

## STEEL SAILING SHIP.

No. 89,391

Port of London (Spunish) Date of completion of Report 2 OCT 1925Survey held at Brightlingsea & Spunish Date of First Survey 27 MARCH 1924Received at London Office 2 OCT 1925 Last Survey 19 October 1925On the Steel Sailing Barge "BARBARA JEAN."Rig YAWL

TONNAGE under Tonnage Deck 133.16  
Do. of Poop ✓  
Do. of raised Or. Deck ✓  
Do. of Bridge House ✓  
Do. of Forecastle ✓  
Do. of Houses on Deck ✓  
Do. of excess of Hatchways 11.12  
Gross Tonnage 144.28  
Less Crew Space ✓  
TONNAGE FOR FEES ✓  
Less Navigation spaces ✓  
Register Tonnage 119.43  
as cut on Beam ✓

CLASS 100 A. BARGE. CONTENT 12 FEET.  
Breadth (greatest moulded) 22.0  
Depth, at middle of length, from top of keel to top of Upper Deck Beam, at side 8.45  
Transverse Number 30.45  
Length, on deck from fore part of stem to after part of sternpost 93.0  
Longitudinal Number 2790  
Depth "d" at middle of length. (See Secs. 2 & 13.) 7.7  
Proportions, Depths to length, Upper Deck beam at side to top of keel 11.6  
Destined Voyage COASTING

Master ✓  
Year of Appointment 1925  
Built at Brightlingsea  
When built 1925 Launched 1925  
By whom built ALDOUS LTD.  
Owners R. W. PAUL LTD.  
Managers ✓  
(Where necessary to be entered in Reg. Book.)  
Residence IPSWICH.  
Port belonging to IPSWICH.

LENGTH on deck as per rule 93 Feet. Inches. -  
BREADTH Moulded 22 Feet. Inches. 0  
DEPTH Top of Floors to Upper Deck Beams 7 Feet. Inches. 7  
No. of Decks with Flat laid ONE  
No. of Tiers of Beams ONE  
Dimensions of Ship per Register, Length, 93 breadth, 22.25 depth, 7.7 Moulded depth, ft. 8 in. 0 Round up of Beam 8 ins.

FORGINGS AND CASTINGS.	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar, depth and thickness.	<u>✓</u>	<u>✓</u>
STEM, moulding and thickness.	<u>6 x 1 1/2</u>	<u>6 x 1 1/2</u>
STERN-POST, do. do. <u>CHANNEL BAR</u>	<u>8 x 3 1/2 x 40</u>	<u>8 x 3 1/2 x 40</u>
RUDDER—A x D* Table 22	<u>✓</u>	<u>✓</u>
" Main Piece, diameter at head	<u>✓</u>	<u>✓</u>
" " " heel	<u>✓</u>	<u>✓</u>

RUDDER, how constructed WOOD 14 x 12" OAK POST.  
Can the Rudder be unshipped afloat? YES.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.
FRAME, Angles, <u>3</u> <u>3</u> <u>3/8</u> amidships	<u>3</u>	<u>3</u>	<u>3/8</u>	<u>3</u>	<u>3</u>	<u>3/8</u>
" " in peaks	<u>3</u>	<u>3</u>	<u>3/8</u>	<u>3</u>	<u>3</u>	<u>3/8</u>
Spacing of Frames from centre to centre, amidships	<u>20</u>			<u>20</u>		
" " " in peaks	<u>20</u>			<u>20</u>		
REVERSED FRAME, Angles, amidships	<u>2 1/2</u>	<u>2 1/2</u>	<u>3/8</u>	<u>2 1/2</u>	<u>2 1/2</u>	<u>3/8</u>
" " " in peaks	<u>2 1/2</u>	<u>2 1/2</u>	<u>3/8</u>	<u>2 1/2</u>	<u>2 1/2</u>	<u>3/8</u>
FRAMING, depth of girder	<u>3</u>			<u>3</u>		
FLOORS, depth and thickness of Floor Plate at mid line for <u>3/8</u> length amidships	<u>9</u>	<u>3/8</u>		<u>9</u>	<u>3/8</u>	
" thickness at the ends of vessel	<u>9</u>	<u>3/8</u>		<u>9</u>	<u>3/8</u>	
" depth at <u>3/4</u> the half breadth, as per Rule.	<u>9</u>			<u>9</u>		
" height extended at the Bilges	<u>Straight as approved.</u>			<u>9</u>		
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<u>5</u>	<u>3</u>	<u>3/8</u>	<u>5</u>	<u>3</u>	<u>3/8</u>
" " Angles on Upper Edge <u>HATCH ENDS</u>	<u>6 1/2</u>	<u>3</u>	<u>3/8</u>	<u>6 1/2</u>	<u>3</u>	<u>3/8</u>
" Average space	<u>20</u>			<u>20</u>		
BEAMS, Second or Lower Deck, Plate, Tee Bulb or Channel						
" Angles on Upper Edge						
" Average space						
BEAMS, Third or Orlop Deck, Plate, Tee Bulb or Channel						
" Angles on Upper Edge						
" Average space						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						
" Angles on Upper Edge						
" Average space						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						
" Angles on Upper Edge						
" Average space						
BEAMS, Forecastle Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel						
" Angles on Upper Edge						
" Average space						
PILLARS, in 'tween Decks, Size and spacing.						
" " Hold	<u>2 1/2 HATCH ENDS</u>			<u>2 1/2 HATCH ENDS</u>		
" " Quarter, 'tween Dks.						
" " in Hold, <u>UNDER NAUT</u>	<u>3"</u>					
WEB-FRAMES, Number and spacing.	<u>SEARCH SIDE AFTER PLAN.</u>					
" " Breadth and thickness	<u>24</u>	<u>3/8</u>		<u>24</u>	<u>3/8</u>	
" No. of Side Stringers, breadth and thickness	<u>2 1/2</u>	<u>2 1/2</u>	<u>1/4</u>	<u>2 1/2</u>	<u>2 1/2</u>	<u>1/4</u>
" Size of Face Angles to Web Frames	<u>DOUBLE</u>			<u>DOUBLE</u>		
PARTIAL BULKHEADS, as per Sketch, page 147, No.	<u>NONE</u>			<u>NONE</u>		
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness	<u>NONE</u>			<u>NONE</u>		

KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	<u>15</u>	<u>3/8</u>	<u>15</u>	<u>3/8</u>		
" Rider Plate	<u>✓</u>					
" Flat Keel Plate Angles <u>DOUBLE</u>	<u>3</u>	<u>2 1/2</u>	<u>28</u>	<u>3</u>	<u>2 1/2</u>	<u>28</u>
" Horizontal Plates above floors	<u>✓</u>					
" Angles on Bulb Angles <u>DOUBLE</u>	<u>5 1/2</u>	<u>3</u>	<u>36</u>	<u>5 1/2</u>	<u>3</u>	<u>36</u>
SIDE KEELSONS, Number <u>ONE</u>						
" <u>DOUBLE</u> Angles on Bulb Angles	<u>3</u>	<u>3</u>	<u>30</u>	<u>3</u>	<u>3</u>	<u>30</u>
" Plate above floors for lng.	<u>✓</u>					
" Intercoastal Plate for <u>FULL</u> lng.			<u>28</u>			<u>28</u>
" Attached to outside Plating with Angle	<u>3</u>	<u>2 1/2</u>	<u>28</u>	<u>3</u>	<u>2 1/2</u>	<u>28</u>
BILGE KEELSON, Angles or Bulb Angles	<u>✓</u>					
" Plate above floors for lng.	<u>✓</u>					
" Intercoastal Plates for lng.	<u>✓</u>					
" Attached to outside Plating with Angle	<u>✓</u>					
SIDE STRINGERS, Number <u>ONE</u>						
" Angles <u>DOUBLE</u>	<u>3</u>	<u>3</u>	<u>30</u>	<u>3</u>	<u>3</u>	<u>30</u>
" Intercoastal Plates for lng.	<u>NONE</u>			<u>NONE</u>		
" Attached to outside Plating with Angle	<u>3</u>	<u>3</u>	<u>3/8</u>	<u>3</u>	<u>3</u>	<u>3/8</u>
Upper Deck Stringer Plate, breadth and thickness	<u>51</u>	<u>3/8</u>	<u>51</u>	<u>3/8</u>		
" Angle on ditto	<u>3 1/2 x 3 1/2</u>	<u>30</u>	<u>3 1/2 x 3 1/2</u>	<u>30</u>		
" Tie Plates, fore and aft, outside Hatchways	<u>✓</u>					
" Diagonal Tie Plates, No. of Prs.	<u>✓</u>					
" Main Dk.* Iron or Steel for <u>WHOLE</u> len.		<u>3/8</u>		<u>3/8</u>		
" Wood Deck, Material and thickness						
Second or lower Deck Stringer Plate, breadth and thickness						
Is the Stringer Plate attached to the Outside Plating?						
" Angles on ditto, No.						
" Tie Plates, outside Hatchways						
" Diagonal Tie Plates, No. of Prs.						
" Deck, Material and thickness						
Third or Orlop Deck Stringer Plate						
Is the Stringer Plate attached to the Outside Plating?						
" Angles on ditto, No.						
" Tie Plates, outside Hatchways						
Poop Deck Stringer Plate, breadth & thickness						
" Angle on ditto						
" Tie Plates						
" Deck, Material and thickness						
Bridge Deck Stringer Plate, breadth & thickness						
" Angle on ditto						
" Tie Plates						
" Deck, Material and thickness						
Forecastle Deck Stringer Plate, brdth & thkns						
" Angle on ditto						
" Tie Plates						
" Deck, Material and thickness						

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

BULKHEADS.	Number.		Thickness.  Inches.	STIFFENERS.			Single or Double Frames.	Height up.
	In Vessel.	Per Rule.		Horizontal.	Vertical.	Spacing		
				Inches.	Inches.	Inches.		
W. T. BULKHEADS	2	2	5/16	✓	4 x 3 x 3/8	30	SINGLE DECK.	
COLLISION	✓							
PARTITION	✓							

Are the outside Plates doubled two spaces of Frames in length? No.



PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.				
STRAKES.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		EDGES.		BUTTS.		EDGES.		BUTTS.			
		Breadth.		Thickness.		Thickness.		Breadth.		Thickness.		Breadth.		Thickness.		Breadth.			
		Inches.		Inches.		Inches.		Inches.		Inches.		Inches.		Inches.		Inches.			
KEEL (Riveting)		36	1/2	1/2	1/2	36	1/2	1/2	1/2	DOUBLE	4 1/2	3	3	DOUBLE	3 1/2	2 1/2	9 1/2	2	
GABBOARD OF A Strake		39	1/2	1/2	1/2	39	1/2	1/2	1/2	SINGLE	3	3	3	"	3 1/2	2 1/2	9 1/2	2	
B "		39	1/2	1/2	1/2	39	1/2	1/2	1/2	"	3	3	3	"	3 1/2	2 1/2	9 1/2	2	
C "		39	1/2	1/2	1/2	39	1/2	1/2	1/2	"	3	3	3	"	3 1/2	2 1/2	9 1/2	2	
D "		34	1/2	1/2	1/2	34	1/2	1/2	1/2	"	3	3	3	DOUBLE	3 1/2	2 1/2	9 1/2	2	
E "		34	1/2	1/2	1/2	34	1/2	1/2	1/2	"	3	3	3	"	3 1/2	2 1/2	9 1/2	2	
SHEER. F "		44	1/2	1/2	1/2	44	1/2	1/2	1/2	DOUBLE	4 1/2	3	3	"	3 1/2	2 1/2	9 1/2	2	
G "										EDGES OF C & D STRAKE AT CHINE ANGLE THE LAP IS 4". RIVETING IS REELED									
H "																			
J "																			
K "																			
L "																			
M "																			
N "																			
POOP OR R. Q. DECK SIDES																			
SHORT BRIDGE SIDES																			
FORECASTLE SIDES																			

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c. ? **MESSRS JOHN COCKERILL, BELGIUM**  
**+ GARGO FLEET IRON CO. LTD.**

Has the Steel been tested as required by the Rules? **YES**

Upper Deck Stringer Butts, riveted for **FULL** length amidship.  
 Plate Straps, single, double or overlapped for **✓** length amidship.  
 Butts of Side Stringers **✓** riveted.  
 Butts of Tie Plates **✓** riveted.  
 Centre Girder Butts, **✓** riveted. Keelsons Butts, **JOINT PIECES** riveted.  
 Frames, riveted through Plates with **3/4** in. Rivets, about **5 1/2** apart.  
 Rivets, state whether of Iron or Steel **STEEL**.

FRAMES extend in one length from **CHINE** to **CHINE + FROM CHINE TO DECK.**  
 REVERSED FRAMES on floors and frames extend from middle line to **DECK** ON ALL FRAMES

MASTS AND SPARS.										RIGGING.											
MASTS, &c.		MATERIAL.		Total Length.		DIAMETER AND THICKNESS AT—				No. of Plates in Round.		ANGLES.		RIVETING.		MATERIAL.		SHROUDS.		STAYS.	
				Feet. Ins.		Partners.		Heel.		Hounds.		Head.						No.		Size.	
						Ins.		Ins.		Ins.		Ins.						Ins.		Ins.	
MASTS		WOOD		48.0		11 1/2		12 1/2		10 1/2						STEEL		3		1 1/2	
Mizen		WOOD		46.0		8 1/2		8 1/2		8 1/2								2		1 1/2	
BOWSPRIT		WOOD		28.0																	
TOPMASTS		WOOD		45.0		11 1/2		-		6						STEEL		2		1 1/2	
YARDS.		FORE		At Centre		At Ends															
LOWER YARDS.		Main																			
		Crossjack																			
		Jigger																			
FORE		Lower																			
		Upper																			
MAIN		Upper																			
		Lower																			
TOPSAIL YARDS.		Upper																			
		Lower																			
MIZEN		Upper																			
		Lower																			
JIGGER		Lower																			
		Upper																			

Remainder of Spars

EQUIPMENT NO.		LETTER		ANCHORS.		TONNAGE FOR TRAWLERS		U. Dk.	
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQ. PER RULE.	
				Cwts. qrs. lbs.		Tons. cwts. qrs. lbs.		Cwts. qrs. lbs.	
1st Bower									
2nd "									
3rd "									
Collective weight									
Stream									
Kedge									

THE OWNERS STATED THAT THEY DID NOT REQUIRE EQUIPMENT FIGURES.

CHAIN CABLES.										HAWSERS AND WARPS.											
Number of Certificate.		Fathoms.		Size.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms.		Size.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms.		Size.	
								Supplied.		Per Rule.						Supplied.		Per Rule.			
Iron Steam Chain or Steel Wire																					

Boats **ONE.**  
 Pumps, Number **SIX.**  
 Windlass is **HAND. BARREL. BARGE TYPE.**  
 Number of Scuppers, and number and dimensions of Freeing Ports **6 SCUPPERS EACH SIDE. FREEING PORT EACH SIDE 16" x 6".**  
 Ceiling in Holds, thickness and material **2 1/2" P. PINE.**  
 Cargo Hatchways, How formed? **STEEL CORMINERS.**  
 State size No. 1 Hatch (Forward) **LENGTH 11'4". WIDTH 11'0".** No. 2 Hatch **LENGTH 36'6". WIDTH 13'5".** No. 3 Hatch **LENGTH 15'0". WIDTH 11'0".**  
 Number of Web Plates, Shifting Beams, and Fore and Afters to Hatch **ONLY. 3 SHIFTING BEAMS. 35' PLATE 15" DEEP. FORE + AFTERS. 8" x 7" P. PINE.**  
 Bulwarks, height above deck and description **FOR 20' ANCH. 15' AFT. 20' MAIN RAIL, material and size STEEL 4" x 2 1/2" L.** No. of Breasthooks **✓** No. of Crutches **DEEP FLOORS.**  
 The above is a correct description. **FOR ALDOUS LTD.**  
 Builder's Signature (here only) **W.P. Rowe** Surveyor's Signature **A.B. Tammie**  
 Secretary **SECRETARY** Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)  
**M. 4.2.24 - 2.4.24 - 2.6.24 - 12.6.24 - 12.12.24 - 8.4.25 - 15.4.25 - 20.4.25.**

Workmanship. Are the butts of plating planed or otherwise fitted? **CHIPPED.**  
 Is the riveted work properly closed? **YES.**  
 Are the liners between the frames and plates solid single pieces? **YES.** 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? **VERY FEW.**  
 Are the butts of Plating, Stringers, &c., properly shifted and strapped or lapped? **YES.**  
 Have all upper and weather decks been tested as required by Rules (Sec. 26, par. 20)? **YES.** State results of test **SATISFACTORY.**  
 Have all gutterways been tested as required by Rules (Sec. 26, par. 20)? **✓** State results of test **✓**  
 General Remarks (State quality of workmanship, &c.)  
**This vessel has been built in accordance with the approved plans, the Society's Rules and the Secretary's letters referred to above, for the class contemplated, the materials and workmanship are good.**  
**This vessel is a duplicate of the 'AIDIE' Lon Report No 89138.**

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop **✓** ft., R.Q.D. **✓** ft., Bridge **✓** ft., F'castle **✓** ft.  
 (in feet and tenths). 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) **ONE DECK (STEEL) ONE TIER OF BEAMS.**  
 Official No. **276**; Signal Letters **✓**  
 How are the surfaces preserved from oxidation? Inside **CEMENT AND PAINT.** Outside **PAINT.**

Order for Special Survey No. **10,069.** Date **6.2.1924.**  
 Order for Ordinary Survey No. **276** Date **27.6.1924.**  
 No. **276** in builder's yard.

1st. On the several parts of the frame, when in place, and before the plating was wrought  
 2nd. On the plating during the process of riveting  
 3rd. When the decks were in and fastened, and before the decks were laid  
 4th. When the ship was complete, and before the plating was finally coated or cemented  
 5th. After the ship was launched and equipped

1924: MAR 27. MAY 19. JUNE 2. 13. 20. 30. JULY 11. 14. 25. 21.  
 AUG 27. SEP 4. 29. OCT 4. 17. 20. NOV 4. 11. 19. 24. DEC 1. 5. 16.  
 1925: JAN 3. 7. 17. 21. FEB 25. MAR 14. APR 14. MAY 18. 21. 27. JUNE 3. 23.  
 JULY 2. 20. 30. AUG 11. 18. 25. SEP 1. 8. 25. OCT 19.  
 Total No. of Visits **47.**

Fees applied for, **2 OCT 1924**  
 The amount of Entry Fee **£ 2 : 0 : 0**  
 Special Survey Fee **£ 20 : 0 : 0**  
 Travelling Expenses, if any **£ 10 : 6 : 0**  
**Frederick** **2.0.0**  
 Received by me, **1926**  
 I am of opinion this Vessel should be Classed **+ 100 A**  
 With, or without Freeboard, as condition of Class **Without.**  
 Certificate to be sent to **BUILDERS.** **12/1/26.**  
**A.B. Tammie**  
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute **FRI. 23 OCT 1925**  
 Character assigned **100A - Barge**

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 Pumps, Number **SIX.**  
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