS}		Thickness of Plating about Deck openings in way of Bridge AFT. PEAK TANK TOP .....	.34	✓
„ in Holds „ „ „	FITTED. ✓		Thickness of Plating within line of openings...	✓	
„ „ „ „ „	✓ ✓		If Sheathed, material and thickness.....	✓	
LONGITUDINAL Centre Line Bulkhead.	24x40 WEBS FITTED IN WAY OF TRANSVERSES. ✓		Third Deck. (DEEP TANK TOP). ✓	.40	✓
Stiffeners and Spacing	10x48 BP, 31" APART. ✓ 2 STRINGERS 29x50" ✓ FLANGED 3" ON EDGE. ✓		Stringer Plate, breadth and thickness .....	.36	✓
Plating, thickness of .....	.50" VERTICAL. ✓		If Plated, state thickness .....	.36	✓
STRINGERS AND DECKS.			Fourth Deck.	✓	
Uppermost Continuous Deck.	74 x .72 ✓		Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in way of Bridge	✓		If Plated, state thickness.....	✓	
„ „ „ „ in way of Bridge	7 7 .72 ✓		Poop Deck.	.34	✓
„ Angle in way of Bridge			Stringer Plate, breadth and thickness.....	.26 PLATING WITH 2 1/2 TEAK SHEATHING. ✓	
Thickness of Plating about Deck openings in way of Bridge CENTRE STRAKE .....	.70 ✓		Plating, Sheathing, material and thickness ...	.40	✓
Thickness of Plating about Deck openings in way of Bridge O.T. CARGO HATCHES	3 AT .58 ✓		Bridge Deck.	.30" PLATING WITH 2 1/2 TEAK SHEATHING. ✓	
REMAINDER	5 AT .68 ✓		Stringer Plate, breadth and thickness.....	.38	✓
Thickness of Plating within line of openings	✓		Plating, Sheathing, material and thickness ...	.36	✓
If Sheathed, material and thickness.....	✓		Forecastle Deck.	No SHEATHING. ✓	
Second Deck. (I.E. MAIN DECK). (FORW ^D)	37 x .36		Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in way of Bridge			Plating, Sheathing, material and thickness...		

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled ?	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.....	53	.99	.83	.83		D.R.	1	3/8	SHELL BUTTS WELDED.				
„ Dblg. (if any)													
Bottom Plating, No. of Strakes .....4.....	3	.65	.72										
	1	.66	.73	.51		D.R.	7/8	3 1/9		DO			
Bilge Plating, No. of Strakes .....ONE.....		.66	.57	.51		D.R.	7/8	3 1/9		DO			
Side Plating, No. of Strakes .....THREE.....		.64	.48	.48		D.R.	7/8	3 1/9		DO			
Upper Deck, Sheer- strake in Wells.....	63	.98	.48	.48						DO			
Upper Deck, Sheer- strake in Bridge ...		1.15 AT	BRIDGE ENDS.							DO			
Strake below Sheer- strake in Wells.....	81	.82	.48	.48		D.R.	1	3/8		DO			
Strake below Sheer- strake in Bridge ...	81	.82				D.R.	1	3/8		DO			
Poop Side Plating.....				.40		S.R.	3/4	3		DO			
Bridge Side Plating.....		.44				ONE STRAKE				DO			
Forecastle Side Plating			.44			S.R.	3/4	3		DO			

WATERTIGHT BULKHEADS.

FORGINGS AND CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		16 ✓		Casting or Forging.		Scantlings.		Maker's Name.		Any Departure from Approved Plans to be Noted	
Extending to Upper Deck (Sec. 3 c)				KEEL, Bar		FLAT PLATE KEEL.					
,, Deck next below				STEM		M.S. 10" x 2 3/4"		✓			
As per Rule. ORDINARY CARGO - 7.				STERN FRAME {		C.S. SEE APPR'D		WM BEARDMORE & CO LTD			
				Rudder		F.S. PLAN.		✓		DO	
				Speed of Vessel		11 1/2 KNOTS.		✓			
				RUDDER—Type		SEMI-BALANCED.		✓			
				EFFECTIVE AREA.		180 SQ. FEET.		✓			
				Diam. of head STOCK		F.S. 11"		✓		WM BEARDMORE & CO LTD	
				Mainpiece at top plate		F.S. 10"		✓		DO	
				heel		DOUBLE PLATE FABRICATED BY BUILDERS & ELECTRICALLY WELDED. ✓ HORIZONTAL COUPLING AS PER APPROVE PLAN. ✓				DATED 1/11/46	
				how constructed		double or single plate coupling, vertical or horizontal					
				2 SEMI-BOX BEAMS		24 x 36		4" FL			
				BOILER FLAT ON FORW'D SIDE.							
				COLLISION							
				AFTER PEAK							
				Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).		OPEN HEARTH PROCESS					
				COLVILLES LTD, STEEL COMPANY OF SCOTLAND LTD							
				THE LANARKSHIRE STEEL CO LTD							
				Has the Steel been tested as required by the Rules?		YES. ✓					

Rpt. 1*. M.V. "BRITISH STRENGTH"

YARD No 1365.

PARTICULARS OF LONGITUDINAL FRAMING. 29 NOV 1948

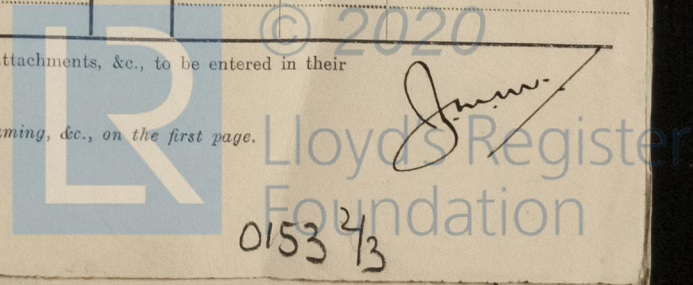
FRAMING.	AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.				
	In Ship.			In Ship.				Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.	
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		Diam.	Speng.		Number.	Diameter.
Framing of E, L or C												
Frames in Bridge 'tween Decks ...	TRANSVERSE FRAMING. ✓											
Frames from Uppermost Continuation No. 1	PLATES 54" x 42", KEEL ANGLES 4" x 4" x 50", TOP ANGLES 3 1/2" x 3 1/2" x 50" ✓											
ENTRE GIRDER.												
" 2	17 x 4 x 4 x 48/68			AS AMIDSHIPS.				7/8	5/4	3/8 FOR 11 RIVS.	VERT. ✓	
" 3	D° ✓			D° ✓				D°	D°		BKTS.	
" 4	D° ✓			D° ✓				D°	D°		WELDED	
" 5	D° ✓			D° ✓				D°	D°		TO BHP	
" 6	D° ✓			D° ✓				D°	D°		& LONG'S	
" 7	LONG. BHP. PLATING 50", STIFFERS 10" x 48 B.P. SPACED 31" APART. ✓											
" 8	17 x 4 x 4 x 48/68			AS AMIDSHIPS.				7/8	5/4	3/8 FOR 11 RIVS	VERT. BKTS WELDED	
" 9	D° ✓			D° ✓				D°	D°		TO BULK	
" 10	D° ✓			D° ✓				D°	D°		& LONG'S	
" 11												
" 12												
" 13												
" 14												
" 15												
" 16												
acing of (Amidships	2-5" - 2-7" IN CENTRE TANKS. ✓											
gitudinal (At Ends	2-7 1/2" IN WING TANKS. ✓											
frames												
Tank Top Longitudinals												
Bottom												
Longitudinals (Amidships												
(At ends...												
Transverses.												
Depth and Thickness	AT SIDES OF VESSEL, TRANSVERSE FRAMING AND VERTICAL											
Face Angles	WEBS TO LONGITUDINAL BHDS IN WAY OF BOTTOM TRANSVERSES											
Lugs to Shell	ALSO SUPPORTED WITH TWO HORIZONTAL STRUTS. ✓											
Depth and Thickness												
Face Angles												
Lugs to Shell												
Depth and Thickness	54 x 48" IN CENTRE 36 x 44 IN WINGS. ✓ AS AMIDSHIPS.											
Face Angles	9 x 3 1/2 x 60 DBA IN CR 3 1/2 x 3 1/2 x 48" SINGLE IN WINGS. ✓ D° ✓											
Lugs to Shell	WELDED TO SHELL IN CR 6 x 6 x 44" IN WINGS. ✓ D° ✓											
Back Bars	.48 set 22.12.48											
Brackets	7-0 x 42" IN CR TANKS, 8-2 x 44" IN WING TANKS. ✓											
FLOORS.												
Spacing of Transverse	10-4" IN CENTRE & WING TANKS. ✓											
* State if joggled or liners.	* SHELL LUGS IN WING TANKS JOGGLED. ✓											
Longitudinal												
Beams of												
Upper	CR	8	3 1/2	45	IN WAY OF OIL CARGO TANKS. ✓			30	✓			
WINGS	WINGS	8	3 1/2	48	IN WAY OF OIL CARGO TANKS. ✓			31 1/2	✓			
Third												
Bridge Deck												
Plate.												
Face Angles.												
Any departure from Approved Plans to be Noted.												
Transverse Beams.												
29 x 42												
6 x 3 1/2 x 52 OA.												
SINGLE.												
28 x 42												
6 x 3 1/2 x 50 OA.												
SINGLE.												

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, &c., 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, &c., on the first page.

11.42. T.

Lloyds A+C.P. + LMC 11.48 (Del Eng.



0153 4/3

EQUIPMENT No. 46245.

LETTER dtv

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.				
52529.	1st Bower	82	1	3	✓			60	0	0	0	✓	BYERS IMPROVED TYPE C.S. HEAD.	NOT STATED	SUNDERLAND - 26/6/48. JOSEPH HIBBS.
52512	2nd "	80	3	0	✓			59	0	0	0	✓		PER.	SUNDERLAND - 24/6/48. JOSEPH HIBBS.
52023.	3rd "	70	1	0	✓			54	0	0	0	✓		W.L. BYERS & CO	SUNDERLAND - 30/3/48. JOSEPH HIBBS.
	Collective weight	233	1	3	✓							232.✓		LTD	
52573.	Stream	29	2	14	✓			28	6	3	14	23½ EX-STOCK ✓	D°.	D°	SUNDERLAND - 2/7/48. JOSEPH HIBBS.

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.	Statutory.	Breaking.	Supplied.	Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms	Ins.	Tons	Tons	Cwts.	qrs.	lbs.	Fathoms	Ins.					Fathoms	Ins.	Tons	Fathoms	Ins.
8678	300½	2½	112½	157½	953.1.0	340.0		300	2½	STUD LINK.	NOT STATED.	NETHERTON. 26/7/48. H. MURPHY.	TOWLINE	130	5½	84.4	130	5½
														2	3½	25.7	2	3½
														AT 100	(6x24)		AT 100	2¾
														2	3"	18.6	2	2¾
														AT 100	(6x24)		AT 100	2¾
Iron Stream Chain or Steel Wire	120	4¾		64.6				120	4¾									
		(6x24)																

Steering Gear, Type (Power or hand) HASTIE'S STEAM HYDRAULIC.

Alternative Means of Steering

BLOCKS & TACKLE TO WINCH.

Steering Chains (Size and Test)

TELE MOTOR CONTROL.

Windlass

EMERSON WALKERS

STEAM HORIZTAL

Boats 4-26' STEEL.

Ceiling in Holds, thickness and material

Cargo Battens, thickness, material and spacing

Cargo Hatchways.—(Upper Deck) 27 OFF STEEL O.T. HATCHES (6'0" x 4'0")

Thickness of Hatches. 64" O.T. STEEL COVERS.

To FORE HOLD.

6'9" x 10'0" WITH 30"x.44 COAMING & 60" HINGED W.T. STEEL COVER

Size of Hatchways No. 1 (Fwd.)

No. 2

No. 3

No. 4

No. 5

No. 6

Number of Shifting Beams and/or Fore and Afters

Builder's Signature

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. oil tanker. ✓ 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).

Oil fuel is carried in bunkers situated at the forward end of the motor room, in the double bottom tank under the engine and in the deep tanks forward of the forward cofferdam. Cargo oil is carried in 27 compartments between the forward and aft cofferdams, separated into two groups by one pump room.

This vessel has been built in conformity with the Society's Rules and Regulations 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 good. All cargo tanks, oil fuel tanks, settling tanks, lubricating oil tanks, deep tanks forward fore and aft peaks, fresh water tanks, double bottom tanks in machinery space and the cofferdams have been water tested to Rule Requirements with satisfactory results. Weather decks and watertight bulkheads have

The amount of Entry Fee..... £ : : ✓
Special Survey Fee..... £ 776.0.0
FREEBOARD FEE 34.0.0
Travelling Expenses, if any £ : :
Fees applied for, 26/11/1948
Received by me, 19

(Special notations, where part of class, to be stated.)
"CARRYING PETROLEUM IN BULK, LONGITUDINAL FRAMING AT BOTTOM & DECK, BUTTS OF SHELL & DECK ELECTRICALLY WELDED?"

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

State whether the Vessel has been built under Special Survey

Yes.

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

Belfast.

Date of issue

24/12/48

Committee's Minute

FRI. 17 DEC 1948

Character assigned

+100A1 Carrying Petroleum in bulk

1946 Bel.

Lloyd's A.C.P.

+ LMC 11.48 Oil Eng.

C.L.

2 DB 15016

White Bel. (h)

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Lloyd's Register Foundation

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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.)

been satisfactorily hose tested. ✓ Bilge pumping and steam smothering have been tested and found satisfactory. ✓ The steering gear and windlass have been tested under working conditions at sea and found satisfactory. ✓ The freeboards assigned have been marked on the vessel's sides, verified and cut in and the freeboard certificates issued. ✓

This vessel is a sister ship of the builders yard No 1362G, "BRITISH RANGER", built at Govan and yard No 1364, "BRITISH SECURITY" - Bel. Rpt No 14587.

The following certificates are forwarded with this report:—

Stemframe, backpost, rudder bearing bush, masts, derrick posts and derricks, and steel mill sheets. Steering gear and tillers certificates. ✓

Interim certificate issued, copy attached. ✓

Vessel undocked 15th October 1948. ✓

The approved plans are forwarded. ✓

Plan of Pumping arrangement enclosed.

PARTICULARS OF ELECTRIC WELDING (if employed) All butts of shell and deck plating, stiffeners to transverse and longitudinal bulkheads, longitudinal bulkheads to bottom shell, ✓ transverse to shell in centre tanks, engine seating, ✓ double bottom tank top plating, ✓ floors and side girders to tank top and shell, ✓ the cruciform connection of transverse and longitudinal bulkheads, ✓ bilge keel connecting flat bar to shell, ✓ rudder and other minor items. ✓

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

CRUISER STERN, OIL ENGINE, MACHINERY AFT, GYRO COMPASS.

DIRECTION FINDING APPARATUS, ECHO SOUNDING GEAR, RADAR-FITTED.

Type. COSSOR MARINE.

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

1st Bower	52-3-17, ✓ S.P.R. 9078, 16-7-47. ✓
2nd "	51-2-14, ✓ J.H.J. 8430, 20-12-46. ✓
3rd "	44-3-0, ✓ A.E.G. 9955, 27-1-48 ✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 94.5 ft., R.Q.D. ✓ ft., Bridge 39.5 ft., Forecastle 59.0 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 NO BELTING. Over-all Length 489'-6". ✓
(Circ. 1611) (Circ. 1703)

No. and Material of Decks ONE STEEL DECK. 2ND DECK CLEAR OF CARGO TANKS & FUEL TANKS (I.E. BUNKERS). ✓

Parts of Bottom of Vessel coated with cement or approved composition BARE STEEL IN OIL COMPARTMENTS. ✓
CEMENTED IN FORE & AFT PEAKS. ✓

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, (FR 173 - F.P.)	27.5	197.2
Double bottom, under Engines and Boilers,			After peak tank, (A.P. - FR. 8)	16.0	89.0
Double bottom, if under Engines only, (FR. 11-38)	67.5 ✓	104.6 ✓	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward, (FR. 159-173).	31.5 ✓	459.4 ✓
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. 980

Date 19. 11. 48

Dates of Surveys held while building

1944 Nov. 20. 27 Apr. 1. 10. 22 May 2. 14. 21 June 4. 9. 11 July 7. 24. 28 Aug 7. 13
Oct. 3. 7. 24 Nov. 18. 24. 28 Dec. 10. 12. 17 1948 Jan. 6. 21. Feb. 11. 12. 16. 24 Mar. 1. 2. 4. 10. 11. 17. 15. 17
25 Apr. 1. 2. 6. 7. 9. 12. 13. 14. 15. 16. 20. 21. 22. 23. 27. 28. 29. 30 May 4. 5. 6. 11. 13. 14. 17. 18. 21. 25. 26. 28
June 1. 2. 3. 4. 7. 8. 14 July 27 Aug 16. 24. 26. 30 Sept. 1. 29 Oct 13. 14. 15. 28 Nov. 25. 9.

Total No. of Visits 91

Lloyd's Register Foundation