

"N" ROSE JULIE M " STEEL STEAMER MOTORSHIP.

WRECK SECTION 15 AUG 1941 Received at London Office

Rpt. WRECK SECTION

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 12th August 1941 Port of Hull. No. 54292 Survey held at Hessele Date First Survey 29-5-41 Last Survey 1st August 1941

On the Single Screw Motor Coaster "EMPIRE BANK" State Type Full Scantling State Type of Erections Prop. Forecastle.

TONNAGE under 298.10 CLASS 100. A.1. State if with freeboard No. Built at Hessele. Launched 12th April 1941 Yard No. 417. Builders Henry Scarr Ltd. Owners Admiralty. Managers Ministry of War Transport. Residence London. Port of Registry Hull. Surveyed while building, afloat, or in dry dock While Building and Afloat.

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 1/3 length amidships to Collision bulkhead	21		" " Reversed Frame		
" " in peaks	21		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, 1/4"	4 x 2 1/2 x 34		" " top Angles		
" " Extends up to DECK			" " bottom Angles		
Reversed Frame Amidships, Angle	2 1/2 x 2 1/2 x 28		Side Girders, No. each side and thickness		
" " Extends ACROSS FLOORS			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, [or]			" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, [or]			" " 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 1/4 len. for'd. to 15% len. from Stem			Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle 1/4"	4 x 2 1/2 x 28		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 RVS - 7 DIAS APART.		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, [or]	5 x 3 x 30	
Floors, Depth and thickness at mid-line in Holds	16 1/2 x 28		" " in way of Bridge, Angle, [or]	3 x 2 1/2 x 32 1/2 BEAMS	
Height of Brackets at side above base line at toe of frame	NONE		Spacing	21" AND 42"	
Middle Line Keelson, on Floors, Angles, [or]	3 1/2 x 3 x 30		Second Deck, amidships, Angle, [or]		
" " Through Plate	33 - 29		Spacing		
" " Foundation Plate on Floors	12 x 33 EACH SIDE OF CENTRE LINE.		Third Deck, amidships, Angle, [or]		
" " Flat Plate Keel Angles	3 1/2 x 3 1/2 x 34		Spacing		
Side Keelsons, No. each side	ONE		Fourth Deck, amidships, Angle, [or]		
" " thickness of Intercoastal Plate	28		Spacing		
" " Angles	3 1/2 x 3 x 32 3" VERT.		Poop Deck, Angle, [or]	5, 3 x 30	
DOUBLE BOTTOM.			Spacing	21	
Solid Floors, thickness and spacing			Bridge Deck, Angle, [or]	5, 3 x 30	
" " Are Frame and Reversed Frame joggled?			Spacing	42	
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle, [or]	5, 3, 30	
" " breadth and thickness at margin plate			Spacing	21	

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.....	ONE.						
FORECASTLE							
in 'tween Decks, Size and Spacing.....	2 1/4 DIA ON	FR 78					
POOP	(2-2 1/4 DIA ON FR 20						
"	(2-2 1/4 DIA ON FR 22						
in Holds	DEEP KNEES EVERY 4TH BEAM						
"	IN LIEU OF PILLARS						
"	12 x 3 1/2 x 26-37 L ON FR						
"	47 AND 49						
Centre Line Bulkhead.							
Stiffeners and Spacing.....							
Plating, thickness of							
STRINGERS AND DECKS.							
Uppermost Continuous Deck.							
Stringer Plate, breadth and thickness in Wells	60 x .34	-28					
" " " " in way of Bridge							
" Angle in Wells	3 1/2 x 3 1/2 x .34						
Thickness of Plating abreast Deck openings in way of Wells34						
Thickness of Plating abreast Deck openings in way of Bridge28						
Thickness of Plating within line of openings...	.28						
If Sheathed, material and thickness	1" DECK COMPOSITION IN POOP SPACE						
Second Deck.							
Stringer Plate, breadth and thickness in Wells...							
Stringer Plate, breadth and thickness in way of Bridge							
If Plated, state thickness.....							
Third Deck.							
Stringer Plate, breadth and thickness.....							
If Plated, state thickness.....							
Fourth Deck.							
Stringer Plate, breadth and thickness.....							
If Plated, state thickness							
Poop Deck.							
Stringer Plate, breadth and thickness	58 1/2 x .24						
Plating, Sheathing, material and thickness	DECK COVERING 2" THICK BY NAILS DOVE.						
Bridge Deck.							
Stringer Plate, breadth and thickness.....	52 x .28						
Plating, Sheathing, material and thickness	2" DECK COMPOSITION PLATING .28						
Forecastle Deck.							
Stringer Plate, breadth and thickness.....	.24						
Plating, Sheathing, material and thickness	.24 UNDER WINDLASS						

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?		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.								
FLAT PLATE KEEL	37	42	40	40		Double	3/4	6 RIVS PER SPACE EX. FR. RIV.	Treble	3/4	2 5/8	STRAPS 14 1/4 FOR 1/2 L 9 1/4 AT ENDS
„ DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes	A 58	32	35	28		Single Stem to 60 F	5/8	7 RIVS EX FR	Two	5/8	2 1/4	LAPS 4 1/4
	2 58	32	35	28		Double 60 F to Stem	5/8	„	Two	5/8	2 1/4	LAPS 4 1/4
BILGE PLATING, No. of Strakes	C 47	32	30	32		Single Stem to 60 F	5/8	„	Two	5/8	2 1/4	LAPS 4 1/4
	1 47	32	30	32		Double 60 F to Stem	5/8	„	Two	5/8	2 1/4	LAPS 4 1/4
SIDE PLATING, No. of Strakes	D 31	32	28	28		Single	5/8	„	Two	5/8	2 1/4	LAPS 4 1/4
	2 31	32	28	28		Single	3/4	6 RIVS PER SPACE EX. FR.	Two	5/8	2 1/4	LAPS 4 1/4
UPPER DECK, Sheer- strake in Wells	E 42	38	32	28		Single	3/4	„	Two	3/4	2 5/8	LAPS 5
	2 42	38	32	28		Single	3/4	„	Two	3/4	2 5/8	LAPS 5
UPPER DECK, Sheer- strake in Wells	F 43	42	28	28		Single	3/4	„	Treble	3/4	2 5/8	LAPS 7 1/2 1/2 L 4 1/4 ENDS
	2 43	42	28	28		Single	7/8	5 RIVS PER SPACE EX. FR.	Treble	7/8	3/8	LAPS 9
UPPER DECK, Sheer- strake in Bridge ...												
STRAKE BELOW Sheer- strake in Wells												
STRAKE BELOW Sheer- strake in Bridge ...												
POOP SIDE PLATING	✓	✓	✓	24 SHEER 26 SIDE		Single	5/8	7 RIVS PER SPACE EX. FR RIVS	One	5/8	2 1/4	LAPPED 2 1/2
BRIDGE SIDE PLATING ...												
FORE'C'TLE SIDE PLATING	✓	✓	24 SHEER 25 SIDE			Single	5/8	9 RIVS PER SPACE EX FR. RIVS	One	5/8	2 1/4	LAPPED 2 1/2

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	3
" Deck next below	✓
As per Rule	3

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				Flat Plate Keel
STEM				Rolled 6 x 1 1/4 flat bar } apply Fradingham Steel Co.
STERN FRAME				Propeller Post 5 1/2 x 2 1/4 } Mild apply Fradingham Steel Co.
				Rudder 5 1/2 x 2 1/4 } Steel
Speed of Vessel				8 Knots
RUDDER—Type				Semi-balanced.
" A x D				(6.5 x 4.83) x 1.25 = 39.20
" Diam. of head				Mild 4 1/2 - 3 1/2 } apply Fradingham Steel Co.
" Mainpiece at top				Steel 3 1/2
" heel				3 1/2
" how constructed				Mild Steel frame with side plates
" double or single plate				.26
" coupling, vertical or horizontal				Horizontal

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
" " Second "					
" " Third "					
" " Holds		FR 24	32-30	6 x 1/2 FLAT BAR	25 1/2
COLLISION		FR 71	32-30	8 x 3/4 x 50-34	24
AFTER PEAK		FR 6	30	4 x 2 1/2 x 30	24
		FR 4	50	NONE	(W FLAT TO DECK) (KEEL TO W FLAT ONLY)

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

STEEL.

PLATES:—

ANGLES:—

Has the Steel been tested as required by the Rules?

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 vessel is a sister ship to the same builder yard N^o 416
The approved plans are returned herewith.

PARTICULARS OF ELECTRIC WELDING (if employed)

Oil Fuel Bunkers electric welded construction.

Stern frame of welded construction (See letter 2.9.41)

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

CARGO BATTEN NOT FITTED

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

1st Bower	5. 1. 5.	J.D.	5696	17/7/40.
2nd "	5. 1. 7.	J.D.	5697	17/7/40.
3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 32.0 ft., R.Q.D. ✓ ft., Bridge 10.5 CTR 9.5 SIDE ft., Forecastle 13.5 ft.

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

Official No. 167107 Signal Letters ✓ Extreme Breadth over Belting ✓ Over-all Length 149'-10" (Circ. 1703)

No. and Material of Decks 1 D^o (STEEL)

Parts of Bottom of Vessel coated with cement or approved composition Below hold ceiling 2 coats of Bituminous Solution.

Particulars of composition (if fitted) and of approval ✓

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,	16.5 OVERALL	58
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	14.5 "	28
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	47-71	42' bot ✓	Other tanks, if fitted,	OIL FUEL BUNKERS IN MOTOR ROOM 5.25	21 OIL
Total length (if continuous) and Capacity			(If necessary, furnish further information by sketch.)		

See Gms Rpt. 23387. Dated 11/1/8.

Order for Special Survey No. 211

Date 27.3.40

Dates of Surveys held while building

1940.
May 29. June 3. 5. 14. 18. 21. July. 1. 8. 9. 15. 18. 23. 29. Aug. 5. 8. 14. 15. 21. 22. Sep. 24. 9. 10. 7. 19. 23. Oct. 1. 8. 14. 15.
21. 30. Nov. 7. 13. 20. 22. 26. 30. Dec. 5. 12. 18. 26. — 1941. Jan. 1. 6. 10. 16. 24. 31. Feb. 10. 18. 25. 28. Mar. 5. 13. 24. 25.
28. Apr. 2. 7. 9. 10. 12. 21. 23. 25. 30. May. 5. 7. 12. 16. 20. 22. 28. June. 4. 11. 25. 28. July. 1. 9. 14. 22. 23. 25. 29.
30. Aug. 1.

Total No. of Visits 8