

Rpt. 1.

STEEL STEAMER ~~MOTORSHIP~~

Received at London Office JUN 20 1939

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

2ND JUNE 1939.

Port of

HULL.

No.

50041

Survey held at

SELAY AND HULL.

Date First Survey

22.11.38

Last Survey

1ST JUNE.

19 39.

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

STEEL SINGLE SCREW KETCH "AKITA"

State Type

(Full Scantling, Complete Superstructure
with or without Tonnage Openings)

STEAM TRAWLER

State Type of Erections

RAISED QUARTER
DECK AND FORECASTLE.TONNAGE under
Tonnage Deck...

266.12

CLASS 100A1.

STEAM TRAWLER

State if with freeboard
as condition of Class

No

Built at

SELAY

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

Total

266.12

Gross Tonnage

314.11

Register Tonnage

115.90

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

L 127.5

Breadth (greatest moulded)

B 24.5

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

D 13.5

1st Longitudinal Number (L x D)

= 1721

2nd Numeral L x (B + D)

= 4845

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

9.44

Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel

9.44

Do. Long Bridge to top
of keel

15

Draught Moulded

15

Launched 23RD MARCH 1939. Yard No. 1201.

Builders COCHRANE & SONS LTD

Owners MESS^{RS} NEALE & WEST LTD

Managers

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

WHARF STREET.

Residence

CARDIFF.

Port of Registry CARDIFF.

If surveyed while building, afloat, or in dry dock

BUILDING AND AFLOAT.

REGISTERED DIMENSIONS.

FEET.
Length 130.75
Breadth 24.55
Depth 11.90

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	21'	✓	Bracket Floors, Frame		
" " from $\frac{1}{4}$ length amidships to Collision bulkhead	18"	✓	" " Reversed Frame		
" " in peaks	21' aft, 18' fwd	✓	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, $\frac{1}{4}$	4 $\frac{1}{2}$ 3 40 L	✓	" " top Angles		
" " Extends up to	Deck	✓	" " bottom Angles		
Reversed Frame Amidships, Angle	3 3 36	✓	Side Girders, No. each side and thickness		
" " Extends up to	Across Floors	✓	Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	4 $\frac{1}{2}$	✓	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or [" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " Second 'tween Decks, Angle, [or [" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
" " Third " " " "			" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " from $\frac{1}{4}$ len. for'd. to 15% len. from Stem			Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle $\frac{1}{4}$	4 $\frac{1}{2}$ 3 40	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	$\frac{3}{4}$ - 5 $\frac{1}{4}$	✓	Breadth and thickness of Middle Line Strake		
State if Frame Joggled	No	✓	Thickness of remainder in Holds		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	LOWER DECK FLAT. AND BEAMS. RIGGE KEELSONS, CLOSER FRAME SPACING AND TRIVETING.	✓	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?		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?			BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, [or [5 3 40	✓
Floors, Depth and thickness at mid-line in Holds	17' x 36	✓	" " in way of Bridge, Angle, [or [
Height of Brackets at side above base line at toe of frame	FLAT TOPPED	✓	Spacing	ALTERNATE FRAMES.	✓
Middle Line Keelson, on Floors, Angles, [or [12 x 3 $\frac{1}{2}$, 3 $\frac{1}{2}$ x 29 L ^{BS} CHANNEL	✓	Second Deck, amidships, Angle, [or [
" " Through Plate or Intercostal Plate			Spacing		
" " Foundation Plate on Floors			Third Deck, amidships, Angle, [or [
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side	ONE	✓	Fourth Deck, amidships, Angle, [or [
" " thickness of Intercostal Plate		✓	Spacing		
" " Angles	5 4 40 44 B.S.	✓	Poop Deck, Angle, [or [
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			Bridge Deck, Angle, [or [
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle, [or [5 3 40	✓
" " breadth and thickness at margin plate			Spacing	ALTERNATE FRAMES.	✓

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..... <i>ONE</i>				Stringer Plate, breadth and thickness in way of Bridge			
" in 'tween Decks, Size and Spacing.....				Thickness of Plating abreast Deck openings in way of Wells			
" " " " " "				Thickness of Plating abreast Deck openings in way of Bridge			
" in Holds " "		<i>3' DIA.</i>		Thickness of Plating within line of openings...			
" " " " " "				If Sheathed, material and thickness			
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing.....				Stringer Plate, breadth and thickness.....			
Plating, thickness of				If Plated, state thickness.....			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells <i>50' x .33</i>				If Plated, state thickness			
" " " " in way of Bridge				Poop Deck.			
" Angle in Wells	<i>3</i>	<i>3</i>	<i>.36</i>	Stringer Plate, breadth and thickness			
<i>TIE</i> Thickness of Plating abreast Deck openings in way of Wells	<i>10'</i>	<i>.36</i>		Plating, Sheathing, material and thickness ...			
Thickness of Plating abreast Deck openings in way of Bridge	<i>.35</i>	<i>.31</i>		Bridge Deck.			
Thickness of Plating within line of openings...	<i>.375</i>	<i>.31</i>	<i>.30</i>	Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness	<i>5' x 3' BORNED PINE.</i>			Plating, Sheathing, material and thickness ...			
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...				Stringer Plate, breadth and thickness.....	<i>.26</i>		
				Plating, Sheathing, material and thickness ...	<i>.26 - .30 Under Vindloss.</i>		<i>5' x 3' BORNED PINE.</i>

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>Yes.</i>		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if Joggled?	RIVETS.	NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					SINGLE OR DOUBLE.	Diam.	
<i>SEA</i> FLAT PLATE KEEL <i>A</i> <i>32</i>	<i>.43</i>	<i>.40</i>	<i>.41</i>			<i>2 ROWS</i>	<i>3/4</i>	<i>2 ROWS</i>	<i>3/4</i>	<i>2 5/8</i>	<i>STRAPS.</i>
" <i>DECK (if any)</i> <i>B</i> <i>60 1/2</i>	<i>.375</i>	<i>.375</i>	<i>.375</i>			<i>2</i>		<i>2</i>			<i>LAPS</i>
BOTTOM PLATING, No. of Strakes ... <i>C</i> <i>59</i>	<i>.375</i>	<i>.375</i>	<i>.375</i>			<i>2</i>		<i>2</i>			
BILGE PLATING, No. of Strakes <i>D</i> <i>62 1/2</i>	<i>.43</i>	<i>.375</i>	<i>.375</i>			<i>2</i>		<i>2</i>			
SIDE PLATING, No. of Strakes <i>E</i> <i>60 1/2</i>	<i>.375</i>	<i>.375</i>	<i>.375</i>	<i>.43 ABREAST GALLONS</i>		<i>2</i>		<i>2</i>			
UPPER DECK, Sheer-strake in Wells..... <i>37</i>	<i>.50</i>	<i>.45</i>	<i>.45</i>			<i>2</i>		<i>2</i>			<i>STRAPS.</i>
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	<i>.30</i>										

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		STIFFENERS.	
		VERTICAL.	HORIZONTAL.
		Scantlings.	Spacing.
Extending to Upper Deck (Sec. 3 c)	<i>5</i>		
" Deck next below	<i>3</i>		
As per Rule			
MIDSHIP BULKHD., Upper tween decks			
" " Second "			
" " Third "			
" " Holds	<i>N^o 59 .36 .30 .26</i>	<i>6' x 3' .30 DIA.</i>	<i>30"</i>
" " " "	<i>N^o 71 .30 .44 .30 .30</i>	<i>5' x 3' .34 L</i>	<i>24"</i>
COLLISION (in Hold)	<i>N^o 65 .36 .30 .5 .30 .30</i>	<i>6' x 3' .30</i>	<i>24"</i>
AFTER PEAK	<i>N^o 5 .43 .28</i>	<i>4' x 3' .30</i>	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar <i>THICK BAR ROLLED</i>	<i>7 1/2 x 1 1/8</i>		<i>Consett Iron Co</i>	
STEM	<i>7 1/2 x 1 1/8</i>		<i>Ltd. Consett.</i>	
STERN FRAME { Propeller Post	<i>FORGED</i>	<i>7 x 3</i>	<i>T. S. FORSTER & SONS</i>	
{ Rudder	<i>SCRAP IRON</i>	<i>7 x 3</i>	<i>SUNDERLAND.</i>	
Speed of Vessel	<i>12 KNOTS</i>			
RUDDER—Type	<i>UNBALANCED</i>			
" A x D	<i>40 x 39 1/2 x 2 x 31 = 93.3</i>			
" Diam. of head	<i>FORGED</i>	<i>5 1/2 DIA.</i>		
" Mainpiece at top pintle	<i>SCRAP IRON</i>	<i>6 x 4</i>	<i>T. S. FORSTER & SONS</i>	
" " heel ...		<i>3 x 4</i>	<i>SUNDERLAND.</i>	
" how constructed	<i>FORGED FRAME, DOUBLE PLATE.</i>			
" double or single plate	<i>.30</i>			
" coupling, vertical or horizontal	<i>HORIZONTAL.</i>			

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	<i>OPEN HEARTH PROCESS.</i>
	<i>SOUTH DURHAM STEEL & IRON CO. LTD., APPLEBY FROTHINGHAM STEEL CO. LTD., CONSETT IRON CO. LTD.</i>
	<i>DORMAN LONG & CO. LTD.</i>
	Has the Steel been tested as required by the Rules? <i>Yes.</i>

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.)

PARTICULARS OF ELECTRIC WELDING (if employed) ✓

EMPLOYED IN WAY OF OIL FUEL BUNKERS AS PER PLAN APPROVED. IRONEX ELECTRODES USED.

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

100 A.I. STEAM TRAWLER.

CRUISER STERN.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	2nd "	3rd "	WEIGHT LBS.	SURVEYOR	NO OF CERT.	DATE OF TEST.
				4-1-18	J.D.	5264	10-3-39.
				52264	J.D.	5261	10-3-39.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 75 ft., Bridge ✓ ft., Forecastle 21.75 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ✓

Official No. 162133 Signal Letters Extreme Breadth over Belting (Circ. 1611) 24.87 Over-all Length 143.75 (Circ. 1703) ✓

No. and Material of Decks 1704 ✓ Parts of Bottom of Vessel coated with cement or approved composition CEMENT FISH ROOMS & MACHINERY SPACES. ✓

Particulars of composition (if fitted) and of approval BITULAC ABOVE BOTTOM CEMENT.

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,	19.0	19.0
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	✓	✓
Double bottom, if under Engines only,	✓	✓	Deep tank, aft, WING TANKS IN B. SPACE	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	✓	✓	Other tanks, if fitted, BALLAST TANKS UNDER CABIN FLAT	10.5	6.75 TOTAL FOR BOTH TANKS.
Total length (if continuous) and Capacity	✓	✓	(If necessary, furnish further information by sketch.)		

OIL FUEL BUNKERS 21.0 LONG. CENTRE TANK 52.5 TONS OIL, EACH WING TANK 46.8 TONS OIL. TOTAL OIL CAPACITY 146.1 TONS.

Order for Special Survey No. 3173

Date. 24th JANUARY 1939.

Dates of Surveys held while building

1938 Nov 22 Dec 14. 23. Jan 4. 12. 19. 27. Feb. 1. 3. 9. 13. 16. 20. 23. 28. Mar 6. 10. 15. 20. 24. 31. Apr 5. 13. 17. 20. 25. 28. May 1. 10. 12. 17. 19. 24. 25. 31. June 1.

Total No. of Visits 36