

## STEEL STEAMER OR MOTORSHIP (TRAWLER)

Received at London Office

28 OCT 1947

State if Report has been sent on the Freeboard of the Vessel. Yes.State if Report is sent on the Machinery of the Vessel. Yes.Date of completion of report 1st October 1947Port of HullNo. 5466Survey held at Selly and HullDate First Survey 13th June 1946Last Survey 1st October

1947

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

Steel Single Screw Steam Trawler "ELLIDI"

RAISED QUARTER DECK

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

Full Scantling

State Type of Erections &amp; WHALEBACK FIGLE.

TONNAGE under Tonnage Deck ...

526.88CLASS \* 100 A.1.  
"STEAM TRAWLER"State if with freeboard as condition of Class No.Built at Selly

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

Length from fore part of stem to after part of stern 175'

FEET

Launched 25th November 1946 Yard No. 1325

Total

526.88

Breadth (greatest moulded)

30'Builders Cochrane & Sons Ltd

Gross Tonnage

642.22

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

16'Owners The Icelandic Government

Register Tonnage

215.97

1st Longitudinal Number (L x D)

2800

Managers

(Where necessary to be entered in Reg. Book)

## REGISTERED DIMENSIONS.

FEET

Length

177.7

Breadth

30.1

Depth

15.2

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

15.25'

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

10.94

Do. Long Bridge to top of keel

10.29

Draught Moulded

14' 5 1/2"

Residence

Port of Registry SIGLUFJÖRDUR

If surveyed while building, afloat, or 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	20 1/2	✓	Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead	17 1/2	✓	" " Reversed Frame		
" " in peaks	17 1/2	✓	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	37" x 30"	✓
Frame Amidships, Angle, <u>E</u> or <u>F</u>	5 3 40	✓	" " top Angle (SINGLE)	3 3 30	✓
" " Extends up to <u>UPPER &amp; R.Q. DECKS</u>			" " bottom Angle	WELOED TO BAR KEEL	✓
Reversed Frame Amidships, Angle	3 3 38	✓	Side Girders, No. each side and thickness	TWO - 30	✓
" " Extends up to <u>ACROSS FLOORS</u>			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, <u>C</u> or <u>F</u>			" " Bracket abaft 1/4 len. from stem		
" " Second 'tween Decks, Angle, <u>C</u> or <u>F</u>			" " Vertical Angle to Tank side		
" " Third " " " "			" " Bracket from forward 1/4 len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from Stem			" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " in Peaks, Angle or <u>C</u>	5 3 40	✓	" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 - 5/4	✓	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?			Breadth and thickness of Middle Line Strake	66" x 30	✓
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	30	✓
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	21" x 40" IN WAY OF O.F. BUNKERS. 19" x 43" " - BLR. RM. 50" " - ENG. RM.	✓	BEAMS.		
Height of Brackets at side above base line at toe of frame	NONE	✓	Uppermost Continuous Deck, amidships in Wells, Angle, <u>E</u> or <u>F</u>	6 1/2 3 46	ON ALT. FR.
Middle Line Keelson, on Floors, Angles	12 x 4 x 1/2 x 36 LBS	✓	" " in way of Bridge, Angle, <u>E</u> or <u>F</u>	6 3 36	" EVERY FR.
" " Through Plate or Inter-costal Plate			" " Spacing		✓
" " Foundation Plate on Floors			Second Deck, amidships, Angle, <u>C</u> or <u>F</u>		
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side	ONE (FORWARD)	✓	Third Deck, amidships, Angle, <u>C</u> or <u>F</u>		
BILGE KEELSON FORWARD	5 4 48 5 4 52 5 4 40 5 3 37 5	✓	Spacing		
" " thickness of Inter-costal Plate			Fourth Deck, amidships, Angle, <u>C</u> or <u>F</u>		
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, <u>C</u> or <u>F</u>		
Solid Floors, thickness and spacing	40 EVERY FR.	✓	Spacing		
" " Are Frame and Reversed Frame joggled?		✓	Bridge Deck, Angle, <u>C</u> or <u>F</u>		
Bracket Floors, breadth and thickness at middle line		✓	Spacing		
" " breadth and thickness at margin plate		✓	Forecastle Deck, Angle, <u>E</u> or <u>F</u>	4 1/2 3 40	✓
			Spacing		30



# 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			
FORWARD ACCOMMODATION	3 1/4" DIA. - 6'-0"			
in 'tween Decks, Size and Spacing				
UNDER MAST	3-3 1/2" - 2'-3"			
in Holds (FISH ROOM)	4 - 3" DIAM.			
Centre Line Bulkhead.				
Stiffeners and Spacing				
Plating, thickness of				
STRINGERS AND DECKS.				
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Wells	50" x 35"			
R.Q. DECK	69" x 35"			
in way of Bridge				
Angle in Wells	3 3 40			
Thickness of Plating abreast Deck openings in way of Wells	38			
Thickness of Plating abreast Deck openings in way of Bridge	TIE PL. 11" x 38			
Thickness of Plating within line of openings	30			
If Sheathed, material and thickness	DOUGLAS FIR 3"			
Second Deck.				
Stringer Plate, breadth and thickness in Wells				
Stringer Plate, breadth and thickness in way of Bridge				
Thickness of Plating abreast Deck openings in way of Wells				
Thickness of Plating abreast Deck openings in way of Bridge				
Thickness of Plating within line of openings				
If Sheathed, material and thickness				
Third Deck.				
Stringer Plate, breadth and thickness				
If Plated, state thickness				
Fourth Deck.				
Stringer Plate, breadth and thickness				
If Plated, state thickness				
Poop Deck.				
Stringer Plate, breadth and thickness				
Plating, Sheathing, material and thickness				
Bridge Deck.				
Stringer Plate, breadth and thickness				
Plating, Sheathing, material and thickness				
Forecastle Deck.				
Stringer Plate, breadth and thickness	30" - 12" x 31"			
Plating, Sheathing, material and thickness	30 375			
UNDER WINDLASS				

## SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.	
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.
	Breadth.	Thickness.	Thickness.	Thickness.					
GARBOARD	Inches.	Inches.	Inches.	Inches.					
Flat Plate Keel	37 1/2	50	46	46		DOUBLE	3/4 5R	3-2	3/4 2 7/8 STRAPPED
Dblg. (if any)									
Bottom Plating, No. of Strakes	64 1/2	44	40	40		DOUBLE	3/4 5R	2	3/4 2 7/8 LAPPED
Bilge Plating, No. of Strakes	60	44	40	40		"	"	"	"
Side Plating, No. of Strakes	59 1/2	44	40	40		"	"	3-2	"
Upper Deck, Sheer-strake in Wells	45	62 1/2	50	50		"	7/8	3-2	7/8 3/8 STRAPPED
Upper Deck, Sheer-strake in Bridge									
Strake below Sheer-strake in Wells	55	44	40	40		DOUBLE	3/4 5R	3-2	3/4 2 7/8 LAPPED
Strake below Sheer-strake in Bridge									
Poop Side Plating									
Bridge Side Plating									
Forecastle Side Plating	62	31				SINGLE	3/4 3	SINGLE	3/4 2 7/8 STRAPPED

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel	For Records	O.T. BULKHEADS
Extending to Upper Deck (Sec. 3 c)	3	2
Deck next below		
As per Rule	3	

## STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
O.T. MIDSHIP BULKHEAD, Upper 'tween decks		7 x 3 = 38 1/2	24"	13 x 34 PL.	9'-0"
" " Second		6 x 3 = 40 1/2	24"	"	"
" " Third		6 x 3 = 30 5/8	30"	"	"
W.T. " " Holds		3 x 3 = 30 1/2	24"	"	"
" " (in Hold)		5 x 3 = 30 5/8	24"	"	"
COLLISION " "		3 1/2 x 3 = 30 1/2	30"	"	"
AFTER PEAK " "		4 x 3 = 40 1/2	24"	"	"

## FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	FLAT BAR	8" x 2"	APPLEBY-FRODINGHAM STEEL CO. LD.	
STEM	"	8" x 2"	"	
STERN FRAME	Propeller Post	FORGING 8" x 4"	T.S. FORSTER & SONS LTD	
Rudder	"	8" x 4"	"	
Speed of Vessel		UNDER 14 KNOTS		
RUDDER—Type		DOUBLE TYPE		
A x D		183.54		
Diam. of head	FORGING	7 3/4"	T.S. FORSTER & SONS	
Mainpiece at top pintle	"	7 7/8 x 6 1/2"	"	
" heel	"	4 x 6 1/2"	"	
how constructed		FORGED & BUILT		
double or single plate		DOUBLE PLATE		
coupling, vertical or horizontal		HORIZONTAL		

## 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:- DORMAN, LONG & CO LD: APPLEBY-FRODINGHAM STEEL CO. LD. CONSETT IRON CO. LD.

SECTIONS:- " " " " " " SKINNINGROVE IRON 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.)

The approved plans are being retained for reference in dealing with sister-vessels under construction.

The following forging & casting reports are enclosed herewith:-

Rudder frame & rudder head.	Std. Rpt. No. 8053.
Stem frame.	" " " 7847
Stem foot.	" " " 6817.
One tiller & trunnion.	" " " 6887.

An echo sounding device has been fitted

A "soft nose" mild steel stem is fitted & extends from approx. the 8 ft draft mark to forecastle deck. Plating .50 thick & adequately stiffened with webs & breast hooks.

This vessel is a sister ship to "BJARNI RIDDARI", Hull Rpt. No. 54371.

Copy of Provisional Load Line Certificate and Intern. Certificate (H) enclosed herewith.

#### PARTICULARS OF ELECTRIC WELDING (if employed)

O.T. bulkhead on frame No. 49 welded throughout.  
Tank top & cabin flat welded to shell.  
Centre girder welded to bar keel.  
Lips of ducts welded.  
Approved electrodes employed on this work.

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

± 100 A.I.

STEAM TRAWLER

D.F. E.S.D. CRUISER STERN

1st trial run 10-7 FP above 150° F.

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

1st Bower

2nd "

3rd "

8-2-16 inch pins.

8-2-14 " "

A.E.G.

A.E.G.

8303.

8420.

21.1.46.

31.1.46

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop. 92.3 ft., R.Q.D. 92.3 ft., Bridge. 33.7 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 (Circ. 1611)

Over-all Length (Circ. 1703)

No. and Material of Decks

One wood deck with string plates & tie plates

Parts of Bottom of Vessel coated with cement or approved composition

coated with cement. Peaks coated with bituminous solution.

Particulars of composition (if fitted) and of approval

#### 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,			
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. 3507

Date 21st December 1945

Dates of Survey's held while building

1946:- June 13. July 8. 10. 12. 18. 24. 30. Aug. 2. 8. 21. 23. 28. Sept. 11. 13. 18. 27. Oct. 1. 3. 9. 11. 18. 22. Nov. 8. 12. 15. 22. 25. Dec. 6. 10. 20. 24. 1947:- Jan. 3. 20. 23. 27. 31. Feb. 13. 21. Mar. 14. April 25. May 2. 16. July 14. 17. 21. 24. 28. 30. Aug. 14. 25. Sept. 3. 9. 15. 22. 26. Oct. 1.

Total No. of Visits 56.