

Rpt. 1.

WRECK  
SECTION

No. 987

## STEEL STEAMER or MOTORSHIP.

Received at London Office MAY 10 1939

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

8 : 5 : 39

Port of *Glasgow.*

No. 61030

Survey held at *Dumbarton*Date First Survey *17.3.38*Last Survey *3rd May 1939*

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

*Twin screw motorship**"ROYAL DAFFODIL"* (Machinery amidships)

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

*Complete superstructure.*State Type of Erections *Promenade deck.*

TONNAGE under Tonnage Deck

*937.95.*CLASS *Corresponding to a* State if with freeboard *Yes.**moulded draught of 8'3"* as condition of Class*for service between London, Cleburner Hook of**Willand from May to September**centre of and on summer L.W.L. See Sec. 3 (1a)**rudder stock**Breadth (greatest moulded) B 50.0.**Depth, at middle of length from top of keel to top of beam at side of uppermost continuous main deck. See Sec. 3 (1c) D 12.5.**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 8'3"*Built at *Dumbarton.*Launched *24th January 1939.* Yard No. *1330.*Builders *William Denny & Brothers Ltd.*Owners *New Melray Steam Packet Co.*Managers *General Steam Navigation Co. Ltd.*  
(Where necessary to be entered in Reg. Book.)Residence *Deptford. London.*Port of Registry *London.*

If surveyed while building, afloat, or in dry dock

*all.*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	24	✓	Bracket Floors, Frame		
" " from $\frac{3}{4}$ length amidships to Collision bulkhead	24	✓	" " Reversed Frame		
" " in peaks	24	✓	" " Vertical Struts		
DE FRAMING.			Centre Girders, depth and thickness amidships		
Frame Amidships, Angle, E or F	4 2½ 22. ✓		" " top Angles		
" " in machinery space	4 2½ 30. ✓		" " bottom Angles		
" " Extends up to	Main deck. ✓		Side Girders, No. each side and thickness		
" " and to promenade deck (alternate frames)	Floors flanged. ✓		Margin Plate depth (excl. of flange) and thickness		
Reversed Frame Amidships, Angle			" " Vertical Angle to Tank side		
" " Extends up to across floors			" " Bracket abaft $\frac{1}{2}$ len. from stem		
Depth of Framing Girder	4. ✓		" " Vertical Angle to Tank side		
Intermediate Frames in Uppermost Continuous 'tween Decks, Angle, E or F	2½ 2½ 25 2½ x 2½ x 25. ✓		" " Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area		
" " Second 'tween Deck, Angle, E or F			" " Gusssets, spacing and scantling abaft $\frac{1}{2}$ len. from stem		
" " Third			" " Gusssets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area		
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	4 2½ 22. ✓		Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle or F	4 2½ 22. ✓		TANK BOTTOM PLATING		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 4 3/8 ✓		Breadth and thickness of Middle Line Strake		
State if Frame Joggled	Yes. ✓		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 Bankers and Boiler Room?		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Do. ✓		BEAMS. Main		
INGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, E or F	4 2½ 22. ✓	
Floors, Depth and thickness at mid-line in Holds	16 25 20 flanged on top. ✓		" " in way of Bridge, Angle, E or F		
Height of Brackets at side above base line at toe of frame	Floors Level. ✓		Spacing	24. ✓	
Middle Line Keelson, on Floors, Angle, E or F	4 2½ 25 ✓		Second Deck, amidships, Angle, E or F		
" " Through Plate or Intercoastal Plate	25. ✓		Spacing		
" " Foundation Plate on Floors			Third Deck, amidships, Angle, E or F		
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side	4. ✓		Fourth Deck, amidships, Angle, E or F		
" " thickness of Intercoastal Plate	26. ✓		Spacing		
" " bulb Angle	4 2½ 25 4 x 2½ x 22. ✓		Peep Deck, Angle, E or F		
" " Spacing			Spacing		
DOUBLE BOTTOM.			Promenade Bridge Deck, Angle, E or F	4 2½ 22. ✓	
Solid Floors, thickness and spacing			Spacing	24. ✓	
" " Are Frame and Reversed Frame joggled?			Forecastle Deck, Angle, E or F	4 2½ 22. ✓	
Bracket Floors, breadth and thickness at middle line			Spacing	32. ✓	
" " breadth and thickness at margin plate					



## 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.
<b>PILLARS, No. of Rows.....</b>	2		✓	<del>Stringer Plate, breadth and thickness in way of Bridge .....</del>	.15	✓	
„ in 'tween Decks, Size and Spacing.....	2 5/8" x 16.8'-0"		✓	Thickness of Plating abreast Deck openings) <del>in way of Wells .....</del>	.18	✓	
„ „ „ „ „				Thickness of Plating abreast Deck openings) <del>in way of Bridge .....</del>			
„ in Holds „ „	2 5/8" x 16.8'-0"		✓	Thickness of Plating within line of openings...	.15.	✓	
„ „ „ „ „				<del>Planking.</del> <i>where exposed</i> 4" 13/4" Teak ✓			
<del>Centre Line Bulkhead.</del>				<del>If Sheathed, material and thickness</del> <i>Inside Deckhouse</i> 4" x 2" Col. Pine. ✓			
<del>Stiffeners and Spacing.....</del>				<del>Stringer Plate, breadth and thickness.....</del>	6 2 1/2 .25 / .38. ✓		
<del>Plating, thickness of .....</del>				If Plated, state thickness..... <i>Ties</i> 2 1/2 .18. ✓			
<b>STRINGERS AND DECKS.</b>				<del>Planking</del> <i>where exposed</i> 4 x 1 1/2" Teak ✓			
<i>Main</i> <del>Uppermost Continuous Deck.</del>				<del>Inside Deckhouse.</del> 4 x 2 Col. Pine. ✓			
Stringer Plate, breadth and thickness in Wells	78 .25.		✓	<b>Fourth Deck.</b>			
„ „ „ „ in way of Bridge	<i>Welded to shell.</i>		✓	Stringer Plate, breadth and thickness.....			
„ „ „ „ „				If Plated, state thickness .....			
„ <del>Angle in Wells</del> <i>Gutter Flat bar welded to deck.</i>	2 .20.		✓	<del>Stringer Plate, breadth and thickness .....</del>			
Thickness of Plating abreast Deck openings) <del>in way of Wells .....</del>	.20		✓	<b>Bridge Deck.</b>			
Thickness of Plating abreast Deck openings) <del>in way of Bridge .....</del>				Stringer Plate, breadth and thickness.....			
Thickness of Plating within line of openings...	.20.		✓	Plating, Sheathing, material and thickness .....			
<i>Amidships.</i> 4 1 3/4 Teak ✓				<b>Forecastle Deck.</b>			
If Sheathed, material and thickness <i>at ends.</i> 4 2 Col. pine. ✓				Stringer Plate, breadth and thickness.....			
<i>Promenade.</i>				Plating, Sheathing, material and thickness .....			
<b>Second Deck.</b>				<del>Stringer Plate, breadth and thickness.....</del>			
Stringer Plate, breadth and thickness in Wells...	66 .25		✓	<del>Plating, Sheathing, material and thickness .....</del>			

## SHELL PLATING.

[illegible]

## WATERTIGHT BULKHEADS.

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

Extending to <sup>Main</sup>~~Upper~~ Deck (Sec. 3 c) 10. ✓

„ Deck next below ✓

As per Rule 5. ✓

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar .....		rolled bar. 6 x 1	✓	
STEM .....		Do. { 30 plate 6 x 1.	✓	
STERN FRAME {	Propeller Post .....	Do. See plan	✓	
	Rudder " .....			
Speed of Vessel.....	20 <sup>3</sup> / <sub>4</sub> knots			
RUDDER—Type.....	Spade.....	See plan.	✓	
" A x N .....	36" A			
" Diam. of head .....	Forging 5 <sup>3</sup> / <sub>4</sub> "		✓	North British Steel Foundry Ltd.
" Mainpiece at top pintle .....	—			Bothgate.
" " heel ... ..	—			
" how constructed .....	See plan	✓		
" double or single plate coupling, vertical or horizontal .....	Casting.			

## STIFFENERS.

		Plating Thickness.	VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD,</b>	Upper between decks					
"	" <del>Second</del> "					
"	" <del>Third</del> "					
"	" Holds .... <i>N<sup>o</sup> 59.</i>	<i>25"</i>	<i>4 x 24" flat</i>		<i>4 x 20" flat</i>	
"	"	<i>36"</i>	<i>welded</i>	<i>30.</i>	<i>welded</i>	<i>1/2 ft.</i>
<b>COLLISION</b>	" (in Hold) .....	<i>25"</i>	<i>4 x 24"</i>		<i>B.A</i>	<i>1/2</i>
		<i>-18"</i>	<i>Flat. Welded.</i>	<i>24"</i>	<i>5 x 3 x .38</i>	<i>height</i>
<b>AFTER-PEAK</b>	" " .....	<i>25"</i>	<i>-18"</i>	<i>Do</i>	<i>30"</i>	<i>Recess top. 1/2 ft.</i>

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

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.			Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	
97955	1st Bower ...	20	1	18	Stockless.			21	3	3	Hingley's Challenge. N. Hingley & Sons Ltd. Netherton 14-11-38. J.A. Relf
97954	2nd „ ...	17	1	7	Do.			18	10	2	
	3rd „ ...										
	Collective weight.	37	2	25							
	Stream .....										

CHAIN CABLES.											HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.			<del>Length and size supplied.</del>		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size <del>per Certificate</del>	
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Rule.	<del>Length.</del>	<del>Diam.</del>	Length.					Cir.	Fathoms.		Ins.	Fathoms.
109377	90 5/8	1 3/8	34.0	51.0	88	1 10	/	/	/	Stud.	N. Hingley & Sons Ltd.	Netherton 10/11/38	25	120	2 1/2	51.0	/	
109378	90 1/2	1 3/8	34.0	51.0	88	1 21	/	/	/		Do.	Netherton 25/11/38	Mailla 42 HAWSERS & WARPS	120	5 1/2			
					176	3 3												

Steering Gear, Type (Power or hand) *Combined Power & hand. T. Reid & Sons (Paisley)* Alternative Means of Steering *Wheel on Promenade Deck to hand gear.*

Steering Chains (Size and Test) *None.* Windlass *Electric. T. Reid & Sons (Paisley)* Boats *4, Wood. 28.0 x 8.5 x 3.5.*

Ceiling in Holds, thickness and material *None.* 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 William Denny & Brothers Limited. W. Russell* 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 *Motorship.*

(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 vessel is a twin screw motorship built for passenger service between London, Cherbourg and Hook of Holland and has been constructed in accordance with the approved plans, the Secretary's letters of various dates and the Society Rules for the class contemplated so far as they apply. ✓ Electric welding where adopted has been examined and found satisfactory, and the regulations for the application of electric arc welding to ship construction have been complied with. ✓*

*The materials and workmanship are good. ✓*

*The fuel tank and the non structural oil fuel tanks have been tested by water pressure and found satisfactory. ✓ The decks and W.T. bulkheads have been tested and found satisfactory. ✓ The life raitions, windlass, power and hand steering gear have been tested under working conditions and found satisfactory. ✓ Oil as fuel is carried in non structural tanks situated on port and starboard sides of the engine room and the provisions of Section 20 of the Rules 1937-8 have been complied with so far as they apply. ✓*

The amount of Entry Fee ..... £ *6 : 0 : 0* Fees applied for, *A/s tendered from London 19 MAY 1939*

Special Survey Fee.... £ *178 : 0 : 0* Received by me, *I am of opinion the Vessel should be Classed TA with freeboard ✓*

Travelling Expenses, if any £ *— : — : —* *7. 6* 19. 39 *corresponding to a moulded draught of 8'-3" for service between London, Cherbourg and Hook of Holland from May to September ✓*

State whether the Vessel has been built under Special Survey *yes* Signature *A. Dalrymple Aitken* Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Glasgow* Date of issue *27/5/39-7/6/39*

Committee's Minute *GLASGOW 9 - MAY 1939*

Character assigned *-1- A- 5.39*

*with freeboard corresponding to a moulded draught of 8' 3" " For service between London, Cherbourg and Hook of Holland from May to September. + LMC 5.39 oil eng.*

The Registrar is requested not to write on or before the Committee's Minutes.

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.)

Plans. Midship Section as built (forwarded in advance)  
(13 in N<sup>o</sup>) 1. Do. as approved.  
2. Profile and deck plans Do.  
3. Boss frames Sheet 1. Do.  
3a Do. Do 2. Do.  
4. Engine guides. Do.  
5. Propeller brackets. Do.  
6. Shell door. Do.  
7. Oil fuel tanks. Do.  
8. Quadrant, tiller & spring. Do.  
9. Stern and bow rubber. Do.  
10. W.T. bulkheads. Do.  
11. Rudder steel lagging. Do.  
12. Pumping plan. Do.

Forging reports. Rudder, Propeller brackets, tiller, stuffing box, quadrant blank, quadrant blank for bow rudder.  
(5 in N<sup>o</sup>)

PARTICULARS OF ELECTRIC WELDING (if employed) Non structural oil fuel tanks. ✓  
Main deck stringer plate to shell. ✓ W.T. Bulkheads except shell flange of shell bar.  
Centre girder to bar keel. ✓ Belting top plate to shell. ✓ Bize keel to shell. Top part  
of stem. Main deck gutter flat bar to deck. ✓

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book "With freeboard corresponding to a moulded draught of 8'-3" for service between London, Cherbourg and Hook of Holland from May to September." ✓  
oil engine. Wireless. Cruiser stern. ✓ (P) Bar keel. ✓ 1 deck & promenade deck. ✓  
Cargo battens not fitted. ✓ clean out

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	No. of statutory Certificate.	Weight Cwt. & lbs.	Surveyor.	No. of Certificate.	Date of test.
1st Bower	97955.	✓ 12-3-18.	W.H.H.	6976.	3-12-37.
2nd "	97954.	✓ 11-1-26.	R.L.	4080.	24-1-36.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop, N., R.O.P. Combined N., Bridge, and N., Forecastle 310.25 ft. 28  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ✓  
Official No. 167210. Signal Letters G.S.G.L. Extreme Breadth over Belting 54.0. ✓  
No. and Material of Decks 1 dk. steel (W.S.). Promenade deck (W.S.) Over-all Length 313.0'. ✓  
Parts of Bottom of Vessel coated with cement or approved composition Cement in peaks. ✓ Butuminous asphalt composition elsewhere.  
Particulars of composition (if fitted) and of approval Wailes, Dore & Co. Ltd. ✓

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,		
Double bottom, under Engines and Boilers,			After peak tank,		
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. 6398

Date 14.1.38

Dates of Surveys held while building

1938 Mar.: 17. 29 Apr.: 6. 8. 12. 19. 25. 29 May.: 10. 12. 17. 24. 30 June.: 7. 9. 13. 17. 22 July.: 1. 4. 10 Aug.: 3. 11. 18. 23. 25. 30 Sep.: 1. 8. 15. 20. 23. 29. 30 Oct.: 4. 11. 13. 17. 21. 27. 31 Nov.: 2. 9. 15. 25. 29. 30 Dec.: 12. 16. 23. 28. (1939)  
Jan.: 9. 16. 24 Feb.: 22 Mar.: 7. 13. 16. 20. 22 Apr.: 6 May: 3

Total No. of Visits 62