

Rpt. 1.

STEEL STEAMER or MOTORSHIP

WRECK SECTION

Received at London Office

State if Report has been sent on the Freeboard of the Vessel *No.*State if Report is sent on the Machinery of the Vessel *Yes.*

No. 11. 16

Port of

Belfast.

No.

12805

Date of completion of report

Survey held at *Belfast.*Date First Survey *13 June 1940*Last Survey *18 Nov.*

1940

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

Single Screw Corvette "FREESIA" Machinery aft.

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

State Type of Erections *Forecastle only.*TONNAGE under Tonnage Deck... *624.43*CLASS *+A-* (State if with freeboard) *No.*

For Government Service as condition of Class

FEET.

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

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

L *190.0*

Breadth (greatest moulded)

B *33.0*

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

D *17.5*

1st Longitudinal Number (L x D)

= *✓*

2nd Numeral L x (B + D)

= *✓*

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

= *✓*

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

= *✓*

Do. Long Bridge to top of keel

= *✓*

Draught Moulded

*13'-3"*Built at *Belfast.*Launched *October 3rd 1940* Yard No. *1074.*Builders *Messrs Harland & Wolff Ltd.*Owners *British Admiralty*

Managers

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

Residence *✓*Port of Registry *✓*

If surveyed while building, afloat, or in dry dock

Building, afloat and 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 $\frac{3}{8}$ length amidships to Collision bulkhead	<i>22" all fore and aft</i>		" " Reversed Frame		
" " in peaks			" " Vertical Struts		
IDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <i>E or F</i>	<i>6x3x.32.</i>	<i>✓</i>	" " top Angles		
" " Extends up to	<i>Upper deck.</i>	<i>✓</i>	" " bottom Angles		
Reversed Frame Amidships, Angle	<i>✓</i>		Side Girders, No. each side and thickness		
" " Extends up to	<i>✓</i>		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	<i>6</i>	<i>✓</i>	" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	<i>✓</i>		Bracket abaft $\frac{1}{2}$ len. from stem		
" " Second 'tween Decks, Angle, [or]	<i>✓</i>		" " Vertical Angle to Tank side		
" " Third " " " "	<i>✓</i>		Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area		
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	<i>✓</i>		Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem		
" " in Peaks, Angle <i>E or F</i>	<i>6x3x.36 fore peaks. ✓</i> <i>6x3x.32 aft ✓</i>	<i>✓</i>	" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>$\frac{3}{4}$ @ 5"4</i>	<i>✓</i>	Tank Side Brackets, height above base line at toe of Frame and thickness		
State if Frame Joggled	<i>Yes.</i>	<i>✓</i>	INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>Yes.</i>	<i>✓</i>	Breadth and thickness of Middle Line Strake		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>Yes.</i>	<i>✓</i>	Thickness of remainder in Holds		
INGLE BOTTOM.			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?		
Floors, Depth and thickness at mid-line in Holds <i>Boiler Rooms</i>	<i>21x.38 flanged 4"</i>		BEAMS.		
Height of Brackets at side above base line at toe of frame			Uppermost Continuous Deck amidships	<i>6x3$\frac{1}{2}$x$\frac{5}{16}$ B.F.</i>	<i>✓</i>
Middle Line Keelson, on Floors, Angles, <i>E or F</i>	<i>6x3x.38</i>	<i>✓</i>	" " in Wells, Angle, <i>E or F</i>	<i>✓</i>	
" " Through Plate or Intercoastal Plate	<i>.38</i>	<i>✓</i>	" " in way of Bridge, Angle, [or]	<i>✓</i>	
" " Foundation Plate on Floors	<i>✓</i>		Spacing	<i>Every frame.</i>	<i>✓</i>
" " Flat Plate Keel Angles	<i>3x3x.42 double continuous</i>		Second Deck amidships, Angle, <i>E or F</i>	<i>6x3$\frac{1}{2}$x$\frac{5}{16}$ BA.</i>	<i>✓</i>
Side Keelsons, No. each side	<i>✓</i>		Spacing	<i>Every frame.</i>	<i>✓</i>
" " thickness of Intercoastal Plate	<i>✓</i>		Third Deck , amidships, Angle, [or]	<i>✓</i>	
" " Angles	<i>✓</i>		Spacing		
DOUBLE BOTTOM.			Fourth Deck , amidships, Angle, [or]	<i>✓</i>	
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Poop Deck , Angle, [or]	<i>✓</i>	
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Bridge Deck , Angle, [or]	<i>✓</i>	
			Spacing		
			Forecastle Deck , Angle, <i>E or F</i>	<i>5x3x$\frac{5}{16}$ ✓</i>	<i>✓</i>
			Spacing	<i>Every frame.</i>	<i>✓</i>

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.....	<i>Solid pillars in positions as appd.</i>		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.....	30 crown of tanks. ✓ 26 elsewhere. ✓	
„ „ „ „ „			If Sheathed, material and thickness	Porticine in accommodation	
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	68 x 36. ✓		If Plated, state thickness		
„ „ „ „ in way of Bridge	✓		Poop Deck.		
„ Angle in Wells	3 x 3 x 34 ✓		Stringer Plate, breadth and thickness	✓	
Thickness of Plating abreast Deck openings in way of Wells Coverings	32 and 26 ✓		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	26		Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness 5 x 2 1/2 P.P. over accommodation. ✓			Plating, Sheathing, material and thickness ...		
Second Deck. LOWER DECK. ✓			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....	26 plating. ✓ 5 x 2 1/2 P.P. over accommodation	
			Plating, Sheathing, material and thickness ...	Teak below windlass. ✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>No.</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		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	<i>44</i>	<i>44</i>	<i>44</i>	<i>44</i>		<i>Double.</i>	<i>3/4</i>	<i>3 1/2</i>	<i>2.</i>	<i>3/4</i>	<i>2 1/2</i>	<i>Strapped.</i>
" DBLG. (if any)	<i>✓</i>											
BOTTOM PLATING, No. of Strakes <i>27 1/2</i>	<i>A. 38</i>	<i>✓</i>	<i>38</i>	<i>40</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>3/4</i>	<i>3</i>	<i>Lapped.</i>
B. <i>38</i>	<i>✓</i>	<i>38</i>	<i>34</i>	<i>34</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
BILGE PLATING, No. of Strakes <i>15</i>		<i>38</i>	<i>32</i>	<i>30</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
SIDE PLATING, No. of Strakes <i>12</i>		<i>40</i>	<i>32</i>	<i>26</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
UPPER DECK, Sheer-strake in Wells <i>5</i>	<i>65</i>	<i>✓</i>	<i>42</i>	<i>30</i>	<i>26</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
UPPER DECK, Sheer-strake in Bridge ...												
STRAKE BELOW Sheer-strake in Wells.....												
STRAKE BELOW Sheer-strake in Bridge ...												
POOP SIDE PLATING												
BRIDGE SIDE PLATING ...												
FOREG'TLE SIDE PLATING			<i>28</i>			<i>Single.</i>	<i>3/4</i>	<i>3</i>	<i>2</i>	<i>3/4</i>	<i>3</i>	<i>Lapped.</i>

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) 7 ✓

„ Deck next below 4 ✓

As per Rule ✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	✓			
STEM				
STERN FRAME	{ Propeller Post { Rudder "	Rolled bar 7x1" ✓ Casting as approved ✓ The Steel Co. of Scotland		
Speed of Vessel		16 knots. ✓		
RUDDER—Type		Balanced spade type. ✓		
" A x D		✓		
" Diam. of head		16" ✓		
" Mainpiece at top pintle		✓		
" " heel		✓		
" how constructed		Cast-steel frame.	Side plates riveted & coppered.	
" double or single plate coupling, vertical or horizontal		Double. 38. ✓		

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Colvilles Ltd. The Steel Co. of Scotland. The Lanarkshire Steel Co.*

Has the Steel been tested as required by the Rules? *Yes.*

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 terms of the Specification have been carried out. ✓

Sister vessels:—

S.S. <u>Arabis</u>	Bel. Rept. 12598.	S.S. <u>Peony</u>	Bel. Rept. 12710	} Slight modification for sweep gear
S.S. <u>Periwinkle</u>	" 12601.	S.S. <u>Erica</u>	" 12711.	
S.S. <u>Clarkia</u>	" 12612.	S.S. <u>Gloxinia</u>	" 12726.	
S.S. <u>Calendula</u>	" 12628.	S.S. <u>Picotee</u>	" 12737.	
S.S. <u>Hibiscus</u>	" 12644.	S.S. <u>Geutian</u>	" 12741.	} —do—
S.S. <u>Heartsease</u>	" 12655.	S.S. <u>Hyacinth</u>	" 12756.	
S.S. <u>Camellia</u>	" 12671.	S.S. <u>Rhododendron</u>	" 12776.	
S.S. <u>Mallow</u>	" 12681.	S.S. <u>Heather</u>	" 12793.	

PARTICULARS OF ELECTRIC WELDING (if employed) The boundary bulkheads of all oil fuel bunkers and their stiffeners are an all welded construction. The W.T. bulkheads bounding and dividing the boiler rooms & their stiffeners are all welded. The lower deck forward & aft, upper deck below forecastle & certain forward side stringers are welded directly to shell. The shell in way of stern foot and lower beam of boss plating are welded. Welding is also employed in minor portions of the structure.

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

Patrol vessel—whaler type—Cruiser stern.

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

1st Bower

2nd "

3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 57'-3" 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 33.2

Over-all Length 205'-2"

No. and Material of Decks

One deck steel. Lower deck clear of machinery spaces

Parts of Bottom of Vessel coated with cement or approved composition

No cement or composition.

Particulars of composition (if fitted) and of approval

Fresh water & reserve feed tanks coated internally with "ROSBONITE"

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.)

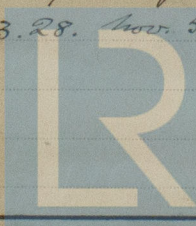
Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank, Frame 8 to Stem.	14'-8"	16.5.
Double bottom, under Engines and Boilers,			After peak tank, " 96 to 101.	9'-2"	8.5.
Double bottom, if under Engines only,			Deep tank, 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 held while building

June 18. 17. 24. 25. 28. July 1. 2. 4. 8. 17. 19. 22. 24. 29. August 2. 12. 13. 19. Sept. 2. 5. 6. 10. 12. 16. 17. 18. 19. 20. 21. 23. 24. 27. 30. October 1. 2. 3. 28. Nov. 5. 7. 12. 13. 28



Lloyd's Register
Total No. of Visits 42.
Foundation