

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

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) ✓ State Type of Erections. ✓

Built at WYENHOE

Launched 27-10-51 Yard No. 1047

Builders JAS. W. COOK & CO. (WIVENHOE) L.

Owners Jas W. Cook & Co. Ltd.

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

Residence

Port of Registry..... *ALL.*

If surveyed while building, afloat, or in dry dock

BUILDING.

		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.			INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
MES, Spacing amidships.....		20	✓	Bracket Floors, Frame			
" " from 1/2 length amidships to Collision bulkhead.....		20	✓	" " Reversed Frame.....			
" " in peaks .. E-ROOM.		18 1/2	✓	" " Vertical Struts			
E FRAMING.				Centre Girder, depth and thickness amidships			
Frame Amidships, Angle, E or F		3 x 2 1/2 x 5/16	✓	" " top Angles			
" " Extends up to.....		UPPER DECK	✓	" " bottom Angles.....			
Reversed Frame Amidships, Angle		✓		Side Girders, No. each side and thickness.....			
" " Extends up to		✓		Margin Plate depth (excl. of flange) and thickness			
Depth of Framing Girder.....		3	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem			
Frames in Uppermost Continuous 'tween Decks, Angle, [or]		✓		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area			
" " Second 'tween Decks, Angle, [or]		✓		" " 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		3 x 2 1/2 x 5/16	✓	Tank Side Brackets, height above base line at toe of Frame and thickness			
in Peaks, Angle E or F		3 x 2 1/2 x 5/16	✓	INNER BOTTOM PLATING.			
Diameter and Spacing of Rivets through Frame and Shell Plating amidships		5/8 - 3 3/4	✓	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?		YES	✓	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?.....		YES	✓	BEAMS.			
DOUBLE BOTTOM.				Uppermost Continuous Deck, amidships in Wells, Angle, E or F	2 1/2 x 2 1/2 x 1/4	✓	
Stems, Depth and thickness at mid-line in Holds.....		5 x 3 x 5/16	✓	" " in way of Bridge, Angle, [or]		✓	
Height of Brackets at side above base line at toe of frame.....		✓		Spacing	20	✓	
Middle Line Keelson, on Floors, Angles, E or F		4 x 3 x 3/8	✓	Second Deck, amidships, Angle, [or]			
" " " Through Plate or Intercostal Plate		✓		Spacing			
" " " Foundation Plate on Floors		✓		Third Deck, amidships, Angle, [or]			
" " " Flat Plate Keel Angles		✓		Spacing.....			
Side Keelsons, No. each side.....		ONE	✓	Fourth Deck, amidships, Angle, [or]			
" " thickness of Intercostal Plate.....		✓		Spacing.....			
" " Angles		3 x 2 1/2 x 1/4	DOUBLE	Poop Deck, Angle, [or]			
Spacing		✓		Spacing.....			
DOUBLE BOTTOM.				Bridge Deck, Angle, [or]			
Solid Floors, thickness and spacing		✓		Spacing.....			
" " Are Frame and Reversed Frame joggled?		✓		Forecastle Deck, Angle, [or]			
Bracket Floors, breadth and thickness at middle line		✓		Spacing.....			
" " breadth and thickness at margin plate.....		✓					

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		✓					
" in 'tween Decks, Size and Spacing		✓					
" " " " " "		✓					
" in Holds " " " "		✓					
" " " " " "		✓					
Centre Line Bulkhead.							
Stiffeners and Spacing	3 x 2 1/4 x 1/4		ALT. FRAMES				
Plating, thickness of	3/16						
STRINGERS AND DECKS.							
Uppermost Continuous Deck.							
Stringer Plate, breadth and thickness in Wells	33 - 1/4						
" " " " in way of Bridge		✓					
" Angle in Wells	5 x 4 x 3/8						
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		✓					
Second Deck.							
Stringer Plate, breadth and thickness in Wells		✓					
Stringer Plate, breadth and thickness in way of Wells							
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.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled? No	SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAP LAP.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
Flat Plate Keel.....	48	5/16	5/16	5/16	/	D.R.	5/8	2 1/4	/	Two	5/8	2 1/4	Strap
" Dblg. (if any)	RUBBING STRIP 4"x1" From Aft To 14 FRAME.												
Bottom Plating, No. of StrakesONE....	44	1/4	1/4	1/4	/	D.R.	5/8	2 1/4	/	Two	5/8	2 1/4	/
Bilge Plating, No. of StrakesONE....	45	5/16	5/16	5/16	/	D.R.	5/8	2 1/4	/	Two	5/8	2 1/4	/
Side Plating, No. of StrakesONE....	60	1/4	1/4	1/4	/	D.R.	5/8	2 1/4	/	Two	5/8	2 1/4	/
Upper Deck, Sheer-strake in Wells.....					/	Shell seams simple riveted at ends.			Shell butts welded in way of cargo tanks				
Upper Deck, Sheer-strake in Bridge ...					/								
Strake below Sheer-strake in Wells					/								
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—		Casting or Forging.		Scantlings.	Maker's Name.	Any Dep. from Ap. Plans to b
Extending to Upper Deck (Sec. 3 c) 7						
" Deck next below ✓						
As per Rule 3						

	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 5/16	24		
AFTER PEAK " "	✓				

		Casting or Forging.	Scantlings.	Maker's Name.	Any Dep. from Ap. Plans to b
KEEL, Bar					
STEM			6 x 3/4 BULB PLATE 5 x 3 x 5/16 DOUBLE ANGLE		
STERN FRAME {	Propeller Post	FABRICATED	5 x 1 3/4		
	Rudder				
Speed of Vessel			7.5 KNOTS		
RUDDER—Type			SEMI BALANCED		
" A x D.....			✓		
" Diam. of head			2 3/4		
" Mainpiece at top pintle			2 1/2		
" " heel			2		
" how constructed			FABRICATED		
" double or single plate			DOUBLE		
" coupling, vertical or					
" horizontal			HORIZONTAL		

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

Has the Steel been tested as required by the Rules?
YES

EQUIPMENT No.										LETTER <i>"a" Red</i>	ANCHORS.									
Deposited by Approved Date.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Description of Anchor.	Makers.	Where and when tested, and Superintendent.							
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.									
5.0	1st Bower	3	2	20				6	3	0	14		BRADLEY HEATH 19-12-50 H. PHILLIPS							
	2nd "																			
	3rd "																			
	Collective weight	3	2	20																
	Stream																			

CHAIN CABLES.													HAWERS AND WARPS.						
Date.	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.		
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Length.		Cir.	Length.	Cir.
46	30	3/4	10/8	15/8	10-1-0	242	30	3/4	STUD LINK.	✓	BRADLEY HEATH.	27-3-51. H. PHILLIPS	TOWLINE						
✓	✓	✓	✓	✓	✓		✓	✓											
✓																			
Stream or Wire	✓	Cir.						(Cir.					HAWERS & WARPS	25	6	Cais	✓		
													20	15	4	Cais	✓		
													25	25	4	Sisal	✓		
													60	60	2	Sisal.	✓		

Steering Gear, Type (Power or hand) HAND Alternative Means of Steering TILLER
 Steering Chains (Size and Test) 3/8" TEST 32 1/2 CWT'S. CERT. N° 2480 Windlass HAND Boats ONE
 Lifting in Holds, thickness and material NONE Cargo Battens, thickness, material and spacing NONE

Ways.—(Upper Deck) Thickness of Hatches TANK LIDS 3/16"
 Ways 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

Shifting Beams } NONE
 Fore and Afters }
 Builder's Signature X For and on behalf of **JAMES W. COOK & Co. (Wivenhoe) LTD.**
 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. ✓
 Whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo TANKER 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 ship has been built under special survey in conformity with the Society's Regulations and the Secretary's letter. The scantlings & arrangement of the ship are in the report and as shown & amended on the approved plans now forwarded. All alterations or additions to the original approved arrangements made during the construction are indicated on the plans & have been approved as being in accordance with, or by way of equivalent to, the Rule requirements. The plans of the midship section and profile showing the ship as built, now forwarded herewith, have been checked with the approved arrangements and found in order.
 All cargo tanks (4) double bottom fuel tanks in engine room port & starboard and a circulating tank (port side of aft cofferdam) have all been tested to Rule requirements on the stocks & found in order. The materials and workmanship are sound & good and the vessel eligible in my opinion for class intended.*

Amount of Entry Fee..... £ : : Fees applied for, 21/5/1952 (Special notations, where part of class, to be stated.)
 Special Survey Fee..... £ 37:10:0 Received by me, _____
 Travelling Expenses, if any £ 9:8:5 19 _____
 State whether the Vessel has been built under Special Survey yes
 Certificate to be sent to James W. Cook (Wivenhoe) Ltd. Date of issue FRI. 20 JUN 1952
 Committee's Minute _____
 Character assigned +A1 Barge Carrying Petroleum in bulk
"For Canal & Estuary Service"
 Signature John Sell R. P. S.
 Surveyor to Lloyd's Register of Shipping.

Lloyd's A+C.P.
 + LMC 3,52. Oil Eng. Subject
 O.G.
 White Star (L).
 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 copy of the Plans should be embodied.)

Similar
Sister Ship "Albatross C" Report No. 121253

The following plans as built accompany this report
Shell Expansion & Bulkheads.
Scantling Sections
General Steelwork Plan.

Stemframe & Ladder as approved 23/1/51
Motor Sealing & Fuel Oil Tanks as approved 15/2/51. Drawing 2009.
General Welding and Erection Procedure as approved 23/1/51 Modified Expansion Plans.
Cargo & Ballast Pumping Arrangements as approved 3/9/51.
Pumping & Ripping Arrangements as approved 20/2/51 and amended 28/11/51.
Bulkhead Gland as approved 1/10/51. without wood pad.

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

PARTICULARS OF ELECTRIC WELDING (if employed) The transverse bulkheads are electrically welded, also the bottom bunkers tanks in Engine Room, the expansion trunk including deck connection and deck built in way of trunk. The stemframe & ladder are of welded construction, and all welding is in accordance with approved drawings.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book
For Canal & Estuary Service. Carrying petroleum in bulk.
Machinery aft. Part Electric Welded. Lloyds A & C.P.
E.K.

RADAR Equipment (State if fitted)

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. 2-0-14 J.H.T. 10421. 6-9-50. Certificate number Newcastle 26/51
2nd "
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. 185708 Signal Letters Extreme Breadth over Belting 14-7 1/4" Over-all Length 84-0"
(Circ. 1811) (Circ. 1703)

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 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,		
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

2/5/51. 18/5/51. 22/5/51. 29/5/51. 5/6/51. 14/6/51. 4/7/51. 13/7/51. 20/7/51. 7/8/51. 20/8/51.
5/9/51. 21/9/51. 24/9/51. 28/9/51. 3/10/51. 9/10/51. 14/11/51. 26/11/51. 5/12/51. 22/2/52. 12/3/52.

Lloyd's Register
Foundation
Total No. of Visits 24