

STEEL STEAMER ~~or MOTORSHIP~~

10 AUG 1942

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 23rd JUNE 1942 Port of VANCOUVER, B.C. No. 4764Survey held at NORTH VANCOUVER, B.C. Date First Survey 9th SEPT 1941 Last Survey 17th JUNE 1942On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) STEEL SINGLE SCREW STEAMER "FORT AUGUSTUS"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) C.S.S. WITH T.O. CLOSED. State Type of ErectionsTONNAGE under Tonnage Deck 6406.13

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

Total

Gross Tonnage 7133.43Register Tonnage 4258.13REGISTERED DIMENSIONS.
FEET.Length 424.8Breadth 54.2Depth 34.9

CLASS 100A.1. WITH State if with freeboard YES
~~FREEBOARD CORRESPONDING~~ condition of Class
TO A SUMMER DRAUGHT OF 26'-10"
 Length (from fore part of stem to after part of stern) L 416.00
 post on summer L.W.L. See Sec. 3 (1a)
 Breadth (greatest moulded) B 56.88
 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 34.33
TO SECOND DECK - 28'-58"
 1st Longitudinal Number (L x D) 15529
 2nd Numeral L x (B + D) 39191
 Framing Depth "d," at middle of length. See Sec. 3 (1d) 25'-08"
 Proportions—Depth to Length — Uppermost continuous deck to top of keel 11-14
 Do. Long Bridge to top of keel
 Draught Moulded 26'-86"

Built at NORTH VANCOUVER, B.C.Launched 21st FEB 1942 Yard No. 102Builders NORTH VAN. SHIP REPAIRSOwners MINISTER OF MARITIMES & SUPPLY OF CANADAManagers WATTS, WATTS & CO. LTD.
(Where necessary to be entered in Reg. Book.)Residence LONDON

Port of Registry

If surveyed while building, afloat, or in dry dock

BUILDING Afloat & in Dry Dock

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	30		Bracket Floors, Frame	—	
" " from 3/4 length amidships to Collision bulkhead	27		" " Reversed Frame	—	
" " in peaks	24		" " Vertical Struts	—	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43 1/2 x 54	54
Frame Amidships, Angle, [or]	12 x 4 x 4 x 47		" " top Angles	3 1/2 x 3 1/2	44
" " Extends up to	2 nd DECK.		" " bottom Angles	4 x 4	50
Reversed Frame Amidships, Angle	—		Side Girders, No. each side and thickness	ONE	
" " Extends up to	—		Margin Plate depth (excl. of flange) and thickness	6 3/2 x 44	
Depth of Framing Girder	12		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	WELDED TO	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	6 3/2 x 50		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	TANK SIDE BRACKETS	
" " Second 'tween Decks, Angle, [or]	—		" " Gussets, spacing and scantling abaft 1/4 len. from stem to Panting Area	10 1/2 x 40 (FL 27)	
" " from 1/2 len. for'd. to 15% len. from Stem	10 x 4 x 4 x 62 1/2		" " Gussets, spacing and scantling abaft forward 1/4 len. from stem to Panting Area	17 x 40 (FL 27)	
" " in Peaks, Angle, [or]	8 3/2 x 30		Tank Side Brackets, height above base line at toe of Frame and thickness	10 1/2 x 44	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 AT 6 1/2 DIAS.		INNER BOTTOM PLATING.		
State if Frame Joggled	No		Breadth and thickness of Middle Line Strake	8 1/2 x 48	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES		Thickness of remainder in Holds	44	
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	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	—		Uppermost Continuous Deck, amidships	8 3/2 x 46	
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	EVERY 30 INCHES	
" " Through Plate or Intercoastal Plate	—		Second Deck, amidships, Angle, [or]	12 x 4 x 4 x 47	
" " Foundation Plate on Floors	—		Spacing	EVERY 30 INCHES	
" " 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	—	
DOUBLE BOTTOM.			Poop Deck, Angle, [or]	—	
Solid Floors, thickness and spacing	36 AT 30		Spacing	—	
" " Are Frame and Reversed Frame joggled?	YES		Bridge Deck, Angle, [or]	—	
Bracket Floors, breadth and thickness at middle line	—		Spacing	—	
" " breadth and thickness at margin plate	—		Forecastle Deck, Angle, [or]	—	
	—		Spacing	—	

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 - in lower decks only			Stringer Plate, breadth and thickness in way of Bridge	-	-	-
" " " " " " " "	in 'tween Decks, Size and Spacing.....	{ 6 6 5/8 ON ALT. FRG.		Thickness of Plating abreast Deck openings in way of Wells35		
" " " " " " " "	" " " " " " " "	-	-	Thickness of Plating abreast Deck openings in way of Bridge	-	-	-
" " " " " " " "	in Holds " " " "	-	-	Thickness of Plating within line of openings..	.34		
" " " " " " " "	" " " " " " " "	-	-	If Sheathed, material and thickness.....			
Centre Line Bulkhead, in Holds.				Third Deck.			
Stiffeners and Spacing.....	{ 12 x 4 x 4 x 7/16 ON ALT. FRG.			Stringer Plate, breadth and thickness.....			
Plating, thickness of.....	.30			If Plated, state thickness.....			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Way.....	61 x .64			If plated, state thickness.....			
" " " " " " " "	in way of Bridge	-	-	Poop Deck.			
" Angle was	6 6 5/8			Stringer Plate, breadth and thickness.....			
Thickness of Plating abreast Deck openings in way of Wells55			Plating, Sheathing, material and thickness.....			
Thickness of Plating abreast Deck openings in way of Bridge	-	-	-	Bridge Deck.			
Thickness of Plating within line of openings..	.40			Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness	-	-	-	Plating, Sheathing, material and thickness.....			
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Way.....	50 x .43			Stringer Plate, breadth and thickness.....			
				Plating, Sheathing, material and thickness.....			

SCANTLINGS.				RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>No</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. of ROWS of RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	<i>52</i>	<i>.48</i>	<i>.68</i>	<i>.68</i>		<i>DOUBLE.</i>	<i>7/8</i>	<i>3 1/2</i>	<i>BUTTS.</i>	<i>WELDED.</i>		
" DBLG. (if any)	—	—	—	—		—	—	—	—	—	—	
BOTTOM PLATING, No. of Strakes <i>FOUR</i>	—	<i>.61</i>	<i>.56</i>	<i>.52</i>	}	<i>DOUBLE.</i>	<i>7/8</i>	<i>3 1/2</i>	<i>BUTTS.</i>	<i>WELDED.</i>		
BILGE PLATING, No. of Strakes <i>ONE</i>	—	<i>.61</i>	<i>.56</i>	<i>.49</i>								
SIDE PLATING, No. of Strakes <i>THREE</i>	—	<i>.61</i>	<i>.56</i>	<i>.48</i>								
UPPER DECK, Sheer-strake <i>in Well</i>	<i>84</i>	<i>.40</i>	<i>.50</i>	<i>.50</i>								
UPPER DECK, Sheer-strake in Bridge	—	—	—	—		—	—	—	—	—	—	
STRAKE BELOW Sheer-strake <i>in Well</i>	<i>48</i>	<i>.61</i>	<i>.50</i>	<i>.48</i>		<i>DOUBLE</i>	<i>7/8</i>	<i>3 1/2</i>	<i>BUTTS.</i>	<i>WELDED.</i>		
STRAKE BELOW Sheer-strake in Bridge	/					/						
POOP SIDE PLATING	/					/						
BRIDGE SIDE PLATING	/					/						
FOREC'TLE SIDE PLATING	/					/						

WATERTIGHT BULKHEADS.					FORGINGS AND CASTINGS.				
Total No. of W.T. BULKHEADS in Vessel— Extending to Upper Deck (Sec. 3 c) SEVEN (7) " Deck next below ONE (1) As per Rule SEVEN (7)					Casting or Forging. INS. Scantlings. INS. Maker's Name. INS. Any Departure from Approved Plans to be Noted.				
STIFFENERS. PLATING THICKNESS. INS. VERTICAL. INS. HORIZONTAL. INS.					KEEL. STEM. STERN FRAME. Speed of Vessel. RUDDER—Type.				
MIDSHIP BULKHEADS. Upper tween decks 26 Second — Third — Holds 26					FLAT PLATE. R. BAR. C. S. NOT EXCEEDING 12 KNOTS. SEMI-BALANCED STREAMLINED.				
COLLISION AFTER PEAK. (in Hold) FR 12 FR 12					UPPER PORTION. LOWER PORTION. Propeller Post. Rudder. DOUBLE. HORIZONTAL.				

Total No. of W.T. BULKHEADS in Vessel—		326 (246 W. dk, 64 2nd dk) 6 divisions WT 246 in heavy dk	
Extending to Upper Deck (Sec. 3 c)	SEVEN (4)	R. deck, opening in W. dk. above etc.	
" Deck next below	ONE (1)	FRT ST. JAMES and 7.8.42 with FORT	
As per Rule	SEVEN (4)	FRAZER " also letter 3.11.42	

	Plating Thickness.	STIFFENERS.					
		VERTICAL.		HORIZONTAL.			
		INS.	Spacing.	Scantlings.	Spacing.		
MIDSHIP BULKHD.	FR. 93. Upper tween decks	26	6 x 3 1/2 x 38	30	—	—	
"	" Second "	—	—	—	—	—	
"	" Third "	—	—	—	—	—	
"	" Holds	26	39	12 x 3 1/2 x 38	30	—	
COLLISION	" (in Hold) FR. 162	33	50	7 x 3 x 36	24	3 STGRS.	6'-0"
AFTER PEAK	" " FR. 12	30	35	7 x 3 x 38	24	2 STGRS.	6'-6"

	Casting or Forging.	Scantings. INS.	Maker's Name.	Any Departure From Approved Plans to be Noted.
KEEL, Bar	FLAT.	PLATE	✓	
STEM	UPPER PORTION LOWER PORTION	M. 5 R. BAR	PLATE. 10 x 2 1/2" AS VANCOUVER	✓
STERN FRAME	Propeller Post Rudder	C. S. —	APPS —	ENG. WKS. —
Speed of Vessel	NOT EXCEEDING: 12 KNOTS			
RUDDER—Type	SEMI-BALANCED. STREAMLINED			
" A x D	282			
" Diam. of head	9 1/4			
" Mainpiece at top pintle	12 DIA			
" " heel	9 1/4 DIA. ✓			
" how constructed	BUILT, RIV. & E.W.			
" double or single plate	DOUBLE			
" 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.
Steel Co of Canada Ltd, Central Iron & Steel Co., Algoma Steel Corp., Manitoba Rolling Mills Co Ltd,
Pennsylv Iron Co., Carnegie-Illinois Steel Corp.
 Has the Steel been tested as required by the Rules? Yes.

EQUIPMENT No. 39800					LETTER <i>af</i>		ANCHORS.	
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY SPECIFICATION.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		<i>lbs.</i>	<i>cwts.</i>	<i>tons.</i>	<i>cwts.</i>			
F3099F	1st Bower.....	7600 LBS	—	—	4616 68.0 ✓	Baldr Type Stockless.	WKS. WAINWRIGHT	WINNIPEG
F2104	2nd "	7165	—	—	4616 68.0 ✓	" " "	WKS. WAINWRIGHT	J.F.H. J.
	3rd "		—	—	6552	" " "	FRANCIS & IRON	COLGARY
	Collective Weight	14765 LBS	—	—	9132 136.0 ✓		WKS. COLGARY	P.D. McARTHUR
F2110	Stream	2660 LBS	—	—	2660 2334	Baldr Type Stockless	FRANCIS & IRON	COLGARY
							WKS. COLGARY	P.D. McARTHUR

[illegible]

CHAIN CABLES.								HAWSERS AND WARPS.								
Number of Certificate.	Length and size supplied.		Test per Certificate. Status - Break- ing. Tons.	WEIGHT OF CHAIN CABLE		Length and Size SPECIFIED		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.		Supplied.	Per Rule.	Fathoms.	Inch.					Length.	Cir.		Length.	Cir.
1308	225	2 7/16	130 tons 812446320 lbs	72940 lbs.	600.	225	2 7/16	STUD LINK	NATIONAL MALLEABLE & STEEL CAST	SHARON, PA 14-11-11 A.T.GRIMES.	TOWLINE.	Fathoms.	Inch.	Tons.	Fathoms.	Inch.
						Rule.	270	2 3/8			HAWSERS & WARPS	120	4 3/4	65.3	120	4 3/4
											"	2090	2 3/4	15.5	2090	2 3/4
											"	2090	2 1/2	13.28	2090	2 1/2
											"					
Inn Stream Dinner: Steel Wire	90	5	- 53.2	6 1/2 F.S.W.R.			90	5								

Steering Gear, Type (Power or hand) Steam with telemotor control Alternative Means of Steering Efficient arrangement of blocks & tackle
 Steering Chains (Size and Test) _____ Windlass Steam (11" x 13") Boats 2 @ 20' x 6.75' x 2.60'
1 @ 26' x 8.00' x 3.25'
1 @ 28' x 8.60' x 3.75' (Motor)
 Ceiling in Holds, thickness and material 2" THK. B.C.F.I.R. Cargo Battens, thickness, material and spacing 2" THK. B.C.F.I.R. 9" CLEAR
 Cargo Hatchways.—(Upper Deck) Strong steel plates and angles Thickness of Hatches 3" THK B.C.F.I.R.
 Size of Hatchways No. 1 (Fwd.) 33'9" x 20' No. 2 35' x 20' No. 3 15' x 20' No. 4 35' x 20' No. 5 35' x 20' x BKR.
No. 6 8' x 20'
 Number of Shifting Beams) No. 1, 2, 4 and 5. = EACH 5. No. 3 = 2. x BKR = 1.
and/or Fore and Afters
 Builder's Signature Donald M. Service NORTH VAN SHIP REPAIRS LIMITED
 Manager

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. No
(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 ship has been constructed in accordance with the approved plans, instructions and printed rules of the Society. The materials and workmanship are of good quality. The double bottom, peaks, deep and fresh water tanks, decks, bulkheads, tunnels, watertight doors, steering gear, and windlass have been tested and found satisfactory. The plating assigned by the Committee have been marked on the ship's sides and verified. The equipment of anchors and chain cables is in accordance with the War Emergency Reduction of Equipment requirements and it is recommended that a suitable Notation be entered on the first entry certificate. The weights of Anchors supplied are slightly below those specified but the collective weight of the two bowen anchors exceeds two thirds of the Tabular collective weight. The ship has also been surveyed during construction on behalf of the Minister of Munitions and supply of Canada in accordance with the Hull Specification requirements which have been carried out to our satisfaction.

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 ship is the second of this type to be built by North Vancouver Ship Repairing Ltd and is a sistership to their Yard No 101. (Vancouver Report No 5455.)

The approved plans have been retained for dealing with sisterships building and to be built.

Blue print of plan of Midship Section is forwarded herewith.

Interim certificate issued - copy attached.

A copy of each of the following certificates attached hereto:-
certificate No F 1134. for Cast Steel Sternframe.
certificate No F 1684. for Rudder.
certificate No F 1466 for steam steering engine, quadrant and tiller.
certificate No F 1395. for steam windlass.
certificate No F 1091, 1085, 1069, 1104, 1115, 1072, 1084, 1616, 1615, 1127 and 1083 for steam Winches.

PARTICULARS OF ELECTRIC WELDING (if employed) All connections to double bottom tanks margin plates and gusset plates; 2nd deck stringer closing plates all welded; plate butts of shell plating, of tank top (part), of tunnel, of 2nd and upper deck, of centre girder and of hatch side girders; hold bulkheads to tank top plating; other items of minor importance. Electrodes complying with Section 4, paras. 1-9 of the Rules have been employed for manual welding and the Rules for the application of Electric Arc Welding to Ship Construction have been complied with where applicable.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. bruiser Stern; Wireless;
Direction Indicator; Echo Sounder.

Particulars of Drop Test of Cast Steel Anchors, viz:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	5660 lbs.	J.F.H.	F3099F	13.4.42.
	2nd "	45-1-10.	P.D.M.	F2107	13-3-42.
	Streams	17-0-6.	P.D.M.	F2110	13-3-42.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop _____ ft., R.Q.D. _____ ft., Bridge _____ ft., Forecastle _____ 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 No Belting Over-all Length 438'-6"
(Circ. 1611) (Circ. 1703)

No. and Material of Decks Two (2) steel.

Parts of Bottom of Vessel coated with cement or approved composition double bottom tanks and peaks cemented in bottom shell throughout and cement washed elsewhere except under F & B spaces where there is Bitumastic solution and enamel on girders and floors and bitumastic solution on underside of tank top plating.
Bitumastic solution and enamel on bilges, bitumastic solution and enamel throughout.
Particulars of composition (if fitted) and of approval. Bitumastic solution and enamel.

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, <u>No 7 and 8</u>	<u>S.W.</u>	<u>135.0</u>	<u>306.0</u>	Fore peak tank,	<u>S.W.</u>	<u>22.</u>	<u>145.</u>
Double bottom, under Engines and Boilers,		--	--	After peak tank,	<u>S.W.</u>	<u>24.</u>	<u>160.</u>
Double bottom, if under Engines only, <u>No 6</u>	<u>S.W.</u>	<u>25.0</u>	<u>106.0</u>	Deep tank, <u>PORT</u>	<u>S.W.</u>	<u>20.</u>	<u>390.</u>
Double bottom, if under Boilers only, <u>No 5 (Dry)</u>	<u>S.W.</u>	<u>20.0</u>	<u>89.0</u>	Deep tank, <u>STAR</u>	<u>S.W.</u>	<u>20.</u>	<u>375.</u>
Double bottom, forward, <u>No 1, 2, 3 & 4</u>	<u>S.W.</u>	<u>188.25</u>	<u>648.0</u>	Other tanks, if fitted,			
Total length (if continuous) and Capacity		<u>368.25</u>	<u>1149.0</u>	(If necessary, furnish further information by sketch.)			

Order for Special Survey No. 49
Date 22nd JULY, 1941
Dates of Surveys held while building
1941 SEPT. 9, 18, 22. OCT. 6, 14, 21, 22, 29. NOV. 5, 17, 24, 25, 26. DEC. 3, 8, 10, 19, 23, 24, 30.
1942 JAN. 6, 30. FEB. 2, 4, 7, 9, 10, 11, 12, 14, 16, 17, 18, 19, 20, 21. MAR. 5, 14, 27, 30, 31.
APR. 1, 4, 6, 8, 9, 15, 21, 27, 29, 30. MAY. 1, 4, 7, 12, 19. JUNE. 1, 4, 5, 6, 8, 10, 11, 12, 13, 17.

Total No. of Visits 66.