





# 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 1/2" DIAR. IN CONJUNCTION WITH C.L. BULKHEAD	✓		Thickness of Plating abreast Deck openings in way of Wells	26	✓	
in Holds	5 1/2" SPAC.	✓		Thickness of Plating abreast Deck openings in way of Bridge	✓		
Centre Line Bulkhead, (BETWEEN FRS. 92-78)	5	3	30	Thickness of Plating within line of openings	26	✓	
Stiffeners and Spacing	18" SPAC.	✓		If Sheathed, material and thickness	5" x 2 1/2" DOUGLAS FIR	✓	
Plating, thickness of	30	✓		Third Deck.			
STRINGERS AND DECKS.				Stringer Plate, breadth and thickness			
Uppermost Continuous Deck.				If Plated, state thickness			
Stringer Plate, breadth and thickness in Wells	47 x 36	✓		Fourth Deck.			
in way of Bridge	✓			Stringer Plate, breadth and thickness			
Angle in Wells	3 3 40	✓		If Plated, state thickness			
Thickness of Plating abreast Deck openings in way of Wells	30	✓		Poop Deck.			
Thickness of Plating abreast Deck openings in way of Bridge	✓			Stringer Plate, breadth and thickness			
Thickness of Plating within line of openings	30	✓		Plating, Sheathing, material and thickness			
If Sheathed, material and thickness	NO SHEATHING.	✓		Bridge Deck.			
BOAT Second Deck.				Stringer Plate, breadth and thickness			
Stringer Plate, breadth and thickness in Wells	55 x 26	✓		Plating, Sheathing, material and thickness			
				Forecastle Deck.			
				Stringer Plate, breadth and thickness	45 x 26	✓	
				Plating, Sheathing, material and thickness	5" x 2 1/2" DOUGLAS FIR	✓	

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	RIVETS.	No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.	
GARBOARD Flat Plate Keel	40	1/2	1/2	1/2		✓	DOUBLE 3/4 6 PR. R.	3-2	3/4	2 1/8	STRAPPED
Dbg. (if any)	✓	✓				✓		✓			
Bottom Plating, No. of Strakes	65 1/2	375	375	375		✓	DOUBLE 3/4 6 PR. R.	2	3/4	2 1/8	LAPPED
Bilge Plating, No. of Strakes	63 1/2	375	375	375		✓	" " "	"	"	"	"
Side Plating, No. of Strakes	64	375	375	375		✓	" " "	"	"	"	"
Upper Deck, Sheer-strake in Wells	45	50	50	375		✓	" " "	3-2	3/4	2 1/8	STRAPPED
Upper Deck, Sheer-strake in Bridge	✓	✓				✓		✓			
Strake below Sheer-strake in Wells	55	40	40	375		✓	DOUBLE 3/4 6 PR. R.	2	3/4	2 1/8	LAPPED
Strake below Sheer-strake in Bridge	✓	✓				✓		✓			
Poop Side Plating	✓	✓				✓		✓			
Bridge Side Plating	✓	✓				✓		✓			
Forecastle Side Plating	50	30				✓	DOUBLE 3/4 6 PR. R.	2	3/4	2 1/8	LAPPED
	39	30				✓	" " "	2	"	"	"

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	W.T. BULKHEADS	O.T. BULKHEADS
Extending to Upper Deck (Sec. 3 c)	2	(3) 2
Deck next below	3	
As per Rule	4	

## FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	M.S.	8" x 2"	✓	
STEM	"	8" x 2"	✓	
STERN FRAME	Propeller Post	8" x 4"	T.S. FORSTER & SONS.	
	Rudder	6" x 4"	✓	
Speed of Vessel		14 KNOTS	✓	
RUDDER—Type		DOUBLE PLATE STREAM LINE TYPE.		
A x D.		26 1/4 x 9"	✓	26 1/4 on plan
Diam. of head		9" x 7"	✓	
Mainpiece at top pintle		5" x 7"	✓	
heel		FORGED & BUILT.	✓	
how constructed		DOUBLE 40	✓	
double or single plate coupling, vertical or horizontal		HORIZONTAL.	✓	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper 'tween decks	✓	7 x 5 x 33	✓	21" x 24"	12" x 38 PT.
O.T.	30	35-30	5 1/2 x 3 x 35	5 1/2 x 3 x 35	5 1/2 x 3 x 35
Second FRAME	39	35-30	5 1/2 x 3 x 32	5 1/2 x 3 x 32	5 1/2 x 3 x 35
Third	✓	62	34-30	5 1/2 x 3 x 35	24" W.T. FLAT.
Holds	✓	85	34-30	5 1/2 x 3 x 35	24" W.T. FLAT.
COLLISION (in Hold)	✓	7	50-30	4 x 3 x 40	24
AFTER PEAK	✓				

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. CONSETT IRON CO. LD. DORMAN, LONG & CO. LD.	
	SECTIONS:—DORMAN, LONG & CO. LD. CONSETT IRON CO. LD. APPLEBY-FRODINGHAM STEEL CO. LD. SKINNINGGROVE STEEL CO. LD.	
	Has the Steel been tested as required by the Rules?	YES.



EQUIPMENT No. ✓ 8160													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.				
57649	1st Bower ...	16	0	8	STOCKLESS			17	9	2	21	✓ 16	HALL'S TYPE (CAST STEEL HEAD)	NOT STATED	CRADLEY HEATH 17.4.44 W. V. NORMAN. ✓	
57650	2nd „ ...	16	0	0	"			17	7	2	0	✓ 16				" " " "
	3rd „ ...															
	Collective weight	32	0	8								32				
	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.	Cir.	Tons.	Length.	Cir.	
	Fathoms	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms	Ins.				Fathoms	Ins.		Fathoms	Ins.	
68247	180 3/4	1 1/4	28 1/8	42 1/8	151 - 2 - 7	120			150	1 1/16	STUD LINK	B. HINGLEY & SONS.	CRADLEY HEATH 28.4.1944. W.V. NORMAN.	TOWLINE	60	7	60	7	
														HAWSERS & WARPS	60	5 1/2	60	5 1/2	
															8 TO ADMIRALTY REQUIREMENTS.				
Iron Stream Chain or Steel Wire	✓	✓							✓	✓									

Steering Gear, Type (Power ~~for hand~~) DONKIN & CO'S STEAM HYDRAULIC GEAR. Alternative Means of Steering TILLER WITH BLOCKS & TACKLE.

Steering Chains (Size and Test) NONE. Windlass STEAM - CLARKE CHAPMAN & CO. LD. 1 MOTOR BOAT. 26'0" x 8'0" x 3'6" Boats 1 LIFEBOAT 25'6" x 7'10 1/2" x 3'2 1/2"

Ceiling in Holds, thickness and material 1 3/8" WHITE PINE Cargo Battens, thickness, material and spacing 1 3/8" W.P. - 6"

Cargo Hatchways. (Upper Deck) STEEL PLATES & ANGLES Thickness of Hatches 3"

Size of Hatchways AFT. No. 1 (Fwd.) 8'0" x 6'0" No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters NONE. FOR COCHRANE & SONS, LTD.

Builder's Signature J. Gray DIRECTOR

**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 Yes.

(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 specifications has been carried out.

The materials and workmanship are good.

Fore & after peak tanks, water ballast tanks, feed tanks, fresh water tank and oil fuel tanks have been tested to rule requirements and found in order. Flash point of oil fuel 150°F.

Oil fuel tanks are situated between the engine & boiler spaces and immediately forward of the boiler room.

Decks, casings, hatchways, watertight bulkheads 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..... £ 4 : 0 : 0  
 FREEBOARD FEE £ 8 : 0 : 0  
 Special Survey Fee..... £ 76 : 4 : 0  
 SUPERVISION OF SPECIFICATION 19 : 1 : 0  
 Travelling Expenses, if any ..... £ 5 : 12 : 1

Fees applied for,

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

Received by me,

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 J. Macleod  
 Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Hull.

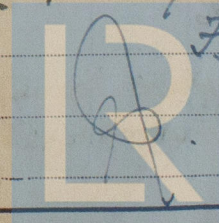
Date of issue 22/8/44

Committee's Minute

Character assigned

+100A.1 In Towing Services  
Rated for Oil Fuel 7.44 H.P. above 150°F  
Lloyd's A.S.P. + L.M.C 7.44

Wife. H.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 List of the Plans should be embodied.)

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

The following reports are enclosed herewith:—

Stem frame Sld. Rpt. No 827  
Rudder frame + rudder head " " " 913

An echo sounding device has been fitted.

This vessel was built for the Admiralty (M.S) branch and handed over to the Admiralty at the final inspection. She sails under the white ensign.

PARTICULARS OF ELECTRIC WELDING (if employed)

Watertight flats electrically welded at ship's sides.  
Approved electrodes used.

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

FOR TOWING SERVICES.

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

1st Bower	15-1-9 inch pins	A.E.G.	9670	17-1-44
2nd "	10-0-21 " "	A.E.G.	9726	24-1-44
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. ☒ Signal Letters ☒ Extreme Breadth over Belting ☒ 36-04 ft. Over-all Length ☒ 174-33 ft.  
(Circ. 1611) (Circ. 1703)

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

Parts of Bottom of Vessel coated with cement or approved composition. Bitumastic clear of oil fuel tanks.

Particulars of composition (if fitted) and of approval. Approved by Admiralty.

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,	11-83	25 1/2
Double bottom, under Engines and Boilers,			After peak tank,	12-83	8 1/2
Double bottom, if under Engines only,			Deep tank, aft, FRESH WATER TANK	16-5	46 1/2
Double bottom, if under Boilers only,			Deep tank, forward, FEED WATER TANK	3-0	12
Double bottom, forward,			Other tanks, if fitted, BALLAST TANKS AFT (2)	5-5	25
Total length (if continuous) and Capacity.			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 3386

Date 24th July, 1943.

Dates of Surveys held while building

1943:— Oct 22-25-28. Nov 5-8-12-16-25. Dec 1-6-9-13-16-31. 1944: Jan 1-7-10-12-26-28-31.  
Feb 7-11-14-16-18-21-25. March 3-8-15-16-20-23-29. April 3-6-14-20-24-26. May 1-4-12-23.  
May 27-30. June 2-8-14-19-23-27-30. July 4-6-7-8-12-13-14

Total No. of Visits

61