

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office SAT. JUL. 24. 1915

Date of completion of report

Survey held at

On the

TONNAGE under

Tonnage Deck

Do. between Tonnage Dk.

and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of R.Q.Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Gross Tonnage

Less Crew Space

above Crown of

FEES

Room

Spaces

Image

on Deck

le

State if Report is also sent on the Machinery of the Vessel

Yes.

Port of

Newcastle-on-Tyne No.

67766

Date, First Survey

Sept. 1913

Last Survey

July 1915

1915

Abelia

Rig

Schooner.

CLASS 100 A1

FEET.

Master

D. J. DAVIES

Year of appointment

(1) As Master in service of owner of present vessel: 101.4

(2) As Master of this vessel: 121.5

Built at

Newcastle-on-Tyne.

When built

1914. Launched 5th June 1914.

By whom built

Sir W. G. Armstrong, Whitworth & Co. Ltd.

Owners

Flower Motor Ship Co. Ltd.

Managers

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

Residence

London

Port belonging to

London.

Destined Voyage

Mediterranean

Surveyed while Building, Afloat, or in Dry Dock

Built under Special Survey.

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
350	0	Moulded	47	0	Top of Floors to top of Upper Dk. Beams	24	34	Two
					Do. do. do. Second Dk. Beams	16	34	No. of Tiers of Beams

of Ship per Register, Length	350.2	breadth	47.3	depth	24.3	Moulded depth, ft.	27	ins.	0	To Bridge Dk.	Round of Upper	11 3/4	ins.
										To Upper Dk.	Dk. Beam, Actual		

FRAMING.				PILLARS.			
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Angles, or C or L Bars amidships	Longitudinal Framing			PILLARS, In 'tween Deck, size and spacing	2 1/8 Double @ Transverses		
Fore peak above 2nd deck	6 1/2 3 1/2 40	6 1/2 3 1/2 40		" " Hold	4 1/2 Double @ Transverses		
Fore peak above 3rd deck	3 1/2 3 1/2 36	3 1/2 3 1/2 36		" " Quarter 'tween Dks.			
Fore peak above 4th deck	3 1/2 3 1/2 36	3 1/2 3 1/2 36		" " in Hold			
Way of Double Bottoms at Solid Floors	Longitudinal Framing			KEELSONS & STRINGERS.			
in engine space	24	24		CENTRE LINE KEELSON, Vertical Plates above			
at intermdt. Bkts.	24	24		floors, Through Plate, or Intercoastal Plate	Cellular Double		
Frames from centre to centre amidships	Longitudinal Framing			Rider Plate	Bottom		
engine space from 1st length to Collision bulkhead	24	24		Flat Plate Keel Angles			
in peaks	24	24		Horizontal Plates on Floors			
ED FRAME, Angles	Longitudinal Framing			Angles or Bulb Angles			
Way of Double Bottoms at Solid Floors	4 3 1/2 50	3 1/2 3 1/2 36		SIDE KEELSONS, Number			
in engine space	3 1/2 3 1/2 36	3 1/2 3 1/2 36		Angles or Bulb Angles			
at intermdt. Bkts.	3 1/2 3 1/2 36	3 1/2 3 1/2 36		Plate above floors, for length			
Depth of girder	Longitudinal Framing			Intercoastal Plate, for length			
depth and thickness of Floor Plates	40 - 34	34		Attached to outside Plating with Angle			
at mid line for 1/2 length amidships	38	38		BILGE KEELSON, Angles	Attached to Bulb Plate + connected		
Way of Engine and Boiler Spaces	36 - 34	36 - 34		Intercoastal Plate, for length	to shell with T Bars		
Thickness at the ends of vessel	No flanging			Attached to outside Plating with Angle			
th at 1/2 the half breadth, as per Rule	36 - 34	36 - 34		SIDE STRINGERS, Number			
ght extended at the Bilges	36 - 34	36 - 34		Angle			
in Cell. Double Bottoms	36 - 34	36 - 34		Intercoastal Plate, for length			
state if flanged (top & bottom)	36 - 34	36 - 34		Attached to outside plating with Angle			
Spacing of Solid floors	36 - 34	36 - 34		Upper Deck Stringer Plate, br'dth & thickness			
GIRDER, in Dbl. bottom, dpth. & thickness	36 - 34	36 - 34		(clear of Bridge)	5 1/4 58	5 1/4 58	
Angles, Top	36 - 34	36 - 34		br'dth & thickness	5 1/4 70	5 1/4 70	
Bottom	36 - 34	36 - 34		(in way of Bridge)	4 1/2 62	4 1/2 62	
to Floors	36 - 34	36 - 34		Angle (clear of Bridge)	4 1/2 62	4 1/2 62	
Brackets at intermdt. frmg., width & thkness	36 - 34	36 - 34		Tie Plate at sides of Hatchways	One stroke	50 42 40	
RDERS, number on each side & thickness	36 - 34	36 - 34		Deck * Steel, for full lng.	38 - 32	38 - 32	
state if flanged (top and bottom)	36 - 34	36 - 34		Thickness (clear of Bridge)	38 - 32	38 - 32	
Angles (top and bottom)	36 - 34	36 - 34		(in way of Bridge)	38 - 32	38 - 32	
to Floors	36 - 34	36 - 34		Wood Deck. Material & thickness	None		
PLATE, depth (exclusive of flange) and thickness	36 - 34	36 - 34		Second Deck Stringer Plate, br'dth & thickness	5 1/4 34	5 1/4 34	
Angles to Outside Plating	36 - 34	36 - 34		Angles on ditto, No.	3 1/2 3 1/2 40	3 1/2 3 1/2 40	
Floors	36 - 34	36 - 34		Tie Plates outside Hatchways	3 1/2 3 1/2 40	3 1/2 3 1/2 40	
Brackets at intermdt. frmg., width & thkness	36 - 34	36 - 34		Deck * Steel, for full lng.	32	32	
Height of Outside Brackets above at bilge	36 - 34	36 - 34		Wood Deck. Material & thickness	32	32	
BOTTOM PLATING, breadth and thickness of Middle Line Strake	36 - 34	36 - 34		Third Deck Stringer Plate, br'dth & thickness			
in Engine and Boiler space	36 - 34	36 - 34		Angles on ditto, No.			
Remainder in Holds	36 - 34	36 - 34		Tie Plates outside Hatchways			
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	36 - 34	36 - 34		Deck * Material and thickness			
In way of Long Bridge	36 - 34	36 - 34		Fourth and Fifth Deck Stringer Plate, br'dth & thickness			
Spacing	36 - 34	36 - 34		Angles on ditto, No.			
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	36 - 34	36 - 34		Tie Plates outside Hatchways			
Angles on upper edge	36 - 34	36 - 34		Deck * Material and thickness			
Spacing	36 - 34	36 - 34		Poop Deck Stringer Plate, breadth & thickness	38 34	32 34	
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	36 - 34	36 - 34		Angle on ditto	3 1/2 3 1/2 34	3 1/2 3 1/2 34	
Angles on upper edge	36 - 34	36 - 34		Tie Plates			
Spacing	36 - 34	36 - 34		Deck. Material and thickness	Steel	26	26
BEAMS, Poop Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	36 - 34	36 - 34		Bridge Deck Stringer Plate, br'dth & thickness	4 1/2 38	4 1/2 38	
Angles on upper edge	36 - 34	36 - 34		Angle on ditto	3 1/2 3 1/2 36	3 1/2 3 1/2 36	
Spacing	36 - 34	36 - 34		Tie Plates	9 x 38	9 x 38	
BEAMS, Bridge Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	36 - 34	36 - 34		Deck. Material and thickness	5 x 3	5 x 3	
Angles on upper edge	36 - 34	36 - 34		Forecastle Deck Stringer Plate, br'dth & thkness	36 34	32 34	
Spacing	36 - 34	36 - 34		Angle on ditto	3 1/2 3 1/2 34	3 1/2 3 1/2 34	
BEAMS, Forecastle Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	36 - 34	36 - 34		Tie Plates	under windlass	60	60
Angles on upper edge	36 - 34	36 - 34		Deck. Material and thickness	P.P.	5 x 3	5 x 3
Spacing	36 - 34	36 - 34					

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

Lloyd's Register
Foundation

Form No. 1A. WEB FRAMES, FORGINGS & CASTINGS, BULKHEADS, COLLISION PARTITION, LONGITUDINAL, PLATING, RIVETING, BUTTS, STRAP, IF LAPPED, SHEARSTRAKES, POOP SIDES, SHORT BRIDGE SIDES, FORECASTLE SIDES, UPPER DECK STRINGER PLATE, SECOND DECK STRINGER PLATE, FRAMES, REVERSED FRAMES, MASTS, SPARS, &c., LOWER MASTS, TOPMASTS, YARDS AND REMAINDER OF SPARS, RIGGING, MATERIAL AND SIZE, SHROUDS, SAILS.

EQUIPMENT No. 26862, LETTER (B), ANCHORS, TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS, CHAIN CABLES, HAWSEERS AND WARPS, Boats, Steering Gear, Steam, Steering Gear, Hand, Pumps, Windlass, Engine Room Skylights, Coal Bunker Openings, Number of Scuppers, Ceiling in Holds, Cargo Hatchways, State size No. 1 Hatch, Number of Web Plates, Bulwarks, Correspondence, Workmanship, Is the riveted work properly closed?, Are the liners between the frames and plates solid single pieces?, Are the butts of plating, Stringers, &c., properly shifted and strapped or lapped?, Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?, Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?, General Remarks, The Surveyor should state the Number of Report and Name of any Sister Vessel, The amount of Entry Fee, Special Survey Fee, Travelling Expenses, State whether the Vessel has been built under Special Survey, I am of opinion this Vessel should be Classed, With or without Freeboard, as condition of Class, Committee's Minute, Character assigned, Lloyd's A & B, P, + Lmb 7.13 oil engines.

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			Fore Ends only			AMIDSHIPS.			ENDS.			RIVETING.											
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames. Diam. Spang. Ins. Ins.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads.									
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Number.			Diameter. Inches.									
Framing of \angle , L & E																									
Frames in Bridge 'tween Decks ...																									
Frames from Uppermost Continuous Deck																									
Framing from Awning, Shelter or Upper Deck to Margin Plate.	No. 1	✓	6	3½	40	✓	6	3½	36	✓	6	3½	40	✓	6	3½	36								
	" 2	✓	6	3½	40	✓	6	3½	36	✓	6	3½	40	✓	6	3½	36								
	" 3	✓	7	3½	40	✓	7	3½	36	✓	7	3½	40	✓	7	3½	36								
	" 4	✓	8	3½	40	✓	7½	3½	40	✓	8	3½	40	✓	7½	3½	40								
	" 5	✓	8	3½	44	✓	8	3½	40	✓	8	3½	44	✓	8	3½	40								
	" 6	✓	9	3½	45	✓	8½	3½	45	✓	9	3½	45	✓	8½	3½	45								
	" 7	✓	9½	3½	46	✓	9	3½	46	✓	9½	3½	46	✓	9	3½	46								
	" 8	✓	9½	3½	50	✓	9½	3½	46	✓	9½	3½	50	✓	9½	3½	46								
	" 9	✓	6½	3½	40	✓	6½	3½	36	✓	6½	3½	40	✓	6½	3½	36								
	" 10	above line of intermediate brackets = 9½ x 3½ x 50 B.A.																							
	" 11																								
	" 12																								
	" 13																								
	" 14																								
	" 15																								
	" 16																								
Spacing of Longitudinal Frames	Amidships	2'-6"			2'-6"			2'-6"			2'-6"														
	At Ends																								
Double Bottoms	Tank Top Longitudinals	✓	7	3	40	✓	7	3	36	✓	7	3	40	✓	7	3	36	✓	¾	6D	✓	4D for 4 Rivets.			
\angle , L & E	Bottom	✓	7½	3½	40	✓	7	3½	40	✓	7½	3½	40	✓	7	3½	40	✓	7/8	6D	✓	4D for 4 Rivets.			
Spacing of Longitudinals	Amidships	2'-6"			2'-6"			2'-6"			2'-6"														
	At Ends...	Fore end = 1'-9"			Fore end = 1'-9"																				
Transverses.		Additional shell connection at fore end = 1L.																							
In Bridge 'tween Decks	Depth and Thickness	✓	15	38	✓	15	38	✓	15	38	✓	15	38	✓	15	38	✓	15	38						
	Face Angles	✓	4	3½	44	✓	4	3½	44	✓	4	3½	44	✓	4	3½	44	✓	4	3½	44				
	Lugs to Shell*	✓	3½	3½	38	✓	3½	3½	38	✓	3½	3½	38	✓	3½	3½	38	✓	3½	3½	38	✓	1 4½D		
In Awning, Shelter or Upper 'tween Decks.	Depth and Thickness	✓	20	48	✓	21	48	✓	20	48	✓	21	48	✓	20	48	✓	21	48	✓	1 4½D				
	Face Angles	✓	7	3½	48	✓	7	3½	48	✓	7	3½	48	✓	7	3½	48	✓	7	3½	48	✓	7/8 5D		
	Lugs to Shell*	✓	6	6	46	✓	6	6	46	✓	6	6	46	✓	6	6	46	✓	6	6	46	✓	7/8 5D		
In Hold.	Brackets	✓	4½	8	54	✓	4½	8	50	✓	4½	8	54	✓	4½	8	50	✓	4½	8	50	✓	4½	8	50
	Spacing of Transverse Frames	Double in fore hold.																							
	* State if joggled or liners.	9'-0" - 13'-0"			Fore end 7'-0"			9'-0" - 13'-0"			Fore end 7'-0"														
Longitudinal Beams of \angle , L & E	Bridge Deck ...																								
	Awg. or Shldr. Dk.																								
	Upper	✓	5½	3	36	✓	5½	3	34	✓	5½	3	36	✓	5½	3	34	✓	5½	3	36	✓	3'-0" + 3'-4"		
	Second	✓	6½	3	38	✓	6½	3	38	✓	6½	3	38	✓	6½	3	38	✓	6½	3	38	✓	3'-3"		
	Third																								
Transverse Beams.		In Ships. As approved. Plate. Angles. Plate. Angles.																							
		✓ B.A. ✓ B.A.																							
		11x 38 8x3½x50 11x 38 8x3½x50																							
		8x3½x46 8x3½x46																							
		13x 40 9x3½x54 13x 40 9x3½x54																							
		9x3½x64 9x3½x64																							

PAR.

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

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 should appear in the Register Book) **2 D 475 H & Longitudinal Frames & web Frames.**

Official No. ; Signal Letters

How are the surfaces preserved from oxidation?

State if Machinery is fitted aft **Yes.**

Rpt.

Date of

Sign

13

No.

Whet

For

Br

Num

Num

Rigge

Stern

Build

Galler

Head

Frame

vess

Num

Num

and

Total to

to b

No of

sets of

Engines.

Two

No. of

Shafts.

Two

Under

Space

Turret

Forecas

Bridge

Poop or

Side Ho

Deck H

Chart F

Spaces

Sectio

1894

Excess

Deductio

NOTE 1.

GENI

WEB-FR

WEB-FR

WEB-FR

BRACKET
Web Fr

BULKH

W.T.BUL

COLL
PARTIT
LONGIT

Are the ou
Are the Sl

ST

FLAT PLAT
GARBOARD

State actual
thickness in
way of Doub
Bottom.

Sheers

THICKNESS
CLEAR OF
DECK OF
DECK OF

Length of
POOP SID
SHORT B
FORECAST

Upper
Stringer
Second
Stringer

FRAME
REVER

LOWER
Bewap
Topmas
Rigging
Sails

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 75.83 ft., ft., Bridge 24.01 ft., Forecastle 32.0 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) 2 Dth Sth & Longitudinal Frames & Web Frames.

Official No. ; Signal Letters State if Machinery is fitted aft Yes.
How are the surfaces preserved from oxidation? Inside Cement & paint. Outside Paint.

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank.		
Double bottom, under Engines and Boilers,			After peak tank.		
Double bottom, if under Engines only,	44.0	116	Deep tank, aft,		162
Double bottom, if under Boilers only,			Deep tank, forward,		55
Double bottom, forward,	259.0	722	Other tanks, if fitted,		
	Total capacity of double bottom	838	(If necessary, furnish further information by sketch.)		

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

State whether the above have been tested as required by the Rules Yes.

Order for Special Survey No. 4449

Date 11.9.13.

No. 860 in builder's yard.

DATES OF SURVEYS
held while building

1913
Sep. 5. 10. 12. 18. 19. 24. 26. 29. Oct. 1. 3. 7. 9. 13. 14. 16. 27. 31. Nov. 4. 5. 6. 17. 19. 28.
1914
Dec. 2. 5. 11. 17. Jan. 9. 15. 27. Feb. 12. 17. 18. 20. Mar. 2. 5. 12. 30. Apr. 4. 8. 16. 21. 24. May
1. 4. 6. 8. 11. 12. 13. 14. 15. 18. 19. 20. 21. 22. 26. 27. Jun. 3. 4. 5. 12. 30. Jul. 17. 18. Aug. 24. 31. Sep. 1.
1915
Oct. 20. Jan. 11. 15. Jul. 1. 2. 5. 8.

Total No. of Visits 79

Surveyor's Signature J.S. Shute