

Received at London Office.

State if Report has been sent on the Freeboard of the Vessel Yes

State if Reports sent on the Machinery of the Vessel Yes.

Date of completion of report 15th July 1937 Part of Sunderland No. 32,139
Survey held at Sunderland Date First Survey 4 Nov. 1936 Last Survey 8th July 1937.
On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Steamer "BIDDLESTONE"

On the (State if Machinery Fitted Aft and if Single, Twin or Triple Screw) Single Screw Steamer "BIDDLESTONE"

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

TONNAGE under } 14511.59 / CLASS +100A1. State if with freeboard } No. Built at Sunderland
Tonnage Deck... } as condition of Class }

Do. of space or spaces }
between Tonnage Dk. }
Length from fore part of stem to after part of stern }
post on summer L.W.L. See Sec. 3 (1a) } L 400.0 }
Launched 10.5.37. } Yard No. 450. }

Total _____

Gross Tonnage 4909.69

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) } 29.00

Owners The White Shipping Co. Inc.

Register Tonnage 8953.40 1st Longitudinal Number (L x D)..... = 11,600 ✓ Managers ✓
2nd Number (B x D)..... = 33,264 ✓ (Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS.

Length	401.9	Proportions—Depth to Length—Uppermost continuous deck to top of keel	13.79 ✓	Port of Registry	Newcastle.
Breadth	53.9	Do. Long Bridge to top of keel	10.81 ✓	If surveyed while building, afloat, or in dry dock	
Depth	26.6.	Draught Moulded	23'-5 1/4"		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	27 ✓		Bracket Floors, Frame ... <i>N.B.S.</i>	6 3½ .34 ✓	
" " from ⅓ length to Collision bulkhead.....)	27 ✓		" " Reversed Frame... <i>N.B.S.</i>	5½ 3 .34 ✓	
" " in peaks.....)	24 ✓		" " Vertical Struts ... <i>C.R.</i>	8x3x3x38 ✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	42"x.50. ✓	
Frame Amidships, Angle, [or] ... <i>N.B.S.</i>	12 3½ .50 ✓		" " top Angle)	6 6 .44 ✓	
" " Extends up to	<i>Upper Deck</i>		" " bottom Angle)	6 6 .50 ✓	
Reversed Frame Amidships, Angle	- ✓		Side Girders, No. each side and thickness	<i>One</i> .36. ✓	
" " Extends up to...	- ✓		Margin Plate depth (excl. of flange) and thickness	38"x.49. ✓	
Depth of Framing Girder	12" ✓		" " Vertical Angle to Tank side Bracket abaft ¼ len. from stem	3½ 3½ .42. ✓	
Frames in Uppermost Continuous tween Decks, Angle, [or])	- ✓		" " Vertical Angle to Tank side Bracket forward ¼ len. from stem	6 6 .42. ✓	
" " Second tween Decks, Angle, [or]	- ✓		" " Gussets, spacing and scantling abaft ¼ len. from stem.....)	6 3½ .50 ✓	
" " Third " " "	- ✓		" " Gussets, spacing and scantling forward ¼ len. from stem.....)	6 3½ .60 ✓	
Framing in Peaks, Angle or [] ... <i>N.B.S.</i>	7 3½ .45. ✓		Tank Side Brackets, height above base line at toe of Frame and thickness)	<i>see plans as built</i> 7'2 ½ x .40. ✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	¾ - 6" ✓		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>Yes.</i>		Breadth and thickness of Middle Line Strake ...	56"x.49. ✓	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>In Peak Beams 9x3x1/2 N.B.S. act. Stringer 3x1/2 x 3/4 Above Peak, flat beam 9x3/4 x 1/2 N.B.S. act. Stringer 1 1/2 x 3/4 Head & frames 15x1 1/2 x 1/2 C.R. Steel rungs 2 1/2"</i>		Thickness of remainder in Holds41 ✓	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>frame bottoms double. Flat bottom shell .65. 5 ft wide each side 3 1/2" apart.</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, [or]	7 3½ .33 ✓	
Height of Brackets at side above base line at toe of frame	✓		" " in way of Bridge, Angle, [or]	7 3½ .33 ✓	
Middle Line Keelson, on Floors, Angles, [or]	✓		Spacing	<i>Every</i> . ✓	
" " Through Plate or Intercoastal 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 Intercoastal Plate...	✓		Fourth Deck, amidships, Angle, [or]	✓	
" " Angles	✓		Spacing.....	✓	
DOUBLE BOTTOM.			Poop Deck, Angle, [or] ... <i>N.B.S.</i>	6 3 .36 ✓	<i>also</i>
Solid Floors, thickness and spacing	<i>Every 4'</i> .38 ✓		Spacing.....	<i>Every</i> ✓	
" " Are Frame and Reversed Frame joggled ?.....)	<i>Yes.</i>		Bridge Deck, Angle, [or] ... <i>N.B.S.</i>	7 3 .33 ✓	
Bracket Floors, breadth and thickness at middle line.....)	3 1½ x .38 ✓		Spacing	<i>Every</i> . ✓	
" " breadth and thickness at margin plate.....)	3 1½ x .38 ✓		Forecastle Deck, Angle, [or] ... <i>N.B.S.</i>	7 3 .32 ✓	
			Spacing	<i>Every</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.....	2 lines.		Stringer Plate, breadth and thickness in way of Bridge	✓	
„ in 'tween Decks, Size and Spacing	30. 4x4x40		Thickness of Plating abreast Deck openings in way of Wells	✓	
„ „ „ „ „	„		Thickness of Plating abreast Deck openings in way of Bridge	✓	
„ in Holds „ „	„		Thickness of Plating within line of openings...	✓	
„ „ „ „ „	„		If Sheathed, material and thickness	✓	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	12x3 1/2 x 60x21		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of	6x3 1/2 x 40		If Plated, state thickness.....	✓	
	2x12x12				
	30.		Fourth Deck.		
STRINGERS AND DECKS.			Stringer Plate, breadth and thickness.....	✓	
Uppermost Continuous Deck.			If Plated, state thickness	✓	
Stringer Plate, breadth and thickness in Wells	65" x 94.		Poop Deck.		
„ „ „ „ in way of Bridge	80" x 40.		Stringer Plate, breadth and thickness	34.	
„ Angle in Wells	6 6 93		Plating, Sheathing, material and thickness ..	30. 26	
Thickness of Plating abreast Deck openings in way of Wells	86.		Bridge Deck.		
Thickness of Plating abreast Deck openings in way of Bridge	34.		Stringer Plate, breadth and thickness.....	74x49	
Thickness of Plating within line of openings...	42.		Plating, Sheathing, material and thickness ..	42.	
If Sheathed, material and thickness	✓		Forecastle Deck.		
Second Deck.			Stringer Plate, breadth and thickness.....	34.	
Stringer Plate, breadth and thickness in Wells...	✓		Plating, Sheathing, material and thickness ..	34	

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.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	66	.76	.67	.67.		Double	1"	3 7/8	4	1	4	Lap
" DBLG. (if any)												
BOTTOM PLATING, No. of Strakes	3	.59	.46	.46		Double	7/8	3 3/8	3	7/8	3 1/8	Lap
BILGE PLATING, No. of Strakes	1	.59	.46	.46.		Double	7/8	3 3/8	3	7/8	3 1/8	"
SIDE PLATING, No. of Strakes	2	.59	.44	.44.		Double	7/8	3 3/8	3	7/8	3 1/8	"
UPPER DECK, Sheer- strake in Wells.....	81"	.94	.44	.44		Double	1	3 7/8	5	1	4 1/2	"
UPPER DECK, Sheer- strake in Bridge ...	81"	.59				Double	7/8	3 3/8	3	7/8	3 1/8	"
STRAKE BELOW Sheer- strake in Wells.....	81"	.59	.44	.44		Double	7/8	3 3/8	3	7/8	3 1/8	"
STRAKE BELOW Sheer- strake in Bridge ...	81"	.59				Double	7/8	3 3/8	3	7/8	3 1/8	"
POOP SIDE PLATING38.				Single	7/8	3 3/8	1	7/8	3 1/8	"
BRIDGE SIDE PLATING57				Double	7/8	3 3/8	3	7/8	3 1/8	"
FOREC'TLE SIDE PLATING		.40				Single	7/8	3 3/8	1	7/8	3 1/8	"

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Plating Thickness.		STIFFENERS.			
				VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
Extending to Upper Deck (Sec. 3 c)		✓					
" Deck next below		✓					
As per Rule		✓					
MIDSHIP BULKH'D, Upper tween decks		✓					
"	" Second "	✓					
"	" Third "	✓					
"	" Holds	47-31	12x3½x31x48	33"			
COLLISION (in Hold)		50-36	10x3½x55x8x3½x42Bq	24"	For Keel Plat. d Semi-Box		
AFTER PEAK		48-34	6x3x51Bq	25"	Semi-Box 25"x34"		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth
Consett, Dorman Long, Appleby-Frodingham, South Durham, Cargo Fleet,
Skinningrove.
Has the Steel been tested as required by the Rules? Yes.

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

EQUIPMENT No. 34,406 ✓												LETTER Y ✓		ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.				
95,820	1st Bower ...	60	3	0	✓			48	15	0	0	✓	13 1/2 Tons.	S. Taylor.	L.P.H.N. 31.12.36. J.A.R.	
95,832	2nd „ ...	60	1	26	✓			48	12	2	0	✓	„ „	„ „	L.P.H.N. 6.1.37. J.A.R.	
95,854.	3rd „ ...	51	0	0	✓			43	0	0	0	✓	„ „	„ „	L.P.H.N. 13.1.37. J.A.R.	
	Collective weight.	172	0	26	✓							170.2.0				
95,878	Stream	16	1	14		4	0	24	17	14	0	7	16-10	Ordinary	S. Taylor.	L.P.H.N. 16.1.37. J.A.R.

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.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
88228	270	1 7/8	82.12	173.18	508.0-14.		270	1 7/8	Steel- and TAYCO.	S. Taylor	L. P. H. N. 22729 JAR	TOWLINE...	120	4 3/4	17.5	120	4 3/4
								2 3/16				HAWKERS & WARPS	2290	2 3/4	15.2	2290	2 3/4
												"	2290	2 1/2	13.2	2290	2 1/2
Iron Stream Chain or Steel Wire	90	4 3/4	470				90	4 3/4				"					

Steering Gear, Steam *Messrs Donkine Son & Co*

Steering Gear, Hand *The chain blocks & tackle*

Boats *Two 21 ft hullboats, Two 17' dunks* Steering Chains, Size and Test

Telenutor.

Windlass Men^o Clare Chalmers

Ceiling in Holds, thickness and material 2 1/2" x 1/4" way of patches over Cargo Battens, thickness, material and spacing W.P. 6"x2" 9" space

Cargo Hatchways.—(Upper Deck) *Steel plates and angles* **Thickness of Hatches** *2 1/2"*

Size of No. 1 Hatchway (Forward) 31'-6" x 22'-0". No. 2 33'-0" x 22'-0". No. 3 27'-0" x 22'-0". No. 4 33'-9" x 22'-0". No. 5 31'-6" x 22'-0". No. 6

Number of **Shifting Beams** and/or ~~Fore and Afters~~ kw. 1-5. kw. 2-5 kw. 3-4. kw. 4-5. kw. 5-5.

FOR SHORT BROTHERS, LIMITED.

Builder's Signature

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* No

(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.

This vessel has been constructed in accordance with the approved plans, the Secretary's letters and the Society's Rules.

The materials and workmanship are good.

The faceboard marks have been verified and cut in on the vessel's sides.

The double bottom tanks, fore peak and after peak have been tested in accordance with the Society's Rules.

The tunnel, docks, bulkheads, hand pump and watertight doors have been tested and found in order.

The maindlass, steering gear & auxiliary steering gear have been tried under working conditions.

In accordance with the Secretary's letter of the 23rd February, 1937 and the plan then approved the

tank side gussets have been welded, with the consent of the Bureau, to enable oil fuel to be carried in the double bottoms clear of the machinery space; but none other of the Rule requirements for the carriage and burning of oil as fuel has been complied with.

The following forging certificates are enclosed: - Stem frame, Rudder, Rudder head, Stern Quadrant
Tiller.

The amount of Entry Fee £ 8 : : : Fees applied for,

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

Special Survey Fee.... £320: 10

Received by me,

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

Travelling Expenses, if any £

1 July 1937. S.W.

State whether the Vessel has been built under Special Survey

Signature

Colin Bartlett & J. W. Merrin
Surveyors to Lloyd's Register of Shipping.

Certificate to be sent to **SUNDERLAND.**

Date of issue

Committee's Minute

Character assigned

+ 100 A

Lloyd's A+C.P. + Inc 7.37 (Ex) 258
1 Aug

Note LOA

Price ~~Nice~~
" ~~Mab~~

© 2020

Lloyd's Register
Foundation

188-00141212

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.)

Overall length 114'-10" ✓

Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.

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

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

1st Bower

37-2-10. W.H. 5730. 12-6-36

2nd "

37-2-7. G.T.R. 2151. 10-9-36

3rd "

31-1-21. T.R.M. 5511. 31-10-35.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 36.2 ft., R.Q.D. ✓ ft., Bridge 123.0 ft., Forecastle 35.2 ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

No. and Material of Decks 1 DK: (STL:)

Official No. 161606 : Signal Letters

Is bottom of vessel coated with cement

yes ✓ if not give

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	112-6"	339	Fore peak tank,	23-0"	110
Double bottom, under Engines and Boilers,	55-0"	200	After peak tank,	22-6"	205.
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	102-0"	710	Other tanks, if fitted,		
	349-6"	1249	(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. 5833

Date 2.12.36

Dates of Surveys held while building

1936. Nov. 4. 10. 13. 20. Dec. 1. 12. 15. 16. 18. 21. 23. 30. 1937. Jan. 4. 5. 7. 8. 14. 20. 21. 25. 26. 27. Feb. 2. 3. 9. 12. 15. 16. 17. 19. 23. 25. 26. Mar. 2. 9. 12. 16. 17. 18. 19. 24. 30. Apr. 1. 4. 7. 8. 12. 13. 15. 20. 21. 22. 23. 27. 28. 29. 30. May 3. 4. 6. 7. 10. 11. 14. 15. 31. June 1. 3. 4. 7. 17. 21. 25. July 1. 2. 3. 7. 8.

Total No. of Visits 78