

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

No. 17576

Port of New York Date of completion of Report 6-10-19 Received at London Office Yes
 Survey held at Kearny, N.J. Date, First Survey 18 June Last Survey 3 October 1919
 On the (State if Single, Twin, or Triple Screw) Single Steel Screw Str. BELLEMINA Rig F & A Schooner.

TONNAGE under 5579.35
 Tonnage Deck...
 Do. between Tonnage Dk. and ✓
 3rd, 4th, or Awning Dk.
 Total under Upper Dk. 5579.35
 Do. of Poop 162.85
 Do. of R. Qr. Dk. ✓
 Do. of Bridge House 418.31
 Do. of Forecastle 38.86
 Do. of Houses on Deck 232.84
 Do. of excess of Hatchways 18.10
 Do. above Crown of 67.09
 Engine Room...
 Gross Tonnage 6517.40
 Less Crew Space 299.47
 Less above Crown of 67.09
 Engine Room...
 Tonnage for Fees...
 Less Engine Room 2085.56
 Less Navigation Spaces 67.62
 Mastur Spaces 18.91
 Register Tonnage 4045.00
 as cut on Beam...

CLASS +100A1-Shell Dk. with Tub. Long Framing FEET.
 Breadth (greatest moulded) 55'-0"
 Depth, at middle of length from top of keel to top of 34'-11"
 beams at side of uppermost Continuous Deck...
 Deduct height of 'tween deck when this does not exceed 8ft. 7'-11"
 Transverse Number 55+27 = 82.00
 Length on deck from fore part of stem to after part of 395.50
 sternpost...
 Longitudinal Number 8.2 x 395.50 = 32431
 Depth "d" at middle of length. See Secs. 2 & 13... 22'-3"
 Proportions, Depths to Length, Uppermost Continuous 11'-33"
 Deck at side to top of keel Shelter Dk.
 " " " BR Deck at side
 to top of keel... 9'-32"

Master Ellis
 Year of Appointment 1919
 Built at KEARNY, N.J.
 When built 1919 Launched 13-9-1919
 By whom built Federal Shipbuilding Co.
 Owners U.S. Shipping Board E. F. Corp.
 Managers do. do. do.
 (Where necessary to be entered in Reg. Book.)
 Residence Philadelphia, Pa.
 Port belonging to KEARNY, N.J.

Destined Voyage Norfolk Va. to Argentina Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL—Top of Floors to top of	Ft.	Ins.	No. of Decks with flat laid
	395	6		55	0	Shelter Dk. Beams	31	8	2
						Upper Deck Beams	22	9	
Dimensions of Ship per Register,						Moulded depth, ft. 34 ins. 11		To Awning or Shelter Dk.	
Length 395.5 breadth 55.0 depth 22.5						Upper Deck.		Moulded depth, ft. 27 ins. 0 To Upper Dk.	
						Round up of Uppermost Dk. Beam, Actual		12 ins.	
FRAMING.						PILLARS.			
FRAME, Angles, or [or L Bars, amidships						PILLARS, In 'tween Deck, size and spacing			
Do. in peaks . <i>Aft. Pk. B. Angs.</i>						" " Hold			
Do. in way of Double Bottoms at Solid Floors						" Quarter, 'tween Dks., <i>as per profile</i>			
" " " at intermdt. Bkts.						" " in Hold " " "			
Spacing of Frames from centre to centre amidships						KEELSONS AND STRINGERS.			
" length to collision bulkhead						CENTRE LINE KEELSON, Vertical Plate above			
" of Frames from centre to centre in peaks <i>Aft. Pk.</i>						" Rider Plate			
REVERSED FRAME, Angles						" Flat Keel Plate Angles			
Do. in way of Double bottoms at Solid Floors						" Horizontal Plates on Floors			
" " " at intermdt. Bkts.						" Angles or Bulb Angles			
FRAMING, depth of girder						SIDE KEELSONS, Number			
FLOORS, depth and thickness of Floor Plate						" Angles or Bulb Angles			
" at mid-line for 1/2 length amidships						" Plate above floors, for length			
" in way of Engine and Boiler spaces						" Intercoastal Plate, for length			
" thickness at the ends of vessel						" Attached to outside plating with Angle			
" depth at 1/2 the half-bdth. as per Rule						BILGE KEELSON, Angles			
" height extended at the Bilges						" Intercoastal Plate, for length			
FLOORS, in Cell Double Bottoms <i>51"</i>						" Attached to outside plating with Angle			
" state if flanged (top and bottom) <i>No.</i>						SIDE STRINGERS, Number			
" spacing of Solid <i>5'-3" and as per profile.</i>						" Angle			
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness						" Intercoastal Plate, for lng.			
" Angles, Top <i>3 1/2 x 3 1/2 - 50 - 625BR</i>						" Attached to outside plating with Angle			
" Bottom <i>4 x 4 - 6875 - 5625</i>						Awning or Shelter Deck Stringer Plates, {			
" to Floors <i>6 6 - 4375 - 6 6 - 4375</i>						" breadth and thickness			
" Brackets at intermdt. frmg., width & thkns						" Angle on ditto			
SIDE GIRDERS, number and thickness <i>2</i>						" Tie Plates, fore and aft, outside Hatchways			
" state if flanged (top & bottom) <i>No.</i>						" Deck * Iron Steel, for <i>Whole</i> lng.			
" Angles <i>3 x 3 - 4375 - 50BR 3 x 3 - 4375 - 50BR</i>						" Wood Deck, Material & thickness			
MARGIN PLATE, depth (exclusive of flange)						Upper Deck Stringer Plate, breadth and			
<i>Straight Sec. Mid. Sec.</i> and thickness						" thickness			
" Angles to outside plating <i>4 x 4 - 50 - 625BR 4 x 4 - 50 - 625BR</i>						" Angles on ditto, No. <i>as per profile</i>			
" to floors <i>3 1/2 3 1/2 - 4375 3 1/2 3 1/2 - 4375</i>						" Tie Plates, outside Hatchways			
" Brackets at intermdt. frmg., width & thkns						" Deck * Iron Steel, for <i>Whole</i> lng.			
" Height of Brackets above at bilge <i>as per mid. section.</i>						" Wood Deck, Material & thickness			
INNER BOTTOM PLATING, breadth and						Second Deck Stringer Plates, br'dth & thckn's			
thickness of Middle Line Strake						" Angles on ditto, No.			
" thickness in Engine and Boiler space <i>48E 56BR 48E 56BR</i>						" Tie Plates, outside Hatchways			
" Remainder in Holds <i>40 to 36 40 to 36</i>						" Deck * Material and thickness			
BEAMS, Awng or Shlter Dk, Single Angle, {						Third, Fourth & Fifth Deck Stringer Plate, {			
Bulb Angle, Plate, Tee Bulb or Channel						" breadth and thickness			
<i>24 3/8</i> Spacing <i>at after end only Chans.</i>						" Angles on ditto, No.			
BEAMS, Upper Deck, Single Angle, Bulb Angle, {						" Tie Plates, outside Hatchways			
Plate, Tee Bulb or Channel						" Deck, Material and thickness			
<i>24 3/8</i> Spacing <i>at after end only Chans.</i>						Poop Deck Stringer Plate, breadth & thickness			
BEAMS, Second, Third & Fourth Deck, Single {						" Angles on ditto			
Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Tie Plates			
" Angles on upper edge						" Deck, Material and thickness <i>Steel.</i>			
" Spacing						Bridge Deck Stringer Plate, br'dth & thickness			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, {						" Angle on ditto			
Tee Bulb or Channel						" Tie Plates			
" Angles on upper edge						" Deck, Material and thickness <i>Steel.</i>			
<i>24 3/8</i> Spacing <i>at after end only Chans.</i>						Forecastle Deck Stringer Plate, br'dth & th'kns			
BEAMS, Forecastle Deck, Angle, Bulb Angle, {						" Angle on ditto			
Plate, Tee Bulb or Channel						" Tie Plates			
" Angles on upper edge						" Deck, Material and thickness <i>Steel.</i>			
" Spacing						" Deck, Material and thickness			

Form No. 1B. WEB FRAMES. WEB-FRAMES, In Fore Body, No. and spacing. WEB-FRAMES, In E. & B. Space, No. & spacing. WEB-FRAMES, In After Body, No. and spacing. BULKHEADS. W.T. BULKHEADS. COLLISION PARTITION LONGITUDINAL. FORGINGS OR CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. do. RUDDER-A x D. RUDDER, how constructed. PLATING. STRAKES. RIVETING. EDGES. BUTTS. MASTS, SPARS, & C. LOWER MASTS. Bowsprit. Topmasts. Rigging. Sails.

EQUIPMENT No. 36464 LETTER Z. ANCHORS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Pumps. Windlass. Engine Room Skylights. Coal Bunker Openings. Ceiling in Holds. Cargo Hatchways. Bulwarks. Correspondence. Workmanship. Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Are the butts of plating, stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks. This Vessel has been built in accordance with the approved plans, and letters, addressed to the Builders, and in other respects in general conformity with the rules. The workmanship is good. The double bottom tanks and peaks have been constructed and fitted for the carriage of Fuel Oil. And the requirements of section 49 of the rules have been complied with. The Port and Star. Settling Tanks are dispensed with on this vessel, the boilers being fitted for the burning of Coal Fuel, and the cross bunker bld. is now at station 54 instead of 58 as was originally intended. As a war measure, and at the request of the Owners the hand pump and Downton Pumps were not fitted. Wireless & submarine Sig. fitted. This Vessel is a sister ship to the S.S. "LIBERTY" New York report No. 15697. 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. Special Survey Fee. Travelling Expenses, if any. Fees applied for. Received by me. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With, or without Freeboard, as condition of Class. Committee's Minute. Character assigned. note: At 1000h. Shell Dr. w/ft. Lm. 10.19. Fitted for oil fuel. 10.19. At 150° F. New York OCT 1 4 1919. Lloyd's Register Foundation.

S.S. BELLEMINA

PARTICULARS OF LONGITUDINAL FRAMING.

17576

FRAMING.	AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.		
	In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	
Framing of $\frac{1}{2}$ of C Channels	6	3 1/2	35	6	3 1/2	35	6	3 1/2	35	6	3 1/2	35	7 5/4	5 1/4	5 1/4
Frames in Bridge 'tween Decks...	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Frames from Uppermost Continuous Deck	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
No. 1	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 3	7	3.35	"	7	3.35	"	7	3.35	"	7	3.35	"	"	4 3/8	9
" 4	7	3.4	40	7	3.4	40	7	3.4	40	7	3.4	40	"	"	"
" 5	7	3.45	45	7	3.45	45	7	3.45	45	7	3.45	45	"	"	"
" 6	10	3.35	35	10	3.35	35	10	3.35	35	10	3.35	35	"	3 1/2	10
" 7	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 9	10	3 1/2	50	10	3 1/2	50	10	3 1/2	50	10	3 1/2	50	4 3/8	"	"
" 10	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 11	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 12	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 13	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 14	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 15	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Spacing of Longitudinal Frames	Amidships	2-6"		At Ends	about 24"										
Double Bottoms	Tank Top Longitudinals	7	3.13	3.13	7	3.13	3.13	7	3.13	3.13	7	3.13	3.13	2 1/2	4 1/2
"	Bottom	7	3.35	35	7	3.35	35	7	3.35	35	7	3.35	35	2 1/2	5 1/4
"	Amidships	2-6"			about 24"										
"	At Ends...														
Transverses.															
In Bridge 'tween Decks	Depth and Thickness	14	38		14	38		14	38		14	38			
"	Face Angles	6	3 1/2	37 1/2	6	3 1/2	37 1/2	6	3 1/2	37 1/2	6	3 1/2	37 1/2	1 1/4	4"
"	Lugs to Shell	3 1/2	3 1/2	37 1/2	3 1/2	3 1/2	37 1/2	3 1/2	3 1/2	37 1/2	3 1/2	3 1/2	37 1/2	1 1/4	4"
In Awning, Shelter or Upper 'tween Decks.	Depth and Thickness	15	38		15	38		15	38		15	38			
"	Face Angles	6	3 1/2	37 1/2	6	3 1/2	37 1/2	6	3 1/2	37 1/2	6	3 1/2	37 1/2	1 1/4	4"
"	Lugs to Shell	3 1/2	3 1/2	37 1/2	3 1/2	3 1/2	37 1/2	3 1/2	3 1/2	37 1/2	3 1/2	3 1/2	37 1/2	1 1/4	4"
In Hold.	Depth and Thickness	30	50		30	50		30	50		30	50			
"	Face Angles	6	4	75	6	4	75	6	4	75	6	4	75	1 1/4	4"
"	Lugs to Shell	6	6	50	6	6	50	6	6	50	6	6	50	1 1/4	4"
"	Brackets	10-6"			10-6"			10-6"			10-6"				
Spacing of Transverse Frames		10-6"			10-6"			10-6"			10-6"				
Longitudinal Beams of $\frac{1}{2}$ of C Channels	Bridge Deck	6	28	3.13	6	28	3.13	6	28	3.13	6	28	3.13	36"	
"	Ang. or Shldr. Dk.	6	28	3.13	"	"	"	"	"	"	"	"	"		
"	Upper	6	3 1/2	35	6	3 1/2	35	6	3 1/2	35	6	3 1/2	35		
"	Second	"	"	"	"	"	"	"	"	"	"	"	"		
"	Third	"	"	"	"	"	"	"	"	"	"	"	"		

The particulars of framing in peaks (if ordinary), Floors, Centre Girders, 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.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 44-75 ft., R.Q.D. ✓ ft., Bridge 109-5 ft., Forecastle 38-0 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 should appear in the Register Book) Two decks Steel. State if Machinery is fitted aft No Amidships. Official No. 218988.; Signal Letters LTC.S. How are the surfaces preserved from oxidation? Inside Cement & paint. Bitumastic in bilges. Paint. No cement in tanks carrying oil.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors			Where Fitted.		Length.		Water Capacity.		Where Fitted.		Length.		Water Capacity.	
					Feet.		Tons.				Feet.		Tons.	
Double bottom, aft,					126'-0"		462		Fore peak tank,		26'-9"		187	
Double bottom, under Engines and Boilers,					42.0		260		After peak tank,		27'-6"		175	
Double bottom, if under Engines only,					✓		✓		Deep tank, aft,		✓		✓	
Double bottom, if under Boilers only,					✓		✓		Deep tank, forward,		✓		✓	
Double bottom, forward,					162'-9"		790		Other tanks, if fitted,		✓		✓	
Total capacity of double bottom							1512		(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. Satisfactory

Order for Special Survey No.

Date

No. 30 in builder's yard.

DATES OF SURVEYS held while building

1919 June 18 19 20 July 1 Aug 4 12 19 28 30 Sep 2 5 9 10 12 13 15 19 20 26 29 30 Oct 1 3

Surveyor's Signature James W. Simpson. G. F. Macdonald.