Rpt. 1

STEEL STEAMER OR MOTORSHIP.

29 OCT 1951
Received at London Office

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

OCT 26 1951 State if Report is sent on the Machinery of the Vessel YES (FROM W.HPL)

Date of completion of report 24TH OCTOBER 1951 Port of SUNDERLAND. No. 35645

Survey held at SUNDERLAND Date First Survey 10 July 1950 Last Survey 16TH OCTOBER 1951

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW "STANHOPE" MACHINERY AMIDSHIPS

State Type (~~Full Scantling~~, Complete Superstructure with ~~or without~~ Tonnage Opening) TONNAGE OPENING AFT REVISED RULES. State Type of Erections FORECASTLE ON C.S.S.

TONNAGE under Tonnage Deck ... 5262·52

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

Total ✓

Gross Tonnage 6033·59

Register Tonnage 3472·33

REGISTERED DIMENSIONS.

FEET

Length 444·9

Breadth 58·85

Depth 26·05.

CLASS ✠ 100 A1 State if with freeboard as condition of Class ✓

	FEET	
Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)	L	435·0' ✓
Breadth (greatest moulded)	B	58·5' ✓
Depth, at middle of length from top of ~~keel~~ GARBOARD STRAKE to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)	D	38·0' ✓
1st Longitudinal Number (L × D) =		✓
2nd Numeral L × (B + D) =		✓
Framing Depth "d," at middle of length. See Sec. 3 (1d)		✓
Proportions—Depth to Length—Uppermost continuous deck to top of ~~keel~~ GARBOARD STRAKE		11·44. ✓
Do. Long Bridge to top of keel		✓
Draught Moulded (TO TOP OF GARBOARD STRAKE)		25'-9½"

Built at SUNDERLAND

Launched 20-4-51. Yard No. 508

Builders MESSRS SHORT BROS LTD.

Owners THE STANHOPE STEAMSHIP CO LTD.

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

Residence ✓

Port of Registry LONDON.

If surveyed while building, afloat, or in dry dock
BUILDING AFLOAT AND IN DRYDOCK
DRYDOCKING DATE 6/10/51.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships		30"	✓	
" " from ⅜ length amidships to Collision bulkhead		27'	✓	
" " in peaks		24"	✓	
SIDE FRAMING. Frame Amidships, Angle, ~~L~~ or [	12	3½	·73" ✓	
" " Extends up to 2ND DECK AND SHELTER DK AT HATCH ENDS ✓				
" IN MOTOR ROOM	12	3½"	·67 BA WITH WEB FRAMES.	
" BOILER ROOM	12	3½	·73 BA. ✓	
~~Reversed Frame~~ Amidships, ~~Angle~~ IN DEEP TANK	15 × 4 × 4	× ·41/62	[WITH GIRDER. ✓	
" " Extends up to ...	✓			
Depth of Framing Girder	15" ✓ AND 12" ✓			
Frames in Uppermost Continuous 'tween Decks, ~~Angle, L or~~ [	6	3½	28 BA. ✓	
	INCREASED FORE AS APPROVED.			
" " Second 'tween Decks, Angle, [or [	✓			
" " Third " " " "	✓			
" from ½ len. for'd. to 15% len. from Stem	15 × 4 × 4	× 44/62	[✓	
" in Peaks, ~~Angle or~~ [✓	8	3½	·33" BA. ✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8" D/A.	5¾" ✓	APART	
State if Frame Joggled	YES ✓			
Are the scantlings and arrangements in the **Panting Area** in accordance with the Rules and/or as approved ?	YES ✓			
Are the scantlings and arrangements in way of the **Bottom Forward** in accordance with the Rules and/or as approved ?	YES ✓			

SINGLE BOTTOM.

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 [

" " " Through Plate or Intercostal Plate

" " " Foundation Plate on Floors

" " " Flat Plate Keel Angles

Side Keelsons, No. each side

" " thickness of Intercostal Plate

" " Angles

DOUBLE BOTTOM.

Solid Floors, thickness and spacing ·41" ✓ EVERY 4TH FLOOR ✓

" " Are Frame and Reversed Frame joggled ? FRAMES ONLY ✓

Bracket Floors, breadth and thickness at middle line 33" ✓ × ·41" ✓ FLGD 3" ✓

" " breadth and thickness at margin plate 33" ✓ × ·41" ✓ FLGD 3" ✓

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
Bracket Floors, Frame	7	3½ ✓	·43 BA. ✓	
" " Reversed Frame	7	3	·34 BA. ✓	
" " Vertical Struts	2 @	8"×3"×3"×	40/44 L ✓	
	1 @	6"×3"×	·41 OA. ✓	
Centre Girder, depth and thickness amidships	44½" ✓	× ·53" ✓		
	4'-7½"	× ·53" ✓	·62 INWAY OF MOTOR ROOM	
" " top Angles DOUBLE	3½	3½	·47. ✓	
" " bottom Angles DOUBLE	5	5	·50 ✓	
Side Girders, No. each side and thickness	ONE ✓ @	·37" ✓		
Margin Plate depth (excl. of flange) and thickness	37½" ✓	× ·52" ✓		
" " Vertical Angle to Tank side Bracket abaft ¼ len. from stem	3½	3½	·48 ✓	
" " Vertical Angle to Tank side Bracket from forward ¼ len. from stem to Panting Area	3½ ✓	3½ ✓	·48+·49 ✓	
" " Gussets, spacing and scantling abaft ¼ len. from stem	14" ✓	×·48" ✓	FLGD 2½" ✓ CONTINUOUS PLATE	
" " Gussets, spacing and scantling from forward ¼ len. from stem to Panting Area	14" ✓	×·48+·49 ✓	FLGD 2½" ✓ " "	
Tank Side Brackets, height above base line at toe of Frame and thickness	74" ✓	×·48 ✓	FLGD 4½" ✓	
	95" ✓	×·48 ✓	IN DEEP TANK. FLGD 4½" ✓	
	95" ✓	×·47 ✓	" M.R. ✓ " "	
INNER BOTTOM PLATING. Breadth and thickness of Middle Line Strake	PLATED ATHWARTSHIPS		·44" ✓	
Thickness of remainder in Holds	"	"	·44" ✓ ·52" ✓ I.W.O HATCHES	
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 ?	YES. ✓			
BEAMS. Uppermost Continuous Deck, amidships ~~and Wells~~ Angle, ~~L or~~ [	9"	3½" ✓	·38 B.A. ✓	
	WITH STRONG BEAMS. ✓			
" " in way of Bridge, Angle, [or [	✓			
Spacing	30" ✓			
Second Deck, amidships, ~~Angle, L or~~ [	9"	3½ ✓	·39–·48 B.A. ✓	
	WITH STRONG BEAMS. ✓			
Spacing	30" ✓			
Third Deck, amidships, Angle, [or [	✓			
Spacing	✓			
Fourth Deck, amidships, Angle, [or [	✓			
Spacing	✓			
Poop Deck, Angle, [or [	✓			
Spacing	✓			
Bridge Deck, Angle, [or [	✓			
Spacing	✓			
Forecastle Deck, ~~Angle, L or~~ [✓	8	3	·37 BA.	
	7	3	·45 BA. ✓	
Spacing	27" AND 24"			

AND AS APPROVED ✓

014545-014555-00801/2

PILLARS AND DECKS.

	Inches in Ship.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows	STRONG BEAMS AT HATCH ENDS AND GIRDERS AS APPROVED.	
„ in 'tween Decks, Size and Spacing	AT CENTRE LINE. 4"x4"x·38-·44 AT ALT. BEAMS	
„ „ „ „ „	AT HATCH ENDS ✓ BRACKETED TOP AND BOTTOM, 8"x3"x3"x·40/·44 DOUBLE [	
STIFFENERS in Holds „ AT CR LINE BULKHEAD ✓	5"x3"x·290 A. / 7"x3"x·39-·47 BA. / 9"x3½"x·39-·45 BA. / 10"x3½"x·40-·43 BA. AT ALT. BEAMS.	
PILLARS „ „ „ AT HATCH ENDS.	9"x3½"x·38 BA DOUBLE	
„ „ AT CR. LINE BHD. ✓	10"x3½"x·54 BA " / 10"x3½"x·56 " " / 12"x3½"x·54-·74 BA "	
Centre Line Bulkhead. Stiffeners and Spacing		
Plating, thickness of	·30" ✓	
STRINGERS AND DECKS. **Uppermost Continuous Deck.** Stringer Plate, breadth and thickness ~~in Wells~~	73" x ·80"-·41	
„ „ „ „ in way of Bridge	✓	
„ Angle ~~in Wells~~	6 6 ·76	
Thickness of Plating abreast Deck openings ~~in way of Wells~~	·69-·62	
Thickness of Plating abreast Deck openings in way of Bridge	✓	
Thickness of Plating within line of openings...	·37+·35	
If Sheathed, material and thickness	2½ WOOD SHEATHING AT AFT END	
Second Deck. Stringer Plate, breadth and thickness ~~in Wells~~	73" x·38	

	Inches in Ship.	Any Departure from Approved Plans to be Noted.
Stringer Plate, breadth and thickness in way of Bridge	✓	
Thickness of Plating abreast Deck openings ~~in way of Wells~~	·38-·45"	
Thickness of Plating abreast Deck openings in way of Bridge	✓	
Thickness of Plating within line of openings...	·30" +·36"	
If Sheathed, material and thickness	✓	
Third Deck. Stringer Plate, breadth and thickness	✓	
If Plated, state thickness	✓	
Fourth Deck. Stringer Plate, breadth and thickness	✓	
If Plated, state thickness	✓	
Poop Deck. Stringer Plate, breadth and thickness	✓	
Plating, Sheathing, material and thickness ...	✓	
Bridge Deck. Stringer Plate, breadth and thickness	✓	
Plating, Sheathing, material and thickness ...	✓	
Forecastle Deck. Stringer Plate, breadth and thickness	·28	
Plating, Sheathing, material and thickness...	·28 ·50 UNDER WINDLASS	

SHELL PLATING.

SCANTLINGS.

STRAKES.	AS IN VESSEL. Amidships. Breadth.	Amidships. Thickness.	Forward. Thickness.	Aft. Thickness.	ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.
	Inches.	Inches.	Inches.	Inches.	
Flat Plate Keel	58½ ✓	·84 ✓	·84 ✓	·84 ✓	
„ Dblg. (if any)	✓	✓	✓	✓	
Bottom Plating, No. of Strakes ..11..	A. B. C. D.	·63 ✓	·47 ✓ ·60 ✓ ·73 ✓ ·47 ✓	1·00 ✓ ·63 ✓ ·63 ✓ ·58 ✓	
Bilge Plating, No. of Strakes ..1..	E.	·63 ✓	·47 ✓	·63 ✓	
Side Plating, No. of Strakes ..11..	F. G. H. J.	·61 ✓	·67 ✓ ·47 ✓ ·47 ✓ ·47 ✓	·47 ✓	
Upper Deck, Sheer-strake ~~in Wells~~	L. 61¾	·76 ✓	·42 ✓ ·70 ✓	·45 ✓	
Upper Deck, Sheer-strake in Bridge ...	—	—	—	—	
Strake below Sheer-strake ~~in Wells~~	K	·61 ✓	·47 ✓	·47 ✓	
Strake below Sheer-strake in Bridge ...		✓			
Poop Side Plating		✓	A, B & C STRAKES ON FLAT OF BOTTOM BETWEEN ·05L AND ·2L FROM FORE. INCREASED TO ·73 ✓ AND BETWEEN ·2L AND ·25L TO ·74 ✓		
Bridge Side Plating		✓	SIDE SHELL IN PANTING AREA ·58 ✓		
Forecastle Side Plating			·38 ✓		

RIVETING.

	EDGES. State if jogged? NO. Single or Double.	Rivets. Diam.	Rivets. Spacing cr. to cr.	BUTTS. No. of Rows of Rivets.	Rivets. Diam.	Rivets. Spacing cr. to cr.	~~Strapped or~~ Lapped.
		Inches.	Inches.		Inches.	Inches.	
Flat Plate Keel	DOUBLE ✓	1 ✓	4⅞ ✓	WELDED ✓			
„ Dblg. (if any)	—	—	—	—	—	—	
Bottom Plating, No. of Strakes ..11..	DOUBLE. ✓	⅞ ✓	3¾ ✓	3 R. ✓	⅞ ✓	3½ ✓	LAPPED ✓
Bilge Plating, No. of Strakes ..1..	" ✓	⅞ ✓	3¾ ✓	3 R. ✓	⅞ ✓	3½ ✓	" ✓
Side Plating, No. of Strakes ..11..	" ✓	⅞ ✓	3¾ ✓	3 R. ✓	⅞ ✓	3½ ✓	" ✓
Upper Deck, Sheer-strake ~~in Wells~~	" ✓	⅞ ✓	3¾ ✓	4 R. ✓	1 ✓	4 ✓	" ✓
Upper Deck, Sheer-strake in Bridge ...	—	—	—	—	—	—	
Strake below Sheer-strake ~~in Wells~~	DOUBLE ✓	⅞ ✓	3¾ ✓	3 R. ✓	⅞ ✓	3½ ✓	" ✓
Strake below Sheer-strake in Bridge ...							
Poop Side Plating							
Bridge Side Plating							
Forecastle Side Plating	SINGLE. ✓	⅞ ✓	3⅜ ✓	1 R. ✓	⅞ ✓	3½ ✓	" ✓

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 *c*) 1 ✓

„ Deck next below 6 ✓

As per Rule 7

	Plating Thickness.	STIFFENERS. Vertical. Scantlings.	Vertical. Spacing.	Horizontal. Scantlings.	Horizontal. Spacing.
	Inches.				
MIDSHIP BULKH'D, ~~Upper 'tween decks~~ No 71	·45-·33 ✓	12"x3½"x·45 BA ✓ / 10"x3½"x·40 BA ✓ / 6"x3"x·35 BA ✓	30"	—	—
„ „ ~~Second~~ No 39 „	·46-·35 ✓	12"x3½"x·72-·45 BA ✓ / 10"x3½"x·40 BA ✓ / 7"x3"x·41 BA ✓ / 4"x3"x·300A. ✓	30" ✓ / 24" ✓	—	—
„ „ ~~Third~~ „					
„ „ Holds No 139	·47-·35 ✓	12"x3½"x·66-·46 BA. ✓	30+24" ✓	—	—
COLLISION „ (in Hold)	·55-·28 ✓	10"x3½"x·44 BA ✓ To 8"x3"x·39 BA. ✓ / 5"x3"x·270A. ✓	24 ✓	STRINGERS & S. B. BEAM ✓	6'0" ✓
AFTER PEAK „ „	·60-·31 ✓	9"x3½"x·48 BA ✓ To 3"x3"x·36 OA ✓	24 ✓	STRINGER ✓	—

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar	✓	✓	—	✓
STEM	M.S.	10"x2¾"		
STERN FRAME Propeller Post	STEEL PLATES FABRICATED IN ACCORDANCE			
STERN FRAME Rudder „	WITH APPROVED PLAN			
Speed of Vessel 12 KNOTS ✓				
RUDDER—Type ORDINARY			—	
„ A × D. 515 ✓				
„ Diam. of head		10½" ✓		
„ Mainpiece at top pintle		✓		
„ „ heel		✓		
„ how constructed	STEEL PLATES AND ANGLES FABRICATED			
„ double or single plate	DOUBLE ✓	·48" SIDE PLATES ✓		
„ 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

APPLEBY FRODINGHAM; CONSETT IRON Co LTD; CARGO FLEET IRON Co LTD; COLVILLES LTD; DORMAN LONG Co LTD; SKINNINGROVE IRON Co LD; STEEL COMPANY OF SCOTLAND; SOUTH DURHAM STEEL AND IRON Co LD

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

EQUIPMENT No. 42834 LETTER G7 ANCHORS.

Number of Certificate.	Anchors.	Stockless Weight, Ex. Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	cwts.	qrs.	lbs.	Weight Required by Table 53. Cwts.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
31357	1st Bower ...	73	1	21	✓	✓	✓	55	10	0	0	72½	STOCKLESS ANCHOR.	✓	L.P.H Low Walker 7/3/51 R.J.V.
31353	2nd ,, ...	73	1	0	✓	✓	✓	55	10	0	0	72½	" "	✓	DITTO 6/3/51.
31128	3rd ,, ...	62	1	14	✓	✓	✓	49	15	0	0	62	" "	✓	DITTO. 14/11/50.
	Collective weight	209	0	7	-	-	-					207			
31413	Stream	20	0	14	6	1	14	20	17	0	21	20½	"RODGER" TYPE STOCK ANCHOR	✓	DITTO 28/3/51.

THE WEIGHT (EX STOCK) OF STREAM ANCHOR IS SLIGHTLY BELOW RULE, BUT IT IS RECOMMENDED THAT THIS ANCHOR BE ACCEPTED IN THIS CASE

CHAIN CABLES.

Number of Certificate.	Length and size supplied. Length. Fathoms	Diam. Ins.	Test per Certificate. Statutory. Tons.	Breaking. Tons.	Weight of Chain Cable. Supplied. Cwts. qrs. lbs.	Per Rule. Cwts.	Length and Size per Table 53. Length. Fathoms	Diam. Ins.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
7550	300 ✓	2 1/16	107 1/10 ✓	149 9/10 ✓	696 - 0 - 13.		300 ✓	2 1/16 (Steel)	FLORY "SPECIAL STEEL CABLE	NORTH BRITISH ELECTRIC WELDING CO. LD.	L.P.H. GLASGOW. 20/3/51 W.W. WRIGHT
Iron Stream Chain or Steel Wire	120 ✓	Cir. 5" ✓		52·8	-	-	120 ✓	Cir. 5" ✓	6/12 G.S.W.R.	WEBSTER & Co. LD. SUNDERLAND.	-

HAWSERS AND WARPS.

Material.	Length and Size supplied. Length. Fathoms	Cir. Ins.	Breaking Test of Steel Wire. Tons.	Length and Size per Table 53. Length. Fathoms	Cir. Ins.
TOWLINE ...	120 ✓	5" ✓	70·9 ✓	120 ✓	5" ✓
HAWSERS & WARPS	40 100 ✓	2 3/4 ✓	15·2 ✓	40 100	2 3/4 ✓
"					
"					

Steering Gear, Type (Power or hand) STEAM TELEMOTOR GEAR BY MESSRS DONKIN & Co. ✓ Alternative Means of Steering BLOCK AND TACKLE FROM AFTER WINCH. ✓

Steering Chains (Size and Test) ✓ Windlass STEAM BY EMERSON WALKER ✓ " Boats P.S. 26·5' MOTOR ONE OFF ✓ S.S 26·0 ORDINARY " "

Ceiling in Holds, thickness and material 2½" W.W AT BILGES AND UNDER HATCHWAYS ✓ Cargo Battens, thickness, material and spacing 6"x2" W.W 9" APART. ✓

Cargo Hatchways.—(Upper Deck) STEEL PLATES AND ANGLES STRONGLY CONSTRUCTED ✓ Thickness of Hatches 3" W.W.

Size of Hatchways No. 1 (Fwd.) 33'-9"x23'-0" ✓ No. 2 35'-0"x23'-0" ✓ No. 3 35'-0"x23'-0" ✓ No. 4 35'-0"x23'-0" ✓ No. 5 35'-0"x23'-0" ✓ No. 6 5'-0"x23'-0" TONNAGE HATCH. ✓

Number of Shifting Beams ~~and/or Fore and Aft~~ 5 OFF ✓ 5 OFF ✓ 5 OFF. ✓ 5 OFF ✓ 5 OFF ✓ -

Builder's Signature FOR SHORT BROTHERS, LIMITED.

SECRETARY.

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 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 UNDER SPECIAL SURVEY IN CONFORMITY WITH THE SOCIETY'S RULES AND REGULATIONS, AND THE SECRETARY'S LETTERS. THE SCANTLINGS AND ARRANGEMENTS OF THE VESSEL ARE AS GIVEN IN THIS REPORT, AND AS SHEWN AND AMENDED ON THE APPROVED PLANS NOW FORWARDED. ✓ ALL MODIFICATIONS OR ADDITIONS TO THE ORIGINAL APPROVED ARRANGEMENTS MADE DURING CONSTRUCTION HAVE BEEN INDICATED ON THE PLANS, AND HAVE BEEN APPROVED AS BEING IN ACCORDANCE WITH, OR BY STANDARDS, EQUIVALENT TO THE RULE REQUIREMENTS. ✓ THE PLANS OF MIDSHIP SECTION AND PROFILE + DECKS, SHEWING THE VESSEL AS BUILT HAVE BEEN CHECKED WITH THE APPROVED PLANS AND FOUND IN ORDER. ✓ THE MATERIALS AND WORKMANSHIP ARE GOOD. ✓ OIL FUEL, FLASH POINT ABOVE 150°F IS CARRIED IN Nos 2, 3, 4, & 6. DOUBLE BOTTOM TANKS. ✓ THE REQUIREMENTS OF SECTION 20 OF THE RULES SO FAR AS APPLICABLE HAVE BEEN COMPLIED WITH. ✓ ALL DOUBLE BOTTOM TANKS, COFFERDAMS ✓ PEAK, ✓ DEEP, ✓ AND SETTLING ✓ TANKS HAVE BEEN TESTED UNDER WATER PRESSURE AND FOUND SATISFACTORY. ✓ THE UPPER ✓ AND 2ND ✓ DECKS, ✓ FO'CLE DK, ✓ BULKHEADS, ✓ SHAFT TUNNEL, ✓ W.T. DOORS ✓ HAVE BEEN SATISFACTORILY HOSE TESTED. ✓ THE STEERING GEAR, ✓ SECONDARY MEANS OF STEERING, ✓ WINDLASS, ✓ BILGE SUCTIONS, ✓ AND HAND PUMPS ✓ HAVE BEEN TESTED UNDER WORKING CONDITIONS WITH SATISFACTORY RESULTS ✓ THE FREEBOARD MARKINGS HAVE BEEN VERIFIED AND CUT IN ON THE VESSEL'S SIDE. ✓

The amount of Entry Fee ..... £765 : - : - ✓ Fees applied for, OCT 26 1951

FREE BOARD ASSIGNMENT. ~~Special Survey~~ Fee ..... £30 : - : - ✓ Received by me,

Travelling Expenses, if any ..... £ : : 19

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

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

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

Signature A. Little.
Surveyor to Lloyd's Register of Shipping.

Certificate to ~~be~~ sent to Hull ~~SUNDERLAND~~ Rich'y Cert & Hull Date of issue 17/12/51.

Committee's Minute TUES. 20 NOV 1951

Character assigned +100A1

10,51 Sld.

Lloyd's A & CP

+LMC 10,51 Oil Eng.

C.L. (with torsional endorsement)

2 D13 1506

The Surveyors are requested not to write on or below the Committee's Minutes.

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.*)

SISTER VESSEL M.V. "CALLISTO" ✓ SUNDERLAND REPORT Nº 3561.

THE FOLLOWING APPROVED PLANS ARE FORWARDED

PROFILE AND DECKS
MIDSHIP SECTION
BULKHEADS
STRENGTHENING OF DOUBLE BOTTOM UNDER ENGINES
RUDDER
STERNFRAME.
STRENGTHENING OF BOTTOM FORWARD
FORE END FRAMING
TANK TOP PLATING
HATCH ENDS AND STRONG BEAMS
AFTER END FRAMING
DECK GIRDERS
BILGE AND BALLAST PLAN.
DEEP TANK HATCH COVER.
DECKHOUSES
MACHINERY CASINGS.
HATCH COAMINGS TO SUIT "NEILSON ROLLER FITTING"
SHELL PLAN.
SHIP'S SIDE VALVE SEATS
AUXILIARY STEERING GEAR.

FORGING CASTING CERTIFICATES.
TARPAULIN CERTIFICATE.

NOTE :- THE DEPTH "D" GIVEN IN THIS REPORT CORRESPONDS TO THAT SHEWN ON THE APPROVED PLANS, AND IS MEASURED TO THE INSIDE OF THE GARBOARD STRAKE IN ACCORDANCE WITH THE BUILDERS PRACTICE, AND NOT TO THE TOP OF THE KEEL.

THE DRAUGHT MOULDED REPORTED IS THAT GIVEN BY THE BUILDERS i.e. - TO THE TOP OF THE GARBOARD STRAKE.

PARTICULARS OF ELECTRIC WELDING (*if employed*) KEEL AND CENTRE GIRDER BUTTS; TANK TOP SEAMS AND BUTTS; TANK TOP TO MARGIN PLATES; FLOORS IN MOTOR ROOM WELDED TO LONGITUDINAL GIRDERS; DEEP TANK BULKHEADS; BULKHEAD STIFFENER BRACKETS; GUSSET PLATES TO MARGINS AND FRAME BRACKETS; STERN FRAME; BUTTS OF 2ND DECK PLATING (PART); 2ND DK. PLATING TO SHELL; 2ND DECK GIRDERS TO DECK, GIRDER BUTTS; HATCH CORNER DOUBLERS; CENTRE LINE BULKHEAD TO TANK TOP, AUXILIARY ENGINE SEATS, SETTLING TANKS AND SEVERAL MINOR PARTS OF STRUCTURE.

SPECIAL NOTATIONS :—*Either as part of the vessel's class or for record in the Register Book*
CRUISER STERN; LLOYD'S A+CP; OIL ENG.; 1 DK (STEEL) AND SHELTER DECK.
PART ELECT. WELDED; D.F.; E.S.D.; Gy.C. RADAR.

RADAR *Equipment (State if fitted)* YES.
State Type or Pattern No. DISPLAY UNIT TYPE 167 CLASS B. SERIAL Nº R
"RECEIVER" " 1528. CLASS "B" " "R
State Name of Maker DECCA RADAR LTD.
~~and/or~~ Supplier

Particulars of **Drop Test** of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test. (WEIGHT INCLUDING PINS)

1st Bower	45-2-0 ✓	A.E.G.	Nº 2050.	19-1-51
2nd ,,	45-1-14 ✓	A.E.G.	Nº 2042	12-1-51
3rd ,,	39-2-14 ✓	A.E.G.	Nº 1572	5-5-50

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 40.5' ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ✓

Official No. 184517 Signal Letters M.M.T.X Extreme Breadth ~~of Belting~~ 58.85 (Circ. 1611) Over-all Length 461.29' (Circ. 1703)

No. and Material of Decks 1 DECK (STEEL) AND SHELTER DECK.

Parts of Bottom of Vessel coated with cement or approved composition Nº 1, 5 & 7 D.B TANKS; COFFERDAMS; UNDER BOILERS; FORE AND AFTER PEAK TANKS AND BILGES

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.	SALT WATER Water Capacity. Tons.
Double bottom, aft, Nº 6 & 7 D.B. TANKS	135.0 ✓	407 ✓
Double bottom, under Engines and Boilers, Nº 4 & 5 [Nº 4 D.B. OIL FUEL]	45.0 ✓	222 ✓
~~Double bottom, if under Engines only~~ Nº 5 D.B. F.W.	✓	✓
~~Double bottom, if under Boilers only~~,	✓	✓
Double bottom, forward, Nº 1, 2, 3 D.B TANKS	195.25 ✓	869.
Total length (if continuous) and Capacity	375.25 ✓	1498. 222 → 1276

Where Fitted.	Length. Feet.	SALT. WATER Water Capacity. Tons.
Fore peak tank,	25.75	195
After peak tank,	22	184
Deep tank, ~~etc~~	32.5 ✓	1434
~~Deep tank, forward~~,	✓	✓
Other tanks, if fitted,	✓	✓
(If necessary furnish further information by sketch.)		

Order for Special Survey No. 6347 / 2
Date 12.7.50

Dates of Surveys held while building

1950 Jul 10.11.12.13.14.17.20.21.24.25.27.28 Aug 8.10.16.17.18.21.23.24.30.31 Sep 4.5.6.7.8.11.12.14.15.18.20.21.22.25.26.28.29
Oct 2.3.5.10.12.16.17.18.23 Nov 13.14.15.16.17.21.23.27.29.30 Dec 1.11.12.13.15.18.19.20.21.27.28 1951 Jan 2.3.4.5.8.9.10.11.16.17.
18.19.22.23.24.25.26.30.31 Feb 2.5.6.8.9.12.14.15.16.19.21.23.28 Mar 2.5.9.12.15.16.20.21.22.27.29 Apr 2.3.5.10.12.17.
18.20 May 1.2.4.10.17.22.24.29.31 Jun 1.5.6.12.18.25 Jul 30 Aug 28.30 Sep 3.6.12.14.24.26.27 Oct 2.3.4.6.9.10.11.16

Total No. of Visits 152