With ~~or Without~~

Disconnected Erections.

STEEL STEAMER.

~~1~~ APR. 1918

Received at London Office .....

State if Report is also sent on the Machinery of the Vessel yes

Date of completion of report 13th March 1918 Port of Baltimore Md No. 2318

Survey held at Sparrows Point Md Date, First Survey 3rd Apl 1917 Last Survey 5th Mar 1918

On the (State if Single, Twin, or Triple Screw) Single Deck Steamer "Santore" Rig 3 Masted Schooner

Longitudinal Framing

RETAIN

TONNAGE under Tonnage Deck	6364·82
Do. between Tonnage Dk. and 3rd and 4th Dk.	✓
Total under Upper Dk.	6364·82
...Dk.	
... House	
...tle	
...on Dk.	
...f Hatchways	752·37
...wn of ... m ..	7117·19
...age	
...ace	
...own of ... m .. Fees ..	7117·19
...Room	
...on Spaces	2619·08
...nnage ...eam ..	4498·—

CLASS ✠ 100 A.1.

	FEET.
Breadth (greatest moulded)	57·10
Depth at middle of length from top of keel to top of upper deck beams at side	37·0
Transverse Number	94·0 ✓
Length on deck from fore part of stem to after part of stern post	450·0 ✓
Longitudinal Number	42300
Depth "d," at middle of length (See Secs. 2 & 13)	LONGD' FRAMING
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	12·16
" " Long Bridge Deck Beam at side to top of keel	✓

Master J. L. Wilson

Year of appointment (1) As Master in service of owner of present vessel:—1918 (2) As Master of this vessel MARCH 1918

Built at Sparrows Point Md

When built 1918 Launched 2nd Feby 1918

By whom built Bethlehem Shipbuilding Corpn Ltd Maryland Plant

Owners Ore Steamship Corpn

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

Residence 111 Broadway, New York City

Port belonging to New York

Destined Voyage Norfolk, Va. If Surveyed while Building, Afloat, or in Dry Dock yes

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
...on Deck ...ule	450	0	**BREADTH**— Moulded	57	0	**DEPTH, ACTUAL**—Top of Floors to top of Upper Dk. Beams			No. of Decks with flat laid one
						Do. do. do. do. Second Dk. Beams	37	37	No. of Tiers of Beams Longd Framed

...of Ship per Register, Length 449·1 breadth 57·2 depth 34·3. Moulded depth, ft. ✓ ins. ✓ To Bridge Dk. Round of Upper Dk. Beam, Actual RISE 15 ins.

Moulded depth, ft. 37 ins. 0 To Upper Dk.

FRAMING.

	Inches in Ship	Inches in Ship	Inches in Ship.	Inches per Rule Or as	Inches per Rule as Approved	Inches per Rule Approved.
~~Angles, or [or [Bars amidships~~						
...eaks ... BULB ANGLES	8	3½	48	8	3½	48
...way of Double Bottoms at Solid Floors...	3½	3½	44	3½	3½	44
" at intermdt. Bkts.						
...f Frames from centre to centre amidships						
" " " from ⅛ length to Collision bulkhead						
" " " in peaks		24			24	
...ED FRAME, Angles.....	3½	3½	44	3½	3½	44
...way of Double Bottoms at Solid Floors...	3½	3½	44	3½	3½	44
" at intermdt. Bkts.						
...G, depth of girder		8			8	
..., depth and thickness of Floor Plate at mid-line for ⅛ length amidships...	F 80		42	F 80		42
...way of Engine and Boiler Spaces	B 46		50	B 46		50
...ickness at the ends of vessel		38			38	
...pth at ⅛ the half breadth, as per Rule ...		✓			✓	
...ight extended at the Bilges		✓			✓	
...s in **Cell. Double Bottoms**.....		40			40	
... state if flanged (top & bottom).....		not			flanged	
... Spacing of Solid floors		66			66	
...GIRDER, in Dbl. bottom, dpth. & thicknss.	46		56	46		56
" Angles, Top	3½	3½	54	3½	3½	54
" " Bottom.....	6	6	60	6	6	60
" " to Floors	6	6	42	6	6	42
... Brackets at intermdt. frmg., wdth & thknss		✓			✓	
...IRDERS, number on each side & thickness	two		40	two		40
" state if flanged (top and bottom)		not			flanged	
" Angles (top and bottom)	3½	3½	40	3½	3½	40
" " to Floors.....	3½	3½	40	3½	3½	40
... PLATE, depth (exclusive of flange) and thickness (SIDE TANK)		40			40	
" Angle to Outside Plating.....	4	4	50	4	4	50
" " Floors	6	6	44	6	6	44
Brackets at intermdt. frmg., wdth & thknss		✓			✓	
Height of Outside Brackets above at bilge		✓			✓	
BOTTOM PLATING, breadth and thickness of **Middle Line Strake**	46		54	46		54
" " in Engine and Boiler space	F 54		B 56	F 54		B 56
" " Remainder in Holds.....		50			50	
~~Upper Deck,~~ Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel In way of Long Bridge						
Spacing						
...S, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
Spacing						
...S, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel Angles on upper edge						
" Spacing						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel.....						
" Angles on upper edge						
" Spacing						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel.....						
" Angles on upper edge						
" Spacing						

Longitudinal Framing

PILLARS.

	Inches. Size in Ship.	Inches. Spacing in Ship.	Inches per Rule. Or as	Inches per Rule. Approved.
PILLARS In 'tween Deck, size and spacing				
" " **Hold** " "				
" **Quarter 'tween Dks.,** " "				
" " **in Hold** " "				

Dup Webs

KEELSONS & STRINGERS.

	Inches in Ship	Inches in Ship	Inches in Ship.	Inches per Rule Or as	Inches per Rule as Approved	Inches per Rule Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate						
" Rider Plate.....						
" Flat Plate Keel Angles						
" Horizontal Plates on Floors						
" Angles or Bulb Angles						
SIDE KEELSONS, Number						
" Angles or Bulb Angles						
" Plate above floors, for ... length....						
" Intercostal Plate, for ... length						
" Attached to outside Plating with Angle ...						
BILGE KEELSON, Angles						
" Intercostal Plate for ... length						
" Attached to outside Plating with Angle ...						
SIDE STRINGERS, Number						
" " Angle						
" Intercostal Plate, for ... length ...						
" Attached to outside plating with Angle.....						

Longitudinal Framing

Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	54 × 1.00		54	1.00	
" " " " br'dth & thickness (in way of Bridge)	✓		✓		
" " " Angle (clear of Bridge) ...	8 × 8	.75	8 × 8	.75	
" " Tie Plate at sides of Hatchways.....	✓		✓		
" Deck.* ~~Iron~~ or Steel, for Full lng.	.875 to	36	.875 to	36	
" " Thickness (clear of Bridge)	✓		✓		
" " " (in way of Bridge)	✓		✓		
" Wood Deck. Material & thickness	✓		✓		
Second Deck Stringer Plate, br'dth & thickness	Recess		tanks		
" Angles on ditto, No.					
" Tie Plates outside Hatchways	plated &		stiffened		
" Deck.* Iron or Steel, for ... lng.					
" Wood Deck. Material & thickness	as per approved				
Third Deck Stringer Plate, br'dth & thickness	Midship		Section		
" Angles on ditto, No.					
" Tie Plates, outside Hatchways.....					
" Deck.* Material and thickness					
Fourth and Fifth Deck Stringer Plate, breadth & thickness					
" " " Angles on ditto, No.					
" " " Tie Plates outside Hatchways					
" " Deck. Material & thickness					
Poop Deck Stringer Plate, breadth & thickness	38	36	38	36	
" Angle on ditto	3½ × 3½	34	3½ × 3½	34	
" Tie Plates	12	36	12	36	
" Deck. Material and thickness Wood	4 × 3		4 × 3		
Bridge Deck Stringer Plate, br'dth & thickness					
" Angle on ditto.....					
" Tie Plates.....					
" Deck. Material and thickness					
Forecastle Deck Stringer Plate, b'dth & th'kns	36		36		
" Angle on ditto.....	3½ × 3½	34	3½ × 3½	34	
" Tie Plates	✓		✓		
" Deck. Material and thickness steel	36		36		

* Sheathed with wood ab 4 × 3 ½ P.

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

Form No. 1A. Im.11.16. T.

W1156 - 00161

WEB FRAMES.	Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing	Longitudinal Framing			
„ „ brdth. & thickness				
„ No of Side Stringers „ „				
WEB-FRAMES, In E. & B. Space, No. & spacing				
„ „ „ brdth. & thickness				
WEB-FRAMES, In After Body, No. and spacing				
„ „ „ brdth. & thickness				
„ No. of Side Stringers „ „				
„ Size of Face Angles to Web-Frames				
BRACKET PLATES to Stringers between Web Frames, depth and thickness				

FORGINGS or CASTINGS.	Inches in Ship	Inches per Rule, Or as Approved.
KEEL, Bar, depth and thickness	Flat Plate Keel.	
STEM, moulding and thickness	11 x 2 7/8	11 x 2 7/8
STERN-POST for Rudder do. do.	9 1/2 x 8 1/2	9 1/2 x 8 1/2
„ for Propeller	11 x 8 1/2	11 x 8 1/2
RUDDER—A×D* Table 22. Speed 10 Knots	182.5	270 W.C.
„ Main-Piece, diameter at head	12 1/2	12 1/2
„ „ „ at heel	10 5/8	10 5/8

RUDDER, how constructed: steel plate with forged arms

„ Thickness of Plates or Single Plate: 1.14

Can the Rudder be unshipped afloat? yes

BULKHEADS.	Number. Vessel.	Number. Per Rule.	Thickness. Inches.	Stiffeners. Horizontal. Size. Inches.	Stiffeners. Horizontal. Spacing. Inches.	Stiffeners. Vertical. Size. Inches.	Stiffeners. Vertical. Spacing. Inches.	Single or Double Frames.	Height up, state deck.
W.T. BULKHEADS	5	7	50 to 38	✓	✓	H section 24 x 8.97	37	SINGLE	UPPER Dk
O.T. BULKHEADS	2		50 to 48	as approved				SINGLE	UPPER Dk
„ COLLISION „	1	1	52 to 36	as approved				SINGLE	UPPER Dk
PARTITION „									
LONGITUDINAL „									

Are the outside Plates doubled two spaces of Frames in length? Efficient Brackets

Are the ~~Sluice Valves and~~ Watertight Doors in efficient working order? yes

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.? Cambria Steel Co., Pa.; Bethlehem Steel Co., Pa.; Phoenix Iron Co., Pa.

Has the Steel been tested as required by the Rules? yes

PLATING. / RIVETING.

Edges, Ordinary or Joggled? ORDINARY

STRAKES.	As in Ship Amidship Breadth (Inches)	As in Ship Amidship Thickness (Inches)	As in Ship Forward Thickness (Inches)	As in Ship Aft Thickness (Inches)	Per Rule or as Approved Amidship Breadth (Inches)	Per Rule or as Approved Amidship Thickness (Inches)	Edges Single or Double	Edges Breadth of Lap (Inches)	Edges Rivets Diam. (Inches)	Edges Rivets Spacing cr. to cr. (Inches)	Butts Double or Treble and for what Length	Butts Rivets Diam. (Inches)	Butts Rivets Spacing cr. to cr. (Inches)	Butts Straps Breadth (Inches)	Butts Straps Thickness (Inches)	If Lapped Breadth (Inches)	If Lapped For what Length (Feet)
FLAT PLATE KEEL (If Bar Keel, state Riveting.)	49	1.08	76	76	49	1.08	DOUBLE	6 3/4	1 1/8	4 1/2	QUINTUPLE 1/2 L	1 1/8	5			20 1/2	3/5 L
GARBOARD or A Strake	68	66	66	62		66	"	5 1/4	7/8	3 1/2	QUAD R 1/2 L	7/8	3 1/8			9	Full
B „	66	66	66	60		66	"	"	"	"	"	"	"			"	"
C „	61	66	66	52		66	"	"	"	"	"	"	"			"	"
D „	65	66	66	58		66	"	"	"	"	"	"	"			"	"
E „	65	66	66	62		66	"	"	"	"	"	"	"			"	"
F „																	
G „	72	66	66	62		66	DOUBLE	5 1/4	7/8	3 1/2	QUAD 1/2 L	7/8	3 1/8			9	Full
H „	63	66	46	50		66	"	"	"	"	TREBLE	"	"			"	"
J „	65	66	46	48		66	"	"	"	"	"	"	"			"	"
K „	65	66	46	46		66	"	"	"	"	"	"	"			"	"
L „	59	66	46	46		66	"	"	"	"	"	"	"			"	"
M „	70	66	46	46		66	"	"	"	"	"	"	"			"	"
N „																	
O „	58	85	52	56		85	DOUBLE	6	1	4	TREBLE 1/2 L	1	4	19	0.62 1.52		1/2 L
SHEERSTRAKE P „	51	1.00	52	52		1.00	"	6 3/4	1 1/8	4 1/2	"	1 1/8	4 1/2	21 1/2	0.68 1.64		1/2 L
Q „																	
R „																	
S „																	
T „																	
U „																	
V „																	
W „																	
TH'KNESS OF SH'RSTRKE CLEAR OF LONG BRIDGE																	
DO. OF STRAKE BELOW						✓											
DBLG. of Flat Plate Keel																	
„ Sheerstrakes Length and thickness.																	
POOP SIDES			40			40	SINGLE	3 & 3 1/2	7/8 & 1	3 1/2 & 4	DOUBLE	3/4	2 5/8	✓	✓	5	Full
SHORT BRIDGE SIDES																	
FORECASTLE SIDES			44	✓		44	SINGLE	2 1/2	3/4	3	DOUBLE	3/4	2 5/8	✓	✓	5	Full

State actual thickness in way of Double Bottom.

Write "Bridge Sheer Strake" and "Upper Deck Sheer Strake" opposite the corresponding letter.

The plates attached to the Stern post are of the same thickness as the same strakes amidship

The midship thickness of the "A" "B" & "C" "D" & "E" strakes maintained to the Collision Bulkhead.

The Boss plates are .80 in thickness

The sheerstrake doubled for 23'0" in way of Poop front BH'd with .85 plate

* Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

Upper Deck Stringer Plate { **Butts,** 3R riveted for 1/2 length amidship. **Straps,** ~~single~~, double ~~or overlapped~~ for 1/2 length amidship.

Second Deck Stringer Plate { **Butts,** ✓ riveted for ✓ length amidship. **Straps,** single or overlapped for ✓ length amidship.

Seams 2R alongside hatches and in way of deep tank 1R at ends

Butts of Side Stringers Longitudinal Framing riveted.

„ **Tie Plates** ✓ riveted.

Inner Bottom Plating, riveting of **Edges** 2R **Butts** 3R

Centre Girder Butts, 3R riveted. **Keelson Butts,** ✓ riveted.

Frames, riveted through Plates with ✓ in. Rivets, about ✓ apart.

Rivets, state whether Iron or Steel: Steel

FRAMES extend in one length from to State if ordinary or joggled

REVERSED FRAMES on floors and frames extend from (Longitudinal Framing) State if ordinary or joggled

MASTS, SPARS, &c.

	Material.	Total Length.	Diameter and Thickness. At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	Angles. Number.	Angles. Size.	Riveting. Seams.	Riveting. Butts.
LOWER MASTS Fore	Steel	78'6	24	24	16 5/8	12	Two	✓	✓	S.R.	T.R. STRAPS
Main	"	79'0	D°	D°	D°	D°	D°	✓	✓	✓	D°
Mizen	"	79'0	D°	D°	D°	D°	D°	✓	✓	✓	D°
Bowsprit											

Topmasts, Yards and Remainder of **Spars** Y. Pine

Rigging, Material and Size, **Shrouds** Galv. steel wire 3 @ 1 1/4 diam. **Stays** Galv. steel wire 1 3/4 & 1 1/4 diam.

Sails. ✓ Suit of ✓ Sails, and the following spare sails ✓

Form No. 1A.

EQUIPMENT No. 43270 **LETTER** C+ **ANCHORS.** **TONNAGE U. DK. OR PLATING No. FOR TRAWLERS**

Number of Certificate.	Anchors.	Weight, Ex. Stock Cwts.	qrs.	lbs.	Weight of Stock Cwts.	qrs.	lbs.	Test, per Certificate Tons.	cwts.	qrs.	lbs.	Weight Required by Table 31. Cwts.	qrs.	lbs.	Description of Anchor (If Patent state Name of Patentee)	Makers.	Where and when tested and Superintendent. (If Stockless, state Mechanical Tests)
3499	1st Bower	77	2	20	Stockless			57	8	3	0	77	0	0	Baldt	Baldt Anchor Coy	Chester Pa 9-11-16 W Craig
3498	2nd „	77	1	3		do		57	8	3	0	77	0	0	do	do	do 9-11-16 W Craig
3502	3rd „	65	2	19		do		51	7	2	0	65	2	0	do	do.	do 9-11-16 W Craig
	4th „																
	Collective weight.	220	2	14								219	2	0			
5918	Stream	22	0	1	5	3	1	22	7	2	0	22	0	0	Common	Baldt Anchor Co	Chester Pa 21-12-17 W Booth
3751	Kedge	9	2	26	2	3	2	11	15	2	14	10	0	0	do	do	do 8-1-17 J Shannon

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

- 1st Bower 77-2-20. W.C. 3499. 9-11-16
- 2nd „ 77-1-3. W.C. 3498. 9-11-16
- 3rd „ 65-2-19. W.C. 3502. 9-11-16
- 4th „

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. qrs. lbs)	Length and Size per Table 31. Length. (Fathoms)	Diam. (Ins.)	Description.	Makers of Cables.	Where and when tested, and Superintendent.
1103	300	2 7/16	100 %	149 3/8	932-0-01						
442	4 End 18 Joining	SHACKLE	D°	D°	28-2-22	890-1-14	300	2 7/16	Stud	The American Chain Co	Columbus O. 20-11-17
										D°	D° 17-11-17 J. F. Carlinson
~~Iron Stream Chain or~~ FLEX Steel Wire	120	5 (Cir.)		73			120	5 (Cir.)	FLEX	J. A. Roebling's Sons	Trenton N.J.

HAWSERS AND WARPS.

Material	Length and Size supplied. Length. (Fathoms)	Cir. (Ins.)	Breaking Test of Steel Wire Towline. (Tons)	Length and Size per Table 31. Length. (Fathoms)	Cir. (Ins.)
TOWLINE FLEX	130	5 1/4	95 1/2	130	7 1/2
HAWSERS & WARPS	100	8	Manila	100	8
„ „	100	8	"	100	8
„ „	100	8	"	100	8
	100	8	"	100	8

Boats 4 lifeboats and 1 work boat **Steering Gear, Steam** S. L. Moore Sons Corpn **Steering Gear, Hand** S. L. Moore Sons Corpn

Pumps, Number Rumsey (double acting) Diameter of Barrel ✓ State whether they are in efficient working order yes

Windlass is of steam by S. L. Moore Son Corpn **Capstans** of steam by S. L. Moore Sons Corpn

Engine Room Skylights.—How constructed? of steel plates & angles What arrangements for deadlights in bad weather? bulls eyes

Coal Bunker Openings.—How constructed? steel plates & angles How are lids secured? Tarpaulins & cleats Height above deck? 18"

Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** 7 scuppers each side and 16 freeing ports 4'0" x 1'0"

Ceiling in Holds, thickness and material 2" Y. Pine **Cargo Battens,** thickness and material ✗

Cargo Hatchways.—How formed? steel plates & angles etc **Hatches,** if strong and efficient? yes

State size **No. 1 Hatch** (Forward) 33'0" x 26'0" **No. 2 & 3 Hatch** 37'0" x 33'0" **No. 4 & 5 Hatch** 39'0" x 37'0" **No. 6 Hatch** 33'0" x 37'0"

Number of **Web Plates, Shifting Beams** and **Fore** and **Afters** to each Hatch Hogg Carr patent steel plate hatch covers constructed and stiffened as approved **No. of Breasthooks** steel longitudinal **No. of Crutches** ✓

Bulwarks, height above deck and description 3'0" x .35 steel plate, with 6 x 3 x .375 B.A. stays Main Rail, material and size 6 x 3 1/2 x .35 bulb angle

The foregoing is a correct description.

BETHLEHEM SHIPBUILDING CORP., LTD.
SPARROWS POINT PLANT

Builder's Signature (here only) Geo. Atherton
ASS'T GENERAL MANAGER

Surveyor's Signature David Millar
Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made in any correspondence connected with the case*)
M. 1/2/17. 24/5/16. 10/7/17. 16/8/16. 30/8/16. 13/9/16. 18/11/16. 28/11/16.

Workmanship. Are the butts of plating planed or otherwise fitted? yes

Is the riveted work properly closed? yes

Are the liners between the frames and plates solid single pieces? yes Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? yes Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? yes Do any rivets break into or through the seams or butts of the plating? a few

Are the butts of Plating, Stringers, &c., properly shifted and strapped? yes

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? yes State results of tests satisfactory

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? yes State results of tests satisfactory

General Remarks (State quality of workmanship, &c.) This vessel has been built in accordance with the approved plans, the Secretary's letters above mentioned, also in accordance with the Society's rules.

The workmanship and material are satisfactory. The double bottom tanks and Fore and After Peak tanks have been tested with water and found satisfactory. The deep tank has been tested with water to a height of 12 ft above the top of hatches and found satisfactory. The side tanks P. & S. also have been tested with water and found satisfactory.

The vessel fitted with wireless telegraphy

This is a sister vessel to the Hull No 166 now building and sister vessel to the "Cubore" Balto. report No 2176 and "Feltore" Balto. report No 2211

(Copies of approved plans at Your office)

The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.

	$ ¢
The amount of Entry Fee	25.00
Special Survey Fee	1045.23
Travelling Expenses, if any	8.00
" " N. York	2.39

Fees applied for, 1918 — Received by me, April 1918 — 9/5/18

Certificate to be sent to Baltimore Md. *Date of issue* 23/4/18 N.Y.K.

State whether the Vessel has been built under Special Survey yes — CARGO BATTENS NOT FITTED

I am of opinion this Vessel should be Classed 100 A1 Longitudinal framing

With, or without Freeboard, as condition of Class without

David Millar
Surveyor to Lloyd's Register of Shipping.

Committee's Minute New York MAR 19 1918

Character assigned +100A1 + LMC 2.18

note:- Eqpt. Lr. C+
A.C.P.
Mchy aft
No cargo battens
F.D.
Elec. Light
Longl. frame.

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

W1156 - 0010 3/3

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS. In Ship.			ENDS. In Ship.			AMIDSHIPS. Per Rule or as approved.			ENDS. Per Rule or as approved.			RIVETING. Rivets in Longitudinl. Frames. Diam. Ins.	Spacing Ins.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads. Number.	Diameter. Inches.
Framing of L, L or C																		
Frames in Bridge 'tween Decks																		
Frames from Uppermost Continuous Deck	No. 1	7	3½	38	7	3½	38	7	3½	38	7	3½	38	1	6	1" Rivets 6 Diar	6	⅞
Framing from Awning, Shelter or Upper Deck to Margin Plate.	„ 2	7	3½	38	7	3½	38	7	3½	38	7	3½	38	"	"	5 Diar	8	"
	„ 3	7	3½	38	7	3½	38	7	3½	38	7	3½	38	"	"	5 Diar	8	"
	„ 4	7	3½	38	7	3½	38	7	3½	38	7	3½	38	⅞	5¼	⅞ 5 Diar 6 Diar	9	"
	„ 5	7	3½	40	7	3½	40	7	3½	40	7	3½	40	"	4⅜	⅞ 5 Diar	11	"
	„ 6	7	3½	40	7	3½	40	7	3½	40	7	3½	40	"	"	— 5 Diar — 5 Diar	11	"
	„ 7	8	3½	40	8	3½	40	8	3½	40	8	3½	40	"	"	— 5 Diar — 5 Diar	16	"
	„ 8	8	3½	40	8	3½	40	8	3½	40	8	3½	40	"	"	— 5 Diar — 5 Diar	18	"
	„ 9	10	3½	38	10	3½	38	10	3½	38	10	3½	38	"	"	— 5 Diar — 5 Diar	20	"
	„ 10	10	3½	40	10	3½	40	10	3½	40	10	3½	40	"	"	— 5 Diar — 5 Diar	20	"
	„ 11	10	3½	46	10	3½	46	10	3½	46	10	3½	46	"	"	— 5 Diar — 5 Diar	20	"
	„ 12	10	3½	48	10	3½	48	10	3½	48	10	3½	48	"	"	— 5 Diar — 5 Diar	20	"
	„ 13	8	3½	40	8	3½	40	8	3½	40	8	3½	40	"	"	— 5 Diar — 5 Diar	20	"
	„ 14																	
	„ 15																	
	„ 16																	
Spacing of Longitudinal Frames	Amidships	25	To	30				25	To	30								
	At Ends				25	To	30				25	To	30					
Double Bottoms L, L or C	Tank Top Longitudinals	8	3½	40	8	3½	40	8	3½	40	8	3½	40	⅞	5¼	Double to bell for ⅗ length of bottom		
	Bottom „	8	3½	40	8	3½	40	8	3½	40	8	3½	40	"	"			
Spacing of Longitudinals	Amidships			30						30								
	At Ends				30	To	21				30	To	21					

Transverses.								Rivets in Lugs to Shell. Diam.	Spcng.	
Poop In ~~Bridge~~ 'tween Decks	Depth and Thickness			16	✓	38		16	38	
	Face Angles			6	3½	50		6	3½	50	⅞	6¼
	Lugs to Shell *~~Joggled~~			3½	3½	40		3½	3½	40	⅞	5¼
In Awning, Shelter or Upper 'tween Decks.	Depth and Thickness	✓		✓		✓		✓		
	Face Angles	✓		✓		✓		✓		
	Lugs to Shell*	✓		✓		✓		✓		
In Hold.	Depth and Thickness	As approved midship section — in the side tanks, with double lugs to shell to height of the N°9 longitudinal and double lugs to shell to top of side tanks forward of the ⅗ L.								
	Face Angles									
	Lugs to Shell*									
	Brackets									
Spacing of Transverse Frames	11'-0" for ⅗ length to 8'-10" at ends and as approved									

* State if joggled or liners.

Longitudinal Beams of L, L or C		Spacing.	Transverse Beams.	In Ships. Plate.	In Ships. Angles.	As approved. Plate.	As approved. Angles.
	Bridge Deck			✓	✓	✓	✓
	Awg. or Shltr. Dk.			✓	✓ CHANNEL	✓	✓ CHANNEL
	Upper „	22½ to 37		2H × 44	8 × 3½ × 40	2H × 44	8 × 3½ × 40
	Second „	and as per approved Section at the Lateral ends for the transverse beams					
	Third						

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

5c.12.15.—T.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 105·5 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 39·25 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

✓

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (*this information is to be given as it should appear in the Register Book*) 1 Dk. steel. 2 Int Bkhds dispensed with. 5 Bkhds only

Official No. 216009 ; Signal Letters L.J.R.N. State if Machinery is fitted aft yes

How are the surfaces preserved from oxidation ? Inside cement & paint Outside paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors Cell DB.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓	✓
Double bottom, under Engines and Boilers, FEED WATER	57·5	150
Double bottom, if under Engines only,	✓	✓
Double bottom, if under Boilers only,	✓	✓
Double bottom, forward,	319·5	1472
Total capacity of double bottom		1622

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Fore peak tank,		396
After peak tank,		213
Deep tank, aft, AT PRESENT USED AS COAL BUNKER		1230
Deep tank, forward,		✓
Other tanks, if fitted, SIDE TANKS Nos 1-2+3 P&S		1950
(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules yes

Order for Special Survey No. 44

Date 13th Oct 1916

No. 165 in builder's yard.

Dates of Surveys held while building

1917 Apl 5-10-19-26 May 2-31. June 7. 13 July 5. 10. 12. 19. 25. 30. Aug 1. 7. 9. Sept 5. 10. 13. 20. 27 Oct 3. 5. 12. 19. 24. Nov 1. 5. 10. 13. 19. 26. Dec 7. 10. 11. 12. 24. 31. 1918 Jan 2. 7. 11. 16. 23. 31. Feb 4. 11. 18. Mar 1. 25.

Total No. of Visits 52

Surveyor's Signature David Millar