

STEEL STEAMER ~~MOTORSHIP~~

Received at London Office

19 APR 1943

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

Date of completion of report

26.3.43

Port of

Hull

No.

51966

Survey held at Beverley & Hull

Date First Survey

20th

August, 1942

Last Survey

26th

March,

1943.

On the

(State if Machinery fitted with or without Tonnage Openings)

Steel Screw

Steam Trunk

"Sapper"

(Military Type)

State Type

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

Full Scantling

State Type of Erections

Rigid Quarter Deck & Whaleback

TONNAGE under Tonnage Deck

498.62

CLASS

+100A, Steam

State if with freeboard as condition of Class

No

Built at

Beverley

Do. of space or spaces between Tonnage Dk. and Upper Dk.

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

L 175'-0"

Launched

11 Nov 1942

Yard No. 705

Breadth (greatest moulded)

B 30'-0"

Builders

Cook, Welton & Gemmell, H.

Total

498.62

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

D 16'-0"

Owners

The Admiralty

Gross Tonnage

579.79

Register Tonnage

181.53

1st Longitudinal Number (L x D)

2800

Managers

(Where necessary to be entered in Reg. Book)

2nd Numeral L x (B + D)

8050

Residence

London

REGISTERED DIMENSIONS.

FEET

Length

178.15

Breadth

30.05

Depth

15.2

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

✓

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

✓

Do. Long Bridge to top of keel

✓

Draught Moulded

✓

Port of Registry

If surveyed while building, afloat, or in dry dock

Building and afloat.

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.
FRAMES, Spacing amidships	21" ✓		Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead	17" ✓		" " Reversed Frame		
" " in peaks	FP 17" ✓ AP 20" ✓		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <u>E or F</u>	5 1/2" x 3" x 38 BA ✓ 42" in EB spaces		" " top Angles		
" " Extends up to	Deck		" " bottom Angles		
Reversed Frame Amidships, Angle	3" x 3" x 38 QA ✓		Side Girders, No. each side and thickness		
" " Extends up to	Deck		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	5 1/2" ✓		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, <u>E or F</u>			" " Bracket abaft 1/4 len. from stem		
" " Second 'tween Decks, Angle, <u>E or F</u>			" " Vertical Angle to Tank side		
" " Third			" " Bracket from forward 1/4 len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from Stem			" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " in Peaks, Angle, <u>E or F</u>	5 1/2" x 3" x 38 BA ✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" - 5/8" ✓		Tank Side Brackets, height above base line at toe of Frame and thickness		
State if Frame Joggled	No		INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Longer deck stringer and beams. 13/16" x 1/2" ✓		Breadth and thickness of Middle Line Strake		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Closer framing spacing and riveting. ✓		Thickness of remainder in Holds		
SINGLE BOTTOM.			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?		
Floors, Depth and thickness at mid-line in Holds	19" x 40 ✓ 44 EFB spaces		BEAMS.		
Height of Brackets at side above base line at toe of frame	None ✓		Uppermost Continuous Deck, amidships	7" x 3" x 40 BA ✓ FRS 51, 52, 53, 54	
Middle Line Keelson, on Floors, Angle, <u>E or F</u>	15" x 4" x 4" x 36 97 LBS CHANNEL ✓		" " Bridge, Angle, <u>E or F</u>	6" x 3" x 38 QA ✓ ELSEWHERE	
" " Through Plate or Inter-costal Plate			Spacing	EVERY FRAME ✓	
" " Foundation Plate on Floors			LOWER AFT Second Deck, amidships, Angle, <u>E or F</u>	5" x 3" x 30 QA ✓	
" " Flat Plate Keel Angles			Spacing	EVERY FRAME ✓	
Side Keelsons, No. each side	one 6" x 4" x 50 ✓ 54 in between		LOWER FORD Third Deck, amidships, Angle, <u>E or F</u>	5" x 3" x 34 QA ✓ FRS 61-78 & 89-98	
" " thickness of Inter-costal Plate			Spacing	5" x 3" x 36 QA ✓ FRS 80-86	
" " Angles			Spacing	89-98 ALTERNATE FRAMES ✓	
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, <u>E or F</u>		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Poop Deck, Angle, <u>E or F</u>		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Bridge Deck, Angle, <u>E or F</u>		
			Spacing		
			WHALEBACK Forecastle Deck, Angle, <u>E or F</u>	5" x 3" x 40 QA ✓	
			Spacing	30" ✓	

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.)

The approved plans are being retained for reference in dealing with sister vessels; copies of the plans are in the Wokingham office.
An Echo sounding device has been fitted.
Forging reports are forwarded herewith.

PARTICULARS OF ELECTRIC WELDING (if employed)

Lower deck plating electric welded at sides of vessel and at ends. Approved electrodes used.

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

100 A1 Steam Trawler "For Government Service"
E.S.D. See Report on E.L. Equipment

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

1st Bower	ANCHOR HEAD 7 cwt 2 qrs 1 lb	G.G.Y.	42688	30/5/41	4034
2nd "	" " 7 " 1 " 9 "	A.E.G.	43214	20/11/42	4587
3rd "	✓				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 92.25 ft., Bridge ✓ ft., ~~Whaleback~~ 34.0 ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated. ✓

Official No. ✓ Signal Letters ✓ Extreme Breadth over Belting (Circ. 1611) ✓ Over-all Length 193' 0" (Circ. 1703)

No. and Material of Decks 1 pl. Steel.

Parts of Bottom of Vessel coated with cement or approved composition. Cement in bunkers, E & B spaces, F & A Peak Tanks and Chain locker, with bituminous solution above cement. Bituminous Enamel in F & W Tanks.

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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,	11.6	7
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 3315

Date 1/4/42.

Dates of Surveys held while building

1942—Aug. 20, 21, 24, Sept. 1, 18, 24, 30. Oct. 6, 24, Nov. 3, 6, 9, 11.
1943—Mar. 2, 4, 8, 10, 11, 15, 16, 18, 24, 26,

Total No. of Visits 23.