

STEEL STEAMER OR MOTORSHIP.

Received at London Office

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 22-12-48

Port of CARDIFF

No. 262

Survey held at Cardiff

Date First Survey 23rd AugustLast Survey 1st November 1948

On the (State of Machinery fitted with or without Tonnage Openings)

Steamer "ST. Jessica"

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

Full Scantling

State Type of Erections P B + Fische

TONNAGE under Tonnage Deck ...

4510

CLASS 100A1.

State if with freeboard as condition of Class

No

Built at Hog Island Pa.

Launched 1918

Yard No.

Builders American Int. S.B. Corp.

Owners St. Quentin Shipping Co. Ltd.

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port of Registry Newport (Mon)

If surveyed while building, afloat, or in dry dock

afloat & in dry-dock

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

Total

4510

6420

3322

DIMENSIONS.

FEET

1

4.2

27.6

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 390-0

Breadth (greatest moulded)

B 54-0

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

D 32-0

1st Longitudinal Number (L x D)

21060

2nd Numeral L x (B + D)

33540

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

19-0

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

12.187

Do. Long Bridge to top of keel

9.75

Draught Moulded

24-8 3/4

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.
acing amidships	27" ✓		Bracket Floors, Frame	8" x 3 1/2" x 1/2" angles ✓
" from 1/2 length amidships to Collision bulkhead	27" ✓		" " Reversed Frame	do ✓
" in peaks	27" ✓		" " Vertical Struts	do ✓
ING.			Centre Girder, depth and thickness amidships	48" x 50" ✓
idships, Angle, [or]	12 x 3 1/2 x 43 1/2 ✓		" " top Angles	3 1/2 x 3 1/2 x 50 DBL ✓
" Extends up to upper deck and alternately to bridge 54" ✓			" " bottom Angles	4 x 4 x 68 DBL ✓
ate frames in bridge space	6 3 1/2 x 43 1/2 alternately ✓		Side Girders, No. each side and thickness	Two 38" ✓
Frame Amidships, Angle			Margin Plate depth (excl. of flange) and thickness	72 x 50 ✓
" Extends up to			" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 1/2 x 3 1/2 x 42 DBL ✓
Framing Girder	12 inches ✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	do ✓
in Uppermost Continuous 'tween Decks, Angle, [or]			" " Gussets, spacing and scantling abaft 1/2 len. from stem	flush Tank Top to shell ✓
Second 'tween Decks, Angle, [or]			" " 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	84 x 50 ✓
om 1/2 len. for'd. to 15% len. from Stem	10 3 1/2 x 36 channels ✓		INNER BOTTOM PLATING.	
Peaks, Angle	3 x 3 1/2 x 38 ✓		Breadth and thickness of Middle Line Strake	72 x 50 ✓
and Spacing of Rivets through Frame and Shell Plating amidships	7/8" rivets 7 diameters ✓		Thickness of remainder in Holds	0.437 ✓
Frame Joggled	not joggled ✓		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 ✓
scantlings and arrangements in the ng Area in accordance with the Rules r as approved?	yes ✓		BEAMS.	
scantlings and arrangements in way e Bottom Forward in accordance with rules and/or as approved?	yes ✓		Uppermost Continuous Deck, amidships in Wells, Angle, [or]	10 3 1/2 x 36 [✓
BOTTOM.			" " in way of Bridge, Angle, [or]	10 3 1/2 x 36 [✓
Depth and thickness at mid-line in Holds			Spacing	27" ✓
Height of Brackets at side above base line at toe of frame			Second Deck, amidships, Angle, [or]	12 3 1/2 x 38 [✓
Line Keelson, on Floors, Angles, [or]			Spacing	27" ✓
" " Through Plate or Inter-costal Plate			Third Deck, amidships, Angle, [or]	—
" " Foundation Plate on Floors			Spacing	—
" " Flat Plate Keel Angles			Fourth Deck, amidships, Angle, [or]	—
le Keelsons, No. each side			Spacing	—
" " thickness of Inter-costal Plate			Poop Deck, Angle, [or]	7 3 1/2 x 38 [✓
" " Angles			Spacing	27 x 24" (every frame) ✓
DOUBLE BOTTOM.			Bridge Deck, Angle, [or]	10 3 1/2 x 36 [✓
Solid Floors, thickness and spacing	38" every 3 rd frame ✓		Spacing	27" ✓
" " Are Frame and Reversed Frame joggled?	Not joggled ✓		Forecastle Deck, Angle, [or]	10 3 1/2 x 36 [✓
Bracket Floors, breadth and thickness at middle line	42 x 3/8 ✓		Spacing	27 x 24" (every frame) ✓
" " breadth and thickness at margin plate	72 x 3/8 ✓			

PILLARS AND DECKS.			
INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.
PILLARS, No. of Rows	one on each		
" in 'tween Decks, Size and Spacing	8' 7 1/2" H GIRDERS		
" " " " " "	on each side at hatch ends		
" " " " " "			
" in Holds	14' 13" 5" H GIRDERS		
" " " " " "	on each side at hatch ends		
Centre Line Bulkhead, Stiffeners and Spacing			
Plating, thickness of			
STRINGERS AND DECKS.			
Uppermost Continuous Deck, as now decked	72' x 56'	625' 0" 1/2	
Stringer Plate, breadth and thickness in Wells	72' x 56'	625' 0" 1/2	
" " " " in way of Bridge	72' x 56'	625' 0" 1/2	
" Angle in Wells	5' x 5' x 60'	625' 0" 1/2	
Thickness of Plating abreast Deck openings in way of Wells	1/4"	625' 0" 1/2	
Thickness of Plating abreast Deck openings in way of Bridge	5/8"	625' 0" 1/2	
Thickness of Plating within line of openings	28"	625' 0" 1/2	
If Sheathed, material and thickness	not sheathed		
Second Deck, Stringer Plate, breadth and thickness in Wells	72' x 46'	423' 0" 1/2	

SCANTLINGS.				RIVETING.			
AS IN VESSEL.				EDGES.			
ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.				BUTTS.			
STRAKES.	AMIDSHIPS.	FORWARD.	AFT.	State if jagged?	NO. OF ROWS OF RIVETS.	RIVETS.	STRAPPED LAPPED.
Flat Plate Keel	68"			Double	2R.	1/8" 2 1/2"	strapped
" Dblg. (if any)	57"			"	3	3/4"	"
Bottom Plating, No. of Strakes	69			"	4R.	3/4"	lapped
Bilge Plating, No. of Strakes	90			"	3R.	3/4"	strapped
Side Plating, No. of Strakes	72			"	3R.	3/4"	lapped
Upper Deck, Sheer-strake in Wells	72			"	2R.	3/4"	strapped
Upper Deck, Sheer-strake in Bridge	78			"	2R.	3/4"	do
Strake below Sheer-strake in Wells	72			"	4R.	"	lapped
Strake below Sheer-strake in Bridge	72			"	4R.	"	"
Poop Side Plating	72			"	3R.	3/4"	lapped
Bridge Side Plating	60			"	4R.	3/4"	"
Forecastle Side Plating	78			"	3R.	3/4"	lapped

WATERTIGHT BULKHEADS.				FORGINGS AND CASTINGS.			
ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.			
Total No. of W.T. BULKHEADS in Vessel—	8 (Collision & Fore & Aft)			KEEL, Bar	10 1/2" x 2 1/2"		
Extending to Upper Deck (Sec. 3 c)	8			STEM	10 1/2" x 2 1/2"		
" Deck next below	6			STERN FRAME	Propeller Post		
As per Rule	6			Rudder	Rudder		
STIFFENERS.				Speed of Vessel			
Plating Thickness.				Balanced			
VERTICAL.				A x D.			
SCANTLINGS.				Diam. of head			
SPACING.				Mainpiece at top pintle			
HORIZONTAL.				heel			
SCANTLINGS.				how constructed			
SPACING.				double or single plate			
MIDSHIP BULKHEAD, Upper 'tween decks				coupling, vertical or horizontal			
" " Second				Horizontal			
" " Third							
" " Holds							
COLLISION (in Hold)							
AFTER PEAK							
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)							
STEEL.							
Has the Steel been tested as required by the Rules?							

EQUIPMENT No. 35000				LETTER 2				ANCHORS.			
WEIGHT, EX. STOCK.				TEST, PER CERTIFICATE.				Description of Anchor.			
Cwts. qrs. lbs.				Cwts. qrs. lbs.				Stainless			
6925 1/2				7600 1/2				Balest (usa) Pittsburgh			
2nd				3rd				do			
Collective weight				3025 1/2				do			
Stream				1240 1/2				do			

CHAIN CABLES.				HAWSERS AND WARPS.			
WEIGHT OF CHAIN CABLE.				Length and Size supplied.			
Length and size supplied.				Length and size supplied.			
Diam.				Diam.			
Tons.				Tons.			
Cwts.				Cwts.			
Per Rule.				Per Rule.			
Length and size supplied.				Length and size supplied.			
Diam.				Diam.			
Tons.				Tons.			
Cwts.				Cwts.			
Per Rule.				Per Rule.			
Length and size supplied.				Length and size supplied.			
Diam.				Diam.			
Tons.				Tons.			
Cwts.				Cwts.			
Per Rule.				Per Rule.			

Alternative Means of Steering			
Hand gear			
Boats			
Windlass			
Cargo Battsens, thickness, material and spacing			
Thickness of Hatches			
No. 1			
No. 2			
No. 3			
No. 4			
No. 5			
No. 6			
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			
(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 was built under the special supervision of the American Bureau and classed with that Society. A special survey has now been held (see Report 8) and the vessels condition and standard of workmanship are considered to be good and satisfactory. Oil fuel is carried in the double bottom tanks Nos. 1, 2, 3, 4, 5, 6 and in the Settling Tanks forward of the Boiler Room. Flash Point above 150°F.

Fees applied for.			
The amount of Entry Fee			
Special Survey Fee			
Travelling Expenses, if any			
State whether the Vessel has been built under Special Survey			
Certificate to be sent to			
Committee's Minute			
Character assigned			
Date of issue			
Signature			
Surveyor to Lloyd's Register of Shipping.			

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.)

PARTICULARS OF ELECTRIC WELDING (if employed)

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

RADAR Equipment (State if fitted)

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

2nd

3rd

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 50 ft., R.Q.D. — ft., Bridge 121 ft., Forecastle 40 ft.

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

Official No. 167432

Signal Letters GLRC

Extreme Breadth over Belting (Circ. 1611)

Over-all Length 401 (Circ. 1703)

No. and Material of Decks

Two 'steel

Parts of Bottom of Vessel coated with cement or approved composition

Cement in SR Double Bottom Tanks and in cofferdams.

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Double bottom, aft, 5H	79.50	306	Fore peak tank, FW		
Double bottom, under Engines and Boilers, (FW)	49.50	120	After peak tank, F.W.		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward, (N ^o 1, 2, 3, 4)	191.68	850	Other tanks, if fitted,		
Total length (if continuous) and Capacity	294.5	1276	(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building



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