

STEEL STEAMER ~~OR MOTORSHIP~~ (TRAWLER).

Received at London Office 24 1941

State if Report has been sent on the Freeboard of the Vessel No

State if Report is sent on the Machinery of the Vessel YES.

Date of completion of report 31st March 1941.

Port of HULL

No. 51173.

Survey held at Beverley and Hull

Date First Survey 16th May, 1940

Last Survey

21st March, 1941.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Steel Single Screw M/S A/S Trawler JULIET

State Type (Full scantling, Complete Superstructure with or without Tonnage Openings)

Hull Scantling

State Type of Erections

Forecastle.

TONNAGE under 408.14
Tonnage Deck

CLASS * 100A-STEAM TRAWLER (State if with freeboard as condition of Class)

No.

Built at Beverley.

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern most on summer L.W.L. See Sec. 3 (1a)

L 150'-0"

Launched October 2nd 1940. Yard No. 669.

Total 408.14

Breadth (greatest moulded)

B 27'-6"

Builders Messrs Cook, Welton & Gemmell Ltd.

Gross Tonnage 452.20

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

D 15'-0"

Owners The Admiralty

Register Tonnage 143.98

1st Longitudinal Number (L x D)

=

Managers

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

REGISTERED DIMENSIONS.
FEET.

Length 153.85

Breadth 27.2

Depth 14.0

Framing Depth "d," at middle of length. See Sec. 3 (1d)

Proportions—Depth to Length—Uppermost continuous deck to top of keel

Do. Long Bridge to top of keel

Draught Moulded

Residence London

Port of Registry

Surveyed while building, afloat, and in dry dock During Construction.

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	22"	✓	Bracket Floors, Frame		
" " from $\frac{3}{4}$ length amidships to Collision bulkhead	22"	✓	" " Reversed Frame		
" " in peaks	22"	✓	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	5 3 .40	✓	" " top Angles		
" " Extends up to	UPPER DECK	✓	" " bottom Angles		
Reversed Frame Amidships, Angle	3 3 .38	✓	Side Girders, No. each side and thickness		
" " Extends up to	ACROSS FLOORS	✓	Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	5"	✓	" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Bracket abaft $\frac{1}{4}$ len. from stem		
" " Second 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side		
" " Third " " "			" " Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " from $\frac{1}{4}$ len. for'd. to 15% len. from Stem			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
" " in Peaks, Angle $\frac{1}{2}$ or $\frac{3}{4}$	FORE PEAK 5 x 3 .34 AFTER PEAK 5 3 .30	✓	" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	$\frac{3}{4}$ - $5\frac{1}{4}$	✓	Tank Side Brackets, height above base line at toe of Frame and thickness		
State if Frame Joggled	No	✓	INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	AS APPROVED	✓	Breadth and thickness of Middle Line Strake		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?			Thickness of remainder in Holds		
SINGLE BOTTOM.			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?		
Floors, Depth and thickness at mid-line in Holds	18 x .40	✓	BEAMS.		
Height of Brackets at side above base line at toe of frame	NONE	✓	Uppermost Continuous Deck, amidships in Wells, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	5 3 .40	✓
Middle Line Keelson, on Floors, Angles, $\frac{1}{2}$ or $\frac{3}{4}$ DOUBLE	5 x 3 x .40 - .30	✓	" " in way of Bridge, Angle, [or]		✓
" " Through Plate or Intercostal Plate	.42 - .38	✓	Spacing	22"	✓
" " Foundation Plate on Floors	✓		LOWER FORWARD Second Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	5 3 .35	✓
" " Flat Plate Keel Angles	3 x 3 .44 - .40	✓	Spacing	22"	✓
Side Keelsons, No. each side	ONE	✓	LOWER AFT Third Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	5 3 .35	✓
" " thickness of Intercostal Plate			Spacing	22"	✓
" " Angle	5 3 .50	✓	Fourth Deck, amidships, Angle, [or]		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			Poop Deck, Angle, [or]		
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			Bridge Deck, Angle, [or]		
" " breadth and thickness at margin plate			Spacing		
			Forecastle Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	5 3 .32	✓
			Spacing	22"	✓

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.....		ONE			Stringer Plate, breadth and thickness in way of Bridge				
FORWARD					Thickness of Plating abreast Deck openings in way of Wells				
in 'tween Decks Size and Spacing.....		2 3/4" DIA - 44"		✓	Thickness of Plating abreast Deck openings in way of Bridge				
" " " " " "		✓			Thickness of Plating within line of openings...				
CROSS BUNKER.					If Sheathed, material and thickness				
in Holds " " " "		2 7/8" DIA - 44"		✓	Third Deck.				
" " " " " "		✓			Stringer Plate, breadth and thickness.....				
Centre Line Bulkhead					If Plated, state thickness.....				
Stiffeners and Spacing (FRAMES 14 TO 19) Γ		6" 3" 34" SPACED 22" APART		✓	Fourth Deck.				
Plating, thickness of26		✓	Stringer Plate, breadth and thickness.....				
STRINGERS AND DECKS.					If Plated, state thickness				
Uppermost Continuous Deck.					Poop Deck.				
Stringer Plate, breadth and thickness in Wells		68 1/2" x .32" - 30"		✓	Stringer Plate, breadth and thickness				
" " " " in way of Bridge		✓			Plating, Sheathing, material and thickness ...				
" Angle in Wells		3" x 3" 38" - 32"		✓	Bridge Deck.				
Thickness of Plating abreast Deck openings in way of Wells32		✓	Stringer Plate, breadth and thickness.....				
Thickness of Plating abreast Deck openings in way of Bridge		✓			Plating, Sheathing, material and thickness ...				
Thickness of Plating within line of openings...		.28		✓	Forecastle Deck.				
If Sheathed, material and thickness (FRS 13 TO 33) BORNEO W.W.		2 1/2" ✓			Stringer Plate, breadth and thickness.....		.26		✓
LOWER Second Deck. PLATED ATHWARTSHIPS					Plating, Sheathing, material and thickness UNDER WINDLASS		.26		✓
Stringer Plate, breadth and thickness in Wells...		.26		✓			.40		✓

SHELL PLATING.

SCANTLINGS.						RIVETING.									
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. YES ✓			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.				
FLAT PLATE KEEL	39 1/2" ✓	.46 ✓	.42 ✓	.42 ✓		Double ✓	3/4" ✓	6 PER SPACE EX. FRAME RIVS. ✓	Two ✓	3/4" ✓	2 5/8" ✓	STRAPPED ✓			
" DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓			
BOTTOM PLATING, No. of Strakes 2 ✓	66" ✓	.40 ✓	.40 ✓	.40 ✓		Double ✓	3/4" ✓	6 PER SPACE EX. FRAME RIVS. ✓	Two ✓	3/4" ✓	2 5/8" ✓	LAPPED ✓			
BILGE PLATING, No. of Strakes 1 ✓	66" ✓	.40 ✓	.40 ✓	.40 ✓		" ✓	" ✓	" ✓	" ✓	" ✓	" ✓	" ✓			
SIDE PLATING, No. of Strakes 1 ✓	67" ✓	.40 ✓	.40 ✓	.36 ✓		" ✓	" ✓	" ✓	" ✓	" ✓	" ✓	" ✓			
UPPER DECK, Sheer-strake in Wells	58" ✓	.50 ✓	.43 ✓	.42 ✓		" ✓	" ✓	" ✓	" ✓	" ✓	" ✓	" ✓			
UPPER DECK, Sheer-strake in Bridge ...															
STRAKE BELOW Sheer-strake in Wells.....															
STRAKE BELOW Sheer-strake in Bridge ...															
POOP SIDE PLATING															
BRIDGE SIDE PLATING ...															
FORECASTLE SIDE PLATING	75" ✓	.28 ✓	N°1 PLATE .50	✓		✓									

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		
Extending to Upper Deck (Sec. 3 c)	7	✓
" Deck next below	3	
As per Rule	4	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				Flat Plate Keel. ✓
STEM				Roller 8" x 2" flat bar, Appleby Frodingham ✓
STERN FRAME { Propeller Post				Cast ✓
{ Rudder "				Steel approved Glasgow. ✓
Speed of Vessel				12-13 knots ✓
RUDDER—Type				spade Type. ✓
" A x D				✓
" Diam. of head	Cast	7 x 11 1/2"	Stewart & Lloyd	✓
" Mainpiece at top	Steel	9 1/2 x 11 1/2"	Stewart & Lloyd, Glasgow.	✓
" " heel ...		6 x 6		✓
" how constructed	Cast	Steel frame with side plates		✓
" double or single plate coupling, vertical or horizontal32		✓
		NONE.		

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
BULKHEAD ON FRAME N°19	40-30	6 x 3 x 44	Γ 30"	✓	✓
MIDSHIP BULKHEAD, Upper 'tween Deck, N°30	40-30	3 1/2 x 3 x 38	Γ 30"	✓	✓
" " Second " N°52	42-26	6 x 3 x 42	Γ 27"	✓	✓
" " Third " N°64	40-26	6 x 3 x 40	Γ 24-27"	✓	✓
" " Holds " N°77	40-26	5 x 3 x 30	Γ 30-36"	✓	✓
COLLISION " (in Hold) N°5	40-26	6 x 3 x 31 1/2	Γ 24"	✓	✓
AFTER PEAK " N°72	40-26	5 x 3 x 40	Γ 27-30"	✓	✓

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) open hearth process. ✓	
	PLATES:—Consett Iron Co. Ltd., Dorman Long & Co. Ltd., South Durham Steel & Iron Co. Ltd., Appleby Frodingham Steel Co. Ltd.,	
	SECTIONS:—Consett Iron Co. Ltd., Dorman Long & Co. Ltd., Skinningrove Iron Co. Ltd.,	
Has the Steel been tested as required by the Rules? YES. ✓		

SEE ENDORSEMENT 22-12-47 RE length of cc. 225 fms. not required

EQUIPMENT No.				LETTER				ANCHORS.			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.
26601	1st Bower	14	0	14	Stockless			15	14	2	21
26602	2nd "	13	3	21	"			15	12	2	0
	3rd "										
	Collective weight.	28	0	7							
1291A	KEDGE Stream ADMIRALTY PLAN	2	2	7	-	2	0	5	2	2	0
									2 1/2		
				Description of Anchor.				Makers.			
				Improved Stockless				Not stated			
				"				"			
				CAST STEEL ADMIRALTY PLAN ANCHOR.				BEAUM LENOX & CO. LTD.			
								CARDIFF 9-11-40 A. BUTLER			

ADMIRALTY PLAN.										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.	Ins.					Length.	Ins.		Length.	Ins.	Length.	Ins.								
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.										
62903	80	15F	1 1/8"	22 3/4	34 1/8	76.1	16.7		135	1 1/8"	STUD LINK	Richard	Cradley Heath		30	6"	Manilla with												
													6-3-41		35F	3"	FSWR each end.												
61664	20	7 1/2 F	1 1/8"	22 3/4	34 1/8	9.3	26				STUD LINK	Sykes & Son.	27-11-40		150	2 1/2"	Admiralty Pattern												
													S. C. PAUL.																

STEAM.
Steering Gear, Type (Power or hand) *John Lynn & Co.* ✓ Alternative Means of Steering *Hand, by John Lynn & Co.* ✓
Steering Chains (Size and Test) *None.* Windlass *Steam Clarke, Chapman & Co. Ltd.* Boats *2-16'0" Dinghys*
Ceiling in Holds, thickness and material *None.* Cargo Battens, thickness, material and spacing *None*
Cargo Hatchways.-(Upper Deck) *None.* Thickness of Hatches *None.*
Size of Hatchways No. 1 (Fwd.) ✓ No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓
Number of Shifting Beams and/or Fore and Afters ✓
COOK, WELTON & GEMMELL, LTD.
Builder's Signature *Official*
Secretary & Director.

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 (where required to be inserted in the Notation).

This vessel has been built in accordance with the approved plans and specification.
The materials and workmanship are good.
Fore and After peak tanks, chain lockers & trimming tank, fresh water tank, and reserve feed tanks have been tested in accordance with the rule requirements and found satisfactory.
Bottom flooded in way of U.T. trunk space, magazine & spirit room, coal bunkers engine & boiler spaces, and engineers store and found satisfactory.
Shell tested and found in order.
Decks, casings & deck houses, windlass, steering gear and arrangements have been tested and found satisfactory.

The amount of Entry Fee £ : ✓ :
Fee for classification & Special Survey Fee £ 140 : 0 : 0
Supervision of Admiralty Specification
Travelling Expenses, if any £ 1-7-4
Fees applied for, 23 APR 1941
Received by me, 19

I am of opinion the Vessel should be Classed * 100 A- STEAM TRAWLER "FOR GOVERNMENT SERVICE"

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

Signature *W. Macleod*
Surveyor to Lloyd's Register of Shipping.

Certificate sent to *Hull.* Date of issue *15/41*

Committee's Minute

Character assigned

TUE. 29 APR 1941

+ 100 A -

Steam Trawler

For Government Service

O.L.

W. Macleod

14th 4. 41

3D

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Lloyd's Register Foundation

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 approved plans are being retained for reference in dealing with sister vessels under construction.
Copies of these plans are in the Nottingham office.

"HAMLET"

This vessel is a sister vessel to the same Builder Jards N° 667 Hull n° 51052.

PARTICULARS OF ELECTRIC WELDING (if employed)

Lower Deck plating electrically welded at sides of vessel & at butts.
Approved electrodes employed on the work.

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

✱ 100A—STEAM TRAWLER "FOR GOVERNMENT SERVICE"

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

1st Bower

2nd "

3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 26.8 ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ✓

Official No. ✓ Signal Letters ✓ Extreme Breadth over Belting ✓ Over-all Length 164.5 ft. ✓
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 DE STEEL ✓

Parts of Bottom of Vessel coated with cement or approved composition ✓

Particulars of composition (if fitted) and of approval

F.W. Tanks cement washed.

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. 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,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 3216.

Date 2nd April, 1940.

Dates of Surveys held while building

1940. May 16. 26. June 1. 7. 14. 19. 25. July 5. 17. 22. Aug. 1. 2. 5. 7. 16. 19. 26. Sept. 5. 13. 23.
26. 27. 30. Oct. 1. 7. 9. 21. 25. Nov. 4. 6. 14. 20. 25. 29. Dec. 6. 12. 24. 27.
1941. Jan. 1. 6. 8. 15. 17. 22. 27. 29. Feb. 19. 21. Mar. 3. 4. 7. 10. 12. 13. 15. 17. 18. 21.

Total No. of Visits 58.