

FIRST ENTRY "EASTHILL ESCORT"

STEEL STEAMER OR MOTORSHIP.

28 DEC 1943

Rpt. 1

RECEIVED

3 DEC 1943

IN D.O.

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

15 DEC 1943

Port of NEWCASTLE-ON-TYNE

No. 101731

Survey held at Walker-on-Tyne

Date First Survey 15th June 1942

Last Survey 30th November 1943

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw motor tanker "EMPIRE MACCABE"

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

Full Scantling

State Type of Erections

Pop, Bridge & Forecastle

TONNAGE under Tonnage Deck ...

7461.83

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

Total

Gross Tonnage

9248.64

Register Tonnage

4993.20

REGISTERED DIMENSIONS.

FEET

Length

469.85

Breadth

61.90

Draught

33.95

CLASS full in bulk F.P. above 150°F

State if with freeboard as condition of Class

Yes

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

FEET

L 463.0

Breadth (greatest moulded)

B

61.9

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

D

34.0 1/2

1st Longitudinal Number (L x D)

15760

2nd Numeral L x (B + D)

44350

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

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

13.63

Do. Long Bridge to top of keel

Draught Moulded

27.8 1/4

Built at Walker-on-Tyne

Launched 18th May 1943 Yard No. 1726

Builders Swan, Hunter, Wigham, Richardson & Co.

Owners Ministry of War Transport

Managers British Tanker Co.

(Where necessary to be entered in Reg. Book)

Residence

Port of Registry Newcastle

If surveyed while building, afloat, & in dry dock

yes

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 1/4	✓	Bracket Floors, Frame	✓	
from 1/2 length amidships to Collision bulkhead	27	✓	Reversed Frame	✓	
in peaks	24	✓	Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	63 3/4 - 54 x 46	✓
Frame Amidships, Angle, E or F	10 3 1/2 - 40	✓	top Angles	3 1/2 x 3 1/2 x 48 x 44	✓
Extends up to	Upper Deck	✓	bottom Angles	5 - 5 - 54 x 50	✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	2 - 62 x 46	✓
Extends up to	✓		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	10	✓	Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	✓		Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	to bilge	✓
Second 'tween Decks, Angle, E or F	✓		Gussets, spacing and scantling abaft 1/4 len. from stem		
Third	✓		Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
from 1/2 len. for'd. to 15% len. from Stem	10 3 1/2 - 40 11 3 1/2 - 47	✓ B.A. ✓	Tank Side Brackets, height above base line at toe of Frame and thickness		
in Peaks, Angle, E or F	8 3 1/2 - 46	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 - 4 7/8	✓	Breadth and thickness of Middle Line Strake	60 x 70 x 52	✓
State if Frame Joggled	yes	✓	Thickness of remainder in Holds	1.25 under engines	✓
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 Bankers and Boiler Room?	✓	
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, E or F	✓	
Floors, Depth and thickness at mid-line in Holds			in way of Bridge, Angle, E or F	✓	
Height of Brackets at side above base line at toe of frame			Spacing	✓	
Middle Line Keelson, on Floors, Angles, E or F			Second Deck, amidships, Angle, E or F	✓	
Through Plate or Inter-costal Plate			Spacing	✓	
Foundation Plate on Floors			Third Deck, amidships, Angle, E or F	✓	
Flat Plate Keel Angles			Spacing	✓	
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, E or F	✓	
thickness of Inter-costal Plate			Spacing	✓	
Angles			Poop Deck, Angle, E or F	8 3 - 35 9 3 1/2 - 44	✓
DOUBLE BOTTOM. Machinery space only			Spacing	every frame	✓
Solid Floors, thickness and spacing	42, 46, 50 & 62 every frame	✓	Bridge Deck, Angle, E or F	7 3 - 33	✓
Are Frame and Reversed Frame joggled?	yes	✓	Spacing	every frame	✓
Bracket Floors, breadth and thickness at middle line	✓		Forecastle Deck, Angle, E or F	9 3 1/2 - 38 8 3 - 33	✓
breadth and thickness at margin plate	✓		Spacing	every frame	✓

PILLARS AND DECKS.

PILLARS, No. of Rows	INCHES IN SHIP.				Any Departure from Approved Plans to be Noted.				INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
in 'tween Decks, Size and Spacing										
" " " " "										
in Holds " " "										
" " " " "										
Wing Centre Line Bulkhead Stiffeners and Spacing	3 1/4	10	3 1/2	40	B.A.					
Plating, thickness of		5/16		40						
STRINGERS AND DECKS.										
Uppermost Continuous Deck.										
Stringer Plate, breadth and thickness in Wells		72		72						
" " " " in way of Bridge		72		88	72					
" Angle in Wells		7		7	72					
Thickness of Plating abreast Deck openings in way of Wells		Centre strake		70						
Thickness of Plating abreast Deck openings in way of Bridge		14 inch		58						
Thickness of Plating within line of openings										
If Sheathed, material and thickness										
Second Deck.										
Stringer Plate, breadth and thickness in Wells										
Stringer Plate, breadth and thickness in way of Bridge										
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										
Third Deck.										
Stringer Plate, breadth and thickness										
If Plated, state thickness										
Fourth Deck.										
Stringer Plate, breadth and thickness										
If Plated, state thickness										
Poop Deck.										
Stringer Plate, breadth and thickness		48		38						
Plating, Sheathing, material and thickness		308		28	1/2 inch steel					
Bridge Deck.										
Stringer Plate, breadth and thickness		64		1/2	44					
Plating, Sheathing, material and thickness		32		Compositum in Acorn						
Forecastle Deck.										
Stringer Plate, breadth and thickness		36		38						
Plating, Sheathing, material and thickness		36		Bar steel						

SHELL PLATING.

STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	RIVETING.			
	AMIDSHIPS.		FORWARD.	AFT.		EDGES.		BUTTS.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.
	Inches.	Inches.	Inches.	Inches.					
Flat Plate Keel	53	99	82	82	1/4 inch on plan	2R	1 4		
" Dblg. (if any)									
Bottom Plating, No. of Strakes	4	65	76	67					
Bilge Plating, No. of Strakes	1	65	56	62		2R	7/8 3 1/2		
Side Plating, No. of Strakes	3	64	48	79		2R	7/8 3 1/2		
Upper Deck, Sheer-strake in Wells	63	98	48	48		2R	7/8 3 1/2		Electrically Welded.
Upper Deck, Sheer-strake in Bridge	63	118	98						
Strake below Sheer-strake in Wells	81 1/2	82	48	48					
Strake below Sheer-strake in Bridge	81 1/2	82				2R	1 4		
Poop Side Plating				508		2R	1 1/8 4 1/2		
Bridge Side Plating		44				1R	7/8 3 1/8		
Forecastle Side Plating			44			2R	3/4 3		
						1R	3/4 3		

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	16
" Deck next below	
As per Rule	

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				
STEM	Rolled Bar	10 x 2 3/4		
STERN FRAME	Cast Steel	11/8 x 8 1/4	2nd Steel Co. Company of Scotland	
Propeller Post				
Rudder				
Speed of Vessel	12 knots			
RUDDER—Type	As approved			
" A x D.	804			
" Diam. of head	13 3/4			
" Mainpiece at top pintle				
" heel				
" how constructed				
" double or single plate coupling, vertical or horizontal	Double			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks					
" " Second					
" " Third					
" " Holds					
COLLISION " (in Hold)					
AFTER PEAK "					

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	Comet Iron Co. Ltd. South Durham; Roman Long; Appleby Frodingham; Colvilles; Gays; Fleet; Raine Co. Ltd; Skinningrove Iron Co; Cammell Laird Steel Co.
	Has the Steel been tested as required by the Rules?
	Yes

Rpt. 1*.

Motor Tanker "EMPIRE MACCABE"

NEWCASTLE-ON-TYNE, No 101731

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.					
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Speng.	Inches.	Number.	Diameter.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	
Framing of L, L or C		Stringers in oil tanks.			Stringers in oil tanks.			Stringers in oil tanks.			Longit. Bulkheads.								
Frames in Bridge 'tween Decks		Shell.																	
Frames from Uppermost Continuous Deck		Upper stringer plate 30x42			Upper stringer plate 30x42			Upper stringer plate 30x42			Upper stringer plate 30x42								
No. 1					face 3 flange						face 3 flange								
2																			
3		Lower			30x42			Lower			30x42								
4					face 3 flange						face 3 flange								
5																			
6																			
7		Trans. Bldgs. Wing Tanks.						Trans. Bldgs. Centre Tanks.											
8		Upper stringer plate 26x40			Upper stringer plate 26x40			Upper stringer plate 30x40			Upper stringer plate 30x40								
9					face 3 flange						face 4 flange								
10		Lower			3 1/4 x 40			Lower			36 x 40								
11					face 3 flange						face 4 flange								
12																			
13																			
14																			
15		17 x 4 x 4 x .48/.68												7/8 5/16		7/8-3/8		16.	
16		spaced 3 1/4 wing tanks; 30 in Centre tanks.																	
Spacing of Longitudinal Frames		Amidships			At Ends														
Double Bottoms L, L or C		Tank Top Longitudinals																	
		Bottom																	
Spacing of Longitudinals		Amidships			At Ends														
Transverses.																			
In Bridge 'tween Decks		Depth and Thickness			Struts in Wing Tanks at									Rivets in Lugs to Shell					
		Face Angles			Wing Transverses									Diam.		Speng.			
		Lugs to Shell*			at upper stringer			at lower stringer											
In Upper 'tween Decks		Depth and Thickness			Channel 9x3 1/2 x 3 1/2 x .48/.54			Channel 10x3 1/2 x 3 1/2 x .56											
		Face Angles			angle 6x3 1/2 x .48			angle 6x3 1/2 x .56											
		Lugs to Shell*			Wing Tanks			Centre Tanks											
		Depth and Thickness			36 x 44			54 x 48											
		Face Angles			3 1/2 3 1/2 x 44 single			10 x 3 1/2 x 66 B.A. double											
In Hold.		Lugs to Shell*			6 6 44			6 x 6 x 48											
		" " Back Bars			3 1/2 3 1/2 .48			see plan											
		Brackets			44-5 flange			48-5 flange											
Spacing of Transverse Frames		State if joggled or liners.			10-5 see plan														
Longitudinal Beams of L, L or E		Bridge Deck			Wing Tanks			Centre Tanks											
		Upper			8 3 1/2 .47			8 3 1/2 .44											
		Second																	
		Third																	

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

002846-002852-0013/3

with note (Spec)

Lloyd's Register Foundation

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.)

This vessel is now a Merchant Aircraft Carrier, and a flight deck with all the necessary supporting structure has been fitted and modifications to the originally designed deck houses carried out as per approved plans.

Four additional lengths of chain cable have been supplied to suit Admiralty requirements.
No. 6 Centre Cargo Tank is now used for carrying individual tanks for petrol. The necessary seatings have been fitted in a satisfactory manner. ✓

The approved plans for the sister vessel "BRITISH RESPECT" Newcastle-on-Tyne report no 101186 are in the Wokingham office.

The approved plans as per attached list relating to the conversion to a M.A.C. and forging reports are forwarded with this report.

PARTICULARS OF ELECTRIC WELDING (if employed) Butts of Keel & shell plating; butts of upper deck plating; Seams & butts of fore-castle, bridge & poop decks; Engine room tank top seams & butts; Seams & butts of Tween deck plating in way of forward hold; Seams of upper deck plating at fore and aft ends only; butts & seams of oil tight flat forward. ✓

Electrodes used & methods employed are in accordance with the rules.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. *Cruiser stern; machinery aft; longitudinal framing at bottom and decks. Clonds A.V.P. E.S.D.; D.F.*

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

1st Bower ^{Wt} 47-0-24; Spk. K.L.; Ho. d Cert. 4709; Date 25-3-49.

2nd " WE 46-2-25; " S.P.R.; " 4693; " 19-3-42.

3rd " 103.1500 ¹⁰ 44.151

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop.....ft., R.Q.D. ☒ ft., Bridge 44'-5 1/4 ft., Forecastle 49'-0 ft.

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

Official No. 169174 Signal Letters G.C.R.B. Extreme Breadth over Belting - Over-all Length 105 1/2
(Circ. 1611) (Circ. 1703)

No. and Material of Decks. *10th Sil. 2nd DK clear of Cargo tanks.*

Parts of Bottom of Vessel coated with cement or ~~approved~~ composition. *Bottom of fore & after peak tanks, and engine room double bottom 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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	15	17.0	Fore peak tank,	23.0"	14.9
Double bottom, under Engines and Boilers, <i>Free Water</i>	27'6"	35 F.W.	After peak tank,	18'0"	8.2
Double bottom, if under Engines only,	32'6"	115 O.F.	Deep tank, aft, <i>C.O.</i>	3'6"	1.90
Double bottom, if under Boilers only,	-	at 40.8	Deep tank, forward, <i>C.O.</i>	3'6"	1.95
Double bottom, forward,	-		Other tanks, if fitted, <i>Deep Tank fwd.</i>	31'6"	5.3
Total length (if continuous) and Capacity	-		(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date 8/9/42

Dates of Surveys held while building

1942.
JUNE 15. JULY 8-20-22-27-29. AUG. 4-5-7-10-13-17-18-21-24-26-27-28-31. SEPT. 2-4-8-9-11-14-16-18-22-23-25-28. OCT. 1-6-7-8-16-23
OCT. 29-30. NOV. 9-13-16-20-25. DEC. 4-8-14-17-30.
1943 JAN. 12-13-21. FEB. 1-3-5-9-11-22-24. MAR. 3-4-8-12-16-19-22-23-26-29-30-31. APR. 1-2-5-6-7-8-9-12-13-14-16-19-15-21-22
APR. 29-30. MAY. 3-4-5-10-12-15-18-13-18-19-20-25-28-27-31. JUNE 7-8-17-21-22-25-30-2. JULY 5-6-7-9-19-23-28.
AUG. 11-18-20-24-26. SEPT. 1-2-6-8-9-15-21. OCT. 12-13-23-22-26-29. NOV. 2-3-8-9-12-15-22-24-25-26-29-30.

Total No. of Visits 154