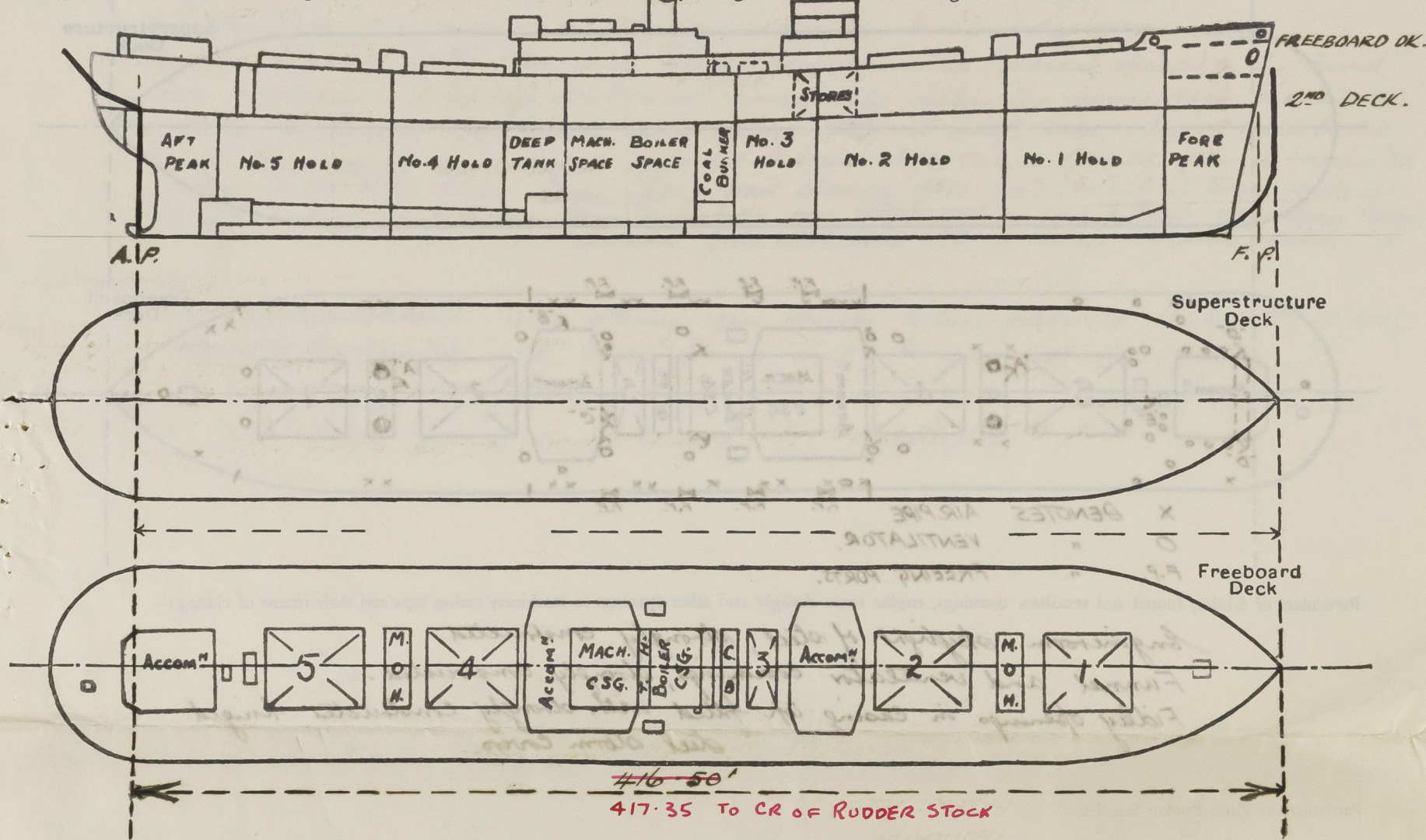


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

Ship's Name S. S. "FORT LIARD" Port of Survey Victoria, B.C.
Official Number 168437 Surveyor's Signature D. S. Forsyth
Nationality and Port of Registry British, London Date of Survey September, 1942.

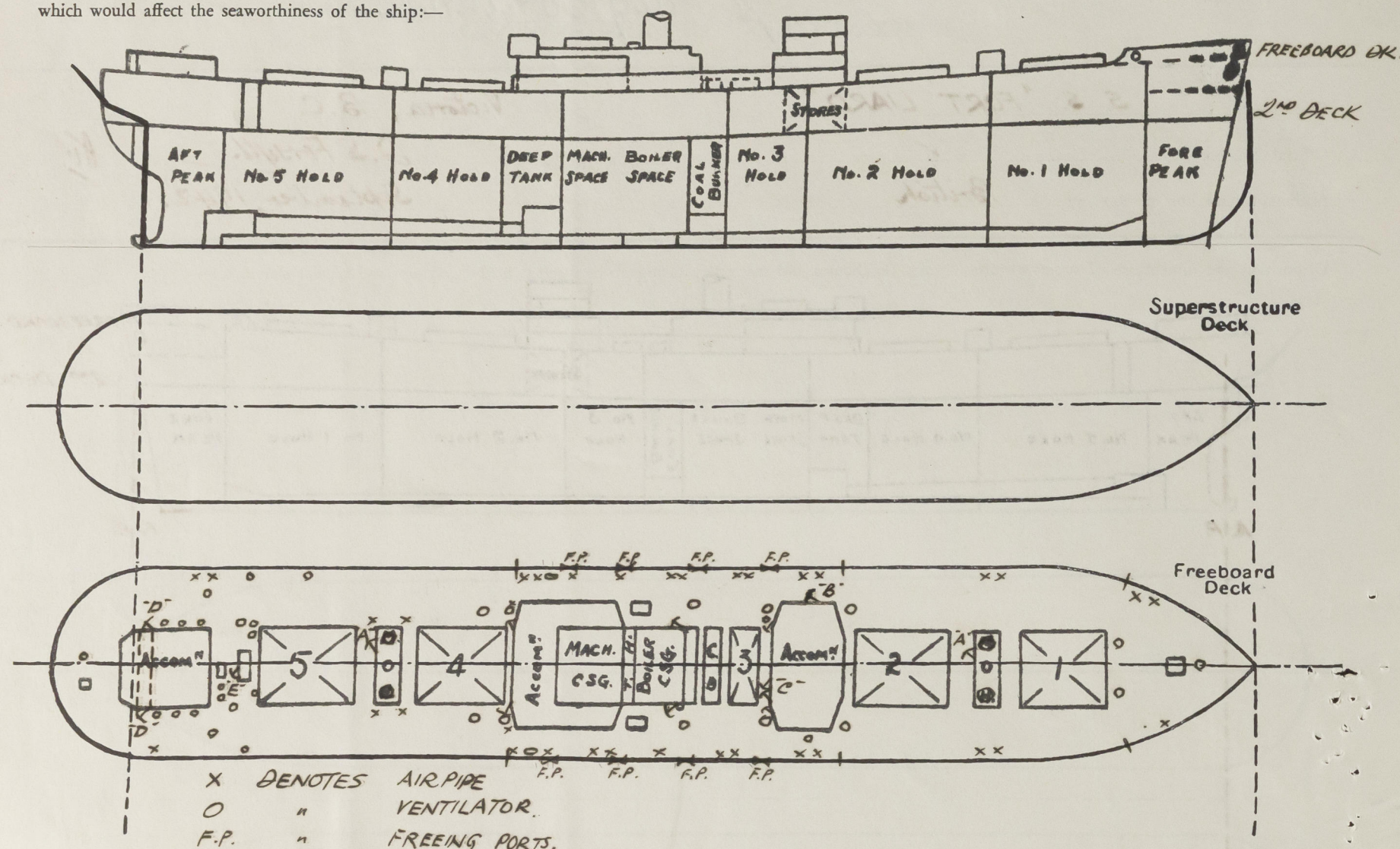
Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement:—



Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	✓							
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	✓							
Bridge, Forward Bulkhead ...	✓							
Forecastle Bulkhead ...	✓							
Trunk, Aft MAST HOUSES ...	✓	38"	8" x 3" x 38" DIA. BHD.	30"	Bracketed Top & Bottom	5'-0" x 2'-0"	18"	4'-6"
Trunk, Forward ...	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓	38" x 30"	3" x 3" x 32"	30"	None - Continuous at bottom	5'-0" x 2'-0"	24"	10'-8"
Exposed Machinery Casings on Superstructure Decks ...	✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓							
Deckhouses on Flush Deck Ships ...	✓	30" x 38"	3" x 3" x 32" / 38"	30" to 36"	Bracketed Top & Bottom	See Companionways.		4'-6"
Particulars of Closing Appliances (state if capable of being manipulated from both sides).								
Poop Bulkhead ...	✓							
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	✓							
Bridge, Forward Bulkhead ...	✓							
Forecastle Bulkhead MAST HOUSES ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks ...	✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓							
Deckhouses on Flush Deck Ships ...								

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, ventilators, companionways, etc., which would affect the seaworthiness of the ship:—



Particulars of fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

Engine room skylight of steel, strongly constructed.
Funnel and ventilator coamings, strongly constructed.
Fiddle openings in casing top fitted with strongly constructed hinged steel storm covers.

Particulars of Flush Bunker Scuttles:—

None

Particulars of Companionways:—

A - Opening 5' x 2', coaming 19", with hinged steel W.T. door to hold escape trunk in nesthouse.
B - Opening 5' x 2', coaming 19", with hinged steel W.T. door to hold escape trunk in deckhouse.
C - Opening 4' 6" x 3' 4", coaming 24", with double hinged solid hardwood doors to Saloon deckhouse enclosing access hatch to cabin store.
D - Opening 4' 5" x 2' 0", coaming 24", above steel deck, with hinged solid hardwood door to after deck house.
E - Opening 4' 2" x 2' 0", coaming 26", with hinged solid hardwood door to strong steel deck house companionway to tonnage well.

Particulars of Ventilators in exposed positions on freeboard and superstructure decks:—

Nº OFF	DIA.	HT. OF COAMING	THKS.	TO	WHERE
1	10"	36"	34"	F.P. STORE	ON UPPER DECK
6	24"	36"	40"	CARGO SPACES	" "
4	36"	23"	42"	" "	" MAST HOUSES.
2	18"	12' 4"	40"	" "	" UPPER DECK (EFFICIENTLY STAYED)
2	18"	36"	44"	TWEEN DECK CABIN STORE	" UPPER DECK
2	18"	36"	42"	CARGO SPACES	" "
2	12"	36"	40"	DEEP TANK	" " (S.S. COAMING EFFICIENTLY STAYED)
2	12"	36"	34"	CARGO SPACES	" " "
1	12"	12"	34"	TO AFTER TUNNEL ESCAPE	" AFTER DECKHOUSE IN WAY
2	10"	36"	30"	AFTER ACCOMMODATION	" UPPER DECK
7	6"	36"	30"	" "	" " "
1	10"	36"	30"	STEERING GEAR SPACE	" " "
2	6"	36"	40"	TONNAGE WELL	" " "
2	6"	36"	40"	GUNNERY CREW SPACE	" " "
2	12" x 4"	COOSENECK 36" TO OPENING	40"	TWEEN DECK BUNKERS	" " " (EFFICIENTLY STAYED)

All ventilators fitted with wood plugs and canvas covers.
Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:—

To peaks and double bottom tanks, 3" 2 1/2" & 2" dia., opening 30" above deck.
To fresh water tanks built in below freeboard deck, 1 1/2" dia., opening 30" above deck, port aft and 1 1/2" dia., opening 30" above deck, port and starboard amidships.
To deep tanks (1 p. and 1 s.) 6" dia., opening 30" above deck.
All air pipes fitted with wood plugs.

Particulars of Gangway Cargo and Coaling Ports:—

SS FORT LIARD

None

Particulars of Scuppers and Sanitary Discharge Pipes:—

Sanitary discharges from spaces above the freeboard deck fitted with brass automatic non-return storm valves at ship's sides.
Sanitary discharges from tonnage well below freeboard deck aft fitted with double brass automatic non-return storm valves at ship's side which are always accessible for examination under service conditions.
All sanitary discharges are situated above the level of the second deck.
Scuppers from the cabin store and refrigerated chambers (enclosed spaces) on the second deck amidships discharge overboard immediately below the second deck having a brass automatic non-return storm valve fitted at ship's side, 1 port & 1 starboard, and a brass screw down valve adjacent to each storm valve, operated from an accessible position on the upper deck. Drain (p.s.) from steering gear compartment in tween decks aft led into rudder trunk through brass automatic non-return valve and a brass screw down valve operated from above deck and in always accessible position.

Particulars of Side Scuttles:—

To accommodation and steering gear spaces below freeboard deck aft, 10" dia., strongly constructed with brass frames and hinged steel deadlights.
To deck houses on freeboard deck 16", 15" and 12" dia., strongly constructed with brass frames and hinged C.I. deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel. Side scuttles, fitted below freeboard deck, aft only.
Vertical distance of sill of lowest side scuttle, 63' 7 1/2" fwd of A.P., 36' 1" above top of keel.

Particulars of Guard Rails:—

Strongly constructed steel bulwarks, efficiently stayed, fitted on freeboard deck for about 46 ft. at fore end and abreast midship house. Elsewhere on freeboard deck, strong steel stanchions 3' 6" in height, spaced about 5' 0" apart, with 3 rails and efficiently stayed to deck.

Particulars of Gangways, Lifelines, etc:—

Provision made for rigging lifelines on each side of vessel between the fore peak store hatch and midship deck houses, between midship deck houses and from engineers' deck house to after accommodation.

Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well AMIDSHIPS	126'-10"	3'-6"	3'-0" x 9"	4	9 sq. ft.	✓
Forward Well	✓					
State position of each freeing port ... { After Well: AMIDSHIPS:— From forward end of bulwark to forward end of frame ports 1- 43'-0", 61'-0", 78'-0" and 86'-0" (F. and A. position and height above deck edge) { Forward Well:— Height above deck edge:— 9"						
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— None						
Additional area where sheer is less than standard. ✓						

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
FREEBOARD DECK											CASING TOP
Description of Hatchway	1	2	3	4	5	CROSS BUNKER	WING BKR. P. & S.	TO F.P. STORE	TO STEER. GEAR	SADDLE BACK	
Dimensions of Hatchway	33'-9" x 20'	35' x 20'	15' x 20'	35' x 20'	35' x 20'	7'-11" x 20'	7'-4" x 4'	3'-6" x 2'-6"	2'-0" x 1'-9"	4'-4" x 18'-6"	
COAMINGS	Height above Deck			30"			30"	24"	24"	9 x 3 1/2 x 44 BA.	
	Thickness { Sides			.44"			.38"	.38"	.38"		
	Ends			.44"			.38"	.38"	.38"		
	Stiffeners	B.A. 8 x 3 1/2 x .44	9 x 3 1/2 x .44	7 x 3 x .38	9 x 3 1/2 x .44	8 x 3 1/2 x .44	7 x 3 x .38				
Brackets, Stays	SIDES 3 P. 3 S. 1 F. 1 A.	3 P. 3 S. 1 F. 1 A.	1 P. 1 S.	3 P. 3 S. 1 A.	3 P. 3 S. 1 F. 1 A.						
HATCH BEAMS	Number	5	5	2	5	5	1				
	Spacing	68"	70"	70"	70"	70"	47"				
	Scantling and Sketch										
	Bearing Surface										
FORE AND AFTERS	Number										
	Spacing										
	Unsupported Lengths										
	Scantling and Sketch										
HATCH COVERS	Material										
	Thickness										
	How fitted										
	Bearing Surface										
Spacing of Cleats											
Number of Tarpaulins											
*Are wood fore and afters steel shod at all bearing surfaces? <input checked="" type="checkbox"/>											
Are battens and wedges efficient and in good condition? <input checked="" type="checkbox"/>											
Are tarpaulins in good condition and in accordance with rule requirements? <input checked="" type="checkbox"/>											
Are lashings provided in accordance with rule requirements? <input checked="" type="checkbox"/>											

Particulars of any special features:—

This ship is of the closed shelter deck type, the linnage opening abaft No 5 hatchway being closed watertight by a rivetted steel plate efficiently supported by 2 fore and aft beams and one athwartship beam in way of companionway.

Skylight in Freeboard deck at forward end of after deck house to Crews' accommodation of steel, strongly constructed, 3'-0" x 3'-7", with coaming 18" high above steel deck x .30" thick with steel hinging weathertight covers.

Endorsement at first survey and at surveys for renewal of Certificate:—

The fittings and appliances are in accordance with the particulars shown on this form (or as now modified) and are in good condition.



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