

4 JAN 1945

IN D.C.

STEEL STEAMER ~~OR~~ MOTORSHIP.

21 JAN 1945

Received at London Office—

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

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

Date of completion of report 3rd November 1944 - Port of Hull

No. 52691.

Survey held at Knottingley & Goolse Date First Survey 29th March 1944. Last Survey 3rd November, 1944.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Keel screw Coastal lighter "VIC 81".* *Mchly. aft.*

State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)* *Full Scantling* State Type of Erections *Pop-Ro deck - Yerevan*

TONNAGE under } 98.87
Tonnage Deck ... }

CLASS * 100 A-1-


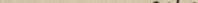
State if with freeboard } No.
as condition of Class }

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

"COASTING SERVICE"

Length from fore part of stem to after part of stern } L 80'-0"✓
post on summer L.W.L. See Sec. 3 (1a) }

Total 98.87

Breadth (greatest moulded)  B  20'-0" ✓

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) } D 9'-6" ✓

Tonnage 146.49

1st Longitudinal Number (L x D).....= 760 ✓

2nd Numeral $L \times (B + D)$ = 2360 ✓

Framing Depth "d," at middle of length. See } 8'-5 1/2".
Sec. 3 (1d).....

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 8.4 ✓

Do. Long Bridge to } ✓
top of keel }

Draught Moulded **8'7"**

Built at Knottingley

Launched 19th August 1944 Yard No. 182.

Builders John Harker Ltd

Owners The Ministry of War Transport.

Managers Messrs Newton Tattle & Wilson Ltd.
(Where necessary to be entered in Reg. Book)

Residence London.

Port of Registry..... Hull

If surveyed while building, afloat, or in dry dock

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	21		Bracket Floors, Frame	
" " from $\frac{3}{8}$ length amidships to Collision bulkhead.....	21		" " Reversed Frame.....	
" " in peaks $F-P$	21	see plan or A.P.	" " Vertical Struts	
IDE FRAMING.			Centre Girder, depth and thickness amidships	
Frame Amidships, Angle, E or F	4 2 1/2 -28		" " top Angles	
" " Extends up to UPPER & R. & DECKS			" " bottom Angles.....	
Reversed Frame Amidships, Angle	2 1/2 2 1/2 -26		Side Girders, No. each side and thickness	
" " Extends up to ACROSS FLOORS			Margin Plate depth (excl. of flange) and thickness	
Depth of Framing Girder	4		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	
Frames in Uppermost Continuous 'tween Decks, Angle, C or F			" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area	
" " Second 'tween Decks, Angle, C or F			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....	
" " Third " " " " " " " ".....			" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area	
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem			Tank Side Brackets, height above base line at toe of Frame and thickness	
" " in Peaks, Angle E or F	4 2 1/2 -28		INNER BOTTOM PLATING.	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships			Breadth and thickness of Middle Line Strake.....	
State if Frame Joggled	16.		Thickness of remainder in Holds	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?			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?.....			BEAMS.	
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, E or F	4 2 1/2 -30
Floors, Depth and thickness at mid-line in Holds	12 x -28		" " in way of RAISED QUARTER DECK E or F	4 2 1/2 -30
Height of Brackets at side above base line at toe of frame.....			Spacing	21
Middle Line Keelson, on Floors, Angles, C or F			Second Deck, amidships, Angle, C or F	
" " " Through Plate or Intercoastal Plate	12 x -28		Spacing	
" " " Foundation Plate on Floors	2 - 8" x -28		Third Deck, amidships, Angle, C or F	
" " " Flat Plate Keel Angles			Spacing.....	
Side Keelsons, No. each side	ONE		Fourth Deck, amidships, Angle, C or F	
" " thickness of Intercoastal Plate.....	-28		Spacing.....	
" " Angle.....	5 x 3 x -38		Poop Deck, Angle, E or F	4 2 1/2 -30
DOUBLE BOTTOM.			Spacing.....	21
Solid Floors, thickness and spacing			Bridge Deck, Angle, C or F	
" " Are Frame and Reversed Frame joggled?			Spacing.....	
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle, E or F	4 2 1/2 -30
" " breadth and thickness at margin plate.....			Spacing.....	21

(MADE IN ENGLAND.)

007528-007536-0101 1/2

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	TWO-	✓	Stringer Plate, breadth and thickness in way of Bridge		
FORECASTLE			Thickness of Plating abreast Deck openings in way of Wells		
in 'tween Decks/ Size and Spacing	2 1/2" DWG- 42"	✓	Thickness of Plating abreast Deck openings in way of Bridge		
" " " " " "	✓		Thickness of Plating within line of openings...		
" " " " " "	✓		If Sheathed, material and thickness		
in Holds " " " "	✓				
" " " " " "	✓				
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing	✓		Stringer Plate, breadth and thickness		
Plating, thickness of	✓		If Plated, state thickness		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness		
Stringer Plate, breadth and thickness in Wells	38 1/2" x 30	✓	If Plated, state thickness		
" " " " " in way of Bridge	✓				
" " " " " Angle in Wells	✓		Poop Deck.		
Thickness of Plating abreast Deck openings in way of Wells	30	✓	Stringer Plate, breadth and thickness	24	✓
Thickness of Plating abreast Deck openings in way of Bridge	✓		Plating, Sheathing, material and thickness	24 - 2 1/2" O.PINE	✓
Thickness of Plating within line of openings...	30	✓	R.Q. Bridge Deck.		
If Sheathed, material and thickness	✓		Stringer Plate, breadth and thickness	63" - 48" x 24	✓
Second Deck.			Plating, Sheathing, material and thickness	24	✓
Stringer Plate, breadth and thickness in Wells	✓		Forecastle Deck.		
			Stringer Plate, breadth and thickness	60" x 24	✓
			Plating, Sheathing, material and thickness	24 - 2 1/2" O.P.	✓

SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. WELDED.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.		BUTTS.	
	Breadth.	Thickness.	Thickness.	Thickness.				No. of Rows of Rivets.	STRAPPED OR LAPPED.
Flat Plate Keel	36	36	36	36		WELDED.			WELDED
" Dblg. (if any)	✓	✓				✓			✓
Bottom Plating, No. of Strakes	65 1/2	32	32	28		WELDED			WELDED
Bilge Plating, No. of Strakes	40	32	32	28		"			"
Side Plating, No. of Strakes	47 1/2	28	24	24		"			"
Upper Deck, Sheer-strake in Wells	47	28	24	24		"			"
Upper Deck, Sheer-strake in Bridge	✓	✓							
Strake below Sheer-strake in Wells	✓	✓							
Strake below Sheer-strake in Bridge	✓	✓							
Poop Side Plating		24				WELDED			WELDED
R.Q. DECK									
Bridge Side Plating	69 1/2	24				"			"
Forecastle Side Plating	46" x 40"	24				"			"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	3 See letter 23.2.45
" 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 ON FRAME NO. 16	38-26	5 x 3 x 30	28 1/2"		
COLLISION " (in Hold) "	38-26	4 x 2 1/2 x 30	24"		
AFTER PEAK " "	3	3 x 2 1/2 x 25	24"		
	4	2 1/2 x 2 1/2 x 25	30"		

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		FLAT PLATE KEEL.		
STEM		6" x 1"		
STERN FRAME { Propeller Post		5" x 2 1/2"		5 1/4" x 2 1/4"
{ Rudder "		5" x 2 1/2"		5 x 2 1/4"
Speed of Vessel		8 KNOTS.		
RUDDER—Type		SINGLE PLATE TYPE.		
" A x D		✓		
" Diam. of head		4"		
" Mainpiece at top pintle		4"		
" " heel		4"		
" how constructed		FORGED & BUILT.		
" double or single plate coupling, vertical or horizontal		SINGLE PLATE.		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH PROCESS.
	PLATES:— APPLEBY-FRODINGHAM STEEL CO. LD.
	SECTIONS:— " " " " DORMAN, LONG & CO. LD.
	Has the Steel been tested as required by the Rules? YES.

EQUIPMENT No. 2676												LETTER	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.				Cwts.			
58371	1st Bower	4	0	24	✓	STOCKLESS	✓	6	12	2	0	✓	3 EX STOCK	HALLS TYPE (CAST STEEL HEAD)	NOT STATED	CRADLEY HEATH 4-8-44 W. V. NORMAN		
58372	2nd "	4	1	0	✓	"	✓	6	12	2	0	✓	3 " "	" " "	" "	" " "		
	3rd "				✓								6 " "					
	Collective weight	8	1	24														
46825	Stream	0	3	4	✓	0	1	0	✓	2	16	2	14	✓	3/4 EX STOCK	ORDINARY STOCK ANCHOR	NOT STATED	CRADLEY HEATH 28-3-44 W. V. NORMAN.
														HAWERS AND WARPS				

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.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Ins.		Length.	Ins.
	Fathoms	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms	Ins.					Fathoms	Ins.	Tons.	Fathoms	Ins.
68248	90	1/16	8 1/2	12 3/4	24-0-6	21-3-12	90	1/16	STUD LINK.	B. HINGLEY & SONS	CRADLEY HEATH 24-4-44 W.V. NORMAN	TOWLINE	95	5		95	5
												HAWSERS & WARPS	75	3		75	3
68481	Stream Chain Steel Wire	45 5/16	7/16	2 1/4	4 1/2	5-1-12	45	7/16	SHORT LINK.	B. HINGLEY & SONS	CRADLEY HEATH 6-6-44 W.V. NORMAN		75	2 1/2			

Steering Gear, Type (Power or hand) HAND - FISHERS LD. Alternative Means of Steering TILLER WITH BLOCKS & TACKLE

Steering Chains (Size and Test) 5/8" DIAR. 4-12-2-0 Windlass STEAM-EMERSON, WALKER LTD. Boats 1-14'3" x 5'7" x 2'2"

Ceiling in Holds, thickness and material 2 1/2" SCOTCH FIR. Cargo Battens, thickness, material and spacing NONE.

Cargo Hatchways.—(Upper Deck) STEEL PLATES & ANGLES. Thickness of Hatches 2 1/2"

Size of Hatchways No. 1 (Fwd.) 31'6" x 13'6" No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters 7 HATCHWAY BEAMS. For JOHN HARKER LIMITED.

Builder's Signature E. H. Shurkettle SHIPYARD MANAGER

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 No.

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo No. 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 in conformity with the Society's Rules and Regulations and the Secretary's letters. ✓ The scantlings and arrangements are in accordance with, or equivalent to, those shown on the approved plans. ✓

The supervision of the specification has been carried out. ✓

The materials & workmanship are good. ✓

One peak tank has been tested to rule requirements and found in order. ✓

Decks, shell, casings, hatchways, watertight bulkheads &c. hoisted and found in order. ✓

Windlass Steering arrangements tried under working conditions and found in order. ✓

A freeboard has been assigned, the marks cut in on the vessel's sides and verified. ✓

The amount of Entry Fee..... £ 2 : 0 : 0
 FREEBOARD FEE..... £ 4 : 0 : 0
 Special Survey Fee..... £ 20 : 0 : 0
 SUPERVISION OF SPECIFICATION..... £ 5 : 0 : 0
 Travelling Expenses, if any..... £ 5 : 6 : 3

Fees applied for,

Received by me,

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

I am of opinion the Vessel should be Classed *100 A-1.COASTING SERVICE—
PORTS IN THE U.K., CHANNEL ISLANDS, ISLE OF MAN &
EIRE EXCLUDING THE WEST COAST OF IRELAND.Signature W. Macleod
Surveyor to Lloyd's Register of Shipping.State whether the Vessel has been built under Special Survey Yes.Certificate ~~to be~~ sent to Hull.Date of issue 26/2/45

Committee's Minute

Character assigned

*100A1 Coasting Service—Ports in the U.K., Channel Islands, Isle of Man and Eire, excluding the West Coast of Ireland.

Lloyd's A & C.P.

LMC 11.44

O.G.

1 Vertical boiler WP 12016

White Hull.

" Lys.

"Cargo battens not fitted"

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.)

The approved plans are being retained for reference in dealing with sister vessels under construction ✓

Copy of completion and interim certificates, also steering chain test certificate are enclosed herewith.

✓ cargo battens not fitted

PARTICULARS OF ELECTRIC WELDING (if employed)

Vessel welded throughout
Approved electrodes employed on this work.

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

* 100 A.1. COASTING SERVICE.
(LIGHTER)

PORTS IN THE U.K., CHANNEL ISLANDS, ISLE OF MAN, EIRE, EXCLUDING
THE WEST COAST OF IRELAND.

CARGO BATTENS NOT FITTED.

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

1st Bower

2-2-5 incl. pass.

A.E.G.

1673.

15-6-44.

2nd "

2-2-11 "

A.E.G.

1683.

28-6-44.

3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 65 ft., R.Q.D. 1925 ft., Bridge ✓ ft., Forecastle 13.8 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 180310.

Signal Letters. ✓

Extreme Breadth over Belting
(Circ. 1611) ✓

Over-all Length 85.2'
(Circ. 1703)

No. and Material of Decks 10K (STE).

Parts of Bottom of Vessel coated with cement or approved composition BITUMASTIC SOLUTION.

Particulars of composition (if fitted) and of approval A.M.S. BRANCH.

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,	44.0"	34
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. 3456

Date 4/11/44.

Dates of Surveys
held while building

1944:- March 29. April 26. May 9. 18. 25. June 5. 15. 22. 28. July 19. 31. August 3. 10. 16.
August 30. Sept 15. 18. 22. 27. Oct 9. 12. 20. 27. Nov 3.

Total No. of Visits 24.