

WRECK  
SECTION  
No 942

N/N "WINNEBA"  
STEEL STEAMER or MOTORSHIP.

WRECK  
Received at London O  
SECTION  
No 949

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 25/5/38 Part of NEWCASTLE-ON-TYNE No. 96297  
Survey held at Walker-on-Tyne Date First Survey 30 March 1937 Last Survey 19 May 1938  
On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) "UMGENI" Twin Screw Machinery amidships

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling with freeboard. State Type of Erections P.B. & F.

TONNAGE under } 6653.64  
Tonnage Deck... }

CLASS + 100 A-1. State if with freeboard } Yes ✓  
as condition of Class }

Built at Walker-on-Tyne

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

Length from fore part of stem to after part of stern } L 445.0  
post on summer L.W.L. See Sec. 3 (1a) }

Launched 17<sup>th</sup> Jan. 1938. Yard No. 1556

**Total**

**Breadth** (*greatest moulded*) ..... **B** 61.0

Builders *Swan Huntin & Wigham Richardson*

Gross Tonnage 8180.04

**Depth**, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) ..... } D 35.5

Owners *Bullard King & Co Ltd.*

Register Tonnage 5081.97

**1st Longitudinal Number ( $L \times D$ )..... = -**

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

**REGISTERED DIMENSIONS.**  
FEET.

**Framing Depth "d,"** at middle of length. See } 22.68  
Sec. 3 (1d) .....

*Residence*

Length 451.4

**Proportions**—Depth to Length—Uppermost continuous deck to top of keel } 12.50

Port of Registry *London*

**Breadth** 61.2

Do. Long Bridge to top } 10.10

*If surveyed while building, afloat, or in dry dock*

Depth 32.10

**Draught Moulded** ..... *of keel* **25'-4 $\frac{1}{4}$ "**

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.
<b>RAMES, Spacing amidships</b> .....	32"				<b>Bracket Floors, Frame</b> .....	7	9 3 1/2 .44	
" " from 3/8 length to Collision bulkhead.....}	27"				" " Reversed Frame .....	7	9 3 1/2 .38	
" " in peaks.....	24"				" " Vertical Struts .....	7	9 3 1/2 .38	
<b>DE FRAMING.</b>					<b>Centre Girder, depth and thickness amidships</b>	44 3/4 x .58		.54 appd
<b>Frame Amidships, Angle, E or C</b> .....	12 3 1/2 .54	10 3 1/2 .44	when no third dk N° 3 Hold.		" " top Angles .....	3 1/2 3 1/2 .54		.48 "
" " Extends up to .....	2nd dk				" " bottom Angles .....	5 5 .62		.54 "
<b>Reversed Frame Amidships, Angle</b> .....	✓				<b>Side Girders, No. each side and thickness</b> .....	Two .42		.38 "
" " Extends up to .....	✓				<b>Margin Plate</b> depth (excl. of flange) and thickness .....	39" x .55		
<b>Depth of Framing Girder</b> .....	12" + 10"				" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem .....	5 5 .46		
<b>Frames in Uppermost Continuous 'tween Decks, Angle, E or C</b> .....	8 3 1/2 .36	7 3 1/2 .36	in way of bridge clear of obstructions		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem .....	5 5 .46		
" " <b>Second 'tween Decks, Angle, E or C</b> .....	✓				" " Gussets, spacing and scantling abaft 1/4 len. from stem .....	.43 Continuous		
" " <b>Third</b> " " " " .....	✓				" " Gussets, spacing and scantling forward 1/4 len. from stem .....	.43 Continuous		
<b>Framing in Peaks, Angle or C</b> .....	8 3 1/2 .375				<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	69 3/4 x .49		
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b> .....	7/8 .54"				<b>INNER BOTTOM PLATING.</b>			
<b>State if Frame Joggled</b> .....	Yes				Breadth and thickness of Middle Line Strake .....	53 1/2 x .52		
<b>PLATING ARRANGEMENTS (Sec. 7), state system and particulars</b>	Side stringers + frames with several frames as approved additional 1/2 height Intercoastal double riveted bottom frames Bottom shell plating increased as approved				Thickness of remainder in Holds .....	.45 increased .08 under hatchways		
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars</b> .....					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? .....	Yes.		
<b>SINGLE BOTTOM.</b>					<b>BEAMS.</b>			
<b>Floors, Depth and thickness at mid-line in Holds</b> .....					<b>Uppermost Continuous Deck, amidships</b> in Wells, Angle, E or C .....	9 3 1/2 .38		
Height of Brackets at side above base line at toe of frame .....					" " in way of Bridge, Angle, E or C .....	9 3 1/2 .38		
<b>Middle Line Keelson, on Floors, Angles, E or C</b> .....					Spacing .....	Every		
" " " Through Plate or Intercoastal Plate .....					<b>Second Deck, amidships, Angle, E or C</b> .....	9 3 1/2 .53		
" " " Foundation Plate on Floors .....					Spacing .....	Every		
" " " Flat Plate Keel Angles					<b>Third Deck, amidships, Angle, E or C</b> .....	10 3 1/2 .42 to 9 3 1/2 .38		
<b>Side Keelsons, No. each side</b> .....					Spacing .....	Every		
" " thickness of Intercoastal Plate .....					<b>Fourth Deck, amidships, Angle, E or C</b> .....	9 3 1/2 .38		
" " Angles					Spacing .....	Every		
<b>DOUBLE BOTTOM.</b>					<b>Poop Deck, Angle, E or C</b> .....	8 3 .36 to 7 3 .38		
<b>Solid Floors, thickness and spacing</b> .....	.43 Every 2nd				Spacing .....	Every		
" " Are Frame and Reversed Frame joggled? .....	Frame of Yes Rev Frame No				<b>Bridge Deck, Angle, E or C</b> .....	9 3 1/2 .40		
<b>Bracket Floors, breadth and thickness at middle line</b> .....	33 1/2 x .43				Spacing .....	Every		
" " breadth and thickness at margin plate .....	33 1/2 x .43				<b>Forecastle Deck, Angle, E or C</b> .....	8 3 .375 to 8 3 .44		
					Spacing .....	Every		



## PILLARS AND DECKS.

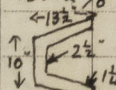
	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>PILLARS</b> , No. of Rows.....	Two		Stringer Plate, breadth and thickness in way of Bridge .....	66" x 38' 40" x 50'	
" in 'tween Decks, Size and Spacing }....	wide spaced pillars as approved		Thickness of Plating abreast Deck openings in way of Wells .....	37	
" " " " " }			Thickness of Plating abreast Deck openings in way of Bridge .....	30 x 34	
" in Holds " "			Thickness of Plating within line of openings..	30 x 34	
" " " " " }			If Sheathed, material and thickness .....	✓	
<b>Centre Line Bulkhead.</b>			<b>Third Deck. No 1 Hold</b>		
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....	37" x 34	
Plating, thickness of .....	✓		If Plated, state thickness.....	30	
<b>STRINGERS AND DECKS.</b>			<b>Third Fourth Deck. No 3 Hold</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....	28	
Stringer Plate, breadth and thickness in Wells	63" x .76 1.14 at break		If Plated, state thickness .....	28	
" " " " in way of Bridge	74 1/2" x .42		<b>Poop Deck.</b>		
" Angle in Wells .....	6 6 .76		Stringer Plate, breadth and thickness .....	37" x 36	
Thickness of Plating abreast Deck openings } in way of Wells .....	.60		Plating, Sheathing, material and thickness ...	26 plating 2 1/2" teak exposed 1 1/2 composition in accom.	
Thickness of Plating abreast Deck openings } in way of Bridge .....	.37		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	.43 x .34		Stringer Plate, breadth and thickness.....	70 x .48 .46 x .42	
If Sheathed, material and thickness .....	2 1/2" teak exposed lined on 3/4 cork in accom.		Plating, Sheathing, material and thickness ..	2 1/2" teak exposed 1/4 rubber tiles on 3/4" compressed cork	
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...	66" x .42		Stringer Plate, breadth and thickness.....	35" x 36	
			Plating, Sheathing, material and thickness ..	26 2 1/2" teak	

## SHELL PLATING.

SCANTLINGS.					RIVETING. Amidships								
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.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL .....	51	84	74	74		Double	1	4	Quad	1	4	lapped	
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes ..... 4...		66	50	50		Double	7/8	3 3/4	Quad	7/8	3 1/2	"	
BILGE PLATING, No. of Strakes ..... 1...		66	50	50		Double	7/8	3 3/4	Quad	7/8	3 1/2	"	
SIDE PLATING, No. of Strakes ..... 2...		65	47	47		Double	7/8	3 3/4	Treble	7/8	3 1/2	"	
UPPER DECK, Sheer- strake in Wells.....	77	1.15 at 85	47	47		lower edge Double	1 1/8 + 1"	4 1/2 + 4"	Quintuple + Quad	1 1/8 1"	5 1/8 4"	"	
UPPER DECK, Sheer- strake in Bridge ...		65				Double	1" + 7/8	4" + 3 3/4	Quad + treble	1" + 7/8	4" + 3 1/8	"	
STRAKE BELOW Sheer- strake in Wells.....		65	47	47		cover edge Double	7/8	3 3/4	Treble	7/8	3 1/8	"	
STRAKE BELOW Sheer- strake in Bridge ...		65	-	-		Double	7/8	3 3/4	Treble	7/8	3 1/8	"	
POOP SIDE PLATING .....				40		Single	7/8 + 3/16	3 3/4 + 3	Single	3/4	2 5/8	"	
BRIDGE SIDE PLATING ...		61			increased for side lights	Double	7/8	3 3/4	Treble	7/8	3 1/8	"	
FOREC'TLE SIDE PLATING			42			Single	3/4	3"	Single	3/4	2 5/8	"	

## WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

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) 6							
,, Deck next below -							
As per Rule 7. See London Letter 1.1.37.							
				STIFFENERS.			
Plating Thickness.				VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD., Upper tween decks				'26	5x3x.287	30"	
,, Second ,,							
,, Third ,,							
,, Holds .....				'48-29	12x3½x3½ x 60	30"	
COLLISION ,, (in Hold) .....				'46-32 -26	8x3x.427 to 6x3x.287 8x3x.387 to 4x2x.30	30" } spaced 24"	
AFTER PEAK ,, .....				'43-30	7x3x.387 to 5x2x.34 L	24"	
				KEEL, Bar ..... ?			
				STEM ..... rolled bar 10x2½ <sup>8</sup> 			
				STERN FRAME { Propeller Post } ... cast steel { Rudder     "     ..... steel Strommens Verkstedt			
				Speed of Vessel ..... 15 knots			
				RUDDER—Type ..... Balanced			
				,, A x D .....			
				,, Diam. of head ..... Forging 11½			
				,, Mainpiece at top pintle } Rudder frame of Strommens { cant steel Verkstedt ,,                                   heel ... as approved			
				,, how constructed .....			
				,, double or single plate ..... double			
				,, coupling, vertical or horizontal ..... 1 vertical + 1 Intermediate horizontal coupling			

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth.*  
*Cousitt Iron Co, Dorman Long & Co Ltd, Appleby Frodingham Steel Co Ltd, South Durham S & I Co, Skinningrove Iron Co Ltd.*  
*Cargo Fleet Iron Co Ltd, Lancashire Steel Co Ltd, Steel Co of Scotland Ltd, Colvilles Ltd.*

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.)

This vessel is a sister vessel to the T.S.S. "UMTATA" & "UMTALI"

The approved plans (9 in number) are enclosed herewith together with the approved plans for "UMTATA" & "UMTALI"  
Plan of midships section & Profile & decks (as built) also attached.  
Forging reports attached.

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

Caisson stern, Refrig. Machinery.

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

1st Bower

52-2-24

2nd "

51-2-0

3rd "

52-0-0

Weight of Shank

21-1-14

22-0-0

21-0-7

Quadrant Type  
Stockless anchors.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 44.67 ft., R.Q.D. ✓ ft., Bridge 192 ft., Forecastle 22.08 ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated *not joined*

No. and Material of Decks 2 decks steel, upper deck wood sheathed.  
3rd deck in Nos 1 & 3 holds.

Official No. 166451

Signal Letters G.K.G.W.

Particulars of composition

No 1 4 5 6 O.B. tanks — — — — — outside strakes flushed with cement.  
No 2 — — — — — Bottom cemented above rivet heads.  
No 3 — — — — — Bituminous enamel.  
Fore & aft peaks — — — — — cemented.

Part

if not give

### PARTICULARS OF WATER BALLAST.—

Where Fitted.	S.W.		Where Fitted.	S.W.	
	*Length. Feet.	Water Capacity. Tons.		*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	114.6	320	Fore peak tank,	25.3	80
Double bottom, under Engines and Boilers,			After peak tank,	26.0	242
Double bottom, if under Engines only,	40.0	195	Deep tank, aft,		
Double bottom, if under Boilers only,	69.3	dry tank	Deep tank, forward,		
Double bottom, forward,	145.6	425	Other tanks, if fitted,		
Total capacity of double bottom		940	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 5547

Date 4.6.37.

Dates of Surveys held while building

1937 Mar. 30. Apr. 30. May 3. 18. 20. 25. 31. June 2. 15. 17. 28. July 1. 28. 14. 26. 30. Aug. 3. 12.  
16. 23. 26. 31. Sep. 21. 22. 23. 29. Oct. 1. 6. 8. 11. 13. 15. 18. 21. 25. 27. 28. Nov. 1. 3. 4. 8. 9. 11. 15. 18. 19.  
29. 30. Dec. 1. 3. 6. 8. 9. 16. 21. 24. 29. 30. 1938 Jan. 6. 7. 17. 21. 28. Feb. 3. 4. 14. 18. 21. 23. 25.  
Mar. 10. 14. 17. 29. 31. Apr. 5. 12. 14. 19. 22. 25. 27. 29. 30. May 3. 6. 10. 11. 16. 17. 19.

Total No. of Visits 92