

STEEL STEAMER ~~MOTORSHIP~~

Received at London Office

FEB -2 1940

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

11TH JANUARY 1940

Port of

HULL.

No.

50477.

Survey held at

SELY AND HULL

Date First Survey

28. 6. 39.

Last Survey

9th January, 1940

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

SINGLE SCREW KETCH.

"IWATE"

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

STEAM TRAWLER FULL SCANTLING.

State Type of Erection

RAISED QUARTER

TONNAGE under
Tonnage Deck

266.12

CLASS ~~100A.1.~~
STEAM TRAWLERState if with freeboard
as condition of Class

No

Built at

SELYBY

Launched

30TH SEPTEMBER 1939

Yard No. 1210

Builders

COCHRANE & SONS. LTD

Owners

MESS^{RS} NEALE & WEST. LTD.

Managers

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

Residence

WHARF STREET, CARDIFF.

Port of Registry

CARDIFF.

If surveyed while building, afloat, or in dry dock

BUILDING AND AFLOAT.

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

Total

266.12

Gross Tonnage

313.92

Registered Tonnage

115.78

STERED DIMENSIONS.
FEET.

130.75

24.55

11.90

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 keelDo. Long Bridge to top
of keel

Draught Moulded

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.
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		
FRAMING.			Centre Girder, depth and thickness amidships		
Amidships, Angle,	5 3 40 L ✓		" " top Angles		
" Extends up to	Deck ✓		" " bottom Angles		
ed 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		
of Framing Girder	5' ✓		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
s in Uppermost Continuous 'tween			" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area		
Decks, Angle, or			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
" Second 'tween Decks, Angle, or			" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area		
" Third " " " "			Tank Side Brackets, height above base line at toe of Frame and thickness		
from $\frac{1}{4}$ len. for'd. to 15% len. from Stem	5 3 40 L ✓		INNER BOTTOM PLATING.		
in Peaks, Angle	3/4 - 5/4 ✓		Breadth and thickness of Middle Line Strake		
ter and Spacing of Rivets through Frame and Shell Plating amid- ships	No ✓		Thickness of remainder in Holds		
f Frame Joggled	LOWER DECK FLAT. AND BEAMS. RILGE KEELSONS, CLOSER FRAME SPACING AND RIVETING.		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?		
e scantlings and arrangements in the ting Area in accordance with the Rules or as approved?			BEAMS.		
e scantlings and arrangements in way e Bottom Forward in accordance with ules and/or as approved?			Uppermost Continuous Deck, amidships	6 3 44 L ✓	
BOTTOM.			" " in way of Bridge, Angle, or		
Depth and thickness at mid-line in Holds	17' x 36' ✓		Spacing	ALTERNATE FRAMES.	
Height of Brackets at side above base line at toe of frame	FLAT TOPPED ✓		Second Deck, amidships, Angle, or		
Line Keelson, on Floors, Angles, or	12 x 3 1/2 x 3 1/2 x 29 L ✓		Spacing		
" " Through Plate or Intercoastal Plate			Third Deck, amidships, Angle, or		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Fourth Deck, amidships, Angle, or		
Keelsons, No. each side	ONE ✓		Spacing		
" thickness of Intercoastal Plate			Poop Deck, Angle, or		
" Angles	5 4 40 ✓ 44 13.5 ✓		Spacing		
Bottom.			Bridge Deck, Angle, or		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Forecastle Deck, Angle, or	6 3 44 L ✓	
Bracket Floors, breadth and thickness at middle line			Spacing	ALTERNATE FRAMES.	
" " breadth and thickness at margin plate					

PILLARS AND DECKS.

[illegible]

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c)	5 ✓
„ Deck next below	✓
As per Rule	3 ✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar <i>BUILD IRON ROLLED</i>	$7\frac{1}{2} \times 1\frac{5}{8}$	✓	CONSETT	IRON BAR
STEM	$7\frac{1}{2} \times 1\frac{5}{8}$	✓	CONSETT.	
STERN FRAME {	Propeller Post <i>FORGED</i>	7×3	✓	T. S. FORSTER & SONS
	<i>SCRAP STEEL</i>	"		
	Rudder	7×3	✓	SUNDERLAND
Speed of Vessel	<i>12 KNOTS.</i>	✓		
RUDDER—Type	<i>UNBALANCED.</i>	✓		
"	A x D <i>40.3928</i>	$2.31 = 93.30$	✓	
"	Diam. of head <i>FORGED</i>	$5\frac{1}{2} \times 11\frac{1}{2}$	✓	T. S. FORSTER & SONS
"	<i>SCRAP STEEL</i>	"		
"	Mainpiece at top pintle	6×4	✓	SUNDERLAND.
"	"	"		
"	heel	3×4	✓	
"	how constructed	<i>FORGED FRAME, DOUBLE PLATE.</i>		
"	double or single plate	$\cdot 30$	✓	
"	coupling, vertical or horizontal	<i>HORIZONTAL.</i>	✓	

		Plating Thickness.	STIFFENERS.				
			VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKH'D,	Upper tween decks						
"	" Second "						
"	" Third "						
"	" Holds						
COLLISION	(in Hold)						
AFTER PEAK	"						

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *OPEN HEARTH PROCESS.*
CONSETT IRON CO, NORMAN LONG CO, APPLICAB FROTHINGHAM STEEL CO.
Has the Steel been tested as required by the Rules? *YES.*

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.)

THIS VESSEL IS A SISTER VESSEL OF THE S. T. "AKITA" FIRST ENTRY REPORT N^o 50041 HULL.

PARTICULARS OF ELECTRIC WELDING (if employed)

EMPLOYED IN WAY OF OIL FUEL BURNERS AS PER PLAN APPROVED.

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

✱ 100 H.P. STEAM TRAWLER.
CRUISER STERN.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	ANCHOR N ^o WEIGHT. SURVEYOR. N ^o OF CERT. DATE OF TEST.					
	1st Bower	52635	4-1-12	HEG.	5274	28-3-39.
	2nd "	52636	4-0-6	HEG.	5276	28-3-39.
	3rd "	✓				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 75.0 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. 167797 Signal Letters Extreme Breadth over Belting 24.83 Over-all Length 143.75
(Circ. 1611) (Circ. 1709)

No. and Material of Decks 1 Dth
Parts of Bottom of Vessel coated with cement or approved composition CEMENT FISH ROOMS AND 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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	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,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	✓	✓	Other tanks, if fitted, BALLAST TANKS UNDER CHAIRS FEET 1 PORT. 1 STERN	10.5	6.75 T
Total length (if continuous) and Capacity	✓	✓	(If necessary, furnish further information by sketch.)		FOR BOT TANK

Order for Special Survey No. 3185

Date. 3rd July 1939.

Dates of Surveys held while building

1939. JUNE 28, JULY 4, 7, 14, 25, 28, AUG. 2, 17, 22, 29, SEP. 4, 8, 14, 22, 29, 29, OCT. 6, 11, 16, 20, 27, 31, NOV. 8, 13, 20, DEC. 1, 19, 22. 1940. JAN 1, 6, 8, 9.