

WRECK 24 MAR 1941
Received at London Office.....

27 MAR 1944

11 D.C.

SECTION

SECTION 1058

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 14th March, 1944 Port of NEWCASTLE-ON-TYNE No. 101948

Survey held at Newcastle, N. Y. Date First Survey 19th November, 1942 Last Survey 9th March, 1943

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel, single screw, Steam EMPIRE ROBEY Machinery American

State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)* *Intermediates between F.S. & C.S.S.* State Type of Erections *File only*

TONNAGE under } 6546.66
Tonnage Deck ... }

CLASS +100. A.1. State if with freeboard } Yes.
as condition of Class }

Built at Newcastle

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

Length from fore part of stem to after part of stern } L 425.00
post on summer L.W.L. See Sec. 3 (1a)

Launched 10/12/43 Yard No. 6

Builders *Shipbuilding Corporation Ltd (Lagos Branch)*

Owners *Ministry of War Transport.*

Managers *Elders & Officers*
(Where necessary to be entered in Reg. Book)

Residence *10th Ave*

Port of Registry..... *Newcastle*

If surveyed while building, afloat, or in dry dock

REGISTERED DIMENSIONS.

480.9

gth

adth 26-2

35.2

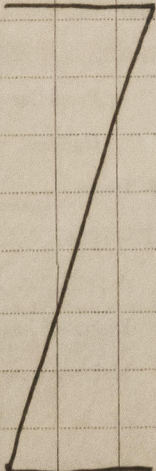
Framing Depth "d," at middle of length. See }
 Sec. 3 (1d)..... }

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

Do. Long Bridge to }
ton of keel }

Drought Moulded

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		
" " from $\frac{3}{8}$ length amidships to Collision bulkhead.....	24	✓	" " Reversed Frame.....		
" " in peaks	24	✓	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	48" x 54.	✓
Frame Amidships, Angle, [or]	12 x 3 1/2 x 5/8	✓	" " top Angles	Double 3" x 3" x 1/8	✓
" " Extends up to	2nd & upper decks alternately.	✓	" " bottom Angles.....	Double 4" x 4" x 5/8	✓
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	As 6" x 3" x 1/8. Spacing 6' 3" x 1/8	✓
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	16 x 5/4	✓
Depth of Framing Girder.....			" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	6 6 1/4 angle	✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	as above	✓	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	6 6 1/4 angle	✓
" " Second 'tween Decks, Angle, [or]			" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	14 x 1/2	✓
" " Third			" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	14 x 1/2	✓
" " from 1/2 len. for'd. to 15% len. from Stem	12 x 3 1/2 x 9/16	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	9 1/2 x 1/4	✓
" " in Peaks, Angle or [3 3/2 1/8	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8" multiple spacing 4" x 6" x 5/16	✓	Breadth and thickness of Middle Line Strake.....	4 1/2 x 1/8	✓
State if Frame Joggled.....	Yes	✓	Thickness of remainder in Holds	1/4	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes	✓	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?.....	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	8 3/2 x 1/2	✓
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]	9 9 x 3/8	✓
" " 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 Inter-costal Plate.....			Spacing.....		
" " Angles			Poop Deck, Angle, [or]		
Spacing.....			Spacing.....		
DOUBLE BOTTOM.			Bridge Deck, Angle, [or]		
Solid Floors, thickness and spacing	42" x 31"	✓	Spacing.....	9 3" x 1/8	✓
" " Are Frame and Reversed Frame joggled?	Yes	✓	Forecastle Deck, Angle, [or]	6 3" x 1/8	✓
Bracket Floors, breadth and thickness at middle line			Spacing.....	87" x 2 1/4	✓
" " breadth and thickness at margin plate.....					

(MADE IN ENGLAND.)

005141-005153-0224 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	✓		Stringer Plate, breadth and thickness in way of Bridge	✓	
„ in 'tween Decks, Size and Spacing	✓		Thickness of Plating abreast Deck openings in way of Wells	36 ✓	
„ „ „ „ „	✓		Thickness of Plating abreast Deck openings in way of Bridge.....	✓	
„ in Holds „ „ „	✓		Thickness of Plating within line of openings...	34 ✓	
„ „ „ „ „	✓		If Sheathed, material and thickness.....	✓	
Centre Line Bulkhead. <i>4 Deck</i>	<i>12 1/2 x 3 1/2 x 1/2</i>	<i>62"</i>	Third Deck.		
Stiffeners and Spacing <i>4 Deck</i>	<i>6 x 3 x 3/2</i>	<i>62"</i>	Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of <i>4 Deck</i>	<i>30</i>		If Plated, state thickness		
	<i>26</i>				
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Walls	<i>65 1/2 x 65</i>		If Plated, state thickness.....		
„ „ „ „ in way of Bridge	✓		Poop Deck.		
„ Angle in Walls	<i>6 x 6 x .60</i>	✓	Stringer Plate, breadth and thickness.....	✓	
Thickness of Plating abreast Deck openings in way of Wells	<i>55</i>	✓	Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge.....	<i>60</i>	✓	Bridge Deck.		
Thickness of Plating within line of openings...	<i>40</i>	✓	Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness.....	✓		Plating, Sheathing, material and thickness ...		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Walls	<i>82 3/4 x 38</i>		Stringer Plate, breadth and thickness.....	<i>36</i>	✓
			Plating, Sheathing, material and thickness...	<i>32 (un-sheathed)</i>	✓

SHELL PLATING.

SCANTLINGS.					RIVETING. (amidships)							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES <i>16.</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
Flat Plate Keel.....	<i>54</i>	<i>.80</i>	<i>.70</i>	<i>.70</i>		<i>Double</i>	<i>7/8</i>	<i>3 1/2</i>	<i>Three</i>	<i>7/8</i>	<i>4</i>	<i>Buttle strap lapping all round</i>
„ Dblg. (if any) <i>✓</i>												
Bottom Plating, No. of Strakes <i>ACD</i> <i>8</i>	<i>65</i>	<i>.60</i>	<i>50</i>	<i>50</i>		<i>Double</i>	<i>7/8</i>	<i>3 1/2</i>	<i>Two</i>	<i>7/8</i>	<i>3 1/2</i>	<i>A.B.C. Lapped inside straps</i>
Bilge Plating, No. of Strakes <i>E</i>	<i>64</i>		<i>50</i>	<i>50</i>		<i>Double</i>	<i>7/8</i>	<i>3 1/2</i>	<i>Two</i>	<i>7/8</i>	<i>3 1/2</i>	<i>Inside straps</i>
Side Plating, No. of Strakes <i>F.G.</i> <i>4.2</i>	<i>60</i>	<i>.65</i>	<i>48</i>	<i>48</i>		<i>Double</i>	<i>7/8</i>	<i>3 1/2</i>	<i>Three</i>	<i>7/8</i>	<i>3 1/2</i>	<i>Lapped</i>
Upper Deck, Sheer-strake in Wells <i>44 1/2</i>	<i>.73</i>		<i>.46</i>	<i>.46</i>					<i>Four</i>	<i>1"</i>	<i>4</i>	<i>Lapped</i>
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			<i>.40</i>			<i>Single</i>	<i>3/4</i>	<i>3</i>	<i>Single</i>	<i>3/4</i>	<i>2 1/4</i>	<i>Lapped</i>

4 Side sheer plating in painting area .54 in line of side stringers

8 Bottom sheer .70 forward of 26 from forward to Collision Bulk.

WATERTIGHT BULKHEADS. *5 per record*

Total No. of W.T. BULKHEADS in Vessel—
 Extending to Upper Deck (Sec. 3 c) *Collision Mtd.*
 „ Deck next below *6*
 As per Rule *4*

{ 6 Divisional W.T. Bulkheads in lower decks, but not including W.T. Bulkheads 14 where High W.T. does not enter }

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar				
STEM	<i>Roller steel</i>	<i>10.22</i>	<i>Steel Plate</i>	
STERN FRAME	<div> <div>Propeller Post</div> <div>Rudder</div> </div>	<div> <div><i>Fabricated as per app'd plan.</i></div> </div>	<div> <div><i>Columbia Construction Co. Inc.</i></div> </div>	
Speed of Vessel		<i>under 12 knots</i>		
RUDDER—Type		<i>Steam lined</i>		
" A x D		<i>57 1/2</i>		
" Diam. of head		<i>11 3/4</i>		
" Mainpiece at top pintle		<i>Fabricated as per app'd plan.</i>	<i>Columbia Construction Co. Inc.</i>	
" " heel				
" how constructed				
" double or single plate coupling, vertical or horizontal		<i>Double</i>		
		<i>Vertical.</i>		

		Plating Thickness.	STIFFENERS.				
			VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
14, 34, 53, 87, 109, 163, 166.							
MIDSHIP	BULKH'D, Upper 'tween decks	26	52-32-172	30			
"	" Second "	"					
"	" Third "	"					
"	Holds 109	45-26	12-31/2 x 50	30			
COLLISION	(in Hold) 161	53-29	10 x 3 1/2 x 40	26	42 x 48	2-5-8. Beam.	
AFTER PEAK	9	48-30	9-3 1/2 x 38	24	42 x 48	2-5-8. Beam.	

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture). *Open hearted*
Brown Long. Sheffield Birmingham - South Durham - Carr's Heat - Skinning process -
Calcutta. India Co.
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.)

Partially fabricated "B" type was sister to same builder "Empire Flag" Newcastle Report 101645.

Plans.

In London office

Certificates enclosed

Steel frame.

Rudder.

Rudder Stock.

Mast.

Samson posts.

Strut posts.

Whirlclass.

PARTICULARS OF ELECTRIC WELDING (if employed)

Steel frame & rudder. Alternate built of steel & other grades - Gussied to margin - Shear Lined -
2nd deck stringer chords - Ash short - Mast & mast bands

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

Steel - Lloyd's A.C.P. - D.F. +100.A.I. with foreward - Cruisers

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

1st Bower

Weight & pins = 44. 2. 21 - J.H.J. 5503 - 19. 3. 43.

2nd "

45. 0. 21 - J.H.J. - 5434. 12. 2. 43.

3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 39.46 ft.

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

Official No. 169148

Signal Letters B.F. K. K.

Extreme Breadth over Belting (Circ. 1611)

Over-all Length 446.27' (Circ. 1703)

No. and Material of Decks 2 decks (Steel)

Parts of Bottom of Vessel coated with cement or approved composition. Double bottom under boilers & bulgers, remainder finish
heads covered with cement & steel work covered washed.

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.
Double bottom, aft,	62.0	278	Fore peak tank,	Lower 105ins. Upper 38	143
Double bottom, under Engines and Boilers,			After peak tank,	20	104
Double bottom, under Engines only, (F.W.)	26.42	130	Deep tank, aft,	49.1	341
Double bottom, under Boilers only,	18.08	86	Deep tank, forward,	14.0	248
Double bottom, forward,	209.75	825	Other tanks, if fitted,		
Total length (if continuous) and Capacity	318.25	1241	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 5677

Date 3/12/42

Dates of Surveys held while building

1942. Nov. 19. 26. Dec. 8. 29. 1943. Jan. 5. Feb. 2. 9. 15. Mar. 16. 25. 30. Apr. 6. 8. May. 6. 20. June 17. 22. 30. July. 13. 20. 23. Aug. 5. 11. 24. Sept. 2. 21. 23. 24. 29. 28. 30. Oct. 5. 7. 14. 19. 22. 26. Nov. 1. 2. 11. 18. 25. 26. Dec. 1. 2. 4. 6. 7. 10. 15. 17. 20. 23. 24. 1944. Jan. 13. 27. 28. Feb. 2. 9. 11. 15. 22. 23. 24. 28. Mar. 3. 6. 7. 8. 9.

Total No. of Visits

71