

STEEL STEAMER ~~or MOTORSHIP~~

Received at London Office

23 AUG 1944

RECEIVED

24 AUG 1944

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 **21st July, 1944** Port of **Vancouver, B. C.** No. **6216**Survey held at **North Vancouver, B. C.** Date First Survey **14th Dec., 1943** Last Survey **13th June, 1944**On the (State if Machinery fitted and if Single, Twin or Triple Screw) **Steel Single Screw Steamer "FORT KILMAR" (Victualling Ship)**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... **6693.47**

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

Total

Gross Tonnage **7199.71**Register Tonnage **4003.23**CLASS ***100 A1 with freeboard corresponding to a summer Mid. Dft. of 26'-10"** State if with freeboard condition of Class **Yes**Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) **1416.00**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 37.33**Depth to 2nd 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 March, 1944** and No. **208**Builders **Burrard Dry Dock Co. Ltd.**Owners **Minister of Munitions & Supply of Canada.**Managers **Ellerman & Bucknall Steamship 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 and Afloat.

REGISTERED DIMENSIONS.

FEET.

Length **424.6**Breadth **57.2**Depth **34.9**

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 3/5 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 .56	✓
Frame Amidships, Angle [or]	12x4x4x.47	✓	" " top Angles	3 1/2 3 1/2 .44	✓
" " Extends up to	2nd Deck	✓	" " bottom Angles	4 4 1/2	✓
Interm. Forward for Ice Stiffening, Angle	(6 4 1/2)	✓	Side Girders, (No. each side and thickness) One	6 3 1/2 .44	✓
" " Extends up to	(Toe to Shell)	✓	Margin Plate depth (excl. of flange) and thickness	40 1/2 x .56	✓
Depth of Framing Girder	12	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	Welded	✓
Frames in Uppermost Continuous 'tween Decks, Angle [or]	6 3 1/2 1	✓	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	10 1/2 x 3/4 (FL2")	✓
" No. 1 Hold with dks 3 & 4 & web frs. as approved	10x3 1/2 x 3 1/2 x .425	✓	" " Gussets, spacing and scantling abaft 1/4 len. from stem	17 x 3/4 (FL2")	✓
" " Third No. 2 Hold	12x4x4x.59	✓	" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	14 1/2 to F.P. Bnd.	✓
" " from 1/2 len. for'd. to 15% len. from Stem	-	-	Tank Side Brackets, height above base line at toe of Frame and thickness	104 1/2 x .44	✓
" " in Peaks, Angle [or]	8 3 1/2 .34	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 at 6 1/2 Dias.	✓	Breadth and thickness of Middle Line Strake	88 x 1/2	✓
State if Frame Joggled	No	✓	Thickness of remainder in Holds	.44	✓
Are the scantlings and arrangements in the Panting Area 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	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes	✓	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships	8 3 1/2 .46	✓
Floors, Depth and thickness at mid-line in Holds			" " in Wells, Angle [or]		
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	Ev. Fr. (BA 9 x 3 1/2 x .44)	✓
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle [or]	(Ch. 12x4x4x.467)	✓
" " Foundation Plate on Floors			Spacing	Ev. Fr.	✓
" " Flat Plate Keel Angles			Third Deck, amidships, Angle [or]	8 3 1/2 .46	✓
Side Keelsons, No. each side			Spacing	Ev. Fr.	✓
" " thickness of Intercoastal Plate			Fourth Deck, amidships, Angle [or]	8 3 1/2 .46	✓
" " Angles			Spacing	Ev. Fr.	✓
DOUBLE BOTTOM.			Poop Deck, Angle, [or]		
Solid Floors, thickness and spacing	3/4 Ev. Fr.	✓	Spacing		
" " Are Frame and Reversed Frame joggled? No	Cut at Seams	✓	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.		
Under (a) Upper & (b) 2nd dks. - One													
(c) 2nd & (d) 3rd -- Three													
PILLARS, No. of Rows.....				6	6	8	O.A.	Stringer Plate, breadth and thickness in way of Bridge				-	-
" in 'tween Decks, Size and Spacing.....				(a) On Alt. Frs.				Thickness of Plating abreast Deck openings in way of Wells				.34	✓
" " " " " " (b) Cr. Line Bhd.								Thickness of Plating abreast Deck openings in way of Bridge				-	-
" in " " " " " " (c) 6 6 8 O.A.								Thickness of Plating within line of openings.....				.34	✓
" " " " " " " " (d) 4 fr. sp. apart maxim.								If Sheathed, material and thickness.....				-	-
" " " " " " " " (d) & Cr. Line Bhd.								Third Deck.					
Centre Line Bulkhead, under 2nd, 3rd and 4th decks.								Stringer Plate, breadth and thickness.....				54	x .34
Stiffeners and Spacing.....				Ch. 12x3x3x.60 on alt. frs.				If Plated, state thickness.....				.31	✓
Plating, thickness of.....				.31				Fourth Deck.					
STRINGERS AND DECKS.								Stringer Plate, breadth and thickness.....				50	x .34
Uppermost Continuous Deck.								If plated, state thickness.....				.31	✓
Stringer Plate, breadth and thickness in Way.....				61	x .69		✓	Poop Deck.					
" " " " " " " " in way of Bridge				-	-			Stringer Plate, breadth and thickness.....					
" Angle in Wells.....				6	6 .69		✓	Plating, Sheathing, material and thickness.....					
Thickness of Plating abreast Deck openings in way of Wells				5				Bridge Deck.					
Thickness of Plating abreast Deck openings in way of Bridge				-	-			Stringer Plate, breadth and thickness.....					
Thickness of Plating within line of openings..				.56			✓	Plating, Sheathing, material and thickness.....					
If Sheathed, material and thickness				-	-			Forecastle Deck.					
Second Deck.								Stringer Plate, breadth and thickness.....					
Stringer Plate, breadth and thickness in Way.....				59 1/2	x .44		✓	Plating, Sheathing, material and thickness.....					

SHELL PLATING.				SHELL PLATING.			
SCANTLINGS.		RIVETING.		SCANTLINGS.		RIVETING.	
AS IN VESSEL.		ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.		EDGES.		BUTTS.	
STRAKES.		STRAKES.		STRAKES.		STRAKES.	
AMIDSHIPS.		FORWARD.		AFT.		AFT.	
Breadth.		Thickness.		Thickness.		Thickness.	
Inches.		Inches.		Inches.		Inches.	
FLAT PLATE KEEL		52		.75		.69	
DBLG. (if any)		-		-		-	
BOTTOM PLATING, No. of Strakes		Four		-		-	
BILGE PLATING, No. of Strakes		One		-		-	
SIDE PLATING, No. of Strakes		Three		-		-	
UPPER DECK, Sheer-strake in Way		84		.69		.50	
UPPER DECK, Sheer-strake in Bridge		-		-		-	
STRAKE BELOW SHEER-strake in Way		78		.63		.44	
STRAKE BELOW SHEER-strake in Bridge		-		-		-	
POOP SIDE PLATING		-		-		-	
BRIDGE SIDE PLATING		-		-		-	
FORECASTLE SIDE PLATING		-		-		-	

WATERTIGHT BULKHEADS.					FORGINGS and CASTINGS.				
In upper tween dks. 7 Div. W.T. Bhd. on Frs. Nos. 5, 19, 40, 66, 88, 105 and 135.					Casting or Forging.				
Total No. of W.T. BULKHEADS in Vessel—					Ins.				
Extending to Upper Deck (Sec. 3 c) One (Collision) on Fr. 162					Maker's Name.				
Deck next below Seven on Frs. Nos. 12, 40, 58, 66, 86, 106 & 135.					Any Departure from Approved Plans to be Noted.				
As per Rule Seven.					STERN FRAME				
					Propeller Post				
					Rudder				
					Speed of Vessel.				
					Not exceeding 12 knots.				
					RUDDER—Type				
					(Goldsmidt - Patent - Streamline)				
					(Made by Vanc. Eng. Works)				
					A x D				
					Diam. of head				
					9 1/2				
					Mainpiece at top pintle				
					heel				
					6" Dia. x 1" thick tube				
					6" Dia. x 1" thick tube				
					Built and Welded				
					Double				
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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.)

This ship is the third of the "Victory" type Victualling ships to be built by Burrard Dry Dock Co. Ltd., Vancouver, B. C., and is a sistership to Burrard Dry Dock Co. Ltd., North Vancouver Ship No. 206 - S.S. "FORT DUNVEGAN" (Ver. Report No. 6173).

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

Blue print of Midship Section plan (finished) forwarded herewith.

Interim Certificate issued - Copy attached.

Immersed main ship's side openings Certificate issued - Copy attached.

Blue print of Capacity Plan forwarded herewith.

A copy of each of the following Certificates attached hereto:-

Certificate No. F-10817 for cast steel stern frame.

Certificate No. F-11306 for rudder.

Certificate No. F-11233 for steam steering engine, quadrant and tiller.

Certificate No. F-10973 for windlass.

Certificate Nos. F-11542, F-11507, F-10106, F-10105, F-10085, F-11544, F-10147, F-10148, F-10151, F-11227 & F-11303 for winches.

Certificate Nos. F-6476, F-6477 & F-2578 for anchors.

There are 7 divisional bulkheads in the Upper Tween decks all hose tested for watertightness and found satisfactory with a steel hinging W.T. door over the doorway in each Bulkhead No. 5, 19, 40 and 88.

PARTICULARS OF ELECTRIC WELDING (if employed) Plate butts and seams of 3rd and 4th decks, O.T. hold bhd's (trans. & cr. line); tunnel and cr. line N.W.T. bhd's; Plate butts of upper and 2nd decks; side and bottom shell; inner bottom tank top (part) and margin; cr. girder, hatch side girders and dk. bhd's; Stiffeners of O.T. hold bhd's (trans. & cr. line); tunnel and thrust recess and Cr. line non W.T. bhd's; All connections to D.B. tanks' margin plates W.T. floors and gusset plates; 2nd deck and D.T. stringer plates and D.B. tank margin plates to shell and upper dk. stringer plates to sheerstraps at ends; Hold bhd's and tunnel sides to D.B. tank top; 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 Cruiser stern, Direction Finder, Echo Sounder, Wireless, Gyro compass. The double bottom and deep tanks are fitted for the carriage of oil fuel - F.P. above 150 F. Two additional temporary decks fitted in all holds for the carriage of stores. Fitted for carrying petroleum in rectangular tank in Upper Fore Peak Store. Refrig. M/C

	HEAD	SHANK
1st Bower	6154 lbs. J.F.H. F-6476 28-8-43	2000 lbs. J.F.H. F-6476 30-8-43
2nd "	6091 lbs. J.F.H. F-6477 17-8-43	2034 lbs. J.F.H. F-6477 30-8-43
Stream	2260 lbs. P.D.M. F-2578 31-8-43	786 lbs. P.D.M. F-2578 11-7-43

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 B.K.Z.Z. Extreme Breadth over Belting No Belting Over-all Length 441.5' (Circ. 1703)

No. and Material of Decks Two - Steel and two additional temporary decks fitted in all holds for the carriage of stores; 3rd deck of steel throughout and 4th deck of steel in Nos. 1, 2 & 3 Holds and of steel ti plates and wood decking in Nos. 4 and 5 Holds. Cement wash in No. 4 double bottom tank (under Engines and boilers) and in bilges throughout except in deep tanks for oil fuel which remain uncoated.

Parts of Bottom of Vessel coated with cement or approved composition

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, Nos. 5 and 6	135.	306.0	Fore peak tank,	22.	145.
Double bottom, under Engines and Boilers, No. 4	42.5	180.0	After peak tank,	24.	160.
Double bottom, if under Engines only, C/dam.	2.5	-	Deep tank aft, of M/C Space	20.	753.
Double bottom, if under Boilers only, C/dam.	2.5	-	Deep tank, forward,		
Double bottom, forward, Nos. 1, 2 & 3	185.75	633.0	Other tanks, if fitted,		
Total length (if continuous) and Capacity	368.25	1119.0	(If necessary, furnish further information by sketch.)		

(includes C/dam. at fwd. end No. 1 tank = 2.25')

Order for Special Survey No. 80

Date 9-6-43

Dates of Surveys held while building

1943. Dec. 14, 30.

1944. Jan. 12, 24, 27. Feb. 3, 4, 5, 7, 8, 9, 10, 11, 12, 14, 15, 22, 23, 24, 26.

Mar. 3, 6, 8, 9, 10, 11, 13, 14, 16, 17, 21, 27, 30.

Apr. 14, 19, 24, 27, 28.

May 1, 2, 4, 5, 6, 8, 9, 10, 26.

June 13.

Lloyd's Register Foundation
Total No. of Visits 48