

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 *9th May 1929*Port of *Newcastle-on-Tyne*No. *84177*Survey held at *Newcastle-on-Tyne*Date First Survey *October 11th 1928*Last Survey *May 6th 1929**1929*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *single screw**KINGSWOOD*

(Machinery amidships)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full scantling*State Type of Erections *Prop. bridge forecastle*TONNAGE under Tonnage Deck... *4574.18*CLASS *100A1*State if with freeboard as condition of Class *no*Built at *Howdon-on-Tyne*

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 404.5*

FEET.

Breadth (greatest moulded) *B 53.5*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 29.08*1st Longitudinal Number (L x D) = *11762*2nd Numeral L x (B + D) = *33403*Framing Depth "d," at middle of length. See Sec. 3 (1d) *25.36*Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.90*Do. Long Bridge to top of keel *10.90*Draught Moulded *24.74*Launched *26th March 1929* Yard No. *409*Builders *Northumberland S.R. Co (1927) Ltd*Owners *Joseph Constantine S.S. Line Ltd*

Managers

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

Residence *Middlesbrough*Port of Registry *Middlesbrough*If surveyed while building, afloat, or in dry dock *Yes*

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	27½		Bracket Floors, Frame	7 6 3½ 36	
" " from ½ length to Collision bulkhead	27½		" " Reversed Frame <i>angle</i>	7 3½ 38	
" " in peaks	24		" " Vertical Struts <i>7 9</i>	3½ 3½ 38	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	42 52	
Frame Amidships, Angle, E or [<i>N.B.S.</i>	12 3½ 62		" " top Angles <i>Single</i>	5 5 50	
" " Extends up to <i>U.D.K. and B.D.K. at both ends</i>			" " bottom Angles <i>Double</i>	4 4 56	
Reversed Frame Amidships, Angle	-		Side Girders, No. each side and thickness	One 38	
" " Extends up to	-		Margin Plate depth (excl. of flange) and thickness	36 50	
Depth of Framing Girder	12		" " Vertical Angle to Tank side Bracket abaft ½ len. from stem	5 5 42	
Frames in Uppermost Continuous 'tween Decks, Angle, E or [6½ 3½ 52		" " Vertical Angle to Tank side Bracket forward ½ len. from stem	6 6 42 with back bar	
" " Second 'tween Decks, Angle, [or [-		" " Gussets, spacing and scantling abaft ½ len. from stem	27½ 40	
" " Third " " "	-		" " Gussets, spacing and scantling forward ½ len. from stem	every frame 40	
Framing in Peaks, Angle or [<i>N.B.S.</i>	7 3½ 48		Tank Side Brackets, height above base line at toe of Frame and thickness	68 45	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 @ 7 dia		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>Yes</i>		Breadth and thickness of Middle Line Strake	72 48	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>4 hold side stringers with deep channel frames and reverse frames</i>		Thickness of remainder in Holds	42	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Double frames extra intercostals bottom plating midships thickness</i>		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?	<i>Yes</i>	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, E or [7 3½ 36 NBS	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, E or [9 3 62 0.85	
Middle Line Keelson, on Floors, Angles, [or [Spacing <i>alt frames in way of bridge</i>		
" " Through Plate or Intercostal 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 Intercostal Plate			Fourth Deck, amidships, Angle, [or [
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, E or [6½ 3½ 47	
Solid Floors, thickness and spacing	38 82½		Spacing <i>every frame</i>		
" " Are Frames and Reversed Frame joggled?	<i>Yes</i>		Bridge Deck, Angle, E or [6½ 3 36 0.20	
Bracket Floors, breadth and thickness at middle line	31½ 38		Spacing	27½	
" " breadth and thickness at margin plate	31½ 38		Forecastle Deck, Angle, E or [7 3 38	
			Spacing <i>every frame</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 in between decks			One						
" in 'tween Decks, Size and Spacing			1	6-3 1/2 x 3 1/2	38	Spaced as per profile per plans	Stringer Plate, breadth and thickness in way of Bridge		
" " " " "			2 1/2	and 2 3/4			Thickness of Plating abreast Deck openings in way of Wells		
" in Holds							Thickness of Plating abreast Deck openings in way of Bridge		
" " " " "							Thickness of Plating within line of openings		
Centre Line Bulkhead.							If Sheathed, material and thickness		
Stiffeners and Spacing			1	N.B.S.	10 3 1/2	58	Third Deck.		
Plating, thickness of					30		Stringer Plate, breadth and thickness		
STRINGERS AND DECKS.							If Plated, state thickness		
Uppermost Continuous Deck.							Fourth Deck.		
Stringer Plate, breadth and thickness in Wells			66	80	40		Stringer Plate, breadth and thickness		
" " " " in way of Bridge			66		44		If Plated, state thickness		
" Angle in Wells			6	6	86		Poop Deck.		
Thickness of Plating abreast Deck openings in way of Wells					72		Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Bridge					44		Plating, Sheathing, material and thickness		
Thickness of Plating within line of openings					40		39 34		
If Sheathed, material and thickness			-	-	-		30 partly sheathed		
Second Deck.							Bridge Deck.		
Stringer Plate, breadth and thickness in Wells			-	-	-		Stringer Plate, breadth and thickness		
							56 56		
							Plating, Sheathing, material and thickness		
							56		
Forecastle Deck.							Forecastle Deck.		
Stringer Plate, breadth and thickness							Stringer Plate, breadth and thickness		
							36 34		
							Plating, Sheathing, material and thickness		
							34		

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. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.			Diam. Inches.	Spacing cr. to cr. Inches.		Diam. Inches.	Spacing cr. to cr. Inches.	
FLAT PLATE KEEL	49	77	67	67		Double	$\frac{7}{8}$	$3\frac{1}{2}$	4-3	1	4	Lapped
" DECK (if any)	3 bottom strakes midship thickness to collision bulkhead											
BOTTOM PLATING, No. of Strakes four		59	50	46		"	"	"	3	$\frac{7}{8}$	$3\frac{1}{8}$	"
BILGE PLATING, No. of Strakes one		59	46	46		"	"	"	3	"	"	"
SIDE PLATING, No. of Strakes three		59	44	44		"	"	"	3	"	"	"
UPPER DECK, Sheer-strake in Wells.....	55 $\frac{1}{2}$	86+43	44	44		"	1	4	4	1	4	"
UPPER DECK, Sheer-strake in Bridge ...		59				"	$\frac{7}{8}$	$3\frac{1}{2}$	3	$\frac{7}{8}$	$3\frac{1}{8}$	"
STRAKE BELOW Sheer-strake in Wells.....	55 $\frac{1}{2}$	70	44	44		"	"	"	4	"	$3\frac{1}{2}$	"
STRAKE BELOW Sheer-strake in Bridge ...		59				"	"	"	3	"	$3\frac{1}{8}$	"
POOP SIDE PLATING				38		Single	$\frac{3}{4}$	3	2	$\frac{3}{4}$	$2\frac{5}{8}$	"
BRIDGE SIDE PLATING ...		60				Double	$\frac{7}{8}$	$3\frac{1}{2}$	3	$\frac{7}{8}$	$3\frac{1}{8}$	"
FORE'C'TLE SIDE PLATING			40			Single	$\frac{3}{4}$	3	2	$\frac{3}{4}$	$2\frac{5}{8}$	"

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.)

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

1st Bower 40 cwt 3 qrs 0 lbs. M.B. W-5758. 13/9/28.
2nd " 40 " 3 " 7 " K.H. W-5704 30/8/28.
3rd " 36 " 0 " 0 " M.B. W-5943 16/11/28.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 39.75 ft., R.Q.D. — ft., Bridge 256.6 ft., Forecastle 32.97 ft.
(in feet and tenths). When the Poop is joined to the B.D., ^{not} this should be distinctly stated.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 10K (stl)

Official No. 160723 ; Signal Letters

Is bottom of Vessel coated with cement yes if not give

particulars of composition —

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.		Water Capacity.	Where Fitted.	*Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	137.5	410	Fore peak tank,		21.5	114	
Double bottom, under Engines and Boilers,	22.9	105	After peak tank,		26.0	192	
Double bottom, if under Engines only,	18.3		Deep tank, aft,				
Double bottom, if under Boilers only,	174.2	656	Deep tank, forward,				
Double bottom, forward,			Other tanks, if fitted,				
	Total capacity of double bottom		1171	(If necessary, furnish further information by sketch.)			

* The wells are not to be included in the lengths of the tanks.
256.6

Order for Special Survey No. 5306

Date 13. 11. 28.

Dates of Surveys held while building

1928 Oct. 11. 23. 26. Nov. 1. 8. 12. 14. 19. 21. 26. 28. 30. Dec. 3. 6. 10. 12. 14. 17. 19. 21. 27.
1929 Jan. 3. 7. 11. 15. 17. 21. 23. 28. 30. 31. Feb. 8. 12. 14. 18. 20. 22. 26. 28. Mar. 4. 5. 7. 8. 11. 13. 15.
18. 21. 22. 26. 28. Apr. 4. 8. 10. 16. 18. 25. 30. May. 2. 3. 6.

Total No. of Visits 61.