

Rpt. 1
DISCLOSED
SECTION

No. 331 B

N/N "EVER HAPPINESS"
STEEL STEAMER OR MOTORSHIPDISCLOSED
SECTION

Received at London Office

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

Yes

State if Report is sent on the Machinery of the Vessel

Yes

Date of completion of report 10th May 1943

Port of Sunderland

No. 33684

Survey held at Sunderland

Date First Survey 31st Aug. 1942Last Survey 6th May 1943

On the (State if Machinery fitted with or without Tonnage Openings) Single Screw Steamer

Empire Deed

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

Complete Superstructure without Tonnage Opening

State Type of Erections 1st GenTONNAGE under
Tonnage Deck

6300.53

CLASS

+100 A1

State if with freeboard
as condition of Class

Yes

Built at

Sunderland

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)

FEET

L 410

Breadth (greatest moulded)

B 56.29

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

D 36.66

1st Longitudinal Number (L x D)

14620

2nd Numeral L x (B + D)

37699

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

24.0

Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel

11.18

Do. Long Bridge to
top of keel

✓

Draught Moulded

26'-4"

Launched

Feb 6th 1943

Yard No. 295

Builders

Barkham & Sons Ltd

Owners

Ministry of War Transport

Managers

Mungo Campbell & Co Ltd

(Where necessary to be entered in Reg. Book)

Residence

9 Kensington Terrace

Newcastle (2)

Port of Registry

Sunderland

If surveyed while building, afloat, or in dry dock

Yes

REGISTERED DIMENSIONS.

FEET

Length 416.8

Breadth 56.6

Depth 34.0

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	31 ✓		Bracket Floors, Frame	9 3 1/2 7/16 ✓	
" " from 1/2 length amidships to Collision bulkhead	27 ✓		" " Reversed Frame	9 3 1/2 7/16 ✓	
" " in peaks	24 ✓		" " Vertical Struts	6 3 1/2 7/16 ✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	44 .54 ✓	
Frame Amidships, Angle, [or]	12+4+4+1/2 ✓		" " top Angles	3 1/2 3 1/2 .48 ✓	
" " Extends up to	2nd Dk ✓		" " bottom Angles	4 4 .54 ✓	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	One .38 ✓	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	40 .54 ✓	
Depth of Framing Girder	12 ✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 1/2 3 1/2 7/16 ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	1 3 1/2 .38 ✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	3 1/2 3 1/2 7/16 ✓	
" " Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	8 8 .50 ✓	
" " Third " " " "	✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	every .50 ✓	
" " from 1/2 len. for'd. to 15% len. from Stem	12+4+4+9/16 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	12 .46 ✓	
" " in Peaks, Angle, [or]	8 3 1/2 7/16 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	7/8 3 1/4 + 6 1/4 middle ✓ 3 1/4 + 6 1/4 bottom ✓		Breadth and thickness of Middle Line Strake	76 .50 ✓	
State if Frame Joggled	Yes ✓		Thickness of remainder in Holds	45+44-40 ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes ✓		Are Rule requirements complied with regard- ing increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	Yes ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes ✓		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, [or]	7 3 .42 ✓ 6 3 1/2 .35 ✓	
Floors, 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	31 ✓	
Middle Line Keelson, on Floors, Angles, [or]	✓		Second Deck, amidships, Angle, [or]	8+4+4+44 .48 ✓ 9 3 1/2 .38 ✓	
" " Through Plate or Inter- costal Plate	✓		Spacing	31 ✓	
" " Foundation Plate on Floors	✓		Third Deck, amidships, Angle, [or]	✓	
" " Flat Plate Keel Angles	✓		Spacing	✓	
Side Keelsons, No. each side	✓		Fourth Deck, amidships, Angle, [or]	✓	
" " thickness of Intercoastal Plate	✓		Spacing	✓	
" " Angles	✓		Poop Deck, Angle, [or]	✓	
DOUBLE BOTTOM.			Spacing	✓	
Solid Floors, thickness and spacing	38 10'-4" ✓		Bridge Deck, Angle, [or]	✓	
" " Are Frame and Reversed Frame joggled?	Yes ✓		Spacing	✓	
Bracket Floors, breadth and thickness at middle line	39 .38 ✓		Forecastle Deck, Angle, [or]	✓	
" " breadth and thickness at margin plate	33 3/4 .38 ✓		Spacing	✓	

(MADE IN ENGLAND.)

011995 - 012002 - 0131 1/2

PILLARS AND DECKS.

		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.				INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows		One ✓				Stringer Plate, breadth and thickness in way of Bridge		✓			
" in 'tween Decks, Size and Spacing		4 + 4 + .50 ✓				Thickness of Plating abreast Deck openings in way of Wells35 ✓			
" " " " "		5 + 5 + .50 ✓				Thickness of Plating abreast Deck openings in way of Bridge... E + B <i>curving</i>35 ✓			
" " " " "		6 + 6 + .50 ✓				Thickness of Plating within line of openings...		.35 ✓			
" " " " "		62" ✓				If Sheathed, material and thickness.....		✓			
" in Holds " " " "		✓				Third Deck.					
" " " " "		✓				Stringer Plate, breadth and thickness.....		✓			
Centre Line Bulkhead.						If Plated, state thickness		✓			
Stiffeners and Spacing		3 + 3 1/2 + 7/16 spaced alternate ✓				Fourth Deck.					
Plating, thickness of		30 .31 .38 ✓				Stringer Plate, breadth and thickness.....		✓			
STRINGERS AND DECKS.						If Plated, state thickness		✓			
Uppermost Continuous Deck.						Fourth Deck.					
Stringer Plate, breadth and thickness in Wells		64 .72 ✓				Stringer Plate, breadth and thickness.....		✓			
" " " " " in way of Bridge		✓				If Plated, state thickness.....		✓			
" Angle in Wells		4 + 4 + .60 ✓				Poop Deck.					
Thickness of Plating abreast Deck openings in way of Wells72 ✓				Stringer Plate, breadth and thickness.....		✓			
Thickness of Plating abreast Deck openings in way of Bridge55 .65 .77 ✓				Plating, Sheathing, material and thickness ...		✓			
Thickness of Plating within line of openings...		.40 ✓				Bridge Deck.					
If Sheathed, material and thickness.....		✓				Stringer Plate, breadth and thickness.....		✓			
Second Deck.						Plating, Sheathing, material and thickness ...		✓			
Stringer Plate, breadth and thickness in Wells		8 1/2 + .40 ✓				Forecastle Deck.					
						Stringer Plate, breadth and thickness.....		✓			
						Plating, Sheathing, material and thickness...		✓			

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

FORGINGS AND CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Casting or Forging.		Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
Extending to Upper Deck (Sec. 3 c)		1		6 div. W.T. Bulkheads in Twin Dk		
,, Deck next below		6		openings closed by hinged w.t. doors see sketch on 4th. Ppt.		
As per Rule		1				
STIFFENERS.						
Plating Thickness.	VERTICAL.		HORIZONTAL.			
	Scantlings.	Spacing.	Scantlings.	Spacing.		
No 17 MIDSHIP BULKH'D, Upper 'tween decks	26	5+3+5/16 L	30"			
No 41, 69, 88, 96 Second	26	6+1/2+3/8 L	30"			
No 130 Third	24	7+3+3/8 L	30"			
No 69, 88, 96, 130 Holds	48-1 1/2-3 1/2	11+3/4+4 1/2	30"			
		10+3/4+5 1/2	27"			
COLLISION (in Hold) No 156	48-1 1/4	8+3+5 1/2	24	25 B Beams as approved		
AFTER PEAK No 13	34-30	7+3+4 1/2	24	"		
		5+3+4 1/2 L	"	"		
STEEEL.						
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)						
Cargo Fleet, Corsett, Colvilles, Dorman Long, Skinningrove, South Durham, Appleby Fordingham						
Has the Steel been tested as required by the Rules? Yes						

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.)

Sister vessel Sold Rpt- 33634 "Empire Prospero"
Certificates of fittings & coatings enclosed.

Note:- Hatch covers fitted at 2nd deck hatches excepting at No 1 & 5 hatches.
It is the owners intention to fit cargo battens at the first opportunity.

PARTICULARS OF ELECTRIC WELDING (if employed) Electrodes used:- Murex

Parts welded:- Rudder, fabricated sternframe, bulkhead stiffeners
stirrs, 2nd deck to shell aft & in way of deep tanks & fore peak tank,
main & demek ports to deck, hatch foundation bar corners, bracing
hatch butts, hatch end frames to 2nd deck, main discharge trunk in
side tanks, main injection tube, auxiliary engine seats to tank top.

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

Cruiser stern, DF, ESD, 7 BH (Coll to W Dk, 6 to 2nd Dk) 6 divisional W.T. Bulkheads
in Tween Deck

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

1st Bower	43	0	17 (incl pins)	↓ D	3948	19/1/42
2nd "	43	0	17 (")	↓ D	3947	19/1/42
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. 169113 Signal Letters ☒ Extreme Breadth over Belting ☒ Over-all Length 432' ☒
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 2 Dks (sk)

Parts of Bottom of Vessel coated with cement or approved composition. Boiler room tank & peaks

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,	74.92	314	Fore peak tank,	23.75	145.0
Double bottom, under Engines and Boilers,	41.33	204	After peak tank,	26.00	218.0
Double bottom, if under Engines only,			Deep tank, aft, at funnel sides	62	463.0
Double bottom, if under Boilers only,			Deep tank, forward, 28' at sides	14.16	290.0
Double bottom, forward,	171.83	662	Other tanks, if fitted, Deep Side Tanks in Eng Rm	23.25	398.0
Total length (if continuous) and Capacity	288.08	1180	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 6056

Date 24.9.42

Dates of Surveys
held while building

1942 Aug 31, Sep 4, 7, 9, 14, 16, 21, 24, 29, Oct 1, 5, 6, 8, 13, 16, 19, 21, 23, 29, Nov 3, 6, 9, 11, 13
14, 18, 20, 22, 25, 27, Dec 1, 4, 7, 13, 22, 25, 30, 31, 1943 Jan 5, 13, 14, 19, 20, 22, 26, 27, 29, 30, Feb 1,
3, 4, 6, 15, 24, Mar 4, 9, 10, 11, 16, 19, 22, 25, 30, Apr 1, 3, 6, 7, 8, 9, 13, 14, 15, 20, 22, 23, 27, 29, 30
May 3, 6

Total No. of Visits 79.80