

With or Without
Disconnected Erections.

STEEL STEAMER.

BELVINA
Received at London Office 20 AUG 1924

Date of completion of report 18th August 1924 Port of Sunderland
Survey held at Sunderland Date, First Survey 11th March 1924 Last Survey 16th August 1924
On the (State if Single, Twin, or Triple Screw) SINGLE SCREW "JAMES DUNFORD" Rig 2 masted S.A. schooner.

TONNAGE under
Tonnage Deck... 930.46
Do. between Tonnage Dk. and 3rd and 4th Dk. ...
Total under Upper Dk. 930.46
Do. of Poop...
Do. of R.Q.Dk. 130.89
Do. of Bridge House...
Do. of Forecastle... 22.84
Do. of Houses on Dk. 51.61
Do. of excess of Hatchways 59.85
Do. above Crown of Engine Room... 1195.65
Gross Tonnage 53.80
Less Crew Space... 382.61
Less above Crown of Engine Room... 47.35
Less Engine Room...
Less Navigation Spaces...
Register Tonnage as cut on Beam... 711.89

CLASS #100A.1
Breadth (greatest moulded)... 35.83
Depth at middle of length from top of keel to top of upper deck beams at side... 16.08
Transverse Number... 3779
Length on deck from fore part of stem to after part of stern post... 235.0
Longitudinal Number... 12199
Depth "d," at middle of length (See Secs. 2 & 13)... 12.92
Proportions—Depths to Length—Upper Deck Beam at side to top of keel... 14.61
" R.Q. Long Bridge Deck Beam at side to top of keel... 12.31

Master...
Year of appointment...
Built at Southwick, Sunderland.
When built 1924 Launched July 18th 1924.
By whom built Swan Hunter, Wigham
Richardson & Co.
Owners Dunford Ship Shp Co. Ltd.
Managers...
Residence Newcastle on Tyne
Port belonging to Newcastle on Tyne

Destined Voyage Coasting If Surveyed while Building, Afloat, or in Dry Dock, Building afloat.
LENGTH on Deck as per Rule... 235 0
BREADTH—Moulded... 35 10
DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams... 14 0
Do. do. do. do. R.Q. Dk. Beams... 14 0
No. of Decks with flat laid one
No. of Tiers of Beams one
Moulded depth, ft. 19 ins. 1 To Bridge Dk. Round of Upper }
Moulded depth, ft. 16 ins. 1 To Upper Dk. Dk. Beam, Actual } 9 ins.

FRAMING.		Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
FORE HOLD		7	3	48	7	3	48	7	3
FRAME, Angles, Bars amidships		8	3	48	8	3	48	8	3
Do. in peaks		6	3	38	6	3	38	6	3
Do. in way of Double Bottoms at Solid Floors		3	3	30	3	3	30	3	3
" " at intermdt. Bkts.		-	-	-	-	-	-	-	-
Spacing of Frames from centre to centre amidships		3 1/2			3 1/2				
" " " " from 1/2		24			24				
" " " " length to Collision bulkhead		24			24				
" " " " in peaks									
REVERSED FRAME, Angles		3	3	30	3	3	30	3	3
Do. in way of Double Bottoms at Solid Floors		-	-	-	-	-	-	-	-
" " at intermdt. Bkts.		-	-	-	-	-	-	-	-
FRAMING, depth of girder		7 and 8			7 and 8				
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships		-	-	-	-	-	-	-	-
" in way of Engine and Boiler Spaces		30 and 40			30 and 40				
" thickness at the ends of vessel		-	-	-	-	-	-	-	-
" depth at 1/2 the half breadth, as per Rule		-	-	-	-	-	-	-	-
" height extended at the Bilges		-	-	-	-	-	-	-	-
FLOORS in Cell. Double Bottoms		30			30				
" state if flanged (top & bottom)		not flanged			not flanged				
" Spacing of Solid floors		3 1/2	24	24	3 1/2	24	24		
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.		34	x	40	34	x	40		
" Angles, Top		3	3	38	3	3	38		
" Bottom		3 1/2	3 1/2	40	3 1/2	3 1/2	40		
" to Floors		3	3	30	3	3	30		
" Brackets at intermdt. frmg., wdth & thcknss		-	-	-	-	-	-	-	-
SIDE GIRDERS, number on each side & thickness		one	30	one	30				
" state if flanged (top and bottom)		not flanged			not flanged				
" Angles (top and bottom)		3	3	30	3	3	30		
" to Floors		2 1/2	2 1/2	30	2 1/2	2 1/2	30		
MARGIN PLATE, depth (exclusive of flange) and thickness		26	x	40	26	x	40		
" Angle to Outside Plating		3	3	38	3	3	38		
" Floors		4 1/2	3	30	4 1/2	3	30		
" Brackets at intermdt. frmg., wdth & thcknss		-	-	-	-	-	-	-	-
" Height of Outside Brackets above at bilge		53			53				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake		7 1/2 x 46			7 1/2 x 46				
" in Engine and Boiler space		8 1/4, 8.50			8 1/4, 8.50				
" Remainder in Holds		46			46				
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		7 1/2	3	36	7 1/2	3	36		
" In way of Long Bridge		-	-	-	-	-	-	-	-
" Spacing		3 1/2			3 1/2				
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		-	-	-	-	-	-	-	-
" Spacing		-	-	-	-	-	-	-	-
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		-	-	-	-	-	-	-	-
" Angles on upper edge		-	-	-	-	-	-	-	-
" Spacing		-	-	-	-	-	-	-	-
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		-	-	-	-	-	-	-	-
" Angles on upper edge		-	-	-	-	-	-	-	-
" Spacing		-	-	-	-	-	-	-	-
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		-	-	-	-	-	-	-	-
" Angles on upper edge		-	-	-	-	-	-	-	-
" Spacing		-	-	-	-	-	-	-	-
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		5 1/2	3	32	5 1/2	3	32		
" Angles on upper edge		-	-	-	-	-	-	-	-
" Spacing		24			24				

PILLARS.		Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
PILLARS In 'tween Deck, size and spacing		3x3x36 @ 48 angle			3x3x36 @ 48 angle		
" Hold		6x6x50 angle			6x6x50 angle		
" Quarter 'tween Dks.							
" in Hold							
KEELSONS & STRINGERS.		Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate							
" Rider Plate							
" Flat Plate Keel Angles							
" Horizontal Plates on Floors							
" Angles or Bulb Angles							
SIDE KEELSONS, Number							
" Angles or Bulb Angles							
" Plate above floors, for length							
" Intercoastal Plate, for length							
" Attached to outside Plating with Angle							
BILGE KEELSON, Angles							
" Intercoastal Plate for length							
" Attached to outside Plating with Angle							
SIDE STRINGERS, Number		Two at fore end of Fore Hold					
" Angle		3	3	30	3	3	30
" Intercoastal Plate, for length		12		30	12		30
" Attached to outside plating with Angle		3	3	34	3	3	34
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)		71	65	71	65		
" " " " (br'dth & thickness in way of Bridge)		-	-	-	-		
" " " " Angle (clear of Bridge)		5x5	64	5x5	64		
" " " " Tie Plate at sides of Hatchways		-	-	-	-		
" Deck * Iron or Steel, for full lng.		-	30	-	30		
" " Thickness (clear of Bridge)		-	-	-	-		
" " " (in way of Bridge)		-	-	-	-		
R.Q. Wood Deck, Material & thickness		-	-	-	-		
Second Deck Stringer Plate, br'dth & thickness		71	45	71	45		
" Angles on ditto, No. one		5x5	44	5x5	44		
" Tie Plates outside Hatchways		-	-	-	-		
" Deck * Iron or Steel, for full lng.		-	30	-	30		
" Wood Deck, Material & thickness		-	-	-	-		
Third Deck Stringer Plate, br'dth & thickness		-	-	-	-		
" Angles on ditto, No.		-	-	-	-		
" Tie Plates, outside Hatchways		-	-	-	-		
" Deck * Material and thickness		-	-	-	-		
Fourth and Fifth Deck Stringer Plate, br'dth & thickness		-	-	-	-		
" Angles on ditto, No.		-	-	-	-		
" Tie Plates outside Hatchways		-	-	-	-		
" Deck, Material & thickness		-	-	-	-		
Poop Deck Stringer Plate, breadth & thickness		-	-	-	-		
" Angle on ditto		-	-	-	-		
" Tie Plates		-	-	-	-		
" Deck, Material and thickness		-	-	-	-		
Bridge Deck Stringer Plate, br'dth & thickness		-	-	-	-		
" Angle on ditto		-	-	-	-		
" Tie Plates		-	-	-	-		
" Deck, Material and thickness		-	-	-	-		
Forecastle Deck Stringer Plate, br'dth & thickness		30	22	30	22		
" Angle on ditto		3x3	30	3x3	30		
" Tie Plates		-	-	-	-		
" Deck, Material and thickness		Steel	30	-	30		

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

Lloyd's Register
Foundation

002498-002505-0077

[illegible]

EQUIPMENT No. 12969				LETTER O				ANCHORS.				TONNAGE U. D.K. OR PLATING No. FOR TRAWLERS					
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE				WEIGHT REQUIRED BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
86659	1st Bower ...	29	0	14	stockless	24	19	1	14	28	0	0	Halls	N. Hingley Sons, Netherthorpe	6/12/23		
86854	2nd „ ...	24	1	9	"	26	13	0	14	28	0	0	"	"	29/4/23		
86214	3rd „ ...	24	2	17	"	24	10	2	14	24	0	0	"	"	9/3/23		
	4th „ ...														H. Green		
	Collective weight.	81	0	2						80	0	0					
86829	Stream	7	0	15	1	3	18	9	9	1	14	7	0	0	Ordinary	N. Hingley Sons, Netherthorpe	15/4/24
	Kedge														H. Green		

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

1st Bower	18-3-2	N.D.	1430	3-8-23.
2nd „	14-1-9	N.D.	1489	21-2-24.
3rd „	15-2-5	N.D.	1213	22-9-20.
4th „				

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Length and Size per Table 31.				
	Length.	Diam.		Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.			
75494	120	1 1/16	43 1/2	6 1/4	150-2-19			stud	N. Hingley	Netherthorpe 6/3/24	TOWLINE (fals)	90	3 1/4	22	90	3 1/4			
75536	120	"	"	"	151-0-9			link	Sons.	L. Wright (asst)	HAWSERS & WARPS	90	2 1/4	9-5	90	2 1/4			
	240				301-3-0	298-3-0	240-19/16					90	1 3/4	6	90	1 3/4			
Iron Stream Chain Steel Wire	75	3 3/4	2	29			75	3 3/4	fals	Gladwin & Robson									

Boats 2 - 20 ft life, one dinghy. Steering Gear, Steam Dornier 16° Steering Gear, Hand Harfields ✓
Pumps, Number one, to fore peak tank flat. Diameter of Barrel 4" State whether they are in efficient working order yes ✓
Windlass is Steam. Harfield 18" Capstan Steam, Harfields ✓
Engine Room Skylights.—How constructed? steel plates & angles What arrangements for deadlights in bad weather? deadlights. ✓
Coal Bunker Openings.—How constructed? steel plates & angles How are lids secured? tarpaulins, cleats, battens Height above deck? 24" ✓
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 7 scuppers, 4 F. Ports. 4-6 x 1-6 forewell, & 6-4-5 x 1-0 R & B each side ✓
Ceiling in Holds, thickness and material none except over bilges. Cargo Battens, thickness and material none. ✓
Cargo Hatchways.—How formed? steel plates & angles Hatches, If strong and efficient? yes ✓
State size No. 1 Hatch (Forward) 20-7/2 x 24-0 x 18-0 No. 2 Hatch 28-10 1/2 x 24-0 No. 3 Hatch 26-3 x 24-0 No. 4 Hatch 28-1 1/2 x 24-0 ✓
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 3 to No. 1. and 5 to No. 2, 3 & 4. ✓
No. of Breasthooks 4 x dks ✓ No. of Crutches deep floors ✓
Bulwarks, height above deck and description 4-2 x 25 SK forewell, 3-6 x 25 R & B. Main Rail, material and size SH 5-2 x 3 x 30 BA, Slaps 5-2 x 3 x 38 BA. ✓
The foregoing is a correct description. Surveyor's Signature W.P. Collings. ✓
Builder's Signature (here only) SWAN, HUNTER & WIGHAM, RICHARDSON, LTD. ✓
Glasgow.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)
M. 28.12.23; E. 13.2.24; M. 28.4.24

Workmanship. Are the butts of plating planed or otherwise fitted? overlapped & planed.
Is the riveted work properly closed? yes. ✓
Are the liners between the frames and plates solid single pieces? joggled frames. Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? yes ✓
Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? yes ✓
Do any rivets break into or through the seams or butts of the plating? a few. ✓
Are the butts of Plating, Stringers, &c., properly shifted and strapped? overlapped? yes. ✓
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? yes ✓ State results of tests Satisfactory ✓
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? yes ✓ State results of tests satisfactory ✓

General Remarks (State quality of workmanship, &c.) The materials & workmanship throughout the vessel are good. This vessel has been built in accordance with the approved plans, the rules & Secretary's letters. The approved plans (5 in number), 3 forging certificates are herewith enclosed, also 14 plans of the S.S. "Erington Dunford". The Builders have obtained the Owners sanction to the construction of the vessel under the requirements of the revised rules. This is a sister vessel to the S.S. "Erington Dunford" Sld. Rpt No 28619.

The Surveyor should state the Number of Report and Name of any Sister Vessel.
Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee ... £ 5: ..: Fees applied for, 18 AUG 1924
Special Survey Fee ... £ 119: 12: Received by me, ✓
Travelling Expenses, if any £ 5: 0: 0. ✓

State whether the Vessel has been built under Special Survey yes ✓
I am of opinion this Vessel should be Classed 100 A.1 ✓
With, or without Freeboard, as condition of Class without. ✓

Committee's Minute 22 AUG 1924
Character assigned 100 A.1
args batten not fitted
Lloyd's A & B.P.
+ Lmb. 8.24
C.L.

W.P. Collings
Surveyor to Lloyd's Register of Shipping.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 145.25 ft., Bridge — ft., Forecastle 25.25 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 1 dk (sk) well dk.

Official No. 148083 ; Signal Letters . State if Machinery is fitted aft yes.
How are the surfaces preserved from oxidation? Inside Paint and Cement in Boiler room Outside paint
BB. tank only. Cheats.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors cellular

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓	✓	Fore peak tank,	25	92.25
Double bottom, under Engines and Boilers,	44	52	After peak tank,	—	—
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	—	—
Double bottom, forward,	153.75	329	Other tanks, if fitted,	✓	✓
	Total capacity of double bottom	381	(If necessary, furnish further information by sketch.)	✓	✓

* The wells are not to be included in the lengths of the tanks. 197.75

State whether the above have been tested as required by the Rules yes

Order for Special Survey No. 5571

Date 25.3.24

No. 1243 in builder's yard.

DATES of Surveys held while building

1924. Mar. 11. 13. 12. 21. 25. 27. 31. Apr. 3. 7. 9. 15. 16. 17. 25. May. 1. 2. 6. 9. 12. 15. 20. 21. 27. 28. June. 2. 26.
11. 12. 16. 20. 23. July. 1. 3. 9. 12. 16. Aug. 6. 11. 12. 13. 16

Total No. of Visits 41

Surveyor's Signature

W. R. Follins

© 2020 Lloyd's Register Foundation