

State if Report has been sent on the Freeboard of the Vessel... Yes

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

Date of completion of report.....13.6.42.

Port of Hull

No

51665

Survey held at Selby and Hull

Date First Survey 11th Sept. 1941.

..Last Survey..... 11th June

1942

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel Single Screw Yag "EMPIRE GOBLIN"

**State Type** (Full Scantling, Complete Superstructure)  
with or without Tonnage Openings

State Type of Erections.....None

TONNAGE under } 226.11  
Tonnage Deck ... }

CLASS **\* 100 A.1** State if with freeboard } No.  
as condition of Class }

Do. of space or spaces }  
between Tonnage Dk. } ✓  
and Upper Dk. }

Length from fore part of stem to after part of stern } L 105.0  
most on summer I W I See Sec 3 (1g)

226-11

**Breadth** (*greatest moulded*) \_\_\_\_\_ B 26.5

tonnage 276.6

Depth, at middle of length from top of keel to top  
of beam at side of uppermost continuous } D 13-0

Tonnage *Nil*

deck. See Sec. 3 (1c) ..... } 1365  
1st Longitudinal Number (1 x D) ..... }

**REGISTERED DIMENSIONS.**

**Framing Depth "d,"** at middle of length. See } 11-58

FEET  
1250

**Proportions**—Depth to Length—Uppermost con- } 8.1

105-2

tinuous deck to top of keel ..... }

Do Long Bridge to } .....

2665

Do. Long Bridge to }  
top of keel }

12-25

Draught Moulded ..... 11-9 1/2

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.
AMES, Spacing amidships.....	21 ✓		Bracket Floors, Frame .....		
" " from $\frac{2}{3}$ length amidships to Collision bulkhead.....	21 ✓		" " Reversed Frame.....		
" " in peaks .....	21 ✓		" " Vertical Struts .....		
E FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <del>E or F</del> <i>in Boiler Room &amp; Bunker</i>	5 3 36 ✓		" " top Angles .....		
" " Extends up to.....	Upper deck ✓		" " bottom Angles.....		
Reversed Frame Amidships, Angle .....	2 1/2 2 1/2 30 ✓		Side Girders, No. each side and thickness.....		
" " Extends up to.....	across floors ✓		Margin Plate depth (excl. of flange) and thickness .....		
Depth of Framing Girder.....	5 ✓		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem .....		
Names in Uppermost Continuous 'tween Decks, Angle, [ or ] .....	/		" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area .....		
" " Second 'tween Decks, Angle, [ or ] .....	/		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....		
" " Third " " " " .....	/		" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area .....		
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem .....	/		Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle <del>E or F</del> .....	5 3 36 ✓		INNER BOTTOM PLATING.		
Number and Spacing of Rivets through Frame and Shell Plating amidships .....	3/4 - 5 1/4" ✓		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? .....	AS APPROVED ✓		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?.....	Yes ✓	
LE BOTTOM.			BEAMS.		
Keelsons, Depth and thickness at mid-line in Holds.....	17 x 30 ✓		Uppermost Continuous Deck, amidships in Wells, Angle, [ or ] .....	5 3 34 ✓	5 x 3 x 30 ✓
Height of Brackets at side above base line at toe of frame.....	None ✓		HALF BEAMS " in way of Bridge, Angle, <del>E or F</del> .....	4 3 34 ✓	4 x 3 x 30 ✓
Middle Line Keelson, on Floors, Angles, [ or ] .....	12 x 4 x 4 x 36 ✓		BOILER ROOM & BUNKERS <del>E or F</del> .....		
" " Through Plate or Inter-costal Plate .....	✓		Spacing .....	21 ✓	
" " Foundation Plate on Floors .....	✓		Second Deck, amidships, Angle, [ or ] .....		
" " Flat Plate Keel Angles .....	✓		Spacing .....		
(BULGE)			Third Deck, amidships, Angle, [ or ] .....		
Side Keelsons, No. each side.....	One ✓		Spacing .....		
" " thickness of Intercoastal Plate.....	✓		Fourth Deck, amidships, Angle, [ or ] .....		
" " Angle <i>min 30°</i> .....	5 4 38 ✓		Spacing .....		
" " <i>in BOILER ROOM</i> .....	5 4 48 ✓		Poop Deck, Angle, [ or ] .....		
DOUBLE BOTTOM.			Spacing .....		
Solid Floors, thickness and spacing .....	/		Bridge Deck, Angle, [ or ] .....		
" " Are Frame and Reversed Frame joggled? .....	/		Spacing .....		
Bracket Floors, breadth and thickness at middle line .....	/		Forecastle Deck, Angle, [ or ] .....		
" " breadth and thickness at margin plate.....	/		Spacing .....		



## 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 .....	400	✓	Stringer Plate, breadth and thickness in way of Bridge .....		
ACCOMMODATION FORWARD			Thickness of Plating abreast Deck openings in way of Wells .....		
" in 'tween Decks, Size and Spacing .....	2 1/2" DIAM - 42"		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	60 x 35	✓	Fifth Deck.		
" " " " in way of Bridge	✓		Stringer Plate, breadth and thickness.....		
" Angle in Wells .....	3 3 35	✓	If Plated, state thickness.....		
Thickness of Plating abreast Deck openings } in way of Wells ENGINE CASING	30	✓	Poop Deck.		
Thickness of Plating abreast Deck openings } in way of Bridge BOILER CASING	35	✓	Stringer Plate, breadth and thickness.....		
Thickness of Plating within line of openings... 30-25		✓	Plating, Sheathing, material and thickness ...		
If Sheathed, material and thickness.....	✓		Bridge Deck.		
Second Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	✓		Plating, Sheathing, material and thickness ...		
			Forecastle Deck.		
			Stringer Plate, breadth and thickness.....		
			Plating, Sheathing, material and thickness...		

## 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.....	4

## FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar .....	Rolled	7" x 1 1/2"	ADPLEY-PROUDMAN.	6 1/2" x 1 1/4"
STEM .....	"	7" x 1 1/2"	"	6 1/2" x 1 1/4"
STERN FRAME { Propeller Post .....	4" x 6"	5 1/2" x 2 1/2"	T. S. FORSTER	
{ Rudder        ,, .....	"	5 1/2" x 2 1/2"	& SON.	
Speed of Vessel .....		11 knots		
RUDDER—Type .....		single plate		
A x D .....		82.5		
Diam. of head .....		5 1/8"		
Mainpiece at top pintle .....		5 1/2"		
"                    heel .....		4"		
how constructed .....		4" x 6" x 1/2"		
double or single plate .....		single		
coupling, vertical or .....		-80		
horizontal .....		Horizontal		

		Plating Thickness.	STIFFENERS.				
			VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
MAINSHIP	BULKH'D, Upper 'tween decks						
"	" Second FRAME 11	37 1/2	6 x 3 x 40 5 x 3 x 34	30"	✓	✓	
"	" Third " 13	26	4 x 3 x 30	30	✓	✓	
"	" Holds " 41	34-26	4 x 3 x 38-30	24" and 30"	W.T. FLAT		
COLLISION	" (in Hold) " 55	34-26	3 x 3 x 38-30	24"	PEAK TANK TOP		
AFTER PEAK	" " " 5	43-30	4 x 3 x 30	24"	STEEL FLAT		

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. DORMAN, LONG & CO. LD. CONSETT IRON CO. LD.*  
 SECTIONS:- *DORMAN, LONG & CO. LD. CONSETT IRON 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.			Description of Anchor.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	
54664	1st Bower	6	0	16	Stockless			8	7	2	BRITANNIC (CAST STEEL HEAD)
54665	2nd "	6	0	0				8	5	0	"
	3rd "										"
	Collective weight	12	0	16							"
✓	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.	Stain-tory.	Break-ing.	Supplied.		Per Rule.	Length.	Diam.	Length.					Cir.	Length.		Cir.	Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
64491	50 1/2	1	18	27	40	3	13		90	1	Stud Richard	b. Heath	31.1.42 Dovey	TOWLINE } HAWSERS & WARPS }	90	12	MANILA.			
64706	73 1/3	1	18	27	40	1	14				Link Sykes Son	"	"		"	20	90	5	MANILA	60
															90	4	"	60	4 1/2	
Iron Stream Chain or Steel Wire		Cir.								Cir.										
	✓	✓							✓	✓					120	2 1/2	"			

Steering Gear, Type (Power or hand) DONKIN & CO. LD. STEAM HYDRAULIC TYPE Alternative Means of Steering TILLER WITH BLOCKS & TACKLE

Steering Chains (Size and Test) 7/8" DIAM - 9 1/8 TONS. Windlass STEAM-CLARKE CHAPMAN & CO. Boats 2 LIFEBOATS 18'0" x 6'0" x 2'6"

Ceiling in Holds, thickness and material WOOD GRATINGS 1 1/2" PINE. Cargo Battens, thickness, material and spacing NONE.

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

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 ✓ FOR COCHRANE & SONS, LTD.

Builder's Signature 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 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).

The 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 & workmanship are good.

The fore & after peak tanks, the boiler feed tank & fresh water tanks have been tested to rule requirements and found satisfactory.

Decks, casings, W.T. bulkheads &c. have been tested and found satisfactory.

Windlass, Steering gear etc., 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 4 0 0  
Special Survey Fee..... £ 27 : 14 : 0  
SUPERVISION OF SPECIFICATION 6 18 6  
Travelling Expenses, ~~£ any~~..... £ 5 : 4 : 5

Fees applied for, 8 JUL 1942  
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.  
"FOR TOWING SERVICES"

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

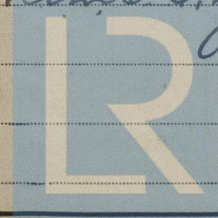
Signature M. Macleod  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Hull. Date of issue 26/8/42

Committee's Minute FRL 14 AUG 1942

Character assigned + 100 A-1  
For Towing Services  
Lloyd's Arch.  
OL. Ext. breadth

+ Lmb 6.4.2  
09.



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:—

Hull frame  
Rudder frame & rudder head: " " " 5785.

This is a sister vessel to Messrs Lochane Shipyard No 1243 - Hull Rpt No 51664

Copy of Completion, Internals & Steaming chain test certificates enclosed herewith.

PARTICULARS OF ELECTRIC WELDING (if employed)

W.T. FLATS ELECTRICALLY WELDED AT SHIP'S SIDES.  
(APPROVED ELECTRODES EMPLOYED).

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	3-3-9	nich. up spurs	J.D.	5920.	17-1-41.
2nd "	3-2-25	" " "	J.D.	5847.	28-11-40.
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. 168784. Signal Letters ☒ Extreme Breadth over Belting 28'-4 1/2" Over-all Length 111'-8".

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

Parts of Bottom of Vessel coated with cement or approved composition BUNKERS, BOILER SPACE, UNDER HOLD AFT & UNDER ACCOMMODATION  
FORWARD COATED WITH BITUMINOUS SOLUTION. FORE & AFTER PEAK TANKS, F.W. TANK & BOILER FEED TANK

Particulars of composition (if fitted) and of approval

CEMENT WASHED.

Bottom covered with cement  
See letter 30.7.42

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,	8-4	5
Double bottom, under Engines and Boilers,			After peak tank,	9-2	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. 3279

Date 28th July 1941.

Dates of Surveys held while building

1941:—Sept. 11. 19. 24. 26. 30. Oct. 3. 6. 10. 14. 17. 20. 24. 28. 30. 31. Nov. 5. 6. 11. 14.  
Nov. 18. 21. 26. 28. Dec. 2. 5. 11. 15. 17. 18. 19. 26. 31. 1942:—Jan. 7. 13. 15.  
Jan. 27. 30. Feb. 4. 6. 10. 16. 24. 27. March 3. 4. 11. 16. 18. 20. 25. April 10.  
April 14. 17. 21. 24. 27. May 7. 9. 11. 13. 18. 19. 20. 21. 28. June 3. 9. 11.

Total No. of Visits 68