

# Awning or Shelter Deck, or Pt. Awning Deck.

# STEEL STEAMER.

No. 17618

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

Port of *New York.* Date of completion of Report *4 Nov. 1919* Received at London Office *TUE NOV. 25. 1919*

Survey held at *Kearny N. J.* Date, First Survey *22 April* Last Survey *30 October* 1919

On the (State if Single, Twin, or Triple Screw) *Single Steel Screw Ste.* **BELLHAVEN.** Rig *F & A Schooner.*

Master *H. E. McNeill.*

Year of Appointment *(1) As Master in service of owner of present vessel: 1911 (2) As Master of this vessel: 1911*

Built at *KEARNY, N.J.* When built *1919* Launched *13 Sep 1919*

By whom built *Federal Shipbuilding Co.*

Owners *U.S. Shipping Board-Emergency Fleet Corp.*

Managers *do. do. do.*

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

Residence *Philadelphia, Pa.*

Port belonging to *KEARNY, N.J.*

Destined Voyage *N.Y. to Rotterdam.* *Surveyed while Building, Afloat, or in Dry Dock* *Yes.*

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL—Top of Floors to top of Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid	No. of Tiers of Beams
395	6		55	0		31.4			2	2
Dimensions of Ship per Register, Length 395.5 breadth 55.0 depth 22.5 Upper Deck. Moulded depth, ft. 34 ins. 11 To Awning Shelter Dk. Round up of Uppermost Dk. Beam, Actual 12" ins.										

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, or $\square$ or $\square$ Bars, amidships	✓	✓	✓	✓	✓	✓	PILLARS, In 'tween Deck, size and spacing	✓	✓	✓	✓
Do. in peaks <i>At. Pk. B. Pk.</i>	7	3	45	7	3	45	" " Hold				
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	4375	3 1/2	3 1/2	4375	" Quarter, 'tween Dks. <i>do. by profile</i>	7 1/2	50	7 1/2	50
" " at intermdt. Bkts.	✓	✓	✓	✓	✓	✓	" " in Hold <i>do. by profile</i>	12	60	12	60
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	✓	✓	✓	✓	✓	✓	floors, Through Plate, or Intercostal Plate				
REVERSED FRAME, Angles	✓	✓	✓	✓	✓	✓	Rider Plate				
Do. in way of Double bottoms at Solid Floors	3 1/2	3 1/2	4375	3 1/2	3 1/2	4375	Flat Keel Plate Angles				
" " at intermdt. Bkts.	✓	✓	✓	✓	✓	✓	Horizontal Plates on Floors				
FRAMING, depth of girder	✓	✓	✓	✓	✓	✓	Angles or Bulb Angles				
FLOORS, depth and thickness of Floor Plate	✓	✓	✓	✓	✓	✓	SIDE KEELSONS, Number				
at mid-line for 1/2 length amidships	✓	✓	✓	✓	✓	✓	Angles or Bulb Angles				
in way of Engine and Boiler spaces	✓	✓	✓	✓	✓	✓	Plate above floors, for length				
thickness at the ends of vessel	✓	✓	✓	✓	✓	✓	Intercostal Plate, for length				
depth at 1/2 the half-bdth. as per Rule	✓	✓	✓	✓	✓	✓	Attached to outside plating with Angle				
height extended at the Bilges	✓	✓	✓	✓	✓	✓	BILGE KEELSON, Angles				
FLOORS, in Cell Double Bottoms	✓	✓	✓	✓	✓	✓	Intercostal Plate, for length				
state if flanged (top and bottom)	✓	✓	✓	✓	✓	✓	Attached to outside plating with Angle				
spacing of Solid	✓	✓	✓	✓	✓	✓	SIDE STRINGERS, Number				
CENTRE GIRDER, in Dbl. bottom, dpth. & thkness	✓	✓	✓	✓	✓	✓	" Angle				
Angles, Top	✓	✓	✓	✓	✓	✓	" Intercostal Plate, for lng.				
" Bottom	✓	✓	✓	✓	✓	✓	Attached to outside plating with Angle				
" to Floors	✓	✓	✓	✓	✓	✓	Awning or Shelter Deck Stringer Plates, breadth and thickness	79 1/2	54	79 1/2	54
Brackets at intermdt. frmg., wdth & thkness	✓	✓	✓	✓	✓	✓	Angle on ditto	6 1/2	50	6 1/2	50
SIDE GIRDERS, number and thickness	✓	✓	✓	✓	✓	✓	Tie Plates, fore and aft, outside Hatchways	3 1/2	50	3 1/2	50
state if flanged (top & bottom)	✓	✓	✓	✓	✓	✓	Deck, * <i>Iron or Steel</i> , for <i>Whole</i> lng.	40	34	40	34
Angles	✓	✓	✓	✓	✓	✓	Wood Deck, Material & thickness	✓	✓	✓	✓
MARGIN PLATE, depth (exclusive of flange)	✓	✓	✓	✓	✓	✓	Upper Deck Stringer Plate, breadth and thickness	79 1/2	44	79 1/2	44
Angles to outside plating	✓	✓	✓	✓	✓	✓	Angles on ditto, No. <i>do. shell only</i>	3 1/2	50	3 1/2	50
" to floors	✓	✓	✓	✓	✓	✓	Tie Plates, outside Hatchways	✓	✓	✓	✓
Brackets at intermdt. frmg., wdth & thkness	✓	✓	✓	✓	✓	✓	Deck, * <i>Iron or Steel</i> , for <i>Whole</i> lng.	36	30	36	30
Height of Brackets above at bilge	✓	✓	✓	✓	✓	✓	Wood Deck, Material & thickness	✓	✓	✓	✓
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	✓	✓	✓	✓	✓	✓	Second Deck Stringer Plates, br'dth & thkness				
" thickness in Engine and Boiler space	✓	✓	✓	✓	✓	✓	Angles on ditto, No.				
" Remainder in Holds	✓	✓	✓	✓	✓	✓	Tie Plates, outside Hatchways				
BEAMS, <i>Awning or Shltr Dk</i> , Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	✓	✓	✓	✓	✓	✓	Deck, * Material and thickness				
Spacing <i>At. After and only, Chans.</i>	✓	✓	✓	✓	✓	✓	Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness				
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	✓	✓	✓	✓	✓	✓	Angles on ditto, No.				
Spacing <i>At. After and only, Chans.</i>	✓	✓	✓	✓	✓	✓	Tie Plates, outside Hatchways				
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	✓	✓	✓	✓	✓	✓	Deck, Material and thickness				
Angles on upper edge	✓	✓	✓	✓	✓	✓	Poop Deck Stringer Plate, breadth & thickness	48	30	48	30
Spacing	✓	✓	✓	✓	✓	✓	Angles on ditto	3 1/2	3 1/2	3 1/2	3 1/2
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	✓	✓	✓	✓	✓	✓	Tie Plates	✓	✓	✓	✓
Angles on upper edge	✓	✓	✓	✓	✓	✓	Deck, Material and thickness <i>Steel</i>	✓	✓	✓	✓
Spacing <i>At. After and only, Chans.</i>	✓	✓	✓	✓	✓	✓	Bridge Deck Stringer Plate, br'dth & thickness	76 1/2	50	76 1/2	50
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	✓	✓	✓	✓	✓	✓	Angle on ditto	4 1/4	625	4 1/4	625
Angles on upper edge	✓	✓	✓	✓	✓	✓	Tie Plates	✓	✓	✓	✓
Spacing	✓	✓	✓	✓	✓	✓	Deck, Material and thickness <i>Steel</i>	✓	✓	✓	✓
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	✓	✓	✓	✓	✓	✓	Forecastle Deck Stringer Plate, br'dth & th'kness	36	30	36	30
Angles on upper edge	✓	✓	✓	✓	✓	✓	Angle on ditto	3 1/2	3 1/2	3 1/2	3 1/2
Spacing	✓	✓	✓	✓	✓	✓	Tie Plates	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	Deck, Material and thickness <i>Steel</i>	✓	✓	✓	✓



WEB FRAMES. WEB-FRAMES, In Fore Body, No. and spacing. WEB-FRAMES, In E. & B. Space, No. and spacing. WEB-FRAMES, In After Body, No. and spacing. BULKHEADS. W.T. BULKHEADS. COLLISION. PARTITION. LONGITUDINAL. PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. RIVETING. BUTTS. EDGES. RIVETS. STRAPS. IF LAPPED. THICKNESS OF SHEET PILE. CLEAR OF LONG BRIDGE. DO. OF STRAKE BELOW. DELEG. of Flat Plate Keel. SHEERSTRAKES. POOP SIDES. FORECASTLE SIDES. Lower Masts. Main. Riggers. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails. MASTS, SPARS, &c.

EQUIPMENT No. 36664 LETTER Z ANCHORS. Number of Certificate. Anchors. Weight, Ex. Stock. Weight of Stock. Test, Per Certificate. Description of Anchor. Makers. Where and when tested and Superintendent. CHAIN CABLES. Number of Certificate. Length and Size supplied. Test per Certificate. Weight of Chain Cable. Fathoms and Size per Table 31. Description. Makers of Cables. Where and when tested and Superintendent. HAWSERS AND WARPS. Number of Certificate. Length and Size supplied. Test per Certificate. Weight of Chain Cable. Fathoms and Size per Table 31. Description. Makers of Cables. Where and when tested and Superintendent. Boats 4 life boats Steel, 1 Dingy wood. Steering Gear, Steam & hand combined. Steering Gear, Hand Cyls. 9" x 9". Pumps, Number 3 fitted as per manue. Windlass is Steam 12" x 10 Cyls. Capstan. Coal Bunker Openings. How constructed? Steel coaming & angle. How are lids secured? Battens. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Scuppers 6 each side. Freeing Ports 8 each side 4' x 18". Ceiling in Holds, thickness and material 2 1/2" J. Pine. Cargo Hatchways. How formed? Steel coaming & angle. State size No. 1 Hatch (Forward) 31'-6" x 17'-8" No. 2 Hatch 31'-6" x 17'-8" No. 3 Hatch 31'-6" x 17'-8" No. 4 Hatch 31'-6" x 17'-8". Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch No. 1-2-3-4 6 to each hatchway. No. of Breasthooks one to each long. No. of Crutches. Bulwarks, height above deck and description 3'-6" high of 1/2" steel plates. Main Rail and Stays, material and size Chans. 6" x 3 1/2" x 3/8". Builder's Signature (here only) Geo. H. Federal Shipbuilding & Dry Dock Co. Surveyor's Signature James W. Simpson, C. F. Macdonald. Correspondence. State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case). 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 facing 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 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. The requirements of section 49 of the rules have been complied with. The port & star. Settling Tanks are dispensed with on this vessel. The Boilers being fitted for the burning of Coal Fuel, and the cross Bunker, which 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 pumps & Downton pump were not fitted. Wireless and Sub. 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 £ 25: Fees applied for, 8 Nov 1919. Special Survey Fee £ 939:73 Received by me, 28/11/19. Travelling Expenses, if any £ 50: State whether the Vessel has been built under Special Survey Yes. I am of opinion this Vessel should be Classed + 100 A.L. Shelter Dk. Long Framing. With, or without Freeboard, as condition of Class with Freeboard. Fitted for Fuel Oil. F.R. above 150°F. Committee's Minute Character assigned note: A.C.P. Ep. 12.2. Long Framing. Dec 1. 7.2. + 100 A.L. Shelter Dk. under Dmt. 10.19. Fitted for oil fuel 10.19. T.P. above 150°F. New York NOV 11 1919. James W. Simpson, C. F. Macdonald. Surveyor to Lloyd's Register of Shipping.





