

STEEL STEAMER OR MOTORSHIP.

Received at London Office

1876/53

State if Report has been sent on the Freeboard of the Vessel *ho.*State if Report is sent on the Machinery of the Vessel *yes.*Date of completion of report *16th June 1953* Port of *Swedish* No. *124211*Survey held at *Wivenhoe* Date First Survey *11/12/51* Last Survey *24/3/53* 19On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Single Screw Motor Launch Barge "SWALLOW C" - machinery a/c.*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Launch Barge.* State Type of Erections *"*TONNAGE under Tonnage Deck *66.68* CLASS *A.1. Barge.* State if with freeboard as condition of Class *ho.* Built at *Wivenhoe*Do. of space or spaces between Tonnage Dk. and Upper Dk. *5.60* Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *81.0* Launched *9/5/52* Yard No. *1063*Total *71.68* Breadth (greatest moulded) *14.6* Builders *Jas W. Cook & Co (Wivenhoe) Ltd*Gross Tonnage *71.68* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *7.5* Owners *Jas W. Cook & Co Ltd.*Register Tonnage *44.69* 1st Longitudinal Number (L x D) *=* Managers *(Where necessary to be entered in Reg. Book)*REGISTERED DIMENSIONS. FEET Residence *Hull.*Length *81.0* Port of Registry *Hull.*Breadth *14.6* If surveyed while building, afloat, or in dry dockDepth *7.35* *During Construction*

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.....	20	✓	Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead.....	20	✓	" " Reversed Frame.....		
" " in peaks <i>E. ROOM</i>	18 1/2	✓	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <i>3 x 2 1/2 x 5/16</i>	<i>3 x 2 1/2 x 5/16</i>	✓	" " top Angles		
" " Extends up to <i>upper deck.</i>	<i>upper deck.</i>	✓	" " 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		
Frames in Uppermost Continuous <i>tween</i> Decks, Angle, [or]			Bracket abaft 1/2 len. from stem.....		
" " Second 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side		
" " Third " " " " " " " "			Bracket from forward 1/2 len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from Stem	<i>3 x 2 1/2 x 5/16</i>	✓	Gussets, spacing and scantling abaft 1/2 len. from stem.....		
" " in Peaks, Angle <i>3 x 2 1/2 x 5/16</i>	<i>3 x 2 1/2 x 5/16</i>	✓	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>5/8 3/4</i>	✓	Tank Side Brackets, height above base line at toe of Frame and thickness		
State if Frame Joggled.....	<i>ho</i>	✓	INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>4/2</i>	✓	Breadth and thickness of Middle Line Strake.....		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>4/2</i>	✓	Thickness of remainder in Holds		
SINGLE BOTTOM.			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?		
Floors, Depth and thickness at mid-line in Holds.....	<i>3 x 3 x 5/16</i>	✓	BEAMS.		
Height of Brackets at side above base line at toe of frame.....			Uppermost Continuous Deck, amidships in Wells, Angle, [or]	<i>2 1/2 x 2 1/2 x 1/4</i>	✓
Middle Line Keelson, on Floors, Angles, [or]	<i>4 x 3 x 3/8</i>	✓	" " in way of Bridge, Angle, [or]		
" " " Through Plate or Inter-costal Plate			Spacing	<i>20</i>	✓
" " " Foundation Plate on Floors			Second Deck, amidships, Angle, [or]		
" " " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side.....	<i>One</i>	✓	Third Deck, amidships, Angle, [or]		
" " thickness of Inter-costal Plate.....			Spacing.....		
" " Angles <i>Double. 3 x 2 1/2 x 1/4</i>	<i>Double. 3 x 2 1/2 x 1/4</i>	✓	Fourth Deck, amidships, Angle, [or]		
DOUBLE BOTTOM. <i>E.R. FUEL TANK (SIDES)</i>			Spacing.....		
Solid Floors, thickness and spacing	<i>5/16 18 1/2</i>	✓	Poop Deck, Angle, [or]		
" " Are Frame and Reversed Frame joggled?	<i>ho.</i>	✓	Spacing.....		
Bracket Floors, breadth and thickness at middle line			Bridge Deck, Angle, [or]		
" " breadth and thickness at margin plate.....			Spacing.....		
			Forecastle Deck, Angle, [or]		
			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		✓			
" in 'tween Decks, Size and Spacing		✓			
" " " " " "		✓			
" in Holds " " " "		✓			
" " " " " "		✓			
Centre Line Bulkhead, Stiffeners and Spacing	<i>Alternate frames</i>	$3 \times 2\frac{1}{2} \times \frac{1}{4}$	✓		
Plating, thickness of	<i>spacing</i>	$\frac{40"}{9/16}$	✓		
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells	33	$30' \times \frac{1}{4}$			
" " " " in way of Bridge		✓			
" Angle in Wells	$5 \times 4 \times \frac{3}{8}$	✓			
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		✓			
Plating, Sheathing, material and thickness ...		✓			
Forecastle Deck.					
Stringer Plate, breadth and thickness		✓			
Plating, Sheathing, 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 ...		✓			

STRAKES.				AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.		EDGES.			BUTTS.						
				AMIDSHIPS.		FORWARD.		AFT.		State if beveled?			No. of Rows of Rivets.		RIVETS.		STRAFFED OR LAPPED.		
				Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	RIVETS.				Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.	
				Inches.	Inches.	Inches.	Inches.				Inches.	Inches.			Inches.	Inches.			
Flat Plate Keel.....				48	3/16	3/16	3/16			D.R.	3/8	2 1/4	2	3/8	2 1/4	Strapped			
,, Dblg. (if any)				Riveting bars 4" x 1" from g/h to 1 1/4 frames.															
Bottom Plating, No. of Strakes				44	1/4	1/4	1/4			D.R.	3/8	2 1/4	2	3/8	2 1/4				
Bilge Plating, No. of Strakes				45	3/16	3/16	3/16			D.R.	3/8	2 1/4	2	3/8	2 1/4				
Side Plating, No. of Strakes				60	1/4	1/4	1/4			D.R.	3/8	2 1/4	2	3/8	2 1/4				
Upper Deck, Sheer-strake in Wells.....				<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border-left: 2px solid black; border-right: 2px solid black;"></div> </div>															
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																			

Total No. of W.T. BULKHEADS in Vessel—		4 ✓	
Extending to Upper Deck (Sec. 3 c)		✓	
" 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 ✓	3 x 2 1/2 ✓	18 ✓		
COLLISION " (in Hold)	1/4 ✓	3 x 2 1/2 ✓	24 ✓		
AFTER PEAK "					

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		6 x 3 1/2 double plate		✓
STEM	rolled	3 x 3 x 3/4 double angles		
STERN FRAME	Propeller Post	fabricated	6 x 1 1/2 x 1/4	
	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 Heart.*
*Dorman Long & Co. Ltd. * Sheffield & New Steel Co. Ltd.*
Has the Steel been tested as required by the Rules? *Yes.*

[illegible]

CHAIN CABLES.										HAWSEERS 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.			
	Length.	Diam.	Status.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Tons.	Fathoms.	Length.	Cir.
5806	30 1/2	3/4	10-1	15-1	9.1-6.	✓			Slack link	H. Humphrey & Co.	Lithuania 4/12/57. H. Humphrey.	TOWLINE.							
												HAWSEERS } & WARPS }	25	6"	60ai				
												"	30	4"	83al ✓				
												"	25	4"	83al				
												"	60	2"	83al.				

Steering Gear, Type (Power or hand) *Hand - 722 x chain. 125.* Alternative Means of Steering *Hand 1. 1. 1.*

Steering Chains (Size and Test) *3/8" short link. 32 1/2 c.w.s. bent 40° 38 1/2* Windlass *Hand.* Boats *One.* Carley Float

Ceiling in Holds, thickness and material _____ Cargo Battens, thickness, material and spacing _____

Cargo Hatchways.—(Upper Deck) *Steel Oiltight* Thickness of ~~Hatches~~ *Plank 1 1/2" 3/16"*

Size of 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 _____

Number of Shifting Beams } *none.*
and/or Fore and Afters }

For and on behalf of
Builder's Signature: **JAMES W. COOK & Co. (Wivenhoe) LTD.**
Charlie
GENERAL MANAGERS

GENERAL 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.....
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo..... *Sanctus.* 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 Rules & Regulations and the Secretary's letter. The scantlings & arrangements of the ship are as given in the report & as shown & amended on the approved plans now forwarded. All modifications or additions to the original approved arrangements, made during the construction, have been indicated on the plans & have been approved as being in accordance with, or by standards equivalent to the Rule requirements. The plans of the ship's section and the profile & deck, showing the ship as built & now forwarded herewith, have been checked with the approved arrangements & found in order.

All cargo tanks (4) double bottom fuel tanks in engine room port & starb. fresh water circulating water tank (port side of aft cofferdam) have all been tested to rule requirements on the stocks & found in order. The materials & workmanship are sound & good, and the vessel eligible in my opinion for the class intended.

The amount of Entry Fee..... £ : : Fees applied for, 17/6/53

Special Survey Fee..... £ 70 0 0 Received by me, 19

Travelling Expenses, if any £ 7 15 2

I am of opinion the Vessel should be Classed + A1. Barge.

State whether the Vessel has been built under Special Survey 4/5

Certificate to be sent to J. W. Cook & Co. (Wharfedale) Ltd. Date of issue 29/5/53

Signature L. L. L. Surveyor to Lloyd's Register of Shipping.

Committee's Minute _____
Character assigned _____
+ A1 "Barge" Carrying Petroleum in bulk.
For Canal & Estuary service.
Lloyd's A & C.P.

Write Ips.
" Devin (on reply)
(m)

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.)

Sister Ships "Kestrel C" & "Kampfesha C"

The following plans "as built" accompany this report:—Scantling Section, Shell Expansion & Bulkheads and General Steelwork Plan. Stiffeners & Liners.

Insulin Sealing as approved 11/1/52. Drawing N° 2035.
Cargo & Ballast Pumping gear as approved 22/5/52 Drawing N° 2042.
Pump Drive Sealing & Piping as approved 22/5/52. Drawing N° 2044 A.
Bulkhead Plans as approved. 11/10/51.

Portable fire extinguishers fitted as follows:—2 in Engine Room. One at Pump Room entrance and one forward

PARTICULARS OF ELECTRIC WELDING (if employed) The transverse bulkheads are electrically welded, also the double bottom fuel tanks in Engine Room, the expansion tank including deck connection and deck bulkheads in way of tanks, also the stiffeners and strakes 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

In Canal & Estuary Service carrying Petroleum in Bulk. Machy aft. Part Elec Welded. Ropes A & C.P.

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 2.0.10. AEG. 2547. 15/10/51. Certificate issued at Sunderland.
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. 185128. Signal Letters ☒ Extreme Breadth over Belting 14' 7 1/4" Over-all Length 84' 0" ☒

No. and Material of Decks One Steel. ☒ (Circ. 1611) (Circ. 1703)

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

11/12/51. 27/12/51. 8/1/52. 24/1/52. 4/2/52. 18/2/52. 11/3/52. 12/3/52.
21/4/52. 26/4/52. 30/4/52. 9/5/52. 27/5/52. 20/6/52. 17/7/52. 23/7/52.
8/9/52. 23/10/52. 18/11/52. 3/1/53. 4/2/53. 27/3/53.

Total No. of Visits 24

No S.S.O.F. available.