

STEEL STEAMER ~~OR MOTORSHIP~~

Received at London Office APR 24 1940

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 12th April 40.

Port of Glasgow

No. 62223

Survey held at Paisley

Date First Survey 1939 June 1st.

Last Survey 5th April 1940

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

Single Screw Steamer BACCALIEU

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

Full Scantling

State Type of Erections Forecastle

TONNAGE under Tonnage Deck...

1060.58

CLASS

+100 A1

State if with freeboard as condition of Class

FEET.

Built at

Paisley

Launched 28th Nov. 1939 Yard No. 557

Builders Fleming & Ferguson Ltd.,

Owners Newfoundland Government (Newfoundland Railways Steamship Dept.)

Managers

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

Residence St. John's N.F.L.D.

Port of Registry St. John's N.F.L.D.

If surveyed while building, afloat, or in dry dock

Yes.

space or spaces between Tonnage Dk. Upper Dk.

1060.58

s Tonnage 1421.23

ster Tonnage 839.46

REGISTERED DIMENSIONS. FEET.

th 233.5

th 37.15

th 19.75

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

L 230.0

Breadth (greatest moulded)

B 37.0

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

D 22.0

1st Longitudinal Number (L x D) = 5060

2nd Numeral L x (B + D) = 13570

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

11.33

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

10.45

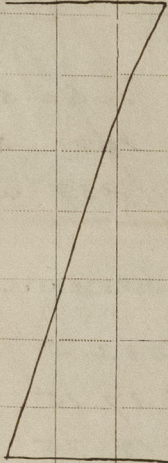
Do. Long Bridge to top of keel

Draught Moulded 18'-7 1/2"

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.
MES, Spacing amidships	24 ✓		Bracket Floors, Frame	6 3 1/2 34 5 1/2 x 3 1/2 x 38	
" " from 1/2 length amidships to Collision bulkhead	12		" " Reversed Frame	5 1/2 3 34 5 x 3 x 38	
" " in peaks	24 12		" " Vertical Struts	5 1/2 3 34 5 x 3 x 38	
E FRAMING.			Centre Girder, depth and thickness amidships	36 41	
Frame Amidships, Angle	6 1/2 3 42	See plan 43 appd on profile	" " top Angles	3 3 37	
" " Extends up to	Upper dk.		" " bottom Angles	3 1/2 3 1/2 41	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	one 30	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	24 37	
Depth of Framing Girder	6 1/2 - 7 - 8 1/2	8 1/2 as per plan	" " Vertical Angle to Tank side	when oil fuel 40	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	6 1/2 3 43		" " Bracket abaft 1/2 len. from stem	3 3 32	
" " Second 'tween Decks, Angle, [or]	✓		" " Vertical Angle to Tank side	5 5 32	
" " Third " " " "	✓		" " Bracket from forward 1/2 len. from stem to Panting Area	tank level	
" " from 1/2 len. for'd. to 15% len. from Stem	7 3 1/2 38	B.F. ✓ B.F. 6 1/2 x 3 1/2 x 48	" " Gussets, spacing and scantling abaft 1/2 len. from stem	42 all fr in B.F. ✓	
" " in Peaks	6 3 32		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	tank level	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 @ 5 1/4		Tank Side Brackets, height above base line at toe of Frame and thickness	52 x 32	
State if Frame Joggled	Yes ✓		INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes ✓		Breadth and thickness of Middle Line Strake	44 x 38	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes ✓		Thickness of remainder in Holds	when oil fuel 40	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	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?	Yes ✓	
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, [or]	6 3 32	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [or]	✓	
Middle Line Keelson, on Floors, Angles, [or]			Spacing	24	
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, [or]	5 1/2 3 34	
" " Foundation Plate on Floors			Spacing	24	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, [or]		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercoastal Plate			Fourth Deck, amidships, Angle, [or]		
" " Angles			Spacing		
POOP DECK, Angle, [or]			Bridge Deck, Angle, [or]		
Spacing			Spacing		
Solid Floors, thickness and spacing	32 8 ft. ✓		Forecastle Deck, Angle, [or]	6 1/2 3 38	
" " Are Frame and Reversed Frame joggled?	Yes ✓		Spacing	48	
Bracket Floors, breadth and thickness at middle line	27 32				
" " breadth and thickness at margin plate	27 32				

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	✓		
„ in 'tween Decks, Size and Spacing.....	3" @ 8 ft	✓		Thickness of Plating abreast Deck openings in way of Wells	sk.		
„ " " " " "				Thickness of Plating abreast Deck openings in way of Bridge	plating 30 ✓		
„ in Holds " "	3 1/2 @ 4 ft	✓		Thickness of Plating within line of openings...	28 where sketched ✓		
„ " " " " "				If Sheathed, material and thickness	5" x 2 1/4" teak in way of access ✓		
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	45 34	✓		If Plated, state thickness			
„ „ „ „ in way of Bridge	✓			Poop Deck.			
„ Angle in Wells	3 1/2 3 1/2 34	✓		Stringer Plate, breadth and thickness			
Thickness of Plating abreast Deck openings in way of Wells	sk.			Plating, Sheathing, material and thickness ...			
Thickness of Plating abreast Deck openings in way of Bridge	plating 30	✓		Bridge Deck.			
Thickness of Plating within line of openings...				Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness	5 x 2 1/2 teak	✓		Plating, Sheathing, material and thickness ...			
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells	42 34	✓		Stringer Plate, breadth and thickness.....	30	✓	
„ „ „ „ „	where sheathed 32	✓		Plating, Sheathing, material and thickness ...	partial 30 sheathing 5 x 2 1/2 teak	✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				EDGES.		BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.	State if jogged?	RIVETS.	No. of Rows of Rivets.	RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing or to cr.
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	Inches.
FLAT PLATE KEEL	43	54	54	54	Double	7/8	3 3/7	Treble	7/8 3 1/8
„ DBLG. (if any)	✓								
BOTTOM PLATING, No. of Strakes		44	62	38	„	3/4	3	„	3/4 2 5/8
BILGE PLATING, No. of Strakes		44	62	38	„	„	„	„	„
SIDE PLATING, No. of Strakes		44	62	38	Single & Double	„	„	„	„
UPPER DECK, Sheer-strake in Wells.....	46	50	50	38	Single	„	„	„	„
UPPER DECK, Sheer-strake in Bridge ...	✓								
STRAKE BELOW Sheer-strake in Wells.....		47	47	38	„	„	„	„	„
STRAKE BELOW Sheer-strake in Bridge ...									
POOP SIDE PLATING									
BRIDGE SIDE PLATING ...									
FORECASTLE SIDE PLATING			31		Single	3/4	3	Single	3/4 2 5/8

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	6
Extending to Upper Deck (Sec. 3 c)	6
„ Deck next below	✓
As per Rule <i>appd</i>	6

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL , Bar		flat plate	✓	
STEM		7 1/2 x 2 1/2	✓	
STERN FRAME	Propeller Post	8 3/4 x 5 1/2	Forster	✓
	Rudder „	8 3/4 x 5 1/2	Sons.	✓
Speed of Vessel		13 knots	✓	
RUDDER —Type.....		Ordinary	✓	
„ A x D		225.2	Forster	✓
„ Diam. of head	Forging	8 3/4	Sons.	✓
„ Mainpiece at top pintle	Forging	9 1/4 x 6 1/4	✓	
„ „ heel ...		6 1/2 x 4 3/4	✓	
„ how constructed		Forged	✓	
„ double or single plate		double 3/8	✓	
„ coupling, vertical or horizontal.....		horizontal	✓	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D , Upper tween decks	No. 36	27-26	4 x 3 x 38	30	✓
„ „ Second „	✓				
„ „ Third „	✓				
„ „ Holds		36-27	6 x 3 x 36	30	✓
COLLISION „ (in Hold)		37-30	8 x 3 x 39	34	flat
AFTER PEAK „ „ No. 4		38-30	6 x 3 x 33	24	flat
		26	4 x 3 x 30	30	✓

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth* ✓
Colvilles Ltd. - Steel Co. of Scotland - Lanarkshire Steel Co. - South
Durham S & I. Co. - Dorman Long.
 Has the Steel been tested as required by the Rules? *Yes.* ✓

EQUIPMENT No. 13570										LETTER 0	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.			
38908	1st Bower ...	30	3	14				29	5	2	14	2420	Stockless		LPHS 5 th July 1939 Norman
38909	2nd „ ...	30	3	14				29	5	2	14		do.		LPHS 5 th July 1939 Norman
38928	3rd „ ...	30	3	0				29	3	3	0		do.		LPHS 11 th July 1939 Norman
	Collective weight.	92	2	0								92			
52554	Stream	7	3	24	2	0	8	10	2	2	0	8	Iron stock		LPACH 27 th July 1939 Paul

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.	Cir.		Fathoms.	Ins.	Fathoms.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.								
59481	135 ⁷ / ₁₆	1 ¹ / ₁₆	51 ¹ / ₄	71 ³ / ₄	192-1-2			387-3-0	270	1 ¹ / ₁₆	Sted. Kendrick	LPCH 19 Oct. 1939	sw	90	3 ¹ / ₄	21.7	90	3 ¹ / ₄
59482	135 ⁷ / ₁₆	1 ¹ / ₁₆	51 ¹ / ₄	71 ³ / ₄	195-2-9						x Whole	Paul	TOWLINE...	90	6		90	6
											do.	do.	man. HAWSERS & WARPS }	90	5		90	5
													man.	90	5		90	5
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Steering Gear, Type (Power or hand) Steam. Reid & Sons Paisley Alternative Means of Steering Hand Gear. Reid & Sons Paisley

Steering Chains (Size and Test) Telemotor Gear Windlass Steam - Clark Chapman Boats Six

Ceiling in Holds, thickness and material 3" Spruce under hatches Cargo Battens, thickness, material and spacing 6" x 2" w.p. spaced 9"

Cargo Hatchways.—(Upper Deck) Steel plates + angles Thickness of Hatches 3" w.p.

Size of Hatchways No. 1 (Fwd.) 8' x 18' No. 2 10' x 18' No. 3 10' x 12' No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters 2 each hatch at Nos 1 + 2. ✓ 1 at No. 3. ✓ *Flaming & Ferguson, Limited*

Builder's Signature Chas. Fullis Secretary

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 Yes

(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, the Secretary's letters of various dates and in general conformity with the Society's Rules for the Class contemplated. The vessel has also been specially strengthened for navigation in ice, in accordance with the approved plans and the Rule requirements. The materials and workmanship are good. The vessel is constructed to carry oil fuel in Nos. 2 + 3 double bottom tanks and in deep oil fuel tanks at fore end of boiler room (7.P. above 150°F). All tanks, cofferdams, decks, bulkheads, tunnel and w.t. doors have been tested in accordance with the Rules, and the requirements of Sect. 20 of the Rules have been complied with where applicable. Windlass and steering gear tried under working conditions and found satisfactory. The freeboard has been verified and the freeboard markings cut in on vessel's sides.

The amount of Entry Fee £ 5 : 0 : 0 Fees applied for, 23 APR 1940 (Special notations, where part of class, to be stated.)

Special Survey Fee.... £ 142 : 2 : 0 Received by me, 30/4/40 R.P.B. I am of opinion the Vessel should be Classed + 100 A1

Freeboard. 30/4/40 "Strengthened for Navigation in Ice"

Travelling Expenses, if any £ 10 : 0 : 0 30 "Fitted for oil fuel 4.40 F.P. above 150°F."

State whether the Vessel has been built under Special Survey yes Signature W. Henderson & Self.

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Glasgow Date of issue 1/5/40


Committee's Minute GLASGOW 23 APR 1940 I.P.

Character assigned -1- 100 A1

Lloyd's A & C 4.40 -1- 100 H.40, Y.D.

Strengthened for Navigation in Ice

Fitted for oil fuel 4.40 F.P. above 150°F



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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.)

List of approved plans forwarded herewith.
(Midship Section as built forwarded in advance.)

- ✓ Midship Section
- ✓ do. Amended copy.
- ✓ Profile & decks.
- ✓ Sternpost & Rudder.
- ✓ W.T. & O.T. bulkheads.
- ✓ Promenade & Forecastle.
- ✓ Cruiser stern.
- ✓ E. & B. Casings & deckhouse
- ✓ Hatches
- ✓ Ice strengthening.
- ✓ Pumping plans.

3 Forging reports.

NOTE:—

Kindly return plans to this office for use in dealing with Sister vessel.

PARTICULARS OF ELECTRIC WELDING (if employed)

Tank top to shell aft and other items of minor importance only.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book "Strengthened for navigation in Ice" — Fitted for oil fuel 4,400-F.Palms 150°F. — Wireless — Cruiser Stern — 2 dkt. — Lloyd's A. & C.P. — E.S.D. — (P) — D.F.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	2nd	3rd
	19-1-0 — J.D. — 1908 — 1/5/39	18-3-0 — J.D. — 1929 — 9/5/39	18-3-7 — J.D. — 1864 — 20/3/39

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 35 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) 242'-2"
No. and Material of Decks 2 dkt.
Parts of Bottom of Vessel coated with cement or approved composition Cement in peaks. Bit. cem. in double bottom

Particulars of composition (if fitted) and of approval Brigg's

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,	34	31	Fore peak tank,		14
Double bottom, under Engines and Boilers,	42	76	After peak tank,	22	24
Double bottom, if under Engines only,	✓		Deep tank, aft,	✓	
Double bottom, if under Boilers only,	✓		Deep tank, forward,	✓	
Double bottom, forward,	96	90	Other tanks, if fitted,		
Total length (if continuous) and Capacity	172	197	(If necessary, furnish further information by sketch.)		

Total length of D.B. 176'

Order for Special Survey No. 6448

Date

10th May, 1939

Dates of Surveys held while building

1939 June 1, 6, 13, 16, 21, 23, 27, 30 July 10, 21, 24 Aug. 9, 14, 16, 18, 24, 30 Sept. 5, 12, 25, 27, 29 Oct. 2, 3, 4, 5, 6, 9, 11, 12, 13, 16, 17, 23, 25, 26, 31 Nov. 1, 2, 6, 8, 10, 17, 24, 27, 28 Dec. 1, 7, 15, 21, 27, 28
1940 Jan. 4, 9, 10, 17, 24 Feb. 5, 12, 14, 19, 21, 27 Mar. 8, 12, 15, 20, 22, 28 Apr. 1, 5

Total No. of Visits 71