

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

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling State Type of Erections None.

During construction

(MADE IN ENGLAND.)

015390-015404-0378 1/2

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Lloyd's Register
Foundation

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, ^{FORWARD} Size and Spacing	2½" DIAR- 1'6"	✓	Thickness of Plating abreast Deck openings in way of Wells																		
" " " " " " " " " "	✓		Thickness of Plating abreast Deck openings in way of Bridge.....																		
" in Holds " " " "	✓		Thickness of Plating within line of openings...																		
" " " " " " "	✓		If Sheathed, material and thickness.....																		
Centre Line Bulkhead. Stiffeners and Spacing	✓		Third Deck. Stringer Plate, breadth and thickness.....																		
Plating, thickness of	✓		If Plated, state thickness																		
STRINGERS AND DECKS.			Fourth Deck. Stringer Plate, breadth and thickness.....																		
Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells	60 x .35	✓	If Plated, state thickness.....																		
" "																					

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled ?.....	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.		
GARBOARD													
Flat Plate Keel.....	37½	35	35	35		DOUBLE	¾	6RR	DOUBLE	¾	2½	STRAPPED	
„ Dblg. (if any)	✓	✓				✓			✓				
Bottom Plating, No. of } Strakes .. 2.....	55½	34	30	30		SINGLE	¾	6R	DOUBLE	¾	2½	LAPPED	
Bilge Plating, No. of } Strakes .. 4.....	61	34	30	30		"	"	"	"	"	"	"	
Side Plating, No. of } Strakes ..	62	34	30	30		"	"	"	"	"	"	"	
Upper Deck, Sheer- strake in Wells.....	✓	✓				✓			✓				
Upper Deck, Sheer- strake in Bridge ... }	42½	40	35	35		DOUBLE	¾	6RR	DOUBLE	¾	2½	STRAPPED	
Strake below Sheer- strake in Wells..... }	✓					✓							
Strake below Sheer- strake in Bridge ... }	53½	36	30	30		SINGLE	¾	6R	DOUBLE	¾	2½	LAPPED	
Poop Side Plating.....	✓					✓			✓				
Bridge Side Plating.....	✓					✓			✓				
Forecastle Side Plating	✓					✓			✓				

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	<u>W.T. BHDS.</u>	<u>O.T. BHDS</u>
Extending to Upper Deck (Sec. 3 c).....	3	2
„ Deck next below.....	3	
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 BAR.	7" x 1 1/4"	APPLY FROM STEEL CO.	
STEM	" "	7" x 1 1/4"	" "	" "
STERN FRAME {	Propeller Post	FORGING 7" x 3"	T. S. FORSTER & SONS LTD.	
{	Rudder "	" 5 1/2 x 3"	" "	" "
		(AND AS APPROVED)		
		12 KNOTS		
Speed of Vessel				
RUDDER—Type		DOUBLE PLATE.		
" A x D		111.6		
" Diam. of head		6"	T. S. FORSTER	
" Mainpiece at top pintle	FORGING 6 1/2" x 4 1/2"		& SONS LTD.	
" " heel	" 3 1/2" x 1 1/2"			
" how constructed		FORGED & BUILT.		
" double or single plate		DOUBLE		
" coupling, vertical or		HORIZONTAL.		
" horizontal				

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP	BULKH'D,	Upper 'tween decks				
O.T.	ON FRAME N^o 23	34-30	6x3x.30 5x3x.30	24"	12"x.35 PL. 5x3x.35	
"	Second	"				
"	" " " 32	34-30	6x3x.30 5x3x.30	24"	12"x.35 PL. 5x3x.35	
"	Third	"				
W.T	" " " Holds 44	34-26	5x3x.30 4x3x.30	24" 30-	W.T. FLAT.	
"	"					
COLLISION	(in Hold) " 62	34-26	3x3x.40-30	24"	"	
AFTER PEAK	" " 6	43-30	5x3x.30 4x3x.30	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.
STEEL PLATES:- APPLEBY-FRODINGHAM STEEL CO.LD. CONSETT IRON CO.LD.
SECTIONS:- DORMAN, LONG & CO.LD. SKINNINGROVE IRON CO.LD. APPLEBY-FRODINGHAM STEEL 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.							
60020	1st Bower	7	1	21	STOCKLESS			9	13	3	0	7 1/4	✓	BRITANNIC (CAST STEEL HEAD)		R. SYKES & SON		CRADLEY HEATH - 30-5-45 W.V. NORMAN.	
60021	2nd "	6	1	21	"			8	15	0	0	6 1/2	✓	" " "		" " "		" " "	
	3rd "																		
	Collective weight	13	3	14								13 3/4	✓						
✓	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.		Descrip- tion.	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.		Tons.	Length.	Ins.	
	Fathoms	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms	Ins.					Fathoms	Ins.	Tons.	Fathoms	Ins.		
69765	ABT. 150	1 1/16	20 3/10	30 4/10	89-0-25	60 3/4	105	1 1/16	STUD LINK	R. SYKES & SON	CRADLEY HEATH 31-5-45 W.V. NORMAN	TOWLINE	200	14	MANILA	60	6		
												HAWSERS & WARPS	60	6	"	60	5		
													3260	4	44.9	60	5		
													2230	4	44.9				
													60	5	70.9				
Iron Stream Chain or Steel Wire	✓						✓												

Steering Gear, Type (Power or hand) STEAM - 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 LD. Boats 2 LIFEBOATS 19'0"

Ceiling in Holds, thickness and material WOOD GRATINGS - 1 1/2" DOUGLAS FIR. 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 FOR DOOHANE & SONS, LTD.
V. 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 materials and workmanship are good.

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

Oil fuel tanks are situated between the engine + boiler spaces.

Decks, casings, watertight bulkheads, hatchways & shell plating clear of tanks has been tested and found in order. Supervision of the specification has been carried out.

Windlass and steering arrangements tried under working conditions and found satisfactory.

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..... £ 4 : 0 : 0
Special Survey Fee..... £ 29 : 4 : 0
SUPERVISION OF SPECIFICATION..... £ 7 : 6 : 0
Travelling Expenses, if any..... £ 5 : 14 : 0

Fees applied for, NOV 1945
Received by me, 19

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 W. M. M. M. M.
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Shull. Date of issue 11/12/45

Committee's Minute FRI. 30 NOV 1945
Character assigned +100A1 For Towing Services
Lloyds A+C.P. Fitted for oil fuel 10.45 F.P. above 150°F
LMC (R) 10.45
F.D. A.G.

White Gls.

037842

The Surveyors are requested not to write on or below the Committee's Minutes.

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.

Sternume.

Std. Rpt. No 3155. ✓

Rudder frame and rudder head.

" " " 3321. ✓

Copy of completion & interim certificates (H.M.) and steering chain test certificate are enclosed.

This vessel is a sister ship to "EMPIRE STELLA". - Hull Report No 53154.

PARTICULARS OF ELECTRIC WELDING (if employed)

W.T. 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.

★ 100 A.I.

FOR TOWING SERVICES.

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

1st Bower

4-1-7 incl cup & pins.

A.E.G.

4655.

29.3.45

2nd "

3-2-21 " " "

A.E.G.

4658.

29.3.45.

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. 180451

Signal Letters ✓

Extreme Breadth over Belting

29.35 ft. ✓

Over-all Length

123.54 ft. ✓

No. and Material of Decks

1 PK (STL) ✓

Parts of Bottom of Vessel coated with cement or approved composition

Bottom coated with cement. ✓

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,	10'6"	5½ ✓
Double bottom, under Engines and Boilers,			After peak tank,	10'6"	27 ✓
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward, BALLAST TANK FORWARD	6'0"	12½ ✓
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 3450

Date 7th Sept 1944

Dates of Surveys held while building

1944:- Oct. 30. 31. Nov. 2. 6. 9. 13. 17. 24. 28. 29. Dec. 9. 13. 15. 20. 22. 29.

1945:- Jan. 5. 10. 13. 17. 19. 25. Feb. 5. 9. 12. 15. 19. 22. 26. Mar. 1. 5. 8. 13. 16. 20. 23. 26. 28. 30.

April 6. 9. 12. 17. 19. 23. 26. May. 1. 7. 14. 18. 28. 31. June 4. 19. 26. July 2. 6. 16. 17.

Aug. 14. 17. 21. 22. 25. 29. Sept. 4. 6. 12. 14. Oct. 21.

Total No. of Visits 48.