

004387-004393-0012 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	✓		Stringer Plate, breadth and thickness in way of Bridge		
(POOP & FORE SPACES) STEEL DIVISION			Thickness of Plating abreast Deck openings in way of Wells		
in 'tween Decks, Size and Spacing	BULKHEADS & AS APPROVED.	✓	Thickness of Plating abreast Deck openings in way of Bridge		
" " " " " "			Thickness of Plating within line of openings		
in Holds	✓		If Sheathed, material and thickness		
" " " " " "	✓		Third Deck.		
Centre Line Bulkhead.	✓		Stringer Plate, breadth and thickness		
Stiffeners and Spacing			If Plated, state thickness		
Plating, thickness of	✓		Fourth Deck.		
STRINGERS AND DECKS.			Stringer Plate, breadth and thickness		
Uppermost Continuous Deck.			If Plated, state thickness		
Stringer Plate, breadth and thickness in Wells	36 x 40	✓	Poop Deck.		
" " " " in way of Bridge	✓		Stringer Plate, breadth and thickness	52 x 26	✓
" Angle in Wells	3 1/2 3 1/2 40	✓	Plating, Sheathing, material and thickness	26	✓
Thickness of Plating abreast Deck openings in way of Wells	40	✓	Bridge Deck.		
Thickness of Plating abreast Deck openings in way of Bridge	✓		Stringer Plate, breadth and thickness	✓	
Thickness of Plating within line of openings	28 x 26	✓	Plating, Sheathing, material and thickness	✓	
If Sheathed, material and thickness	✓		Forecastle Deck.		
Second Deck.			Stringer Plate, breadth and thickness	22" to 16" x 26	✓
Stringer Plate, breadth and thickness in Wells	✓		Plating, Sheathing, material and thickness	26	✓

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>yes.</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.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
Flat Plate Keel.....	<i>37</i> ✓	<i>.42</i> ✓	<i>.38</i> ✓	<i>.38</i> ✓		<i>SINGLE</i> ✓	<i>3/4</i> ✓	<i>6R.</i> ✓	<i>3-2</i> ✓	<i>3/4</i> ✓	<i>2 5/8</i> ✓	<i>STRAPPED</i>
„ Dblg. (if any)	✓	✓				✓						
Bottom Plating, No. of Strakes <i>2</i>	<i>42</i> ✓	<i>.30</i> ✓	<i>.26</i> ✓	<i>.26</i> ✓		<i>SINGLE</i> ✓	<i>5/8</i> ✓	<i>7R.</i> ✓	<i>2</i> ✓	<i>5/8</i> ✓	<i>2 1/4</i> ✓	<i>LAPPED.</i>
Bilge Plating, No. of Strakes <i>1</i>	<i>4 1/2</i> ✓	<i>.30</i> ✓	<i>.26</i> ✓	<i>.26</i> ✓		<i>"</i> ✓	<i>"</i> ✓	<i>"</i> ✓	<i>"</i> ✓	<i>"</i> ✓	<i>"</i> ✓	<i>STRAPPED</i>
Side Plating, No. of Strakes	✓	✓				✓			✓			
Upper Deck, Sheer- strake in Wells.....	<i>42 1/2</i> ✓	<i>.44</i> ✓	<i>.28</i> ✓	<i>.28</i> ✓		<i>DOUBLE FOR</i> <i>1/2 L.</i> ✓	<i>3/4</i> ✓	<i>7R.</i> ✓	<i>3-2</i> ✓	<i>3/4</i> ✓	<i>2 7/8</i> ✓	<i>STRAPPED</i>
Upper Deck, Sheer- strake in Bridge ...	✓	✓										
Strake below Sheer- strake in Wells.....	<i>65</i> ✓	<i>.30</i> ✓	<i>.26</i> ✓	<i>.26</i> ✓		<i>DOUBLE</i> <i>SINGLE</i> ✓	<i>5/8</i> ✓	<i>7R.</i> ✓	<i>2</i> ✓	<i>5/8</i> ✓	<i>2 1/4</i> ✓	<i>LAPPED.</i>
Strake below Sheer- strake in Bridge ...	✓	✓										
Poop Side Plating.....	<i>39</i> ✓	<i>.24</i> ✓				<i>SINGLE</i> ✓	<i>5/8</i> ✓	<i>7R.</i> ✓	<i>2</i> ✓	<i>5/8</i> ✓	<i>2 1/4</i> ✓	<i>STRAPPED</i>
Bridge Side Plating.....	<i>42 1/2</i> ✓	<i>.24</i> ✓				<i>"</i> ✓	<i>"</i> ✓	<i>"</i> ✓	<i>2</i> ✓	<i>"</i> ✓	<i>"</i> ✓	<i>LAPPED.</i>
Forecastle Side Plating	✓	✓				✓						
	<i>38</i> ✓	<i>.24</i> ✓				<i>SINGLE</i> ✓	<i>5/8</i> ✓	<i>7R.</i> ✓	<i>2</i> ✓	<i>5/8</i> ✓	<i>2 1/4</i> ✓	<i>STRAPPED</i>
	<i>37</i> ✓	<i>.24</i> ✓				<i>"</i> ✓	<i>"</i> ✓	<i>"</i> ✓	<i>2</i> ✓	<i>5/8</i> ✓	<i>2 1/4</i> ✓	<i>LAPPED.</i>

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	3
" Deck next below	✓
As per Rule	3

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 1/2" APPEALY-FLOODINGHAM 5 3/4" x 1 1/8" STEEL CO. LD.		
STERN FRAME	Propeller Post	5 1/2 x 2 3/4 WELDED CONSTRUCTION BY J. HARKER LD.		
	Rudder	5 1/2 x 2 3/4 ANNEALED BY T. FATH & J. BROWN LD.		
Speed of Vessel		8 KNOTS		
RUDDER—Type		SEMI-BALANCED DOUBLE 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		DOUBLE		
		NONE		

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper 'tween decks					
" " Second					
" " Third					
" " Holds	FRAME 24	32-26	6 x 3 x 32 1/2	30	✓
COLLISION " (in Hold)	FRAME 76	32-26	7 x 3 x 44 1/2	24	✓
AFTER PEAK "	" 5	50-26	4 x 3 x 30 1/2	24	✓

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:— DORMAN, LONG & CO. LD.	
	SECTIONS:— CARGO FLEET IRON CO. LD. SKINNING GROVE IRON CO. LD. DORMAN, LONG & CO. LD.	
	Has the Steel been tested as required by the Rules?	Yes.

EQUIPMENT No. ✓												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.			
56153	1st Bower	7	3	0	Stockless			9	18	0	14	✓ 7 1/4 ✓	Hall's type (cast steel head)	Not stated	Bradley Heath
56150	2nd "	7	2	22	"			9	18	0	14	✓ 7 1/4 ✓	" " "	" "	2-6-43 W.V. Norman
	3rd "														" " "
	Collective weight	15	1	22								14 1/2 ✓			
56154	Stream	2	1	18	0	2	12	4	17	2	0	✓ 2 1/4 ex stock	ordinary forged W.I. anchor	Not stated	Bradley Heath
															2-6-43 W.V. Norman

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.	Cir.		Length.	Cir.	
	Fathoms	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Fathoms	Ins.					Fathoms	Ins.	Tons.	Fathoms	Ins.	
66968	165 1/3	7/8	13 3/4	20 9/8	69.3.7	61 1/4		165	1 1/16	Stud	B. Hargley	Bradley Heath	TOWLINE	2075	2 1/4	17	75	2 1/4	
										hook	Isles	22-5-43 W.V. Norman	HAWSERS & WARPS	90	4	HEMP	90	4	
														2425	3	MANILA			
Iron Stream Chain Steel Wire	45	2 1/4		17				45	2 1/4					1075	2	"			

Steering Gear, Type (Power or hand) Hand - Fisher's Ltd Alternative Means of Steering Killer with blocks & tackle

Steering Chains (Size and Test) 5/8" DIAR. 4 5/8 TONS Windlass Motor driven - Jeannet's Boats 2-16' LIFEBOATS

Ceiling in Holds, thickness and material 9" x 3" white pine Cargo Battens, thickness, material and spacing None.

Cargo Hatchways.—(Upper Deck) Steel plates and angles Thickness of Hatches 2 1/2"

Size of Hatchways No. 1 (Fwd.) 80'0" x 13'0" to 16'0" No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters None.

Builder's Signature E. H. Thirkettle 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. Motorships

(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 vessel has been built in accordance with the approved plans, the Secretary's letters of various dates, the specification, and in general conformity with the Rules for the class contemplated.

The materials and workmanship are good.

Fore & after peak tanks & main fuel oil tank tested to rule requirements and found in order.

Flash point of oil fuel above 150°F. and remaining requirements of section 20 of the Rules 1939-40 complied with so far as they are applicable. Main fuel oil tank at after end motor room

Decks, casing, watertight bulkheads & shell plating holedated and found in order.

Bottom of vessel flooded 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..... £ 3 : 0 : 0
 FREEBOARD FEE £ 6 : 0 : 0
 Special Survey Fee..... £ 33 : 4 : 0
 SUPERVISION OF SPECIFICATION £ 8 : 6 : 0
 Travelling Expenses, if any..... £ 13 : 3 : 2

Fees applied for, **AUG 1943**
 Received by me, 19

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

I am of opinion the Vessel should be Classed **+100 A-1.**
"COASTING SERVICE GREAT BRITAIN & IRELAND".

State whether the Vessel has been built under Special Survey Yes.

Signature W. Macleod
 Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Hull.

Date of issue 21/9/43

Committee's Minute

Character assigned

+100A1 Coasting Service
Great Britain & Ireland.
Lloyd's A.C.P. Cargo plus not L.H.C.
Oil Eng. + LMC 7.43 0.9.

write in th

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 following approved plans are enclosed herewith: not recd yet. 11/8/43 N.P.

Midship section
Profile decks.
Bulkheads.
Stemframe & rudder.
Engine seating
Rigging arrangement
Main fuel tank
Controls for Main fuel service tank.

The following reports are enclosed herewith:-

Stemframe (Heat treatment of) Shp. Rpt. No 37469.
3 rudder arms, 2 tillers, 1 coupling. Sld Rpt No 9061.
1 boss & 1 sole piece. " " " 8971.

N.B. The stiffening of the poop front bulkhead is equivalent to that as stated in letter dated 10th August 1942 - reference C.S.S. See sister vessel "EMPIRE REAPER"

PARTICULARS OF ELECTRIC WELDING (if employed)

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

* 100 A.I.
"COASTING SERVICE GREAT BRITAIN & 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
2nd "
3rd "

H-3-1 incl. pins.
L-2-23 " "

A.E.G. 8513. 6-5-43.
A.E.G. 8514. 6-5-43.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 34.75 ft., R.Q.D. ft., Bridge ft., Forecastle 17.5 ft.

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

Official No. 169278.

Signal Letters

Extreme Breadth over Belting 21.7 1/4

Over-all Length 148 ft.
(Circ. 1703)

No. and Material of Decks 10K (STL)

Parts of Bottom of Vessel coated with cement or approved composition 2 COATS BLACK VARNISH.

Particulars of composition (if fitted) and of approval M. J. W.T.

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,	15	54 3/4
Double bottom, under Engines and Boilers,			After peak tank,	7 1/2	23
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 3334

Date July 1942

Dates of Surveys
held while building

1942:- March 18. June 11. 23. 29. July 2. 10. 17. 24. 31. Aug 6. 17. 28. Sept 9. 25.
Oct 2. 9. 15. 17. 23. 30. Nov 6. 27. Dec 8. 21. 1943:- Jan 2. 5. 15. 25.
Feb 2. 10. March 2. 9. 26. 30. April 20. May 6. 17. 24. 26. June 2. 8. 17. 30.
July 2. 5

Total No. of Visits 15