

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	ONE ✓			Stringer Plate, breadth and thickness in way of Bridge			
„ in 'tween Decks, Size and Spacing	2 3/8" DIAM. IN			Thickness of Plating abreast Deck openings in way of Wells			
„ „ „ „ „	CONJUNCTION WITH			Thickness of Plating abreast Deck openings in way of Bridge.....			
„ in Holds „ „ „	DECK RUNNERS IN			Thickness of Plating within line of openings..			
„ „ „ „ „	ACCOMMODATION			If Sheathed, material and thickness.....			
„ „ „ „ „	FORWARD & AFT. ✓			Third Deck.			
Centre Line Bulkhead.	✓			Stringer Plate; breadth and thickness.....			
Stiffeners and Spacing	✓			If Plated, state thickness			
Plating, thickness of	✓			Fourth Deck.			
				Stringer Plate, breadth and thickness.....			
STRINGERS AND DECKS.				If Plated, state thickness.....			
Uppermost Continuous Deck.				Poop Deck.			
Stringer Plate, breadth and thickness in Wells	57 x 30 ✓			Stringer Plate, breadth and thickness.....			
„ „ „ „ in way of Bridge	✓			If Plated, state thickness.....			
„ Angle in Wells	3 3 30 ✓			Bridge Deck.			
Thickness of Plating abreast Deck openings } in way of Wells	28-26 ✓			Stringer Plate, breadth and thickness.....			
Thickness of Plating abreast Deck openings } in way of Bridge.....	✓			Plating, Sheathing, material and thickness ..			
Thickness of Plating within line of openings...	26 ✓			Forecastle Deck.			
If Sheathed, material and thickness.....	✓			Stringer Plate, breadth and thickness.....			
Second Deck.				Plating, Sheathing, material and thickness...			
Stringer Plate, breadth and thickness in Wells	✓						

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c)..... 4 ✓

„ 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	FLAT BAR.	ROLLED	6" x 1/8" ✓	WELDED CONSTRUCTION
STERN FRAME {	Propeller Post		5 1/2" x 2 3/4" ✓	BY H. SCARR LTD.
	Rudder	" "		
Speed of Vessel		12 KNOTS ✓		
RUDDER—Type		ORDINARY DOUBLE PLATE TYPE.		
" A x D		93-56 ✓		
" Diam. of head		5 1/2" ✓	RUDDER OF WELDED	
" Mainpiece at top pintle		5 1/2" ✓	CONSTRUCTION BY	
" " heel		5 1/2" ✓	H. SCARR LTD.	
" how constructed	FORGED	FRAME & SIDE PLATES. ✓		
" double or single plate		DOUBLE PLATE ✓		
" coupling, vertical or		HORIZONTAL. ✓ <i>see plan</i>		
" horizontal				

STIFFENERS.

			STIFFENERS.			
		Plating Thickness.	VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D,	Upper 'tween decks				<i>Lathes</i>	
"	Second	"			<i>27" x 1"</i>	
"	Third ON FRAME	<i>1 1/4</i>	<i>26</i>	<i>3 1/2 x 3 x 30 f</i>	<i>30"</i>	
"	Holds "	<i>1 1/4</i>	<i>36 - 27</i>	<i>4 x 2 1/2 x 30 f</i>	<i>30" ABOVE F.W. TANK</i>	
"	(in Hold)	<i>5 1/2</i>	<i>34 - 30</i>	<i>3 x 2 1/2 x 30 f</i>	<i>24" BELOW "</i>	
COLLISION	"	<i>7</i>	<i>50</i>	<i>6 x 3 x 34 f</i>	<i>24"</i>	
AFTER PEAK	"	<i>5</i>	<i>30</i>	<i>3 x 2 1/2 x 30 f</i>	<i>24"</i>	

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. CARGO FLEET IRON CO. LD. APPLEBY- FRODINGHAM STEEL CO. LD.
 Has the Steel been tested as required by the Rules? Yn. /

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.						
57547	1st Bower ...	7	0	0	STOCK LESS			9	5	0	0	✓ 6 1/4 1/2	HALL'S TYPE (CAST STEEL HEAD)	NOT STATED	CRADLEY HEATH. 20.3.44 W. V. NORMAN ✓		
57548	2nd ,, ...	6	0	7	✓	"		8	7	2	0	✓ 6	" " "	" "	" " " " ✓		
	3rd ,, ...																
	Collective weight	13	0	7	✓							12 1/4 1/2					
✓	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.		
	Length.	Diam.	Statu-tory.	Break-ing.	Supplied.	Per Rule.		Length.	Diam.					Length.	Ins.		Length.	Ins.	
68096	75 5/8	1 1/2	18	27	39-2-18					STUD	J.B. HOMER & SON	17.4.44 W.V. NORMAN	TOWLINE						
68097B	60	1 1/2	18	27	31-3-6	46.		90	1	LINK	" " "	" " "	HAWSERS & WARPS	60	6		60	6	
68958	15	1 1/2	18	27	8-1-8					"	RICHARD SYKES & SON	11.10.44 W.V. NORMAN	"	60	4 1/2		60	4 1/2	
Iron Stream Chain or Steel Wire					79-3-4														

Steering Gear, Type (Power or hand) STEAM & HAND STEERING GEAR - DONKIN & CO. LD. - Alternative Means of Steering TILLER WITH BLOCKS & TACKLE. ✓

Steering Chains (Size and Test) 7/8" DIAR - 9 1/8 TONS. ✓ Windlass STEAM - EMERSON, WALKER & CO. LD. Boats 2-17'0" LIFEBOATS. ✓

Ceiling in Holds, thickness and material NONE ✓ Cargo Battens, thickness, material and spacing NONE ✓

Cargo Hatchways.-(Upper Deck) NONE ✓ Thickness of Hatches ✓

Size of Hatchways No. 1 (Fwd.) ✓ No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters } ✓

Builder's Signature P. HENRY SCARR LTD. ✓

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 and workmanship are good. ✓

Fore & after peak tanks, reserve feed and fresh water tanks have been tested to rule requirements and found in order. ✓

Decks, casings, watertight bulkheads, skylights, hatchways etc, hoist tested 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 } Fees applied for, 19.

FREEBOARD £ 4 : 0 : 0 }

Special Survey Fee..... £ 24 : 8 : 0 } Received by me, 19.

SUPERVISION OF SPECIFICATION £ 6 : 2 : 0 }

Travelling Expenses, if any..... £ 2 : 3 : 4 }

I am of opinion the Vessel should be Classed +100 A-1. FOR TOWING SERVICES.

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

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

Certificate to be sent to Hull. Date of issue 23/2/45

Committee's Minute FRI. 12 JAN 1945

Character assigned +100A1 "For Towing Services"

Lloyd's A9.CP + LMC 11.44 F.D. OG.

White Hall.

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 certificate, interim certificate and certificate of test for steering gear chains enclosed herewith.

This vessel is a sister ship to H. Scan Ltd yard No 433 - "EMPIRE WALTER" - Hull No 52376.

PARTICULARS OF ELECTRIC WELDING (if employed)

cabriolet flat forward and aft electrically welded.
Hulk top in way of reserve feed tank & fresh water tank welded to shell
Stem frame & rudder.
Welding carried out in accordance with approved plans.
Approved electrodes used.

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

* 100 A-1.
"FOR TOWING SERVICES".

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

1st Bower	4-1-19 incl. pins.	A.E.G.	9231.	18-10-43.
2nd "	4-0-0 " "	A.E.G.	9362.	15-11-43.
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. 160309 Signal Letters ☒ Extreme Breadth over Belting 26.8 ft. Over-all Length 113.4 ft.

No. and Material of Decks 1 DK (SL).

Parts of Bottom of Vessel coated with cement or approved composition. 4me after peaks, E. & B. spaces, boiler feed tank and fresh water tank cemented.

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,	9-10"	18 ✓
Double bottom, under Engines and Boilers,			After peak tank,	15-3"	23 ✓
Double bottom, if under Engines only,			Deep tank, aft, FRESH WATER TANK FORWARD	3-5"	6 ✓
Double bottom, if under Boilers only,			Deep tank, forward, RESERVE FEED TANK	19-7"	19 ✓
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. 2460

Date 14th Oct 1943.

Dates of Surveys held while building

April 27. May 22. 31. June 13. 16. 20. 29. July 5. 6. 10. 11. 17. 18. Aug. 11. 23. 25. 28.
Sept. 11. 14. 21. 26. 29. Oct. 3. 11. 13. 18. 24. 27. Nov. 1. 7. 16. 20. 22.

Total No. of Visits 33