

~~STEEL STEAMER or MOTORSHIP.~~

Received at London Office

26 OCT 1938

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

State if Report is sent on the Machinery of the Vessel *No*

Date of completion of report

25-10-1938

Port of

Spaswich

No.

106514

Survey held at

Larmouth

Date First Survey

15 MARCH 1938

Last Survey

23-10-

1938

On the

(State if Machinery fitted Aft and if Single, Twin or Triple Screw)

M.V. "FRED EYERARD"

(SINGLE SCREW, MACHY. FITTED AFT.)

State Type

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

Full Scantling

State Type of Erections

Forecastle

TONNAGE under Tonnage Deck

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

Total

Gross Tonnage

Register Tonnage

REGISTERED DIMENSIONS.
FEET.

Length

98

Breadth

23.1

Depth

9.65

CLASS *+100 A.1.*

State if with freeboard as condition of Class

h

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L

97

Breadth (greatest moulded)

B

23

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D

9.5

1st Longitudinal Number (L x D) = 921.5

2nd Numeral L x (B + D) = 3152.5

Framing Depth "d," at middle of length. See Sec. 3 (1d)

8.83

Proportions—Depth to Length—Uppermost continuous deck to top of keel

10.20

Do. Long Bridge to top of keel

✓

Draught Moulded

✓

Built at

Great Larmouth

Launched

1926

Yard No. 316

Builders

Fellows & Co. Ltd.

Owners

F. T. Euerard & Son, Ltd.

Managers

(Where necessary to be entered in Reg. Book.)

Residence

Port of Registry

London

If surveyed while building, afloat, or in dry dock

Alterations carried out afloat & in Dry Dock.

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			Bracket Floors, Frame		
" " from $\frac{3}{4}$ length to Collision bulkhead			" " Reversed Frame		
" " in peaks			" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, [or [" " top Angles		
" " Extends up to			" " 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			" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or [" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem		
" " Second 'tween Decks, Angle, [or [" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
" " Third " " " "			" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem		
Framing in Peaks, Angle or [Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships			INNER BOTTOM PLATING.		
State if Frame Joggled			Breadth and thickness of Middle Line Strake		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	6" x 3" x .36" BA STRINGER FITTED		Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	ADDITIONAL SIDE KEELSONS. DOUBLE FRAMES FITTED AS APPR. SINGLE RIVETED SHELL SEAMS, BOTTOM FORWARD REINFORCED BY ELECTRIC WELDING IN LIEU OF DOUBLE RIVETING.		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?		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, [or [
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [or [
Middle Line Keelson, on Floors, Angles, [or [Spacing		
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, [or [
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, [or [
Side Keelsons, No. each side			Spacing		
" " thickness of Intercoastal Plate			Fourth Deck, amidships, Angle, [or [
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, [or [
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, [or [
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, [or [
			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.....					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.....				
TRIMMINGS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells					If Plated, state thickness				
" " " " in way of Bridge					Poop Deck.				
" Angle in Wells					Stringer Plate, breadth and thickness				
Thickness of Plating abreast Deck openings in way of Wells					Plating, Sheathing, material and thickness ...				
Thickness of Plating abreast Deck openings in way of Bridge					Bridge Deck.				
Thickness of Plating within line of openings...					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.....				
					Deck Plating, Sheathing, material and thickness ... 32' - 2 1/2" Pine				

STRAKES.	SCANTLINGS.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			RIVETING.						
	AS IN VESSEL.					State if Joggled?			BUTTS.						
	AMIDSHIPS.		FORWARD.			SINGLE OR DOUBLE.			RIVETS.		No. OF ROWS OF RIVETS.		RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing or. to or.			Diam.	Spacing or. to or.	
FLAT PLATE KEEL															
„ DBLG. (if any)															
BOTTOM PLATING, No. of Strakes															
BILGE PLATING, No. of Strakes															
SIDE PLATING, No. of Strakes															
UPPER DECK, Sheer-strake in Wells.....															
UPPER DECK, Sheer-strake in Bridge ...															
STRAKE BELOW Sheer-strake in Wells.....															
STRAKE BELOW Sheer-strake in Bridge ...															
POOF SIDE PLATING															
BRIDGE SIDE PLATING ...															
FORE'C'TLE SIDE PLATING	1/8		.26			SINGLE	5/8	2 1/2		SINGLE	5/8	2 1/4		LAPPED.	

Total No. of W.T. BULKHEADS in Vessel—				Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Extending to Upper Deck (Sec. 3 c) <u>THREE</u> ✓							
" Deck next below ✓							
As per Rule <u>YES.</u>							
	Plating Thickness.	STIFFENERS.					
		VERTICAL	HORIZONTAL				
		Scantlings, Spacing,	Scantlings, Spacing.				
MIDSHIP BULK'HD, Upper tween decks		✓					
" " Second "		✓					
" " Third "		✓					
" " Holds	36" - 28	5" x 2 1/2" x 36	30"	✓			
COLLISION " (in Hold)	36" - 28	5" x 3" x 36	30"	✓			
AFTER PEAK " " "	50	5" x 3" x 34	30"	✓			
KEEL, Bar				✓			
STEM				✓			
STERN FRAME { Propeller Post				✓			
{ Rudder " "	FORGING	5 1/2" x 2 1/4"	FORSTERS				
RUDDER—A x D							
Speed of Vessel	7 KNOTS						
RUDDER mainpiece at head	FORGING	4 1/2"	FORSTERS				
" " heel	"	3 1/2"	"				
" how constructed	ARMS SHRUNK AND KEYED.						
" double or single plate	SINGLE	.68					
" coupling, vertical or horizontal	HORIZONTAL						

STEEL. DORMAN LONG & CO., LTD. MIDDLESBROUGH

EQUIPMENT No. 3152										LETTER C		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.				
37369	1st Bower ...	5	2	0				7	16	1	0	5 1/4	BRYCES IMPROVED STOCKLESS	✓	SUNDERLAND 19-7-37 J.M. BURGER	
37835	2nd " ...	5	1	14	✓	✓		7	14	0	7	5 1/4	Do		- Do - 10-12-37 - J.B.	
	3rd " ...															
	Collective weight.															
51808	Stream	1	1	2	✓	✓	1 10x12 ✓	3	13	0	14	1 1/4	1 RON STOCK		CADLEY HEATH 30-7-38 L.C. PAUL	

Number of Certificate.	Length and size supplied.		Test per Certificate. Static Break-ing.	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.		Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.					Fathoms.	Inch.		Length.	Cir.
57310	120 1/2	1 1/8	11 7/8	17 1/2	40	3	25	34 1/2	120	1 1/8	STEEL LINK	✓	CADLEY HEATH 16-9-38 L.C. PAUL	TOWLINE	✓			
													HAWSERS & WARPS	✓				
													"					
													"					

Iron Stream Chain or Steel Wire ✓

Steering Gear, Steam NONE Steering Gear, Hand GEARED GIPSY

Boats ONE Steering Chains, Size and Test 1/16" Windlass HAND

Ceiling in Holds, thickness and material ✓ Cargo Battens, thickness, material and spacing NONE fitted for m/v

Cargo Hatchways.—(Upper Deck) TWO Thickness of Hatches ✓

Size of No. 1 Hatchway (Forward) 11'-8" x 14'-0" No. 2 35'-0" x 14'-0" No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters FORE HATCHWAY: NO SHIFTING BEAMS. 3-FORE & AFTERS. N°2. " TWO PORTABLE BEAMS, ONE FIXED BEAM. 3-FORE & AFTERS.

Builder's Signature _____

The alterations effected in connection with the conversion of the Sailing Barge to a Motor-Boat have been carried out under Special Survey in accordance with the approved plans & Rule requirements. The materials & workmanship are sound & of good description. To complete the Survey for notation of +100 A.1., the following remains to be done and will be completed at Greenhithe to where the vessel has been towed for the installation of the machinery.

Coating of bottom of vessel (inside)
Pumps & pumping arrangement to examine. Loss Peak tank to test to Rule Requirements.
Lost Certificate for steering gear chains to be verified.
Brake arrangement to fit to Rudder. Steering gear & windlass to examine.
Trimming port area to increase to Rule requirements. Engine room bulkhead to clear & loss test.
Hatchways — To examine & remove or repair, Loss & After, Hatch covers, tarpaulins, wedges & lashings.
Life lines to be fitted. Towline, Hawser & Stream seine to supply to Rule requirements.

I am of opinion the Vessel should be Classed +100 A.1.
when the Survey is Completed.

Thomas E. Cowden.
By Will.
Surveyor to Lloyd's Register of Shipping.

TUE. 7 FEB 1939

See Lon. Rpt. 106790

W1648-0232 $\frac{3}{2}$

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.)

ENGINE SEATING.

RUDDER & POST

FORE PEAK BULKHEAD.

HATCHWAYS

ENGINE ROOM BULKHEAD.

PROFILE.

(2) DECKHOUSE CASINGS

PLANS SHOWING VESSEL AS BUILT WILL BE FORWARDED AT AN EARLY DATE.

Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower 3-1-0 cwt. W.H.H. No 6120 18-12-36.
	2nd " 3-1-26 cwt. R.L. No 5186 5-11-36.
	3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 14.75 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (this information is to be given as it should appear in the Register Book). 1 Dk. (STL)

Official No. 149743 ; Signal Letters ☒ Is bottom of Vessel coated with cement No if not give particulars of composition ☒

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<input checked="" type="checkbox"/>		Fore peak tank,	16	68 <input checked="" type="checkbox"/>
Double bottom, under Engines and Boilers,	<input checked="" type="checkbox"/>		After peak tank,	<input checked="" type="checkbox"/>	
Double bottom, if under Engines only,	<input checked="" type="checkbox"/>		Deep tank, aft,	<input checked="" type="checkbox"/>	
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>		Deep tank, forward,	<input checked="" type="checkbox"/>	
Double bottom, forward,	<input checked="" type="checkbox"/>		Other tanks, if fitted,	<input checked="" type="checkbox"/>	
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

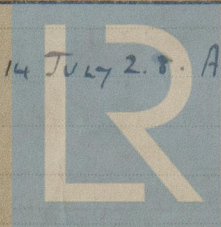
* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No.

Date

Dates of Surveys held while building during alterations

1935 MAR 15.30 APR 6.12.20.27 MAY 3.12.23.25 JUN 2.14 JULY 2.8. AUG 2.24
SEP 2.15.23 OCT 3.7.12.23



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