

STEEL STEAMER OR MOTORSHIP.

Received at London Office 26 SEP 1951

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 4th SEPTEMBER 1951. Port of BRISTOL No. 18386.Survey held at SHARPNESS. Date First Survey 25th JANUARY 1949. Last Survey 29 AUGUST 1951.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) TW. SC. M.V. CHRISTINA DAWN EX LCG(M)120.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) CONSTER. State Type of Erections FCLE. BRIDGE R.Q.D.

TONNAGE under 220.39.
Tonnage Deck ...Do. of space or spaces
between Tonnage Dk.
and Upper Dk. -

Total 312.55

Gross Tonnage 163.35

Register Tonnage

CLASS A1

State if with freeboard YES
as condition of ClassLength from fore part of stem to after part of stern
post on summer L.W.L. See Sec. 3 (1a) L 145.25

Breadth (greatest moulded) B 22.0

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) D 11.0

1st Longitudinal Number (L x D) 1598. 1598.

2nd Numeral L x (B + D) 4793

Framing Depth "d," at middle of length. See
Sec. 3 (1d)Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keelDo. Long Bridge to
top of keel

Draught Moulded SUMMER 8'-9"

Built at DEPTFORD. LONDON.

Launched 1945. Yard No. -

Builders GENERAL STEAM NAV. CO.

Owners I. P. LANGFORD (SHIPPING) LTD

Managers VIKTOR. W. ROWLES & CO
(Where necessary to be entered in Reg. Book)

Residence GLOUCESTER

Port of Registry GLOUCESTER

If surveyed while building, afloat, in dry dock

AFLOAT AND IN DRY DOCK.

REGISTERED DIMENSIONS.

FEET

149.55'
22.20'
9.70'

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 Fams 22-78.	24"		Bracket Floors, Frame	3 1/2 2 1/2 5/16	
" " from 1/2 length amidships to Collision bulkhead.	21"		" " Reversed Frame	3 1/2 2 1/2 5/16	
" " in peaks	FP 21" A. 24"		" " Vertical Struts	53" MAX TO 1/4"	
IDE FRAMING.			Centre Girder, depth and thickness amidships	21" MIN 1/4"	
Frame Amidships, Angle, A or B	3 1/2 2 1/2 5/16		" " top Angles	2 1/2 2 1/2 5/16	
" " Extends up to UPPER DECK			" " bottom Angles	3 3 5/16	
Reversed Frame Amidships, Angle	3 2 1/2 5/16		Side Girders, No. each side and thickness ONE	1/4"	
" " Extends up to UPPER DECK			Margin Plate depth (excl. of flange) and thickness AFTER HOLD	18 1/4"	
Depth of Framing Girder			" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	2 1/2 2 1/2 1/4"	
Frames in BRIDGE			" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	-	
Frames in Uppermost Continuous 'tween Decks, Angle, A or B	3 1/2 3 5/16		" " Gussets, spacing and scantling abaft 1/2 len. from stem	-	
" " Second 'tween Decks, Angle, C or D	-		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	-	
" " Third	-		Tank Side Brackets, height above base line at toe of Frame and thickness	52 1/4"	
" " from 1/2 len. for'd. to 15% len. from Stem	3 1/2 2 1/2 5/16		INNER BOTTOM PLATING.		
" " in Peaks, Angle or A	3 1/2 2 1/2 5/16		Breadth and thickness of Middle Line Strake	90 1/4"	
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	5/8 AT 3' 8"		Thickness of remainder in Holds AFT.	1/4"	
State if Frame Joggled	IN WAY OF KEEL		Are Rule requirements complied with regard- ing increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	AS APPROVED	
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?	AS APPROVED		Uppermost Continuous Deck, amidships	3 1/2 2 1/2 5/16	
NGLE BOTTOM.			" " Wall, Angle, A or B	3 1/2 2 1/2 5/16	
Floors, Depth and thickness at mid-line in Holds FORWARD HOLD	12 3/16		" " in way of Bridge, Angle, A or B 41-55	24"	
Height of Brackets at side above base line at toe of frame	-		Spacing	24"	
Middle Line Keelson, on Floors, Angles, A or B DOVALE	2 1/2 2 1/2 5/16		A.Q.O.		
" " Through Plate or Inter- costal Plate	14 1/2 1/4		Second Deck, amidships, Angle, A or B 55-78	3 1/2 2 1/2 5/16	
" " Foundation Plate on Floors	-		Spacing	24"	
" " DOVALE Flat Plate Keel Angles	3 3 5/16		Third Deck, amidships, Angle, C or D	-	
Side Keelsons, No. each side ONE	14 1/2 AMIDSHIP		Spacing	-	
" " thickness of Intercoastal Plate	1/4"		Fourth Deck, amidships, Angle, C or D	-	
" " Angles ONE	2 1/2 2 1/2 1/4"		Spacing	-	
DOUBLE BOTTOM. FRAMES 55-69.			Poop Deck, Angle, C or D	-	
Solid Floors, thickness and spacing	-		Spacing	-	
" " Are Frame and Reversed Frame joggled? YES	IN WAY OF TANKS		Bridge Deck, Angle, A or B FRAMES 41-55	4 3/2 5/16	
Bracket Floors, breadth and thickness at middle line	3 1/2 12"		Spacing	24"	
" " breadth and thickness at margin plate	3 1/2 12"		Forecastle Deck, Angle, A or B	4 3/2 5/16	
			Spacing	21"	

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 ONE ON CENTRE LINE.				Stringer Plate, breadth and thickness in way of Bridge		1/4" PLATING	
" in 'tween Decks, Size and Spacing				Thickness of Plating abreast Deck openings in way of Wells		THROUGH OUT	
" " FORWARD HOLD.		2 AT 3" DIAM		Thickness of Plating abreast Deck openings in way of Bridge			
" " AFTER HOLD.		2 AT 3" DIAM.		Thickness of Plating within line of openings			
" " ENGINE ROOM.		2 AT 5" DIAM.		If Sheathed, material and thickness			
Centre Line Bulkhead. FORE END OF FORWARD HOLD		3 2 1/2 5/16		Third Deck.			
Stiffeners and Spacing				Stringer Plate, breadth and thickness		—	
Plating, thickness of SPACED 21"		1/4" PLATE		If Plated, state thickness			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck. FORE DECK.		1/4" PLATING		Stringer Plate, breadth and thickness		—	
Stringer Plate, breadth and thickness in Wells		THROUGH OUT.		If Plated, state thickness			
" " " " in way of Bridge		3 1/2 3 1/2 5/16		Poop Deck.			
" Angle in Wells				Stringer Plate, breadth and thickness		—	
Thickness of Plating abreast Deck openings in way of Wells		1/4" PLATE		Plating, Sheathing, material and thickness			
Thickness of Plating abreast Deck openings in way of Bridge		DOUBLERS		Bridge Deck.			
Thickness of Plating within line of openings		FITTED AT BREAK OF BRIDGE P+S AT C/L.		Stringer Plate, breadth and thickness		1/4" PLATING	
If Sheathed, material and thickness		—		Plating, Sheathing, material and thickness		THROUGH OUT	
R.Q.D.				Forecastle Deck.			
Second Deck.		1/4"		Stringer Plate, breadth and thickness		1/4" PLATING	
Stringer Plate, breadth and thickness in Wells				Plating, Sheathing, material and thickness		THROUGH OUT	
						DOUBASTIC TO M.O.T. REQUIREMENTS.	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			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.	
Flat Plate Keel	49"	3/8"	3/8"	1/4"		SINGLE	5/8"	2 1/4"	TWO	5/8"	2 1/2"	LAPPED
" Dblg. (if any)	—											
Bottom Plating, No. of Strakes ONE	72"	1/4"	1/4"	1/4"		SINGLE	5/8"	2 1/4"	TWO	5/8"	2 1/2"	STRAPPED AND WELDED
Bilge Plating, No. of Strakes ONE	60"	1/4"	1/4"	1/4"		SINGLE	5/8"	2 1/4"	TWO	5/8"	2 1/2"	AMIDSHIP
Side Plating, No. of Strakes ONE	87"	1/4"	1/4"	1/4"		SINGLE	5/8"	2 1/4"	TWO	5/8"	2 1/2"	
Upper Deck, Sheer-strake in Wells	—											
Upper Deck, Sheer-strake in Bridge	—											
Strake below Sheer-strake in Wells	—											
Strake below Sheer-strake in Bridge	—											
Poop Side Plating	—											
Bridge Side Plating	84"	1/4"	—	—		SINGLE	5/8"	2 1/4"	TWO	5/8"	2 1/2"	LAPPED
Forecastle Side Plating	84"	—	1/4"	—		SINGLE	5/8"	2 1/4"	TWO	5/8"	2 1/2"	LAPPED

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) **FOUR.**

" Deck next below **—**

As per Rule **—**

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		FLAT PLATE		
STEM		3/8" PLATE		
STERN FRAME	Propeller Post			
	Rudder			
Speed of Vessel				
RUDDER—Type		SEMI BALANCED WITH TWIN		
" A x D.		SIDE MANOEUVRING RODDERS		
" Diam. of head		5" REDUCING TO 4" AT HEAD.		
" Mainpiece at top pintle				
" " heel				
" how constructed		FABRICATED AND WELDED.		
" double or single plate coupling		DOUBLE		
" horizontal		1 3/8" THICK 6-1 1/2 BOLTS.		

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, FRAME 41	1/4"	4x2 1/2x5/16	21" RIVETED.		
" " Second	1/4"	2 1/2x2 1/2x1/4	21" WELDED TOE ON.		
" " Third	—	2 1/2x2 1/2x1/4	21" WELDED TOE ON.		
" " Holds	—				
COLLISION " (in Hold) 10	1/4"	2 1/2x2 1/2x1/4	19 1/2-23 1/2		
AFTER PEAK " 74	1/4"	2 1/2x2 1/2x1/4	18-24"		

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

VESSEL ORIGINALLY CONSTRUCTED TO ADMIRALTY SPECIFICATION AND SURVEY.

Has the Steel been tested as required by the Rules?

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

CHAIN CABLES. *1 Grade up.*

of Cte.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size per rule.		Description.	Makers of Cables.	Where and when tested and Superintendent.
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.			
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.			
n Chain } al Wire }	15 ¹ / ₁₆	1	18	27	8 1 20		15	1	Stud Link		LPH CH 14.2.51
	15	1	18	27	8 0 20		15	1	do		H.P.
	15	1	18	27	8 1 12		15	1	do		do
	15	1	18	27	8 1 8		15	1	do		do
	15	1	18	27	8 1 20		15	1	do		do
	15 ¹ / ₁₆	1	18	27	8 1 4		15	1	do		do
	15	1	18	27	8 1 12		15	1	do		do
	15	1	18	27	8 2 6		15	1	do		do
	15	1	18	27	8 1 22		15	1	do		do
	15	1	18	27	8 0 10		15	1	do		do
	15 ¹ / ₁₆	1	18	27	8 0 14		15	1	do		LPH CH 22.2.49
									do		H.P.

165+

03502/3

In conjunction with the attention now carried out a Specials

ANCHORS. 26. 15.

HAWSERS AND WARPS.

Steering Gear, Type (Power 4 hand) BROWN BROS. ELECTRO-HYDRAULIC. TELEMOTOR CONTROL Alternative Means of Steering HAND FROM BRIDGE, AND
HAND OR HYDRAULIC IN FLAT.
Steering Chains (Size and Test) NONE ✓ Windlass ELECTRIC. THOMAS REID & SON. Boats. 2 - 16'-0" ✓
MOTOR 146911. LAURENCE SCOTT.
Ceiling in Holds, thickness and material FORWARD HOLD. 2" P.P. ✓ Cargo Battens, thickness, material and spacing NONE ✓
Cargo Hatchways.—(Upper Deck) NOS 1 + 2. RQD. N° 3. ✓ Thickness of Hatches 2 1/2" AND 3" P.P. ✓
Size of Hatchways No. 1 (Fwd.) 19'-3" x 11'-0". No. 2 24'-0" x 11'-0" No. 3 20'-0" x 11'-0" No. 4 — No. 5 — No. 6 —
Number of Shifting Beams } 3 AT EACH CARGO HATCHWAY. ✓ POLE MASTS ONLY. NO BERRICKS.
~~and/or Fore and Afters~~ } Signature _____

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

character assigned

A1 "with fairboard"
 7.51 Shp. "For Service U.K. Line excluding West Coast, Channel
 Lloyd's B & CP. Islands & Continent between River Elbe & Brest"
 S.S. Shp. 8.51. LMC 8.51 Oil Eng.
 Classed 8.51 Both S 8.50
 Converted 8.51 (with endorsement)

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.)

PLANS NOW FORWARDED.

- 1) PROFILE, DECKS + SECTIONS.
- 2) FOREPEAK BULKHEAD AND FRAMING DETAIL.
- 3) F.W. TANK AT AFTER END.
- 4) STEERING GEAR.
- 5) POLE MAST AND RIGGING.

PARTICULARS OF ELECTRIC WELDING (if employed) DECKS, BULKHEADS, TANKTOPS.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book
FOR SERVICE U.K. EIRE. (EXCLUDING WEST COAST) CHANNEL
ISLANDS AND CONTINENT BETWEEN RIVER ELBE + BREST.

RADAR Equipment (State if fitted) NO.

State Type or Pattern No.

State } Maker.....
Name } and/or.....
of } Supplier.....

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

1st Bower. S-O-9. D.F.P. 4165. 24-8-50 WASHINGTON STEEL FOUNDRIES.
2nd " 4-3-26 A.E.G. 1379 2-7-48 - do -
and STREAM. PREVIOUSLY TESTED UNDER LPH-CH. 52641.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. 40.5 ft., Bridge 28.0 ft., Forecastle 15.75

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated SEPARATE.

Official No. 182759. Signal Letters..... Extreme Breadth over Belting 22'-0" Over-all Length 162'-0"
(Circ. 1611) (Circ. 1703)

No. and Material of Decks ONE AND R.Q.D. STEEL

Parts of Bottom of Vessel coated with cement or approved composition SINGLE AND DOUBLE BOTTOM. F.W. TANK.

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, <u>AFTER HOLD.</u>	<u>28.0</u>	<u>33</u>	Fore peak tank,	<u>14.0</u>	<u>15.</u>
Double bottom, under Engines and Boilers,	—	—	After peak tank,	—	—
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward, <u>DIESEL OIL BUNKERS.</u>	<u>12.0</u>	<u>22.6</u>
Double bottom, forward,	—	—	Other tanks, if fitted, <u>F.W. TANK IN DB AFT.</u>	<u>10.0</u>	<u>6.5</u>
Total length (if continuous) and Capacity	<u>28.0</u>	<u>33</u>	(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys
held while building

1949 JAN 25. NOV. 2, 9, 18, 29, DEC 19.

1950. JAN 17, 20. FEB. 1, 8, 24. MAR 20. APRIL 14 MAY 9, 11. JUNE 13, JULY 11, 27, AUG. 25, 30

SEPT. 5, 14. OCT 3. NOV. 29, DEC. 29.

1951. FEB 22. MAR 6. APRIL 27. JUNE 27. JULY 5, 20. AUG. 1, 9, 18, 29

Total No. of Visits 35.