

STEEL STEAMER OR MOTORSHIP.

21 JUN 1946

Received at London Office

RECEIVED

6 JUL 1946

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. *103768*

Survey held at

Wilmington Quay on Tyne

Date First Survey *(1946) Jan 3rd*

Last Survey

May 16th 1946

On the

(State if Machinery fitted with or without Tonnage Openings)

"KAWAIKI" (Barge propelling)

State Type

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

A "Barge" for Coastal Service in the Pacific Gulf

State Type of Erections

None

TONNAGE under Tonnage Deck ...

278.51

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

Total

278.51

Gross Tonnage

308.63

Register Tonnage

308.63

CLASS *+100A-*

"Barge" with freeboard

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)

160

Breadth (greatest moulded)

25

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

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"

Built at *Wilmington Quay on Tyne*

Launched *30th April 1946* Yard No. *83*

Builders *Clelands (Successors) Ltd*

Owners *British Tanker 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

REGISTERED DIMENSIONS.

FEET

Length *160.0*

Breadth *25.1*

Draught *7.65*

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.....		<i>24</i>							
" " from $\frac{1}{2}$ length amidships to Collision bulkhead.....		<i>24</i>							
" " in peaks.....		<i>24</i>							
SIDE FRAMING.									
Frame Amidships, Angle, <i>E or F</i>		<i>4</i>	<i>2 1/2</i>	<i>28</i>					
Extends up to.....									
<i>Web frames 15" x 28</i>									
Reversed Frame Amidships, Angle.....		<i>2 1/2</i>	<i>2 1/2</i>	<i>28</i>					
Spacing as per profile plans.....									
Extends up to.....									
Depth of Framing Girder.....		<i>4</i>							
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E or F</i>									
" " Second 'tween Decks, Angle, <i>E or F</i>									
" " Third.....									
from $\frac{1}{2}$ len. for'd. to 15% len. from Stem.....		<i>4</i>	<i>2 1/2</i>	<i>28</i>	<i>L</i>				
in Peaks, Angle <i>E or F</i>		<i>4</i>	<i>2 1/2</i>	<i>28</i>	<i>L</i>				
Diameter and Spacing of Rivets through Frame and Shell Plating amidships.....		<i>5/8 dia.</i>	<i>7</i>	<i>dias c to c.</i>					
State if Frame Joggled.....		<i>1/2</i>							
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?.....									
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?.....									
SINGLE BOTTOM.									
Floors, Depth and thickness at mid-line in Holds.....		<i>12</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>40/50</i>				
Height of Brackets at side above base line at toe of frame.....									
Middle Line Keelson, on Floors, Angles, <i>E or F</i>		<i>3 1/2</i>	<i>3</i>	<i>30</i>	<i>Double</i>				
" " Through Plate or Inter-costal Plate.....			<i>30</i>						
" " Foundation Plate on Floors.....									
" " Flat Plate Keel Angles.....		<i>3 1/2</i>	<i>3 1/2</i>	<i>30</i>	<i>Double</i>				
Side Keelsons, No. each side.....		<i>None</i>							
" " thickness of Intercoastal Plate.....			<i>26</i>						
" " Angles.....		<i>5</i>	<i>3</i>	<i>40</i>					
DOUBLE BOTTOM.									
Solid Floors, thickness and spacing.....									
" " Are Frame and Reversed Frame joggled?.....									
Bracket Floors, breadth and thickness at middle line.....									
" " breadth and thickness at margin plate.....									
Bracket Floors, Frame.....									
" " Reversed Frame.....									
" " Vertical Struts.....									
Centre Girder, depth and thickness amidships.....									
" " top Angles.....									
" " bottom Angles.....									
Side Girders, No. each side and thickness.....									
Margin Plate depth (excl. of flange) and thickness.....									
" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem.....									
" " Vertical Angle to Tank side Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area.....									
" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem.....									
" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area.....									
Tank Side Brackets, height above base line at toe of Frame and thickness.....									
INNER BOTTOM PLATING.									
Breadth and thickness of Middle Line Strake.....									
Thickness of remainder in Holds.....									
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?.....									
BEAMS.									
Uppermost Continuous Deck, amidships.....		<i>5</i>	<i>3</i>	<i>28</i>					
" " Well, Angle, <i>E or F</i>									
" " HALF BEAMS, Angle, <i>E or F</i>									
Spacing.....									
Second Deck, amidships, Angle, <i>E or F</i>									
Spacing.....									
Third Deck, amidships, Angle, <i>E or F</i>									
Spacing.....									
Fourth Deck, amidships, Angle, <i>E or F</i>									
Spacing.....									
Poop Deck, Angle, <i>E or F</i>									
Spacing.....									
Bridge Deck, Angle, <i>E or F</i>									
Spacing.....									
Forecastle Deck, Angle, <i>E or F</i>									
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.	
PILLARS, No. of Rows	<i>in F.A.A. peaks only</i>	5	3	28	L						
"	<i>alternate frames on centre line</i>										
"	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		80	x .36	To .25							
" " " " in way of Bridge											
" Angle in Wells		3 1/4	3 1/2	.36	To .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 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											
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. <i>Bottom only</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	.44	.40	.40		Double	3/4	3	Double	3/4	2 5/8	Lapped
" Dblg. (if any)												
Bottom Plating, No. of Strakes	52	.36	.36	.32		Single & double	3/4	3	Double	3/4	2 5/8	Lapped
Bilge Plating, No. of Strakes	58	.36	.32	.32		Single	3/4	3	Double	3/4	2 5/8	Lapped
Side Plating, No. of Strakes	50	.36	.32	.32		Single	5/8	2 1/2	Double	5/8	2 1/4	Lapped
Upper Deck, Sheer-strake in Wells	44	.38	.28	.28		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	.36	.28	.28		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—

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					
" " <i>HOLDS</i>					
" " <i>Third</i>	F.P. 70	26 to 30	4 x 3 x 28 L	30"	
" " Holds	F.P. 40	26 to 32	5 x 3 x 26 L	30"	
COLLISION " (in Hold)	F.P. 72	30 to 32	6 x 3 x 30 BA	24"	
AFTER PEAK "	F.P. 10	30 to 32	5 x 3 x 28 BA	24"	

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		75		
Diam. of head		4 1/2 dia		
Mainpiece at top pintle		4 1/2 dia		
" " heel		4 1/2 dia		
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)

Carnegie Steel Co.; Dorman Long & Co.; Appleby Frodingham & Co.

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.)

PARTICULARS OF ELECTRIC WELDING (if employed)

Upper Deck seams and Butts 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. 180881 Signal Letters Extreme Breadth over Belting 25'-3 1/4" Over-all Length 166'-3" (Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 Deck (steel) & web frames

Parts of Bottom of Vessel coated with cement or approved composition

Floors and bottom coated with Bitulac solution (Tropical Quality). Peaks & Cofferdams, cement

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,	/	/	Fore peak tank,	13	38
Double bottom, under Engines and Boilers,	/	/	After peak tank,	40	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. 5798

Date 25/3/46

Dates of Surveys held while building

(1946) Jan. 3, 9, 14, 15, 17, 22, 28 Feb. 1, 15, 18, 19, 24, 25, 26, Mar. 5, 12, 20, 28 Apr. 1, 3, 5, 11, 15, 17, 23, 25, 26, 30 May 14, 16

Total No. of Visits 31

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