

YES.

YES.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)..... FULL SCANTLING..... State Type of Erections..... POOP & FORECASTLE

Built at.....LOWESTOFT.....

Launched..... 11-7-42..... Yard No. 301

Builders RICHARDS IRONWORKS LD.

Owners MINISTRY OF WAR TRANSPORT

Managers T. E. EVANS & CO. LD.

Residence STONE HOUSE COURT, EC.3

Port of Registry LOWESTOFT.

If surveyed while building, afloat, or in dry dock

BUILDING

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	21		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, E or F ANGLE.....	4 x 2 1/2 x 30		" " top Angles		
" " Extends up to.....	UPPER DECK.		" " bottom Angles.....		
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness.....		
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder.....	4		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	✓		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, E or F	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem.....		
" " Third	✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from Stem	4 x 2 1/2 x 30		Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle E or F	4 x 2 1/2 x 30		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 - 4 1/2		Breadth and thickness of Middle Line Strake...		
State if Frame Joggled.....	No		Thickness of remainder in Holds		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved ?	YES		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 ?	YES		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, E or F	5 x 3 x 30	
Floors, Depth and thickness at mid-line in Holds.....	14 x 32		" " in way of Bridge, Angle, E or F	✓	
Height of Brackets at side above base line at toe of frame.....	✓		Spacing	EVERY FRAME	
Middle Line Keelson, on Floors, Angles, E or F	3 1/2 x 3 x 38		Second Deck, amidships, Angle, E or F	✓	
" " Through Plate or Intercoastal Plate	32		Spacing	✓	
" " Foundation Plate on Floors	✓		Third Deck, amidships, Angle, E or F	✓	
" " Flat Plate Keel Angles	3 1/2 x 3 1/2 x 30		Spacing.....	✓	
Side Keelsons, No. each side.....	ONE		Fourth Deck, amidships, Angle, E or F	✓	
" " thickness of Intercoastal Plate...	32		Spacing.....	✓	
" " Angles	DOUBLE TOP 3 1/2 x 3 x 32 SINGLE BOT. 2 1/2 x 2 1/2 x 30		Poop Deck, Angle, E or F	5 x 3 x 36	
DOUBLE BOTTOM.			Spacing.....	EVERY FRAME	
Solid Floors, thickness and spacing			Bridge Deck, Angle, E or F	✓	
" " Are Frame and Reversed Frame joggled ?			Spacing.....	✓	
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle, E or F	5 x 3 x 36	
" " breadth and thickness at margin plate.....			Spacing.....	ALT. FRAMES	

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			
„ in 'tween Decks, Size and Spacing				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.				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	48	x	38 ✓	If Plated, state thickness.....			
„ „ „ „ in way of Bridge			✓	Poop Deck.			
„ Angle in Wells	3 1/2	x	3 1/2 x 34 ✓	Stringer Plate, breadth and thickness.....	54	x	25 ✓
Thickness of Plating abreast Deck openings } in way of Wells	38		✓	<i>Poop dk not covered with composition</i> Plating, Sheathing , material and thickness			25 ✓
Thickness of Plating abreast Deck openings } in way of Bridge.....			✓	Bridge Deck.			
Thickness of Plating within line of openings...	38			Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness.....			✓	Plating, Sheathing, material and thickness ...			
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells			✓	Stringer Plate, breadth and thickness.....	48	x	30 ✓
				Plating, Sheathing , material and thickness...	26	x	30 ✓

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.		
Flat Plate Keel.....	36	.42	.46	.40		DOUBLE	3/4	3	THREE	3/4	2 5/8	STRAPPED	
„ Dblg. (if any)		✓											
Bottom Plating, No. of Strakes	54	.36	.36	.32		SINGLE	5/8	2 5/8	DOUBLE	5/8	2 1/4	LAPPED	
Bilge Plating, No. of Strakes	53	.32	.32	.30	Dblg. fwd of 1/2 L. see plan.	SINGLE	5/8	2 5/8	DOUBLE	5/8	2 1/4	LAPPED	
Side Plating, No. of Strakes	57	.32	.32	.32		SINGLE	5/8	2 5/8	DOUBLE	5/8	2 1/4	LAPPED	
Upper Deck, Sheer-strake in Wells.....	42	.42	.40	.40		DOUBLE	3/4	2 5/8	DOUBLE	3/4	2 5/8	STRAPPED	
Upper Deck, Sheer-strake in Bridge ...													
Strake below Sheer-strake in Wells													
Strake below Sheer-strake in Bridge40									
Poop Side Plating.....				.24									
Bridge Side Plating.....			✓										
Forecastle Side Plating			.30	.26									

WATERTIGHT BULKHEADS.

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

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

„ Deck next below..... ✓

As per Rule..... THREE.

FORGINGS AND CASTINGS.

	Castings or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	✓			
STEM	FORGING	5 3/4 x 1 1/8	✓	
STERN FRAME { Propeller Post	Do	5 1/2 x 2 1/4	✓	
{ Rudder	Do	5 1/2 x 2 1/4	✓	
Speed of Vessel	9	KNOTS	✓	
RUDDER—Type	SEMI-BALANCED		✓	
" A x D	44 x 4	✓		
" Diam. of head	4"	✓		
" Mainpiece at top pintle	4 1/2"	✓		
" " heel	3 1/2"	✓		
" how constructed	FORGED ARMS	✓	SHRUNK ON	
" 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		✓			
"	"	Second	"	✓			
"	"	Third	"	✓			
"	"	Holds	$\frac{3}{8}$ "	$5 \times 3 \times \frac{3}{8}$	24"	✓	✓
COLLISION	"	(in Hold)	$\frac{3}{4}$ "	$7 \times 3 \times \frac{3}{8}$	24"	✓	✓
			$\frac{3}{8}$ "	$5 \times 3 \times \frac{3}{8}$	23"	✓	✓
AFTER PEAK	"	"	$\frac{3}{4}$ "	$4 \times 3 \times \frac{3}{8}$	23"	✓	✓
			$\frac{3}{8}$ "	$3 \times 3 \times \frac{3}{8}$	23"	✓	✓

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).....
 APPLEBY - FRIDINGHAM STEEL CO. LD. — DORMAN, LONG & CO. LTD.
 Has the Steel been tested as required by the Rules? YES

EQUIPMENT No. 4698												LETTER d				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.							
55045	1st Bower ...	7	1	14	✓			9	11	2	7	7 1/4	HALLS TYPE	HTAIF	CRADLEY HEATH.				
55046	2nd ,, ...	7	0	14	✓	✓		9	7	0	21	7	Do.		Do.				
	3rd ,, ...				✓														
	Collective weight	14	2	0	✓														
55069	Stream	2	1	10	✓		2	18	4	17	2	0	ORDINARY		Do.				

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.			
			Statu- tory.	Break- ing.	Supplied.		Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.		
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.		
65370	105	7/8"	13 3/4	20 5/8	40	3	22	} 64 1/4	165	14 1/16	STUD LINE	CONNOR BROS	CRADLEY HEATH.	TOWLINE	75	2 1/4	10.8	75	2 1/4		
65371	60	7/8"	13 3/4	20 5/8	24	1	23					Do	Do	Do.	HAWSERS & WARPS	90	4"		90	4"	
Iron Stream Chain or Steel Wire	45	2 1/4"		10.8					45	2 1/4"											

Steering Gear, Type (Power or hand) HAND, GEAR WHEEL TYPE. Alternative Means of Steering HAND TILLER.

Steering Chains (Size and Test) 5/8" 4-12-2-0 Windlass HAND TO FORWARD WINCH. Boats TWO

Ceiling in Holds, thickness and material 3" PINE. Cargo Battens, thickness, material and spacing NONE

Cargo Hatchways.—(Upper Deck) Two Thickness of Hatches 2 1/2"

Size of Hatchways No. 1 (Fwd.) 24-6 x 16-6 No. 2 40-3 x 16-6 No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters Nº1 HATCHWAY 4. Nº2 HATCHWAY 9. **FOR RICHARDS IRONWORKS LIMITED.**

Builder's Signature L. Richards

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 ✓

(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).

The vessel has been constructed under Special Survey in accordance with the approved plans & Rule Requirements.

The materials & workmanship are sound and of good description and the peak tanks & fuel bunker have been tested with lead & water & the poop front & weather decks have been hoisted.

The requirements of the Admiralty Specification have been carried out.

The steering gear, when examined under working conditions, was found to exceed the prescribed limit of 30 seconds, hard over to hard over, & it is recommended that the steering gear be adjusted & made easier on the arrival of the vessel from at Loughslett from Larne.

The amount of Entry Fee..... £ 3 : 0 : 0 Fees applied for, 119 OCT 1942 (Special notations, where part of class, to be stated.)

Special Survey Fee. 32.2.0 £ 40 : 2 : 6 Received by me, _____ I am of opinion the Vessel should be Classed + 100 A.I.

Travelling Expenses, if any £ 11 : 15 : 0 19 _____

State whether the Vessel has been built under Special Survey No. Signature Synall Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Bulchur Date of issue 29/10/42

Committee's Minute Manchester FRI 23 OCT 1942

Character assigned + 100 A1

Cargo plus not Jtd

+ Lloyd's Over

+ LMC 1042

Del Eng

Write Jax

MxL

Ang

EMPIRE FIRTH" LDN. RPT. N° 109866
EMPIRE SOUND" " " "
EMPIRE PUNCH" " " " 110459.

SANITARY & SCUPPER DISCHARGES

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

1st Bower	7-1-14	J.D.	6796	25-2-42
2nd "	9-4-42	A.E.G.	6868	9-4-42
3rd "				

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

Official No. 166692 Signal Letters ✓ Extreme Breadth over Belting 24-10 Over-all Length 137-0
(Circ. 1611) (Circ. 1703)

No. and Material of Decks..... ONE STEEL

Parts of Bottom of Vessel coated with cement or approved composition..... HOLD, ENGINE SPACE, PEAK TANKS

Particulars of composition (if fitted) and of approval..... NONE.....

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	✓		Fore peak tank,	13	36
Double bottom, under Engines and Boilers,	✓		After peak tank,	14.5	20
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.

Date _____

Dates of Surveys

1941: Nov 11. 17. 27 Dec 1. 11. 19. 30.

1942: JAN 6. 12. 26 FEB 4. 11 MAR 2. 11. 18. 25 APR 3. 13. 22 MAY 1. 8. 18. 26. 28 JUN 2. 5. 19. 25. 29
JUL 7. 11. 15. 24 AUG 5. 21. SEP 2. 11. 24. 28 OCT 1. 6.

Total No. of Visits