

STEEL STEAMER OR MOTORSHIP.

Received at London Office 4-7-52

State if Report has been sent on the Freeboard of the Vessel NOState if Report is sent on the Machinery of the Vessel YESDate of completion of report 26/6/52Port of IPSWICHNo. 124941Survey held at WIVENHOEDate First Survey 14-6-51Last Survey 30/4/52

19

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW MOTOR TANK BARGE "KINAFISHER C" MACHINERY AFT.State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) ✓State Type of Erections ✓TONNAGE under 66.58
Tonnage Deck 104.71CLASS A. N. BARGE.State if with freeboard as condition of Class NOBuilt at WIVENHOEDo. of space or spaces between Tonnage Dk. and Upper Dk. 4.46Length from fore-part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 81.0Breadth (greatest moulded) B 14.5Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 7.51st Longitudinal Number (L x D) 17822nd Numeral L x (B + D) 1782Framing Depth "d," at middle of length. See Sec. 3 (1d) 6.0Proportions—Depth to Length—Uppermost continuous deck to top of keel 6.0
Do. Long Bridge to top of keelDraught Moulded 6.0Launched 8-1-52 Yard No. 1048Builders JAS. W. COOK & CO (WIVENHOE) LTD.Owners JAS. W. COOK & CO. LTD.

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

Residence

Port of Registry HULL

If surveyed while building, afloat, or in dry dock

DURING CONSTRUCTION.

REGISTERED DIMENSIONS.

FEET

81.014.67.35

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	<u>26</u>		Bracket Floors, Frame	
" " from C length amidships to Collision bulkhead	<u>26</u>		" " Reversed Frame	
" " in peaks <u>2 E ROOM.</u>	<u>18 1/2</u>		" " Vertical Struts	
DE FRAMING.			Centre Girder, depth and thickness amidships	
Frame Amidships, Angle, <u>E or F</u>	<u>3 x 2 1/2 x 3/16</u>		" " top Angles	
" " Extends up to <u>UPPER DECK.</u>			" " bottom Angles	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	
" " Extends up to <u>26</u>			Margin Plate depth (excl. flange) and thickness	
Depth of Framing Girder	<u>3"</u>		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	
" " Second 'tween Decks, Angle, [or]			" " Gussets, spacing and scantling abaft 1/2 len. from stem	
" " Third " " " "			" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	
" " from 1/2 len. for'd. to 15% len. from Stem	<u>3 x 2 1/2 x 3/16</u>		Tank Side Brackets, height above base line at toe of Frame and thickness	
" " in Peaks, Angle <u>E or F</u>	<u>3 x 2 1/2 x 3/16</u>		INNER BOTTOM PLATING.	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<u>5/8 3 3/4</u>		Breadth and thickness of Middle Line Strake	
State if Frame Joggled	<u>NO</u>		Thickness of remainder in Holds	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<u>YES</u>		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?	<u>YES</u>		BEAMS.	
DOUBLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, <u>E or F</u>	<u>2 1/2 x 2 1/2 x 1/4</u>
Floors, Depth and thickness at mid-line in Holds	<u>5 x 3 x 3/16</u>		" " in way of Bridge, Angle, [or]	
Height of Brackets at side above base line at toe of frame			Spacing	<u>20</u>
Middle Line Keelson, on Floors, Angles, [or]	<u>4 x 3 x 3/8</u>		Second Deck, amidships, Angle, [or]	
" " Through Plate or Inter-costal Plate			Spacing	
" " Foundation Plate on Floors			Third Deck, amidships, Angle, <u>E or F</u>	
" " Flat Plate Keel Angles			Spacing	
Side Keelsons, No. each side	<u>ONE.</u>		Fourth Deck, amidships, Angle, [or]	
" " thickness of Inter-costal Plate			Spacing	
" " Angles <u>DOUBLE.</u>	<u>3 x 2 1/2 x 1/4</u>		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.
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			
„ „ „ „ „		✓		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.				Third Deck.			
Stiffeners and Spacing <i>ALTERNATE FRAMES.</i>	3" x 2 1/2" x 1/4"	✓		Stringer Plate, breadth and thickness.....			
Plating, thickness of	3/16	✓		If Plated, state thickness			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells	3 3/4" x 1/4"	✓		If Plated, state thickness.....			
„ „ „ „ in way of Bridge		✓		Poop Deck.			
„ Angle in Wells	5" x 4" x 3/8"	✓		Stringer Plate, breadth and thickness.....			
Thickness of Plating abreast Deck openings in way of Wells	✓			Plating, Sheathing, material and thickness ..			
Thickness of Plating abreast Deck openings in way of Bridge.....	✓			Bridge Deck.			
Thickness of Plating within line of openings...	✓			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 Wells	✓			Stringer Plate, breadth and thickness.....			
				Plating, Sheathing, material and thickness...			

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP	BULKH'D, Upper 'tween decks					
"	" Second "					
"	" Third "					
"	" Holds	1/4"	4" x 3/8	18"		
COLLISION	" (in Hold)	1/4"	4" x 3/16	24"		
AFTER PEAK	"					

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Detail from Approved Plans to be
KEEL, Bar		6" x 3/4"	len 16 1/2 ft	
STEM		5" x 3" x 5/16"	double	
STERN FRAME {				
Propeller Post		3/4" fabricated	3" x 1 3/4"	
Rudder				
Speed of Vessel		7 1/2	knos.	
RUDDER—Type			Semi balanced.	
" A x D				
" Diam. of head		2 3/4"		
" Mainpiece at top pintle		2 1/2"		
" " heel		2"		
" how constructed		3/4 fabricated.		
" double or single plate		double		
" coupling, vertical or		vertical		
" horizontal		horizontal		

Manufacturer's Name or Trade Mark *Appleby Frodingham.* the Steel used in the construction of the Vessel (state process of manufacture) *Open Hearth.*

STEEL. *Dorman Long & Co. and Carruthers & Co.*

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

EQUIPMENT No.

LETTER *as in old*

ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
6149	1st Bower	3	2	22				6	3	0	14		<i>Hall's Type Stocken</i>		<i>Bradley Heath 19/12/50. H. Phillips</i>
	2nd "														
	3rd "														
	Collective weight	3	2	22											
	Stream														

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.			Length and size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire.	Length and size per Table 53.	
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Fathoms.	Ins.					Fathoms.	Ins.		Fathoms.	Ins.
2235	30 1/2	3/4	10 1/8	15 1/8	9	3	14			<i>Steel Cable</i>	<i>Cannock</i>	<i>Bradley Heath 19/12/50. H. Phillips</i>	<i>TOWLINE</i>	25	6	<i>Q. 1</i>		
													<i>HAWSERS & WARPS</i>	20 1/2	4	<i>Q. 1</i>		
														25	4	<i>Q. 2</i>		
														60	2	<i>Q. 3</i>		

Steering Gear, Type (Power or hand) *Hand.* Alternative Means of Steering *Hand & M.*
Steering Chains (Size and Test) *3/8" 32 1/2 cwt's Cwt N: 58737* Windlass *Hand.* Boats *One ref.*
Railing in Holds, thickness and material *hane* Cargo Battens, thickness, material and spacing *hane*

Hatchways.—(Upper Deck) Thickness of Hatches *Yank lids 3/16"*
Hatchways No. 1 (Fwd.) *36" x 24"* No. 2 *36" x 24"* No. 3 *36" x 24"* No. 4 *36" x 24"* No. 5 No. 6

of Shifting Beams } *hane.* For and on behalf of
Fore and Afters } **JAMES W. COOK & Co. (Wivenhoe) LTD.**

Builder's Signature

GENERAL MANAGER

DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel. *motorship*
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. *Yank Barge* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

This Yank Barge has been built under special survey in conformity with the Society's Rules & Regulations, the Secretary's letters and to comply with the Civil & Collier Navigation Authority requirements to General Specification for Petroleum Barges. The scantlings and arrangement of the ship are as in the report, and as shown and amended on the approved plans forwarded with report on the sister ship "Kestrel C". All modifications or additions to the original approved arrangements made in the construction have been indicated on the plans and have been approved as being in accordance with standards equivalent to the Rule requirements. The plans of the midships section & profile & decks showing as built, and forwarded with report on previous sister ship "Kestrel C", have been checked with approved arrangements & found in order. All cargo tanks (4 in number) double bottom fuel tanks in room port & starb. fresh water circulating tank (port side of aft cofferdam) have all been tested & requirements on the stocks & found in order. The material & workmanship are sound & good and the vessel eligible in my opinion for the class intended.

Amount of Entry Fee. £ : : Fees applied for, *3/4 1951 Scale*
1/4 1952 Scale £ 45.12.6
Special Survey Fee. £ 11.12.0
Travelling Expenses, if any £ 11.12.0

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed **+A1. "BARGE"**
CARRYING PETROLEUM IN BULK
FOR CANAL & ESTUARY SERVICE.

Signature

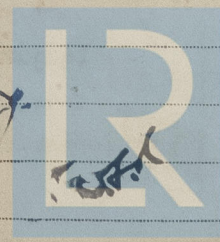
Surveyor to Lloyd's Register of Shipping.

Whether the Vessel has been built under Special Survey *Yes*
Certificate to be sent to *Jos W. Cook (Wivenhoe) Ltd.* Date of issue *3/8/52*

Committee's Minute

Character assigned

+A1 Barge
Carrying Pet. in bulk
for Canal & Estuary Service
Lloyd's Reg. & Co.

*+LMC 4.52**Subject.**O.G.**Note (H.M.)*

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CLASSIFICATION
CERTIFICATES WRITTEN
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.)

Solo Ship: "Kestrel C" Report No. 1000

The following plans as built forwarded with report on "Kestrel C" also cover this ship as built.

Scantling sections
Shell expansion & bulkheads.
General Steelwork Plan.

Stem frame & keels. approved 23/1/51.

Motor Boat Fuel Tanks as approved 15/2/51 Drawing No. 2009

General welding and erection procedure as approved 23/1/51. Modified expansion trunk.

Cargo & ballast pumping arrangement as approved 3/9/51.

Pumping & piping arrangement as approved 20/3/51 and amended 22/11/51

Bulkhead Plans as approved 1/10/51

Portable fire extinguishers fitted as follows: 2 in Engine Room 1 in Pump Room and 1 Forward.

PARTICULARS OF ELECTRIC WELDING (if employed)

The transverse bulkheads are electrically welded, also the partial double bottom fuel tanks in Engine Room. The expansion trunk including deck connection and deck butts & shell butts in way of cargo tanks. The stem frame & keels are of fabricated welded construction, and all welding is in accordance with drawings approved.

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

For Canal & Estuary Service. Pumping petroleum in bulk.
Machinery aft. Part electric welded. Engines A & C.P.
F.K.

RADAR Equipment (State if fitted)

State Type or Pattern No.

State
Name of
Maker
and/or
Supplier

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

1st Bower No. 2.0.14. JHT 10440. 6/9/50.
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. Signal Letters Extreme Breadth over Belting 14' 7 1/4" Over-all Length 84' 0"

No. and Material of Decks One - Steel

Parts of Bottom of Vessel coated with cement or approved composition Engine Room.

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 double bottom, but Cofferdams and Dry Tanks (if fitted) are to be included

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
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.

Date

Dates of Surveys held while building

14/6/51. 4/7/51. 13/7/51. 20/7/51. 17/8/51. 20/8/51. 5/9/51. 21/9/51. 28/9/51. 9/10/51.
26/10/51. 5/11/51. 14/11/51. 26/11/51. 5/12/51. 11/12/51. 8/1/52. 24/1/52. 4/2/52. 4/4/52.
21/4/52. 25/4/52. 30/4/52.
10/4/51. 2/5/51. 20/6/51. 14/6/51. 7/8/51. 3/10/51. 27/11/51.

Total No. of Visits 230