

RECEIVED

4 AUG 1950

IN D.O.

STEEL STEAMER OR MOTORSHIP, BARGE

Received at London Office

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

Yes NEWCASTLE-ON-TYNE, No. 107419

State if Report is sent on the Machinery of the Vessel.

No

Date of completion of report 25TH JULY 1950

Port of NEWCASTLE-ON-TYNE

No. 107532

Survey held at Wallsend-on-Tyne

Date First Survey 10TH DECEMBER 1940Last Survey 14TH JULY

1950

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

"KARKUNAN" (BARGE, non propelling)

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

"harge", "its coastal service in the Persian Gulf"

State Type of Erections None

TONNAGE under Tonnage Deck ...

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

ss Tonnage 327.56

ister Tonnage 327.56

REGISTERED DIMENSIONS.

FEET

Length 160.0

Breadth 25.1

Depth 8.0

CLASS 100A- "harge"

"its coastal service in the Persian Gulf"

State if with freeboard

as condition of Class

Length from fore part of stem to after part of stern

post on summer L.W.L. See Sec. 3 (1a)

L 160

Breadth (greatest moulded)

B 25

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

D 8.5

1st Longitudinal Number (L x D) = 1360

2nd Numeral L x (B + D) = 5360

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

✓

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

18.8

Do. Long Bridge to top of keel

✓

Draught Moulded 6'-0.11"

Built at Wallsend-on-Tyne

Launched 22nd June 1950 Yard No. 163

Builders Messrs. G. & J. (Successors) Ltd

Owners British Tankers Co Ltd

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 & 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	24 ✓		Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead	24 ✓		" " Reversed Frame		
" " in peaks	21 @ 24 ✓		" " Vertical Struts		
" " " AFT PEAK	24 ✓		Centre Girder, depth and thickness amidships		
SIDE FRAMING.			" " top Angles		
Frame Amidships, Angle, E or F	4 x 2 1/2 x 28 ✓		" " bottom Angles		
" " Extends up to	UPPER DECK ✓		Side Girders, No. each side and thickness		
EB FRAMES IN HOLDS 15 x 28			Margin Plate depth (excl. of flange) and thickness		
Reversed Frame Amidships, Angle FACE ANGLE	2 1/2 x 2 1/2 x 28 ✓		" " Vertical Angle to Tank side		
PACED EVERY FOURTH FRAME			Bracket abaft 1/4 len. from stem		
" " Extends up to	UPPER DK ✓		" " Vertical Angle to Tank side		
Depth of Framing Girder	4 ✓		Bracket from forward 1/4 len. from stem to Panting Area		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	✓		Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Second 'tween Decks, Angle, [or]	✓		Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
" " Third	✓		Tank Side Brackets, height above base line at toe of Frame and thickness		
" " from 1/2 len. for'd. to 15% len. from Stem	4 x 2 1/2 x 28 ✓		INNER BOTTOM PLATING.		
" " in Peaks, Angle	4 x 2 1/2 x 28 ✓		Breadth and thickness of Middle Line Strake		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 dia. 7 dia. c/c		Thickness of remainder in Holds		
State if Frame Joggled	NO ✓		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 the Panting Area in accordance with the Rules and/or as approved?	YES ✓		BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES ✓		Uppermost Continuous Deck, amidships		
SINGLE BOTTOM.			Wells, Angle, E or F	5 x 3 x 30 ✓	
Floors, Depth and thickness at mid-line in Holds	12 x 3 1/2 x 3 1/2 x 40 ✓		" " in way of Bridge, Angle	3 x 2 1/2 x 30 ✓	
Height of Brackets at side above base line at toe of frame	✓		HATCHWAYS L E or F	✓	
Middle Line Keelson, on Floors, Angles	3 1/2 x 3 x 36 double ✓		Spacing	EVERY FRAME	
" " Through Plate or Inter-costal Plate	.30 ✓		Second Deck, amidships, Angle, [or]		
" " Foundation Plate on Floors	✓		Spacing		
" " Flat Plate Keel Angles	3 1/2 x 3 1/2 x 30 double ✓		Third Deck, amidships, Angle, [or]		
Side Keelsons, No. each side	1 @ 6'-0"		Spacing		
" " thickness of Inter-costal Plate	.26 ✓		Fourth Deck, amidships, Angle, [or]		
" " Angles	5 x 3 x 40 SINGLE ✓		Spacing		
" " " BOTTOM	2 1/2 x 2 1/2 x 26 SINGLE ✓		Poop Deck, Angle, [or]		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			Bridge Deck, Angle, [or]		
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle, [or]		
" " breadth and thickness at margin plate			Spacing		

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.
IN F.G.A. PEAKS ONLY. ALTERNATIVE FRAMES					
PILLARS, No. of Rows	ON CENTRE LINE	5 x 3 x .30			
"	in 'tween Decks, Size and Spacing				
"	" " " " "				
"	in Holds " " "				
"	" " " " "				
Centre Line Bulkhead.					
Stiffeners and Spacing					
Plating, thickness of					
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells		42 x .36			
" " " " in way of Bridge		✓			
" Angle in Wells		3 1/2 x 3 1/2 x .25			
Thickness of Plating abreast Deck openings in way of Wells		.36			
Thickness of Plating abreast Deck openings in way of Bridge		✓			
Thickness of Plating within line of openings		.25			
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 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					
Plating, Sheathing, material and thickness					
Bridge Deck.					
Stringer Plate, breadth and thickness					
Plating, Sheathing, material and thickness					
Forecastle Deck.					
Stringer Plate, breadth and thickness					
Plating, Sheathing, material and thickness					

SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.	
	AMIDSHIPS.		FORWARD.	AFT.		State if Joggled?		No. of Rows of Rivets.	RIVETS.
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.		
	Inches.	Inches.	Inches.	Inches.			Diam. Spacing cr. to cr. Inches.	Inches.	Spacing cr. to cr. Inches.
Flat Plate Keel	42	44	40	40		D.R.	3/4 3		
" Dblg. (if any)									
Bottom Plating, No. of Strakes	5 1/2	.36	.36	.32		S.R. (D.R. FOR)	3/4 3		
Bilge Plating, No. of Strakes	4 1/2	.36	.32	.32		S.R.	3/4 3		
Side Plating, No. of Strakes									
Upper Deck, Sheer-strake in Wells	43 1/2	.38	.28	.28		S.R.	5/8 2 1/2		
Upper Deck, Sheer-strake in Bridge									
Strake below Sheer-strake in Wells	44 1/2	.36	.28	.28		S.R.	5/8 2 1/2		
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—

Extending to Upper Deck (Sec. 3 c) 4

Deck next below ✓

As per Rule 4 approved.

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks					
" " Second "					
" " Third	FR 40	26-32	3 x 3 x .26	30	
" " Holds	FR 70	26-30	3 x 3 x .36	30	
COLLISION " (in Hold)	FR 73	30-32	5 x 3 x .30	24	
AFTER PEAK "	FR 10	30-32	4 x 3 x .30	24	

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		Flat		
STEM		5 1/2 x 1		
STERN FRAME				
Propeller Post		✓		
Rudder		5 1/2 x 1 1/8		
Speed of Vessel		18 exceeding 10 knots		
RUDDER—Type		ORDINARY		
" A x D		75		
" Diam. of head		4 1/2		
" Mainpiece at top pintle		4 1/2		
" " heel		4 1/2		
" how constructed		Rudders are cast in one piece		
" double or single plate coupling, vertical or horizontal		single		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Barnett Low Co.

Dorman Long & Co. Ltd.

Has the Steel been tested as required by the Rules? Yes.

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 a sister ship to Range "KANGAR" Newcastle Rpt No 107412.
The following approved plans forwarded with report.

- ① Midship Section
- ② Main Deck & Cargo Hatches
- ③ Framing Plan
- ④ Flat Plate Keel, Girders & Side Keelsons.
- ⑤ Bulkheads & Chain Locks
- ⑥ Shell Expansion
- ⑦ Detail of Aft Deckhouse
- ⑧ Steering Gear Leads
- ⑨ Steamtrunk & Rudders
- ⑩ Pumping Plan

The following "As Built" plans forwarded with report.

- ① Midship Section
- ② Main Deck & Cargo Hatches
- ③ Framing Plan

Steel Invoices enclosed herewith.

PARTICULARS OF ELECTRIC WELDING (if employed) Rudders & Stern Tramp, Deck butts & seams, shell butts, bulkhead seams & stiffeners.

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

"As Coastal Service in the Persian Gulf"
Cargo battens not fitted.
Hull Electric Welded.

RADAR Equipment (State if fitted) No

State Type or Pattern No.

State } Maker
Name } and/or
of } Supplier

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. 183282

Signal Letters.

Extreme Breadth over Belting 25' - 3 3/4" (Circ. 1611)

Over-all Length 166' - 2" (Circ. 1703)

No. and Material of Decks.

1 Deck (Steel) & web frames

Parts of Bottom of Vessel coated with cement or approved composition. Fire & after peaks cement washed.

In holds, floors, bottom & sides coated with bituminous solution & hot enamel (Bitulac). Buffersdam, red lead only.

Particulars of composition (if fitted) and of approval.

As above

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	40.6
Double bottom, under Engines and Boilers,			After peak tank,	20	87.7
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. 5920

Date 11/11/49

Dates of Surveys held while building

(1949) DEC. 19, (1950) JAN. 24, FEB. 16, 20, 23, MAR. 1, 6, 13, 15, APR. 4, 17, 25, 28, MAY 9, 25, JUNE 2, 5, 8, 9, 15, 16, 21, 22, 23, 26, 27, JULY 11, 14

Lloyd's Register Foundation
Total No. of Visits 28