

STEEL STEAMER OR MOTORSHIP.

 State if Report has been sent on the Freeboard of the Vessel Yes

State if Report is sent on the Machinery of the Vessel

Received at London Office

12 OCT 1948

Date of completion of report

12 OCT 1948

Port of LONDONNo. 115429Survey held at LONDONDate First Survey 2nd May, 1947Last Survey 6th June19 47

On the (State if Machinery fitted Aft and

SING. SC. S.S.

"SHEAF MEAD"

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

LIBERTY SHIP

State Type of Erections

TONNAGE under Tonnage Deck ...

6729

CLASS

State if with freeboard as condition of Class

 ace or spaces
Tonnage Dk.
per Dk.

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

FEET

417.73

Breadth (greatest moulded)

B 56.9

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

D 37.33

1st Longitudinal Number (L x D)

15594

2nd Numeral L x (B + D)

39363

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

24.9

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

11.19

Do. Long Bridge to top of keel

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Draught Moulded

27-8 1/2

Built at Baltimore, Md.

Launched Yard No.

Builders Bethlehem Fairfield Shipyard Inc.Owners Sheaf Stm. Shipping Co. Ltd.Managers W.A. Souter & Co. Ltd.

(Where necessary to be entered in Reg. Book)

Residence

Port of Registry Newcastle

If surveyed while building, afloat, or in dry dock

Afloat and in Dry Dock (June, 1947.)

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.
ES, Spacing amidships			Bracket Floors, Frame		
" from 1/2 length amidships to Collision bulkhead			" Reversed Frame		
" in peaks			" Vertical Struts		
FRAMING.			Centre Girder, depth and thickness amidships		
Amidships, Angle, [or [" top Angles		
" Extends up to			" bottom Angles		
Side Frame Amidships, Angle			Side Girders, No. each side and thickness		
" Extends up to			Margin Plate depth (excl. of flange) and thickness		
of Framing Girder			" Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
" in Uppermost Continuous 'tween Decks, Angle, [or [" Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area		
" Second 'tween Decks, Angle, [or [" Gussets, spacing and scantling abaft 1/2 len. from stem		
" Third			" Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		
from 1/2 len. for'd. to 15% len. from Stem			Tank Side Brackets, height above base line at toe of Frame and thickness		
in Peaks, Angle or [INNER BOTTOM PLATING.		
" and Spacing of Rivets through Frame and Shell Plating amidships			Breadth and thickness of Middle Line Strake		
Frame Joggled			Thickness of remainder in Holds		
scantlings and arrangements in the Framing Area in accordance with the Rules as approved?			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?		
scantlings and arrangements in way of Bottom Forward in accordance with Rules and/or as approved?			BEAMS.		
BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, [or [
Depth and thickness at mid-line in Holds			" in way of Bridge, Angle, [or [
Height of Brackets at side above base line at toe of frame			Spacing		
Line Keelson, on Floors, Angles, [or [Second Deck, amidships, Angle, [or [
" Through Plate or Inter-costal Plate			Spacing		
" Foundation Plate on Floors			Third Deck, amidships, Angle, [or [
" Flat Plate Keel Angles			Spacing		
Keelsons, No. each side			Fourth Deck, amidships, Angle, [or [
thickness of Inter-costal Plate			Spacing		
Angles			Poop Deck, Angle, [or [
BOTTOM.			Spacing		
" Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, [or [
Bracket Floors, breadth and thickness at middle line			Spacing		
" breadth and thickness at margin plate			Forecastle Deck, Angle, [or [
			Spacing		

PILLARS AND DECKS.			
PILLARS, No. of Rows	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.
in 'tween Decks, Size and Spacing			
in Holds			
Centre Line Bulkhead, Stiffeners and Spacing			
Plating, thickness of			
Stringers and DECKS.			
Uppermost Continuous Deck.			
Stringer Plate, breadth and thickness in way of Wells			
Stringer Plate, breadth and thickness in way of Bridge			
Angle in Wells			
Thickness of Plating abreast Deck openings in way of Wells			
Thickness of Plating abreast Deck openings in way of Bridge			
Thickness of Plating within line of openings			
If Sheathed, material and thickness			
Second Deck.			
Stringer Plate, breadth and thickness in Wells			

EQUIPMENT No.				LETTER				ANCHORS.																			
Anchors.				WEIGHT, EX. STOCK.				TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.				Description of Anchor.				Makers.				Where and when tested, and Superintendent.			
1st Bower				25 0 0				25 0 0				25 0 0				BAIRD STOCKLESS				BAIRD ANCHOR				PHILADELPHIA Aug 4 1943.			
2nd				25 0 0				25 0 0				25 0 0				BAIRD STOCKLESS				BAIRD ANCHOR				PHILADELPHIA Aug 4 1943.			
3rd				25 0 0				25 0 0				25 0 0				BAIRD STOCKLESS				BAIRD ANCHOR				PHILADELPHIA Aug 4 1943.			
Stream				25 0 0				25 0 0				25 0 0				BAIRD STOCKLESS				BAIRD ANCHOR				PHILADELPHIA Aug 4 1943.			

CHAIN CABLES.												HAWERS AND WARPS.											
Length and size supplied.						Test per Certificate.						Length and size supplied.						Test per Certificate.					
Length. Diam.						Tons. Cwts. qrs. lbs.						Length. Diam.						Tons. Cwts. qrs. lbs.					
125 2 1/8						108 152 467-1-23						270 2 1/8						132 4 1/4					

Spring Gear, Type (Power or hand)	Steam	Alternative Means of Steering	Blocks and tackle
Spring Chains (Size and Test)		Windlass	Boats
ing in Holds, thickness and material	3" thick wood	Cargo Battens, thickness, material and spacing	6" x 2" wood
go Hatchways.-(Upper Deck)		Thickness of Hatches	
of Hatchways No. 1 (Fwd.)	No. 2	No. 3	No. 4
Number of Shifting Beams		No. 5	No. 6
nd/or Fore and Afters			
Builder's Signature			

SHELL PLATING.				RIVETING.							
SCANTLINGS.				EDGES.				BUTTS.			
AS IN VESSEL.				State if jogged?				RIVETS.			
ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.				No.				No. OF ROWS OF RIVETS.			
STRAKES.				SINGLE OR DOUBLE.				Diam. Spacing cr. to cr.			
Flat Plate Keel				Double riveted				E. Welded			
Dblg. (if any)											
Bottom Plating, No. of Strakes											
Bilge Plating, No. of Strakes											
Side Plating, No. of Strakes											
Upper Deck, Sheer-strake in Wells											
Upper Deck, Sheer-strake in Bridge											
Strake below Sheer-strake in Wells											
Strake below Sheer-strake in Bridge											
Poop Side Plating											
Bridge Side Plating											
Forecastle Side Plating											

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. **Yes.**

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. **Yes.**

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).

A vessel was originally built under the special supervision of the Surveyors to the American Bureau of Shipping and was classed with that Society.

Scantlings and arrangements have been examined where exposed and found to be in accordance with the plans for this type of vessel.

Special Survey for Classification has been partly held (see Rpt. 8) and the vessel's condition, standard of workmanship, as now seen, is considered to be good and satisfactory.

can be carried as fuel in Nos. 1, 2, 3, 5, 6 D.B. tanks, and as fuel or cargo oil in Nos. 1, 2 & 3 (P. & S.) Deep tanks, F.P. above 150°F.

steering gear, windlass and bilge suctions were examined under working conditions and found satisfactory.

WATERTIGHT BULKHEADS.				FORGINGS AND CASTINGS.			
Total No. of W.T. BULKHEADS in Vessel—				Casting or Forging.			
Extending to Upper Deck (Sec. 3 c) 7.				Scantlings.			
Deck next below				Maker's Name.			
As per Rule							
STIFFENERS.				KEEL, Bar			
VERTICAL.				STEM			
SCANTLINGS.				Stern Frame			
Spacing.				Propeller Post			
SCANTLINGS.				Rudder			
Spacing.							
MIDSHIP BULKH'D, Upper 'tween decks				Speed of Vessel			
Second				RUDDER—Type			
Third				A x D			
Holds				Diam. of head			
COLLISION (in Hold)				Mainpiece at top pintle			
AFTER PEAK				heel			
				how constructed			
				double or single plate coupling, vertical or horizontal			
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?							

Amount of Entry Fee	£ 19	Fees applied for,	
Special Survey Fee	£ :	Received by me,	
Travelling Expenses, if any	£ :	I am of opinion the Vessel should be Classed	100 A.1.
Whether the Vessel has been built under Special Survey No.			
to be sent to Quincy Municipal Date of issue 15/12/48			
Committee's Minute FRI. 10 DEC 1948			
Master assigned 100171 subject			
Carrying oil F.P. above 150°F in deck tanks			
Letter for oil fuel F.P. above 150°F			
S.S. hull 6.47			
Classed 10.48			
BS 9.48			
Write Own (comp)			

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.)

Re-inforcements, etc., as required for 'Sam' vessels, per Admiralty circular letter No.101 of 28.1.44, have been previously effected, where applicable.

PARTICULARS OF ELECTRIC WELDING (if employed)

Vessel electrically welded throughout, except seams of shell plating.

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

Pt. Etc. welded; Cruiser stern; Direction Finder; Echo Sounding Device; Carrying oil F.P. above 150°F in deep tanks; Fitted for oil fuel F.P. above 150°F.

RADAR Equipment (State if fitted)

State Type or Pattern No. 7

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. ft., R.Q.D. ft., Bridge. ft., Forecastle. ft.

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

Official No. 169657

Signal Letters GCRV

Extreme Breadth over Belting (Circ. 1611)

Over-all Length 441.5 (Circ. 1703)

No. and Material of Decks 2 - steel.

Parts of Bottom of Vessel coated with cement or approved composition D.B. tank under boilers cement.

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.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, Nos. 5 & 6	135.0	368	Fore peak tank,		134
Double bottom, under Engines and cofferdam	2.5		After peak tank,		155
Double bottom, if under Engines only, No. 4	27.5	136	Deep tank, aft, Abaft E.R. No. 3	20	760
Double bottom, if under Boilers only,	20	98	Deep tank, forward, Nos. 1 & 2.	60.75	648
Double bottom, forward, Nos. 1, 2 & 3.	183.25	735	Other tanks, if fitted,		
Total length (if continuous) and Capacity	368.25	1337	(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date.

Dates of Surveys held while building



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