With ~~or Without~~

Disconnected Erections.

STEEL STEAMER.

Received at London Office JUL. 9 – 1919

State if Report is also sent on the Machinery of the Vessel Yes.

Date of completion of report 3rd July 1919 Port of Greenock

Survey held at Port Glasgow & Greenock Date, First Survey 1st May, 1918; Last Survey 1st July 1919 No. 17493.

On the (State if Single, Twin, or Triple Screw) Single Screw Steamer "SAINT BEDE" EX "WAR MINK" Rig Schooner

CLASS ✠ 100 A1

	Feet.
Breadth (greatest moulded)	51.75
Depth, at middle of length from top of keel to top of upper deck beams at side	29.25
Transverse Number	81.00
Length on deck from fore part of stem to after part of stern post	385
Longitudinal Number	31185
Depth "d," at middle of length (See Secs. 2 & 13)	17.75
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	13.16
" " Long Bridge Deck Beam at side to top of keel	10.33

Destined Voyage ✓

Master J. Hill

Year of appointment (1) As Master in service of owner of present vessel:—1904 (2) As Master of this vessel 1919

Built at Port Glasgow

When built 1919 Launched 4th June 1919

By whom built Lithgows Limited

Owners The Saint Line Ltd

Managers Lankin Gilmour & Co Ld (Where necessary to be entered in Reg. Book.)

Residence Liverpool

Port belonging to Liverpool

If Surveyed while Building, Afloat, ~~or in Dry Dock~~

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.		
LENGTH on Deck as per Rule	385	✓	BREADTH—Moulded	51	9 ✓	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	26	10	No. of Decks with flat laid	2
						Do. do. do. do. Second Dk. Beams	18	10 ✓	No. of Tiers of Beams	2

Dimensions of Ship per Register, Length 384.9 breadth 52 depth 26.7 Moulded depth, ft. 37 ins. 3 To Bridge Dk. Moulded depth, ft. 29 ins. 3 To Upper Dk. Round of Upper Dk. Beam, Actual 13 ins.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.	
~~AME, Angles, or E or~~ [Bars amidships	9	3½	·62	9	3½	·62
Do. in peaks	7	3	·42	7	3½	·42
Do. in way of Double Bottoms at Solid Floors	3½	3½	·40	3½	3½	·40
" " ~~at intermdt. Bkts.~~						
cing of Frames from centre to centre amidships	26			26		
" " " " from ¾ length to Collision bulkhead	26			26		
" " " " in peaks	24			24		
VERSED FRAME, Angles						
Do. in way of Double Bottoms at Solid Floors	3½	3½	·40	3½	3½	·40
" " ~~at intermdt. Bkts.~~						
AMING, depth of girder						
OORS, ~~depth and thickness of Floor Plate at mid-line for ¾ length amidships~~						
" in way of Engine and Boiler Spaces	℄ 40	ℬ	·50	℄ 40	ℬ	·50
" ~~thickness at the ends of vessel~~						
" ~~depth at ¾ the half breadth, as per Rule~~						
" ~~height extended at the Bilges~~						
OORS in **Cell. Double Bottoms**			·40			·40
" ~~state if flanged (top & bottom)~~						
" Spacing of Solid floors	26			26		
NTRE GIRDER, in Dbl. bottom, dpth. & thicknss.	42		·50	42		·50
" " Angles, Top 2	3½	3½	·50	3½	3½	·50
" " " Bottom 2	5	5	·60	5	5	·60
" " " to Floors	5	5	·56	5	5	·56
" ~~Brackets at intermdt. frmg., wdth & thknss~~						
DE GIRDERS, number on each side & thickness	2		·38	2		·38
" " state if flanged (top and bottom)		Flanged at top				
" " Angles ~~(top and~~ bottom)	3½	3½	·40	3½	3½	·40
" " " to Floors	3	3	·40	3	3	·40
RGIN PLATE, depth (exclusive of flange) and thickness	46		·46	33		·46
" " Angle to Outside Plating	3½	3½	·46	3½	3½	·46
" " " Floors	5	3½	·40	5	3½	·40
" ~~Brackets at intermdt. frmg., wdth & thknss~~						
" Height of Outside Brackets above at bilge	24			24		
NER BOTTOM PLATING, breadth and thickness of **Middle Line Strake**	71		·48	71		·48
" " " in Engine and Boiler space	℄ ·48	ℬ	·56	℄ ·48	ℬ	·56
" " " Remainder in Holds			·40			·40
AMS, Upper Deck, ~~Single Angle,~~ Bulb Angle, ~~Plate, Tee Bulb, or Channel~~	7	3	·54	7	3	·54
" In way of Long Bridge	7	3	·54	7	3	·54
" Spacing	26			26		
AMS, Second Deck, ~~Single Angle, Bulb Angle, Plate, Tee Bulb, or~~ Channel	11	3½ 3½	·44	11	3½ 3½	·44
" Spacing	52	with reverse angles as per deck plan				
AMS, Third and Fourth Deck, ~~Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel~~						
" ~~Angles on upper edge~~						
" ~~Spacing~~						
AMS, Poop Deck, ~~Angle,~~ Bulb Angle, ~~Plate, Tee Bulb, or Channel~~	9	3½	·42	8½	3½	·48
" ~~Angles on upper edge~~						
" Spacing	alternate frames					
BEAMS, Bridge Deck, ~~Angle,~~ Bulb Angle, ~~Plate, Tee Bulb, or Channel~~	7	3	·40	7	3	·40
" ~~Angles on upper edge~~	with reverse angles as per deck plan					
" Spacing	26			26		
BEAMS, Forecastle Deck, ~~Angle,~~ Bulb Angle, ~~Plate, Tee Bulb, or Channel~~	9	3½	·44	8½	3½	·50
" ~~Angles on upper edge~~						
" Spacing	alternate frames					

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	2 rows of wide spaced pillars as per approved plan			
" " **Hold** " "				
" **Quarter 'tween Dks.,** " "				
" " **in Hold** " "				

~~KEELSONS &~~ STRINGERS.	Inches in Ship.	Inches in Ship	Inches in Ship.	Inches per Rule Or as	Inches per Rule 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 2 in fore hold only						
" " Angle	6	3½	·68	6½	3½	·60
" Intercostal Plate, for whole length			·42			·42
" Attached to outside plating with Angle		Flanged				
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	59		·64	59		·64
" " " " br'dth & thickness (in way of Bridge)			·48			·48
" " " Angle (clear of Bridge)	5	5	·68	5	5	·68
" " ~~Tie~~ Plate at sides of Hatchways			·05			·05
" Deck.* ~~Iron or~~ Steel, for whole lng.	at end 3		·04			·04
" " Thickness (clear of Bridge)			·44			·44
" " " (in way of Bridge)			·36			·36
" ~~Wood Deck. Material & thickness~~						
Second Deck Stringer Plate, br'dth & thickness	47		·46	47		·46
" Angles on ditto, No. 2 in way of bridge			·42			·42
" ~~Tie Plates outside Hatchways~~	3½	3½	·46	3½	3½	·46
" Deck.* ~~Iron or~~ Steel, for whole lng.			·34			·34
" ~~Wood Deck. Material & thickness~~						
~~**Third Deck Stringer Plate,** br'dth & thickness~~						
" ~~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	34		·34	34		·34
" Angle on ditto	3½	3½	·34	3½	3½	·34
" ~~Tie Plates~~						
" Deck. Material and thickness Steel	·25 and 2½ PP			·25		2½
Bridge Deck Stringer Plate, br'dth & thickness	53		·54	53		·54
" Angle on ditto	5	5	·58	5	5	·58
" ~~Tie Plates~~						
" Deck. Material and thickness Steel			·38			·38
Forecastle Deck Stringer Plate, b'dth & th'kns	34		·34	34		·34
" Angle on ditto	3½	3½	·34	3½	3½	·34
" ~~Tie Plates~~						
" Deck. Material and thickness Steel			·30			·30

* If Iron or Steel Deck, state if whole or part, and [illegible] deck is [illegible] thereon.

Form No. 1A.—2m,6,18. T.

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				
" " brdth. & thickness				
" ~~No. of Side Stringers~~ " "				
WEB-FRAMES, In E. & B. Space, No. & spacing	one		one	
" " brdth. & thickness	30	·48	30	·48
~~WEB-FRAMES, In After Body,~~ ~~No. and spacing~~				
" " ~~brdth. & thickness~~				
" ~~No. of Side Stringers~~ " "				
Size of Face Angles to **Web-Frames**	6	3½ ·48	6	3½ ·48
~~**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~~		
STEM, moulding and thickness	9 × 3 1/16	10 × 2¾
STERN-POST for Rudder do. do.	9 × 7½	9 × 7½
" for Propeller	10 × 7½	10 × 7½
RUDDER-A×D* Table 22. Speed	436·27 speed under 12 knots	
" **Main-Piece,** diameter at head	9½	9½
" " " at heel	7¼	7¼

RUDDER, how constructed built forging

" Thickness of Plates or Single Plate 1.10

Can the Rudder be unshipped afloat? 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.? Mild Steel

Barrow, Clydebridge, Clydesdale, Consett, Dalzell, Glasgow, Hallside, Lanarkshire, Motherwell, Port Talbot, Shimmingrove.

Has the Steel been tested as required by the Rules? 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.
After Peak	[illegible]	[illegible]	·38 ·26	Recess		7 3·40	24	high	up to [illegible]
W.T. BULKHEADS nos 40 to 68	[illegible]	[illegible]	·36 ·26			10 3½·44	24		
no 90	[illegible]	[illegible]	·36 ·26			10 3½·50	24		
" 104	[illegible]	[illegible]	·36 ·26			10 3½·50	24		
" 136	[illegible]	[illegible]	·36 ·26			10 3½·56			
" **COLLISION** 68	[illegible]	9	·38 ·26	2 pembroke		10 3½·50	24		
PARTITION "									
~~**LONGITUDINAL**~~ "									

Are the outside Plates doubled two spaces of Frames in length? brackets in lieu

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

PLATING.

STRAKES.	AS IN SHIP. Amidship. Breadth. Inches.	Amidship. Thickness. Inches.	Forward. Thickness. Inches.	Aft. Thickness. Inches.	PER RULE OR AS APPROVED. Amidship. Breadth. Inches.	Amidship. Thickness. Inches.
FLAT PLATE KEEL (Joins Frames at Bottom.)	47	·98	·70	·70	47	·98
GARBOARD or A Strake		·60	·48	·46		·60
B "		·63				·63
C "		·63	·46			·63
D "		·63				·63
E "		·63				·63
F "		·63	·44			·63
G "		·63	·44			·63
H "		·63				·63
J "		·63				·63
K "		·62				·62
Upper Deck Strake L "	46	·62		46		·62
M "		·62				·62
Bridge Deck Strake N "		·66				·66
O "						
P "						
Q "						
R "						
S "						
T "						
U "						
V "						
W "						
THEKNESS OF SHEERSTREK CLEAR OF LONG BRIDGE		·98				·98
DO. OF STRAKE BELOW		·72				·72
DBLG. of ~~Flat Plate Keel~~ " Sheerstrakes (Length and thickness.)	doubled at ends of bridge					
POOP SIDES			·38			·38
SHORT BRIDGE SIDES						
FORECASTLE SIDES			·40			·40

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

RIVETING.

	EDGES. Ordinary or Joggled? ordinary: Single or Double.	Breadth of Laps. Inches.	Rivets. Diam. Inches.	Spacing cr. to cr. Inches.	BUTTS. Double or Treble and for what Length.	Rivets. Diam. Inches.	Spacing cr. to cr. Inches.	Straps. Breadth. Inches.	Straps. Thickness. Inches.	If Lapped. Breadth. Inches.	If Lapped. For what Length. Feet.
	Double	6¼	1⅛	4⅙	4R 1-3R	1⅛	4			16	whole
		5¼	⅞	3¼	3R	⅞	3⅜			9	
					4R ½L		3½			12	
					4R to 3R						
					3R		3⅛			9	
					4R		3½			12	
	Double	6¾	1⅛	4⅙	5R ½L	1⅛	4¼			20	
					4R	1	4			14	
	Single	3	⅞ × ¾	3½ × 3	2R	¾	4⅝			5	

* 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** Quad riveted for ½ the clear of B; Treble in B and L at ends; **Straps,** ~~single, double~~ or overlapped for whole length ~~amidship~~.

Second Deck Stringer Plate — **Butts** Treble riveted for e and aft length ~~amidship~~; **Straps,** single or overlapped for whole length ~~amidship~~.

Butts of Side Stringers Treble riveted.

~~**Tie Plates**~~ " " e 8 riveted.

Inner Bottom Plating, riveting of **Edges** e 8 others 1R **Butts** e 8 3R to 2R, 2R to 1R

Centre Girder Butts, Treble riveted. **Keelson Butts,** riveted.

Frames, riveted through Plates with ⅞ in. Rivets, about 6¼ apart.

Rivets, state whether Iron or Steel Iron

FRAMES extend in one length from middle line to tank margin; State if ordinary or joggled: joggled except at ends

REVERSED FRAMES on floors ~~and frames~~ extend from m h to tank margin; State if ordinary or joggled: as in upper and second decks alternately pearfled frames above

MASTS, SPARS, &c.

		Material.	Total Length.	Diameter and Thickness. At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	Angles. Number.	Size.	Riveting. Seams.	Butts.
Lower Masts	Fore	Steel	51-0	26×·40	24×·40	–	23×·35	2	2	3 3·40	Single	Treble above P
	Main	"	54-6	"	"		–					
	~~Mizen~~											

~~Bowsprit.~~

Topmasts, ~~Yards~~ and Remainder of **Spars** fitch fine

Rigging, Material and Size, **Shrouds** S 8 W 3¼ **Stays** 4"

Sails. none ~~Suit of~~ ~~Sails, and the following spare sails~~

Form No. 1A

EQUIPMENT No. 32614 LETTER Y.V. ANCHORS. TONNAGE U.D.

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.
23879	1st Bower	60	2	0	Stockless			48	12	2	0	60	0	0	Stockless
23878	2nd "	60	1	14	–			48	12	2	0	60	0	0	–
23877	3rd "	51	0	14	–			43	1	2	7	50	2	0	–
	4th "														
	Collective weight.	172	0	0								170	2	0	
81311	Stream	16	1	2	4	1	3	17	14	0	7	16	1	0	Ordinary
81435	Kedge	7	1	0	2	0	8	9	9	1	14	7	0	0	–

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

	Cwts.			
1st Bower	34·56	C.E.H.	6808	11·2·19
2nd "	34·12	"	6809	21·2·19
3rd "	28·43	C.E.W.	484	24·12·18
4th "				

No. FOR TRAWLERS

Makers.	Where and when tested and Superintendent.
If Patent state Name of Patentee.	Fairfield Byers & Co Gld 12·3·19 L Haffie
– – –	" 11·3·19 " "
– – –	" 11·3·19 " "
	H Hingley & Sons Netta 8·4·19 H Green
– – –	" 28·4·19 " "

If Steel state process, state Manufacturer's Name.

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.
66105	105	2 3/16	86⅓	120 5/16	254 0 20	645 3 0	270	2 3/16	Studless	H Hingley & Sons Netta 28·4·19	H Green
66106	30	–	–	–	72 0 19				–	– – –	– – –
66107	30	–	–	–	72 0 19				–	– – –	– – –
68534	105	–	–	–	251 0 16				–	– – –	– – –
	270	Cir.			649 3 2						
Iron Stream Chain or Steel Wire	90	4¾	–	47	–	–	90	Cir. 4¾	2 3/4 W	Webster & Cole Gld 15/4/19	

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 S 8 W	120	4¾	47	120	4¾
"	2·90	2¾	15½	2·90	8·00 2¾
HAWSERS & WARPS Hemp	2·90	7	–	2·90	7
" "					
" "					

Boats 2 life and 2 others **Steering Gear, Steam** by J Hastie & Co Ltd **Steering Gear, Hand** steered by wire and tackle

Pumps, Number As per approved plan. H.P. to four feet the usual manual pump fitted in hold aft to be used after steam winch. Diameter of Barrel 4" State whether they are in efficient working order yes

Windlass is by Blaikie Chapman & Co Ltd **Capstan**

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

Coal Bunker Openings.—How constructed? of steel plates & angles How are lids secured? by bars & tarpaulins Height above deck? 30"

Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** 5 pen pipes and 6 freeing ports on each side

Ceiling in Holds, thickness and material 2½ w.p. oak limbers and **Cargo Battens,** thickness and material 2 w.p.

Cargo Hatchways.—How formed? of steel plates and angles **Hatches,** If strong and efficient? yes

State size **No. 1 Hatch** (Forward) 23·10 × 18 **No. 2 Hatch** 28·2 × 18 **No. 3 Hatch** 13 × 18 **No. 4 Hatch** 30·4 × 18 nos 1 & 18 5 in nos 2 & 4 2 in no 3

Number of **Web Plates, Shifting Beams** and **Fore** and **Afters** to each Hatch 4 web plates in nos 1 & 5 no fore & afters **No. of Breasthooks** 6 and deep floors **No. of Crutches** deep floors

Bulwarks, height above deck and description 5 ft to 4 ft of steel plate Main Rail, material and size 6 × 3 Oa

The foregoing is a correct description. *Surveyor's Signature* J Bennett

Builder's Signature (here only) Lithgows Ltd per J Wylie *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*) 6/2/18 m, 8/2/18 m, 15/2/18 m, 22/2/18 m, 25/4/18 m, 4/5/18 m, 14/5/18 m, 18/3/19 m, 27/6/19 m, 4/2/18 m

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

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.) The workmanship is good and the vessel has been built in accordance with the Rules and to the approved plans now forwarded

~~Sister vessel to~~

~~Ardrange, Ardash, Ardglenis, Ardgay, Ardlass, Ardorm, Ardgroom, Crosshill & Baltymore~~, 14844 17068 17095 17194 17239 17276 17312 17369 17406 17459

but with depth amidships increased 3" and deck parallel to keel for length of bridge

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 ..... £ 137 : 4 : 0 Fees, applied for, 2nd July 1919

~~Special Survey Fee~~ ..... £ 5 : 6 : 0 Received by me, 19

~~Travelling Expenses, if any~~ £ 16 : 5 : 0 pd 36 hrs 14/4 RSMC 18

State whether the Vessel has been built under Special Survey yes

I am of opinion this Vessel should be Classed ✱ 100 A1

~~With, or~~ without Freeboard, as condition of Class

Certificate to be sent to Greenock. *Date of Issue* 21/7/19.

J Bennett

Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 8 JUL 1919

Character assigned ✱ 100 A1 7/19 Lloyd's A & CL

+ L.M.C. 7/19

F.D.

The Surveyors are requested not to write on this side the Committee's minute.

0174 2/2

GENERAL REMARKS—(*continued*).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 49.44 ft., R.Q.D. ✓ ft., Bridge 112.66 ft., Forecastle 3

(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*

should appear in the Register Book) 2 Dks (Stl) ✓

Official No. 140637 ; Signal Letters ✓ ~~State if~~ Machinery is fitted amidships

How are the surfaces preserved from oxidation ? Inside by Portland cement and paint Outside by paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	117	308	Fore peak tank,		13
Double bottom, under Engines and Boilers,	41.16		After peak tank,		2
Double bottom, tank under Engines only,		87	~~Deep tank, aft,~~		
~~Double bottom, if under Boilers only,~~			~~Deep tank, forward,~~		
Double bottom, forward,	173.33	590	~~Other tanks, if fitted,~~		
	Total capacity of double bottom	985	(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

331.49

Order for Special Survey No. 2940.

Date 23rd Feby., 1918.

No. 723 in builder's yard.

Dates of Surveys held while building: (1918). May 1. 16. 24. 31. June 17. 21. 24. 26. July 1. 2. 19. 24. 29. Aug. 7. 15. 26. Sep. 26. Oct. 18. 15. 22. 28. Nov. 1. 8. 21. 25. Dec. 10. 24. (1919). Jan. 10. 21. 29. Feb. 7. 11. 24. March 11. Apl. 3. 22. 24. 30. May 6. 13. 14. 27. 29. 30. June 3. 23. 26. 27. 28. 30. July 1:—

Total No. of Visits

Surveyor's Signature J. Bennett