

Received at London Office.

21 JUN 1941

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

State if Report is sent on the Machinery of the Vessel.....None.

Date of completion of report.

Port of NEWCASTLE-ON-TYNE

No. 63769

Survey held at Wilmington - Run-on - Type. Date First Survey (1945) Dec. 18 Last Survey June 17 1946

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) KADHAMAH (Barge non propelling)

State Type ☒ Full Scantling, Complete Superstructure with or without Tonnage Openings ..... A "Barge" "For Coastal Service in the ..... State Type of Erections None

TONNAGE under } 278.51  
Tonnage Deck ... }

CLASS +100A - State if with freeboard } yes  
 "Base" with Leeward. as condition of Class } FEET

Built at Wellington Quay-on-Tyne.

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

Length from fore part of stem to after part of stern } L ..... 160 ✓  
post on summer L.W.L. See Sec. 3 (1a)

Launched... 16<sup>TH</sup> May 1946... Yard No. 82...

Total 278.51

Breadth (greatest moulded) ..... B ..... 25 ✓  
 Depth, at middle of length from top of keel to top }  
 of beam at side of uppermost continuous } D ..... 8.5  
 deck. See Sec. 3 (1c) ..... }

Builders *Clelands (Successors) Ltd.*

Gross Tonnage ..... 308.63

1st Longitudinal Number ( $L \times D$ ).....= 1360 ✓

Owners British Tanker Co. Ltd.

REGISTERED DIMENSIONS.

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

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

Residence.....

Port of Registry.....*London*.....

*If surveyed while building, afloat, or in dry dock*

while building

## No. of Tons.

	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.....	24 ✓		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	
Frame Amidships, Angle, $\begin{matrix} \text{E or F} \\ \text{or } \end{matrix}$ .....	4 2½ 28 From Lower turn of bilge upper Deck ✓		" " top Angles .....	
" " Extends up to.....	upper Deck ✓		" " bottom Angles.....	
Reversed Frame Amidships, Angle (Face).....	2½ 2½ 28 ✓		Side Girders, No. each side and thickness.....	
" " Extends up to .....	upper Deck ✓		Margin Plate depth (excl. of flange) and thickness .....	
Depth of Framing Girder.....	4 ✓		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem .....	
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ] .....	—		" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area .....	
" " Second 'tween Decks, Angle, [ or ] .....	—		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....	
" " Third " " " " .....	—		" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area .....	
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem .....	4 2½ 28 L ✓		Tank Side Brackets, height above base line at toe of Frame and thickness }	
" " in Peaks, Angle $\begin{matrix} \text{E or F} \\ \text{from } \frac{1}{4} \text{ to deck} \end{matrix}$ .....	4 2½ 28 ✓		INNER BOTTOM PLATING.	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	9/8 dia 7 dias C to C ✓		Breadth and thickness of Middle Line Strake...	
State if Frame Joggled.....	no ✓		Thickness of remainder in Holds .....	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or 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 ?.....	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved ?.....	—		BEAMS.	
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships $\begin{matrix} \text{Wells, Angle, } \begin{matrix} \text{E or F} \\ \text{or } \end{matrix} \\ \text{HALF BEAMS} \\ \text{in way of Bridge, Angle, } \begin{matrix} \text{E or F} \\ \text{or } \end{matrix} \end{matrix}$ .....	5 3 28 ✓ every frame ✓ 3 2½ 30 ✓ every frame ✓ 24 ✓
Floors, Depth and thickness at mid-line in Holds.....	12 3½ 3½ 40 50 ✓		Spacing .....	
Height of Brackets at side above base line at toe of frame.....	—		Second Deck, amidships, Angle, [ or ] .....	
Middle Line Keelson, on Floors, Angles, $\begin{matrix} \text{E or F} \\ \text{or } \end{matrix}$ .....	3½ 3 36 Double ✓		Spacing .....	
" " Through Plate or Intercoastal Plate .....	30 ✓		Third Deck, amidships, Angle, [ or ] .....	
" " Foundation Plate on Floors .....	—		Spacing.....	
" " Flat Plate Keel Angles	3½ 3½ 30 Double ✓		Fourth Deck, amidships, Angle, [ or ] .....	
Side Keelsons, No. each side.....	10 ✓		Spacing.....	
" " thickness of Intercoastal Plate...	26 ✓		Poop Deck, Angle, [ or ] .....	
" " Angles Top.....	5 3 40 ✓		Spacing.....	
" " Bottom.....	2½ 2½ 26 ✓		Bridge Deck, Angle, [ or ] .....	
DOUBLE BOTTOM.			Spacing.....	
Solid Floors, thickness and spacing .....			Forecastle Deck, Angle, [ or ] .....	
" " Are Frame and Reversed Frame joggled ? .....			Spacing.....	
Bracket Floors, breadth and thickness at middle line .....				
" " breadth and thickness at margin plate.....				

(MADE IN ENGLAND.)

011130-011139-0022½

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Lloyd's Register  
Foundation



# 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 <i>47. F.R. peaks apply</i>		5	3	281	✓	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					
" " " " "						Thickness of Plating abreast Deck openings in way of Bridge					
" in Holds " " "						Thickness of Plating within line of openings...					
" " " " "						If Sheathed, material and thickness					
Centre Line Bulkhead. Stiffeners and Spacing						Third Deck. Stringer Plate, breadth and thickness					
Plating, thickness of						If Plated, state thickness					
STRINGERS AND DECKS. Uppermost Continuous Deck.						Fourth Deck. Stringer Plate, breadth and thickness					
Stringer Plate, breadth and thickness in Wells		80	x	36	to	25	✓	If Plated, state thickness			
" " " " in way of Bridge						Poop Deck. Stringer Plate, breadth and thickness					
" Angle in Wells		3/10	3/10	36	to	25	✓	Plating, Sheathing, material and thickness			
Thickness of Plating abreast Deck openings in way of Wells						Bridge Deck. Stringer Plate, breadth and thickness					
Thickness of Plating abreast Deck openings in way of Bridge						Plating, Sheathing, material and thickness					
Thickness of Plating within line of openings						Forecastle Deck. Stringer Plate, breadth and thickness					
If Sheathed, material and thickness						Plating, Sheathing, material and thickness					
Second Deck. Stringer Plate, breadth and thickness in Wells											

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>Bottom apply</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
Flat Plate Keel	42	1/4	1/4	1/4	✓	Double	3/4	3	Double to Double	3/4	2 5/8	Lapped
" Dblg. (if any)												
Bottom Plating, No. of Strakes	52	3/16	3/16	3/16	✓	Single & double for	3/4	3	Double	3/4	2 5/8	Lapped
Bilge Plating, No. of Strakes	58	3/16	3/16	3/16	✓	Single	3/4	3	Double	3/4	2 5/8	Lapped
Side Plating, No. of Strakes	50	3/16	3/16	3/16	✓	Single	5/8	2 1/2	Double	5/8	2 1/4	Lapped
Upper Deck, Sheer-strake in Wells	44	3/8	3/8	3/8	✓	Single	5/8	2 1/2	Double	3/4	2 5/8	Lapped
Upper Deck, Sheer-strake in Bridge												
Strake below Sheer-strake in Wells	45	3/16	3/16	3/16	✓	Single	5/8	2 1/2	Double	5/8	2 1/4	Lapped
Strake below Sheer-strake in Bridge												
Poop Side Plating												
Bridge Side Plating												
Forecastle Side Plating												

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— *3 BH for record*  
 Extending to Upper Deck (Sec. 3 c) *4 Bulkheads*  
 " Deck next below —  
 As per Rule *4 approved*

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks					
" " Second " HOLOS.					
" " Third FR 70	26 to 30	4 x 3 x 28 L	30"		
" " Holds FR 40	26 to 30	5 x 3 x 26 L	30"		
COLLISION " (in Hold) FR 73	30 to 32	6 x 3 x 30 BA	34"		
AFTER PEAK " FR 10	30 to 32	5 x 3 x 28 BA	34"		

## FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				
STEM				
STERN FRAME { Propeller Post				
" { Rudder				
Speed of Vessel				
RUDDER—Type				
" A x D				
" Diam. of head				
" Mainpiece at top pintle				
" " heel				
" how constructed				
" double or single plate coupling, vertical or horizontal				

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open Hearth*  
*Cornwall Iron Co. Dorman Long & Co. Appleby Frodingham & Co.*  
 Has the Steel been tested as required by the Rules? *Yes*



ANCHORS.

Steering Gear, Type (~~Power or hand~~) *Ride's Bridge type hand steering gear* ✓ Alternative Means of Steering *Block & tackle* ✓

Steering Chains (Size and Test) *1 1/16" dia* ✓ *5 3/4* *top statutory test* { *as* *after* *18.46* Windlass *Emerson & Walker* ✓ *Hand windlass* ✓ Boats *None* ✓

Ceiling in Holds, thickness and material *8" x 4" white pine* ✓ Cargo Battens, thickness, material and spacing *6" x 3" white pine 8" apart* ✓

Cargo Hatchways.—(Upper Deck) *2'-0" high of plates and angles* ✓ Thickness of Hatches *3" Wood* ✓

Size of Hatchways No. 1 (Fwd.) *40'-0" x 12'-0"* ✓ No. 2 *40'-0" x 12'-0"* ✓ No. 3 *—* No. 4 *—* No. 5 *—* No. 6 *—*

Number of Shifting Beams } *4 shifting beams each hatchway with 1 Fore & after on center (white pine)* ✓  
and/or Fore and Afters }

Builder's Signature *FOR AND ON BEHALF OF*  
*CLEVELAND (SUCCESSORS) LIMITED.*  
*D. W.*  
*DIRECTOR.*

This ship has been built in conformity with the Society's Rules and Regulations and the Secretary's letter. The scantlings and arrangements are in accordance with, or equivalent to, those shown on the approved plans. The materials and workmanship are good. The deck has been assigned and marked out in on the vessel's sides and verified. The peak tanks & cofferdams have been tested to Rule requirements and found satisfactory. Main and auxiliary steering gear and windlass have been tested under working conditions and found satisfactory. Weather deck has been hose tested with satisfactory results.

The amount of Entry Fee..... £ *✓* : : *Not yet* } Fees applied for,  
Special Survey Fee..... £ *54* : 0 : 0 } *19*  
*Freelboard Assignment* 4 0 0 } Received by me,  
Travelling Expenses, if any ..... £ : : } *19*

State whether the Vessel has been built under Special Survey *✓* *Yes*

Certificate to be sent to *in duplicate* **NEWCASTLE-ON-TYNE** Date of issue *29/7/46*

I am of opinion the Vessel should be Classed *+100A - "Barge"*  
*"For Coastal service in the Persian Gulf with freelboard."*

Signature *Stephen P. Cooke*  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute ✓

Character assigned +100A - "Barge" with freeboard.  
"For Coastal service in the Persian Gulf"

White Clover.  
" Blue.

Note for S.R.L.



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.)

PARTICULARS OF ELECTRIC WELDING (if employed)

upper Deck beams & bulkheads welded ✓ Stern frame & Rudder welded

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

"For Coastal Service in the Persian Gulf" ✓

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. 180880

Signal Letters

Extreme Breadth over Belting

25'-3 3/4"

Over-all Length

166'-3" ✓

No. and Material of Decks

1 Deck (steel) & web frames

Parts of Bottom of Vessel coated with cement or approved composition

Floors & bottom coated with Bitulac solution (Tropical Quality)

Peaks & Cofferdams swept

Curr smoothed

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,	13	38 ✓
Double bottom, under Engines and Boilers,	/	/	After peak tank,	20	87 ✓
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. 5792

Date 25/3/46

Dates of Surveys held while building

(1945) Dec. 18, 19, 24 (1946) Jan. 9, 14, 15, 17, 22, 28, Feb. 1, 15, 18, 19, 25, 26, Mar. 5, 12, 20, 27, Apr. 1, 3, 5, May 10, 13, 15, 16, June 13, 14, 17

Total No. of Visits 31