

RECEIVED

STEEL STEAMER OR ~~MOTORSHIP~~

Received at London Office

11 OCT 1943

12 OCT 1943

IN D.O.

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<sup>th</sup> October 1943* Port of *Sunderland* No. *33799*Survey held at *Sunderland* Date First Survey *11 January* Last Survey *4 October 1943*On the *Wrenwood*State Type *Full scantling* State Type of Erections *Boiler RQ dk*TONNAGE under Tonnage Deck *2147.31* CLASS *+100A1* State if with freeboard as condition of Class *No* Built at *Sunderland*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) *312.00* Launched *2<sup>nd</sup> June 1943* Yard No. *368*Total Breadth (greatest moulded) *44.25* Builders *Messrs S P Austin & Son Ltd*Gross Tonnage *2846.84* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *22.08* Owners *W. France & Sonwick & Co Ltd*Register Tonnage *1588.35* 1st Longitudinal Number (L x D) *6888.96* Managers *(Where necessary to be entered in Reg. Book)*

## REGISTERED DIMENSIONS.

FEET

Length *317.3* Residence *23 Road Lane, E.C.3*Breadth *44.5* Port of Registry *London*Depth *19.9* Draught Moulded *19.9* If surveyed while building, afloat, or in dry dock *Wharfedale building*

## 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	27	✓	Bracket Floors, Frame	-	
" " from $\frac{1}{2}$ length amidships to Collision bulkhead	27	✓	" " Reversed Frame	-	
" " in peaks	24	✓	" " Vertical Struts	-	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	36 $\frac{1}{2}$ x 44	✓
Frame Amidships, Angle, $\square$ or $\bigcirc$	9 3 $\frac{1}{2}$ 38	✓	" " top Angles <i>double</i>	3 3 38	✓
" " Extends up to	U or RQ deck	✓	" " bottom Angles <i>double</i>	3 $\frac{1}{2}$ 3 $\frac{1}{2}$ 44	✓
Reversed Frame Amidships, Angle	-		Side Girders, No. each side and thickness	1 x 32	✓
" " Extends up to	-		Margin Plate depth (incl. of flange) and thickness	41 x 42	✓
Depth of Framing Girder	9	✓	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	See section	✓
Frames in Uppermost Continuous 'tween Decks, Angle, $\square$ or $\bigcirc$	-		" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area	do do	✓
" " Second 'tween Decks, Angle, $\square$ or $\bigcirc$	-		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	-	
" " Third	-		" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area	-	
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	8 3 36 84	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	9.7 x 36	✓
" " in Peaks, Angle or $\bigcirc$	6 3 39	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 x 5 1/4	✓	Breadth and thickness of Middle Line Strake	75 x 56	✓
State if Frame Joggled	Yes	✓	Thickness of remainder in Holds	56	✓
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?	Yes	✓
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	8 3 $\frac{1}{2}$ 44	✓
Floors, Depth and thickness at mid-line in Holds			" " Angle, $\square$ or $\bigcirc$	-	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, $\square$ or $\bigcirc$	-	
Middle Line Keelson, on Floors, Angles, $\square$ or $\bigcirc$			Spacing	27	✓
" " Through Plate or Inter-costal Plate			RQ Second Deck, amidships, Angle, $\square$ or $\bigcirc$	7 3 $\frac{1}{2}$ 35	✓
" " Foundation Plate on Floors			Spacing	27	✓
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, $\square$ or $\bigcirc$		
Side Keelsons, No. each side			Spacing		
" " thickness of Inter-costal Plate			Fourth Deck, amidships, Angle, $\square$ or $\bigcirc$		
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, $\square$ or $\bigcirc$		
Solid Floors, thickness and spacing	34 x 27	✓	Spacing		
" " Are Frame and Reversed Frame joggled?	Frame only	✓	Bridge Deck, Angle, $\square$ or $\bigcirc$		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, $\square$ or $\bigcirc$	6 3 40	✓
			Spacing	24	✓



## 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> .....	-			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 „ „ „	36" deep brackets spaced 9'-0" apart on base of pillars			Thickness of Plating within line of openings	34" - 30"		
„ „ „ „ „				If Sheathed, material and thickness			
<b>Centre Line Bulkhead.</b>				<b>Third Deck.</b>			
Stiffeners and Spacing .....	-			Stringer Plate, breadth and thickness			
Plating, thickness of .....	-			If Plated, state thickness			
<b>STRINGERS AND DECKS.</b>				<b>Fourth Deck.</b>			
<b>Uppermost Continuous Deck.</b>				Stringer Plate, breadth and thickness			
Stringer Plate, breadth and thickness	8 1/2" x 1"			If Plated, state thickness			
„ „ „ „ in way of Bridge	7 1/2" x 1"			<b>Poop Deck.</b>			
„ Angle in Wells	8 1/2" x 78"			Stringer Plate, breadth and thickness			
Thickness of Plating abreast Deck openings in way of Wells	4"			Plating, Sheathing, material and thickness			
Thickness of Plating abreast Deck openings in way of Bridge	4"			<b>Bridge Deck.</b>			
Thickness of Plating within line of openings	44" - 30"			Stringer Plate, breadth and thickness			
If Sheathed, material and thickness				Plating, Sheathing, material and thickness			
<b>Second Deck.</b>				<b>Forecastle Deck.</b>			
Stringer Plate, breadth and thickness	8 1/2" x 62"			Stringer Plate, breadth and thickness			
				Plating, Sheathing, material and thickness	31" 50" under windlass		

## SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	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.....	46 1/2	62	57	59		2	7/8	3 1/8	3	7/8	3 1/8	Lapped	
„ Dblg. (if any)	-	-	-	-		-	-	-	-	-	-	-	
Bottom Plating, No. of Strakes A.B.C....}	72	52	50	41		2	3/4	3	3	3/4	2 5/8	Lapped.	
Bilge Plating, No. of Strakes .....D.....}	67	52	50	49		2	3/4	3	3-2	3/4	2 5/8	do.	
Side Plating, No. of Strakes E.F.G....}	55	52	48	40		2	3/4	3	3-2	3/4	2 5/8	do *	
also H @ 20 ft. Upper Deck, Sheer- strake in Wells J.	48	82	40	-		2	1	3 1/2	4-3	1	4	do	
Upper Deck, Sheer- strake in Bridge K.	61 1/4	55	-	40		2	7/8	3 3/8	3-2	7/8	3 1/8	do.	
Strake below Sheer- strake in Wells M.	48	65	40	-		2	7/8	3 3/8	4-3	7/8	3 1/8	do	
Strake below Sheer- strake in Bridge J.	48	55	-	40		2	7/8	3 3/8	3-2	7/8	3 1/8	do	
Poop Side Plating.....	-	-	-	-		-	-	-	-	-	-	-	
Bridge Side Plating.....	-	-	-	-		-	-	-	-	-	-	-	
Forecastle Side Plating	-	-	37	-		1	3/4	3	1	3/4	2 5/8	Lapped.	

## WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) 4 ✓ *intermediate BH dispensed with.*

Deck next below 1

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.	12 x 1 5/8	Inset.	
STEM .....				
STERN FRAME { Propeller Post .....	F.	9 5/8 x 5 3/4	Std Forge.	
{ Rudder " .....	F.	13 x 5 3/4	do.	
Speed of Vessel .....		10 knots.		
RUDDER—Type .....		Ordinary		
" A x D. ....		263.26		
" Diam. of head .....	F.	8 1/2	Walsingham.	
" Mainpiece at top pintle .....		8 1/2 x 6 1/4		
" " heel .....		4 1/4 x 6 1/4		
" how constructed .....		Riveted		
" double or single plate .....		Double 40"		
" coupling, vertical or .....		Vertical		
" horizontal .....				

## STIFFENERS.

			Plating Thickness.	VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP	BULKH'D,	Upper 'tween decks					
"	"	Second	"				
"	"	Third	"				
"	"	Holds ... (No. 00) ✓	34" 30'	12" 32' x 51 BA ✓	24" ✓	7" x 3" x 44' 84" ties on act. stuffs ✓	
COLLISION	"	(in Hold) ✓	45" 30'	6" x 3" x 30 BA ✓	24" ✓	2) semi box beam ✓	
AFTER PEAK	"	" ✓	65" 30'	6" x 3" x 30 BA ✓	24" ✓	6" x 3" x 36 on ✓	

## STEEL.

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

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth.*  
*Appelby, Frodingham, Cargo Fleet, Consett, Dorman Long, Skinningrove & Durham*

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



## ANCHORS.

## CHAIN CABLES.

## HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
			Statu- th.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.		Tons.	Fathoms.
1515	105 <sup>2</sup> / <sub>3</sub>	17 <sup>8</sup> / <sub>8</sub>	63 <sup>1</sup> / <sub>4</sub>	88 <sup>3</sup> / <sub>2</sub>	187.2.18	186 <sup>3</sup> / <sub>8</sub>	210	17 <sup>8</sup> / <sub>8</sub>	Stud link	H. Hingley & Son.	Neth. 21.5.43 JAR.	TOWLINE	100	4	33.2	100	4
1516	105 <sup>1</sup> / <sub>3</sub>	17 <sup>8</sup> / <sub>8</sub>	63 <sup>1</sup> / <sub>4</sub>	88 <sup>3</sup> / <sub>2</sub>	187.3.0	186 <sup>3</sup> / <sub>8</sub>	240	17 <sup>8</sup> / <sub>8</sub>	do.	do.	do.	HAWSEWS & WARPS	2090	2 <sup>1</sup> / <sub>2</sub>	13.2	2090	2 <sup>1</sup> / <sub>2</sub>
												"	2090	2 <sup>1</sup> / <sub>4</sub>	10.8	2090	2 <sup>1</sup> / <sub>4</sub>
Iron Stream Chain or Steel Wire	75	4 <sup>1</sup> / <sub>4</sub>		36.4			75	4 <sup>1</sup> / <sub>4</sub>				"					

Steering Gear, Type (Power or hand) *Electric - Doulsons* Alternative Means of Steering *Blocks & tackle*  
Steering Chains (Size and Test) *Direct to rudder head* Windlass *Steam - Emerson Baller Boats*  
Ceiling in Holds, thickness and material *Nil.* Cargo Battens, thickness, material and spacing *Nil.*  
Cargo Hatchways.—(Upper Deck) *Plates & angles* Thickness of Hatches *Steel 26'-31'*  
Size of Hatchways No. 1 (Fwd.) *28'-11" x 24'-11"* No. 2 *34'-10" x 29'-11"* No. 3 *37'-11" x 29'-11"* No. 4 *35'-5" x 29'-11"* No. 5  No. 6   
Number of <sup>*webs*</sup> ~~Shifting Beams~~ *N<sup>o</sup> 1, 2, 3 = 11. N<sup>o</sup> 4 = 12.*  
~~and/or Fore and Afters~~

**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. ✓  
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. ✓ 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). l l T

The vessel has been built in accordance with the approved plans, the Secretary's letters & the Society's Rules. ✓

The materials & workmanship are satisfactory ✓

The feet markings have been marked or verified, cut in on the vessel's sides.

The DB tanks, peaks & deep tanks have been tested by pressure in accordance with the Rules ✓

The decks, bulkheads, hand pumps have been tested

The windlass & steering gear, including the auxiliary gear, have been tried.

The equipment has been reduced in accordance with the Secretary's letters of the

29-1-40, 22-2-40

Certificates attached for sternframe, rudder & masts.

The amount of Entry Fee.....	£ 6: . :	} Fees applied for, 7 OCT 1943
Special Survey Fee.....	£ 217: 7: .	
<i>Fredward</i>	13 .	} Received by me, 19
Travelling Expenses, if any .....	£ : : .	

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed. +100A1.

State whether the Vessel has been built under Special Survey.....*Yes*

Signature J. W. Woodall  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to SUNDERLAND.

Date of issue 23/11/43

Committee's Minute

Character assigned

+ 100 A1  
Cargo battens not fitted  
Lloyd A2 cr. + LMC 10.43 FD CH

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Lloyd's Register  
Foundation

0053  $2\frac{1}{2}$



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 following as brief plans are attached
- 1) Midship Section
  - 2) Profile & decks
  - 3) Pumping plan

The approved plans are returned herewith

Sister vessels S.S. "Cornwall" No 363 Sld Rept No 33443  
S.S. "Bushman" 365 " " 33541

Damage stated to have been caused by enemy action on the 16<sup>th</sup> May 1943.  
Port side forward the following items found scored or pierced have been  
built up by S.W. or fitted with F.W. sheet patches.  
Sheet plates E3, G 2.3.24, H 5, J 3.04, K 3.04, L 2.03  
1 fore deck stringer plate  
Side coamings of No 1 hatch  
After fore deck beam failed in place S.W.

PARTICULARS OF ELECTRIC WELDING (if employed)

Steel hatch covers & minor items

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

Cargo battens not fitted Cruiser stern Lloyd's A.C.P.  
Intermediate bulkhead dispensed with, 48H

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

1st Bower	27.0.1	A.E.G.	8247	4.3.43
2nd "	26.2.14	A.E.G.	1973	21.1.43
3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 188.29 ft., Bridge ☒ ft., Forecastle 29.75 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ☒

Official No. 169604 Signal Letters

Extreme Breadth over Belting ☒  
(Circ. 1611)

Over-all Length 328.5' ☒  
(Circ. 1703)

No. and Material of Decks 1 dls (std) ☒

Parts of Bottom of Vessel coated with cement or approved composition B.R. tank

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	42.45		Fore peak tank,	27	180
Double bottom, under Engines and Boilers,	40.5	61	After peak tank,	17	55
Double bottom, if under Engines only,			Deep tank, aft, midships	6.75	159
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	222.75	918	Other tanks, if fitted,		
Total length (if continuous) and Capacity	263.25	979	(If necessary furnish further information by sketch.)		
	265.50				

Order for Special Survey No. 6053

Date 25.9.43

Dates of Surveys  
held while building

1943 Jan 11, 29 Feb 4, 10, 15, 22, 26 Mar 2, 4, 9, 12, 18, 29 Apr 6, 9, 14, 23, 27 May 6,  
17, 18, 20, 21, 24, 25, 26, 28, 31 June 1, 2, 4, 8, 10, 17, 21, 23, 24, 28 July 6, 14, 23, 26, 27, 28 Aug.  
6, 11, 12, 19, 24, 30 Sep 1, 3, 4, 11, 21, 23, 25, 28, 29 Oct 4

Total No. of Visits 60