

Rpt RECEIVED

3 JUL 1951

IN D.O.

STEEL STEAMER OR MOTORSHIP.

29 JUN 1951
Received at London Office.State if Report has been sent on the Freeboard of the Vessel yesState if Report is sent on the Machinery of the Vessel yesDate of completion of report 20-6-1951Port of AberdeenNo. 23138Survey held at AberdeenDate First Survey 19-12-1949Last Survey 15-6-1951On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) single screw steam trawler "DROFN," now "JON BALDVINSSON"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full ScantlingState Type of Erections Feiler & P.O. DeckTONNAGE under Tonnage Deck ... 544.18CLASS STEAM F100A1 TRAWLERState if with freeboard as condition of Class No

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

Total 544.18Gross Tonnage 680.77Register Tonnage 230.22Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 183.5Breadth (greatest moulded) B 30.0Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 16.01st Longitudinal Number (L x D) 29362nd Numeral L x (B + D) 8441Framing Depth "d," at middle of length. See Sec. 3 (1d) 11.47Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.47Do. Long Bridge to top of keel 14'-5"Draught Moulded 14'-5"Built at AberdeenLaunched 28-8-1950 Yard No. 826Builders Thos. Hall Russell & Co. Ltd.Owners Government of IcelandManagers ✓

(Where necessary to be entered in Reg. Book)

Residence ✓Port of Registry Reykjavik

If surveyed while building, afloat, or in dry dock

Yes undocked 4th May, 1951.

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 ✓ 21 ✓		Bracket Floors, Frame	✓	
" " from 1/2 length amidships to Collision bulkhead	17 1/2 ✓		" " Reversed Frame	✓	
" " in peaks	21 ✓		" " Vertical Strake	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	36 ✓ 30 ✓	
Frame Amidships, Angle, E or F	5 3 .40 ✓		" " top Angles	welded direct to T.T.	
" " Extends up to	U. & R. Q. D.K. ✓		" " bottom Angles	welded direct to keel	
Reversed Frame Amidships, Angle	3 3 .38 ✓		Side Girders, No. each side and thickness	✓	
" " Extends up to	STRAIGHT ACROSS ✓		Margin Plate depth (excl. of flange) and thickness	.30 ✓	
Depth of Framing Girder	5 ✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	✓	
FRAMES IN O.F. TANKS AMIDSHIPS.	4 3 .30 ✓	TOE ON.	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	✓	
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
" " Second 'tween Decks, Angle, E or F	✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	✓	
" " Third	✓		Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
" " from 1/2 len. for'd. to 15% len. from Stem	5 3 .40 ✓	BA.	INNER BOTTOM PLATING.		
" " in Peaks, Angle or F	4 1/2 3 .40 ✓	OA.	Breadth and thickness of Middle Line Strake	.30 ✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 ✓ at 5 1/4 ✓		Thickness of remainder in Holds	.30 ✓	
State if Frame Joggled	yes ✓		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?	not applicable	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	yes ✓		BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	yes ✓		Uppermost Continuous Deck, amidships in Wells, Angle, E or F	7 3 .40 ✓	
SINGLE BOTTOM.			" " in way of Bridge, Angle, E or F	4 3 .26 ✓	toe on
Floors, Depth and thickness at mid-line in Holds	19 x .40 ✓		Spacing	alt. for except in way of O.F. tanks	
Height of Brackets at side above base line, toe of frame	✓		Second Deck, amidships, Angle, E or F	5 3 .38-34 ✓	
Middle Line Keelson, on Floors, Angle, E or F	12 4 36 ✓		Spacing	alt. for except in way of O.F. tanks	
" " Through Plate or Intercoastal Plate	✓		Third Deck, amidships, Angle, E or F	4 1/2 3 .32 ✓	
" " Foundation Plate on Floors	✓		Spacing	every frame	
" " Flat Plate Keel Angles	✓		Fourth Deck, amidships, Angle, E or F	✓	
Side Keelsons, No. each side	one in B.R.		Spacing	✓	
" " thickness of Intercoastal Plate	✓		Poop Deck, Angle, E or F	✓	
" " Angles	5 4 .52 ✓		Spacing	✓	
DOUBLE BOTTOM.			Bridge Deck, Angle, E or F	✓	
Solid Floors, thickness and spacing	30 every frame ✓		Spacing	✓	
" " Are Frame and Reversed Frame joggled?	yes ✓		Forecastle Deck, Angle, E or F	4 1/2 3 .40 ✓	
Bracket Floors, breadth and thickness at middle line	✓		Spacing	every frame	
" " breadth and thickness at margin plate	✓				

(MADE IN ENGLAND.)

002071-002078-01581/2

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	as approved.			
" " " " " forward. in 'tween Decks, Size and Spacing	2½ dia. as approved. ✓			
" " " " "	-			
" " " " " in Holds " " "	3½ dia. ✓			
" " " " "	-			
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.D. in way of Bridge	50 x .35 ✓			
" Angle in Wells	3 3 .40 ✓			
Thickness of Plating abreast Deck openings in way of Wells	12 .40 tie plates. ✓			
Thickness of Plating abreast Deck openings in way of Bridge R. Q. D.35 ✓			
Thickness of Plating within line of openings...	.26 .30 ✓			
If Sheathed, material and thickness.....	3" wood deck ✓			
Second Deck. forward.	Plated .26, .30. ✓			
Stringer Plate, breadth and thickness in Wells	athwartships. 15 x .30. ✓			
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...			.30 ✓	
If Sheathed, material and thickness.....	composition ✓			wood. ✓
Third Deck.				
Stringer Plate, breadth and thickness...	plated athwartship. 15 x .30 ✓			
If Plated, state thickness30 .26 ✓			
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.....	.31 ✓			radius plate
Plating, Sheathing, material and thickness...	.30 not sheathed. ✓			

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	No.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					SINGLE OR DOUBLE.	RIVETS.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.	Inches.	Inches.	
Flat Plate Keel.....	✓										
„ Dblig. (if any)	✓										
Bottom Plating, No. of Strakes 3	A 54 B 53 1/2 C 53 1/2	.50 ✓ .44 ✓ .44 ✓	.46 ✓ .40 ✓ .40 ✓	.46 ✓ .40 ✓ .40 ✓		2R ✓ " ✓ " ✓	3/4 ✓ " ✓ " ✓	0-1, 20-38, 57-78. 1-20, 38-59. 78 forward.	3R-2R ✓ 2R ✓ " ✓	3/4 ✓ " ✓ " ✓	strapped & lapped ✓ " ✓ " ✓
Bilge Plating, No. of Strakes 1	D 55	.44 ✓	.40 ✓	.40 ✓		" ✓	" ✓	" ✓	" ✓	" ✓	" ✓
Side Plating, No. of Strakes 1	E 55	.44 ✓	.40 ✓	.40 ✓		" ✓	" ✓	" ✓	3R-2R ✓	" ✓	" ✓
Upper Deck, Sheer-strake in Wells..... G	59 ✓	.625 ✓	.50 ✓	.50 ✓	.725 at break.	bulwark beam	" ✓	" ✓	3R-2R ✓	" ✓	strapped ✓
Upper Deck, Sheer-strake in Bridge ...											
Strake below Sheer-strake in Wells..... F	54	.44 ✓	.40 ✓	.40 ✓	.625 at gallows.	2R ✓	" ✓	5 pairs between fr. 0-1, 20-38, 57-78. 6 ✓	3R-2R ✓	" ✓	lapped ✓
Strake below Sheer-strake in Bridge ...											
Poop Side Plating.....											
Bridge Side Plating.....											
Forecastle Side Plating			.31 ✓			1R ✓	3/4 ✓		1R ✓	3/4 ✓	strapped & lapped ✓

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c).....4 ✓

„ 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>Rolled</i>	<i>8" x 2"</i> ✓		
STEM	"	<i>8" x 2"</i> ✓		
STERN FRAME {	Propeller Post	<i>Forging 8" x 4"</i> ✓	<i>{ Wolverhampton Steel Co. Ltd. Co. Durham</i>	
{	Rudder	<i>and fabricated as approved</i>		
Speed of Vessel		<i>12 knots.</i> ✓		
RUDDER—Type		<i>ordinary.</i>		
" A x D		<i>161' 9"</i> ✓		
" Diam. of head		<i>7 3/4" (7" Rule).</i>		
" Mainpiece at top pintle		<i>12 3/4" x .50 tube</i>		
" " heel		" " ✓		
" how constructed		<i>fabricated M.S.</i>		
" double or single plate		<i>double .40</i> ✓		
" coupling, vertical or		<i>Horizontal 6-2 1/2" fitted bolts.</i>		
" horizontal				

				Plating Thickness.	STIFFENERS.			
					VERTICAL.		HORIZONTAL.	
					Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D,		Upper 'tween decks						
"	"	Second	"					
"	"	Third	"					
"	"	Holds FRS. 38-50	"	.36 ✓ .26 ✓	6"x3"x34" 5"x3"x34" 4"x3"x30"	24" ✓ 18" ✓	15"x34" at ½ Hr.	
COLLISION	"	(in Hold) FRS. 103-5	"	.30 ✓ .26 ✓	4"x3"x30" 3"x2"x38 FLATS. 4"x3"x30"	24" ✓ 24" ✓	2nd. Deck	
AFTER PEAK	"	FRS. 6 to 9 FOR P.O.	"	.45 ✓ .26 ✓	3"x2"x28" FLATS. 5½"x34 FLATS.	30" ✓ 24" ✓	2nd. Deck	
				NOTE. FLAT FRS. 6-16 NOT MET ANKING & DISCHARGES & DISC.				

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth.*
Dorman Long. Bonsett Iron Co. Steel Co. of Scotland. Lanarkshire Steel Co.
Baird's Scottish Steel. Colvilles.
Has the Steel been tested as required by the Rules? *yes.*

ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
30752	1st Bower ...	14	3	0	—	—	—	16	5	2	14	14½	Byen Improved Type, cast Steel Head.	—	LPH-LW. 28-4-1950 R. J. VOGAN.
30553	2nd „ ...	13	3	0	—	—	—	15	8	0	14	13		—	LPH-LW. 18-1-1950 R. J. VOGAN.
	3rd „ ...														
	Collective weight											27½	Ordinary Pattern, Elec. welded.		
69216	Stream	4	3	0	1	0	24	7	2	2	0	4¾		—	LPH-CH. 28-4-1950 H. PHILLIPS

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.	
			Statutory.	Breaking.	Supplied.		Per Rule.		Length.	Diam.					Length.	Cir.		Fathoms.	Inch.
	Length.	Diam.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Inch.					Fathoms.	Inch.	Fathoms.	Inch.	
80516	195	1 7/8	31	462	173	1.	8.	145 1/2	165	5 1/8	stud link.	—	LPH - CH. 16-8-1950 H. PHILLIPS.	TOWLINE	60	6	steel	60	6
		Cir.									Cir.			"	60	6	rope	60	6
Iron Stream Chain or Steel Wire														"					

Gear, Type (Power or hand) Electric hydraulic by Denkin 8 BHP Alternative Means of Steering Hand hydraulic

Chains (Size and Test) telemotor control Windlass Electric by Blake Chapman 23 BHP Boats 2 wood lifeboats

in Holds, thickness and material cement in fish room Cargo Battens, thickness, material and spacing 2" close ceiling in fishroom

Hatchways.—(Upper Deck) steel plates and sections Thickness of Hatches 3" wood, .25" steel

Hatchways No. 1 (Fwd.) 3'-9" x 3'-9" No. 2 3'-9" x 3'-9" No. 3 5'-0" x 3'-9" No. 4 5'-0" x 3'-9" No. 5 6'-6" x 3'-9" No. 6 ✓

of Shifting Beams }
Fore and Afters } none

Builder's Signature

Director & General Manager

AL 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 yes ✓
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo never at all ✓ 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).

Fuel tanks frs. 38-50. capacity 205.6 tons. Oil fuel tanks frs. 87-95, capacity 28.4 tons. F.P. above 150°F.
Oil tanks frs. 27-35 S, 28-36 P, frs. 93-95, capacity 17.87 tons. F.P. above 150°F.
Oil tanks frs. 9-16 and stern, capacity 32.1 tons.

is vessel has been built under special survey in accordance with the Society's Rules and Regulations and the Secretary's letters. The scantlings and arrangements of the ship are as given in the report as shown and amended on the approved plans now forwarded. All modifications or additions to the above approved arrangements made during construction have been indicated on the plans, and have been approved as being in accordance with, or by standards equivalent to, the Rule requirements. The plans of Midship Section and Profile & Decks showing the ship as built, now forwarded herewith, have been checked with the approved arrangements and found in order. The materials and workmanship are good.

The amount of Entry Fee..... £	✓	:	} Fees applied for, 25. 6. 19 57
Special Survey Fee..... £	139	: 0 : 0	
Travelling Expenses, if any	£	✓ :	
			Received by me, 19

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed 2 100 A1
Steam Trawler

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

Signature William Alcorn.
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Aberdeen Date of issue 2/8/51

Committee's Minute

Character assigned +X00A1

Lloyd's A.C.P.

+ LMC 16.51

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15B. (Spt) - 225 lb. F.D.
Fitted for oil fuel 6.51. F.P. above 150° F.

002071-002078-0158²/₂

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 oil fuel tanks, diesel oil tanks, liver oil tanks, D.B. tanks, fore and aft peaks tested as required by the Rules and found satisfactory.
The weather decks, casings and watertight bulkheads hoist tested and found satisfactory.
The windlass and steering gear tried under working conditions and found satisfactory.
Pumping arrangements tried, found satisfactory. Watertight door tried, found satisfactory.

The vessel was drydocked on 2nd May 51, keel and bottom and rudder cleaned and recoated, undocked, 4th May, 1951.

This vessel is a sister ship to "Hefna" Aberdeen Rpt. No. 23066, and to "Glaful Johannesson", Aberdeen Rpt. No. 23067, yard nos. 824 & 825 respectively, plans for which were forwarded with the Reports, and apply to this vessel.

Plans of Midship Section and Profile & Decks (as fitted) are forwarded herewith.
The following certificates are forwarded herewith: Sternframe, rudder, tiller and trunnion.

PARTICULARS OF ELECTRIC WELDING (if employed)

Centre girder to keel & tank top, garboard strake flats to keel, floor connections to centre girder, tank margin to shell, side stringers to shell, seams & butts of shell plating in way of midship O.F. tanks, frames to shell in way of midship O.F. tanks, O.T. bulkheads, deck beams, deck plating butts & seams in way of O.F. tanks, liver oil tank bulkheads, lower deck plating & shell connection forward & aft, sternframe, rudder and other minor details.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. Fitted for oil fuel 6.51, oil fuel F.P. above 150°F, Lloyd's A+C.P., bruiser stern, Echo sounding Device, Direction Finder, Radar, type 155B, by Decca Navigator Co.

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

1st Bower	9. 3. 0	AEG.	3127.	20. 10. 49.
2nd "	9. 1. 21	AEG.	537.	9. 7. 48.
3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 94.3 ft., R.Q.D. 94.3 ft., Bridge 33.6 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 30'-5" Over-all Length 198.8' (Circ. 1611) (Circ. 1703)

No. and Material of Decks One, steel tie plated and 3" Oregon Pine.

Parts of Bottom of Vessel coated with cement or approved composition bottom cemented throughout except in way of O.F. tanks.

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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	10.5	3.9
Double bottom, under Engines and Boilers,			After peak tank,	10.4	dry
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	11.65	0.5
Double bottom, forward,	56.7	64.75	Other tanks, if fitted, <i>See also tanks fwd of main</i>	21	0.5
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 2059

Date 30. 12. 48.

Dates of Surveys held while building

1949. Dec. 19.
1950. Mar. 30. Apr. 14. 21. May. 12. 16. 31. June 16. 26. July 26. 27. Aug. 4. 8.
9. 11. 16. 17. 18. 22. 23. 28. Nov. 20.
1951. Jan. 19. Feb. 8. Mar. 6. 14. 22. Apr. 4. 6. 11. 12. 24. May 3. 4. 16. 17.
June 15.
Total No. of Visits 37.