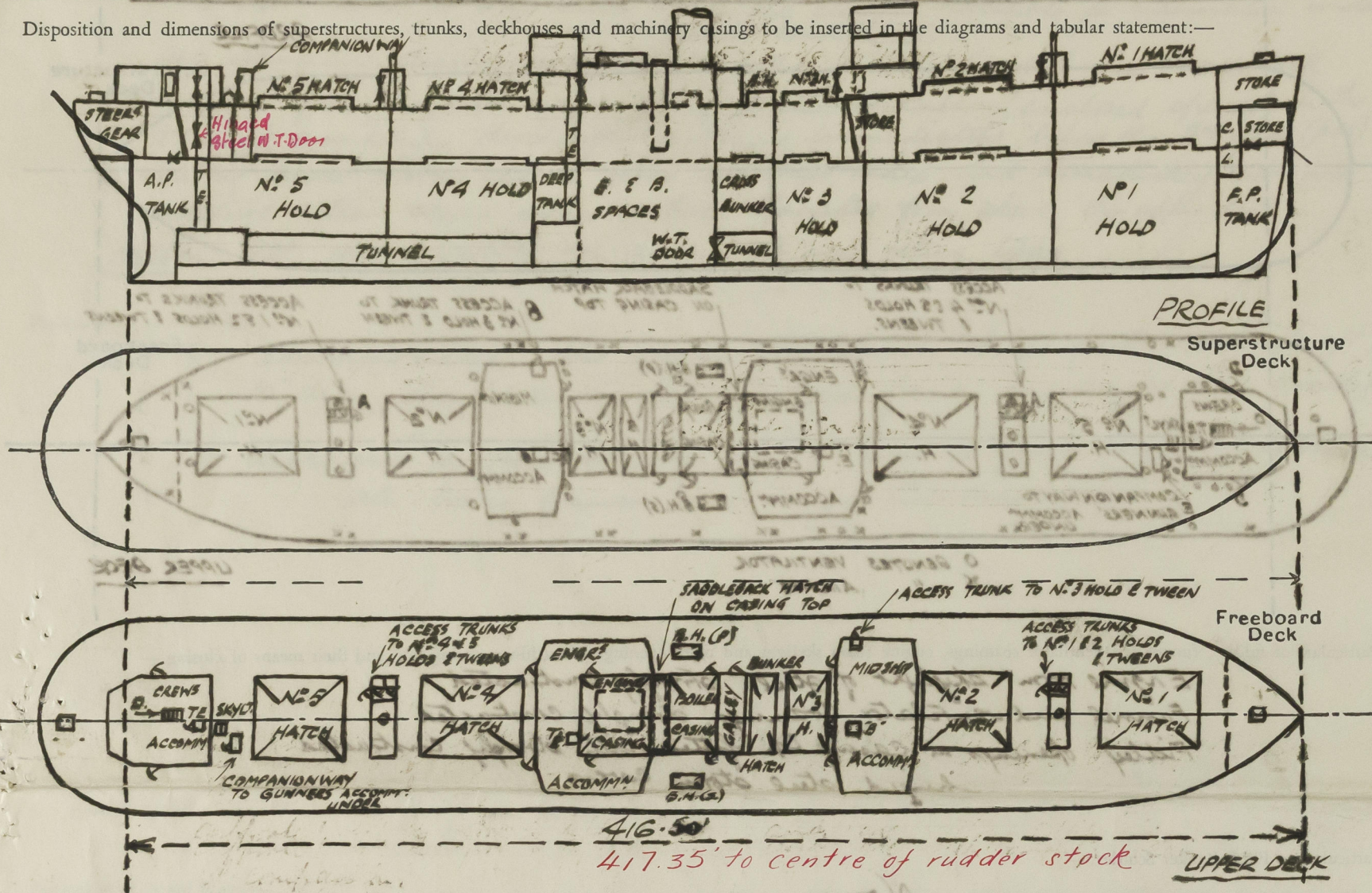


Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name S.S. "FORT DOUGLAS" Port of Survey Victoria, B.C.  
Official Number 168338 Surveyor's Signature D.S. Forsyth  
Nationality and Port of Registry British London Date of Survey 3<sup>rd</sup> August, 1942.

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

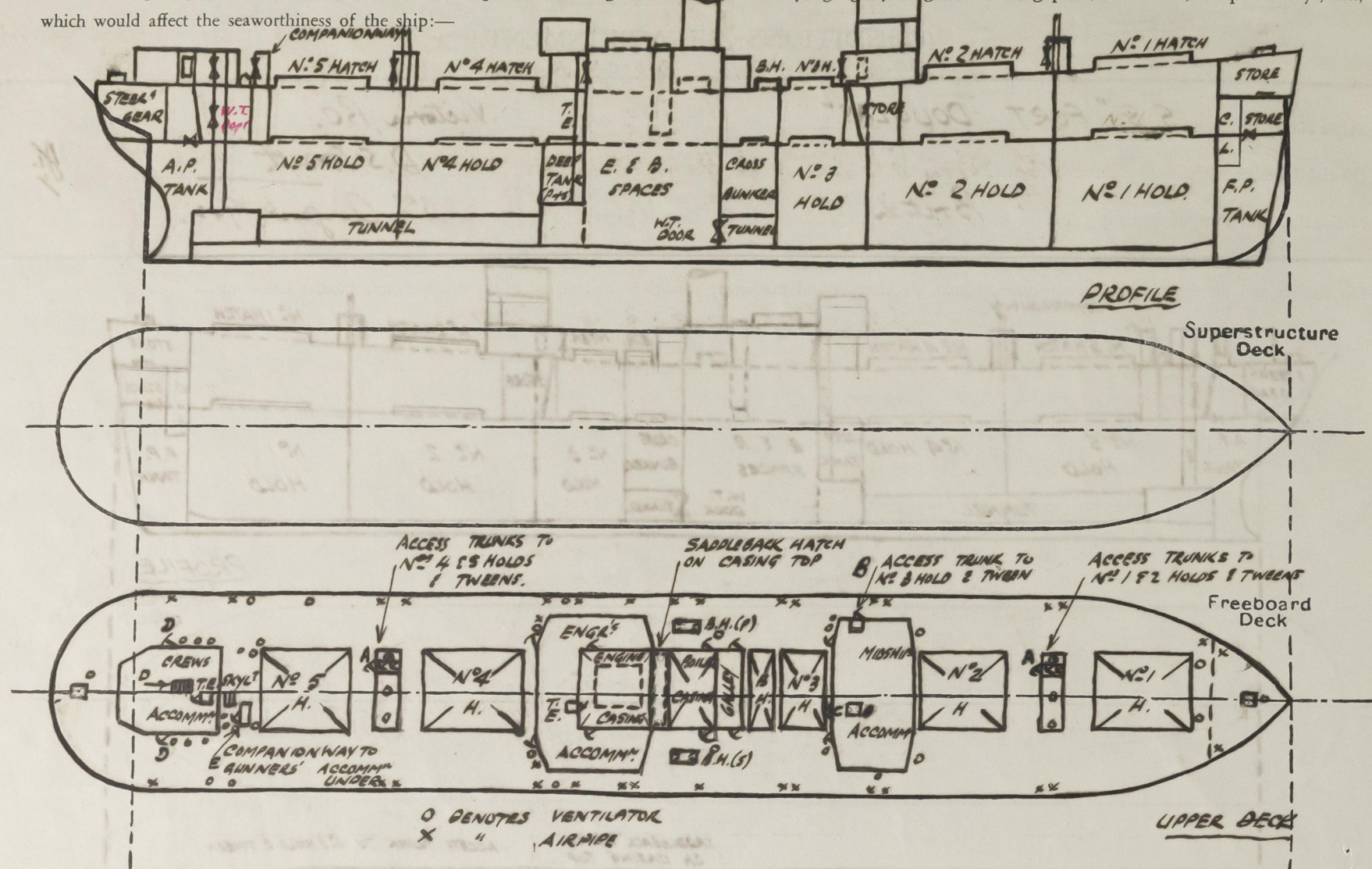


Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	✓							
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	✓							
Bridge, Forward Bulkhead ...	✓							
Forecastle Bulkhead ...	✓							
Trunk, Aft <u>MAST HOUSES</u> ...	✓	40"	5" x 3" x 38' 0"	30"	Bracketed top & bottom	5' 0" x 2' 0"	18"	7' 6"
Trunk, Forward ...	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓	38" x 6" 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" to 38"	4" x 3" x 40" & 3" x 3" x 32/38"	30" to 36"	Bracketed Top & bottom	See Companionways		7' 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 <u>MAST HOUSES</u> ...	✓							
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, gangways, 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'-0" x 2'-0", coaming 18" with hinged steel W.T. door to hold escape trunk in mast house.  
B - Opening 5'-0" x 2'-0", coaming 18" with hinged steel W.T. door to hold escape trunk in deck house.  
C - Opening 5'-0" x 3'-4", coaming 18" with double hinged solid hardwood door to saloon deck house enclosing access hatch to cabin store.  
D - Opening 5'-0" x 2'-0", coaming 18" above wood deck, with hinged solid hardwood door to after deck house enclosing access hatch to accommodation spaces.  
E - Opening 4'-5" x 2'-0", coaming 24", with hinged solid hardwood door to strong steel companionway to tonnage well.

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

N° OFF	DIA.	HT. OF COAMING	THKS.	TO	WHERE
1	10"	36"	3/4"	F.P. STORE	ON UPPER DECK
6	24"	36"	1/2"	CARGO SPACES	" " "
4	36"	24"	1/2"	" "	" MAST HOUSE TOPS
2	18"	9' 3"	1/2"	" "	" UPPER DECK (EFFICIENTLY STAYED)
2	18"	36"	1/2"	TWEEN DECK CABIN SPACE	" " "
3	18"	36"	1/2"	CARGO SPACES	" " "
2	12"	36"	3/8"	DEEP TANK (P.S.S.)	" " " (S.S. VENT EFFICIENTLY STAYED)
2	12"	36"	5/8"	CARGO SPACES	" " "
1	12"	36"	3/8"	AFTER ACCOMMODATION	" " "
2	10"	36"	3/8"	" "	" " "
7	6"	36"	3/8"	" "	" " "
1	10"	36"	3/8"	STEERING GEAR SPACE	" " "
2	6"	36"	3/8"	TONNAGE WELL	" " "
2	6"	36"	3/8"	GUNNERS ACCOMMODATION	" " "
2	12" x 4" GOOSENECK	36"	TO OPENING TO TWEEN DECK BUNKERS	" " "	(EFFICIENTLY STAYED)

All ventilators fitted with wood plugs and canvas covers.

Particulars of Air Pipes in exposed positions on freeboard, coaling and superstructure decks:—

To peaks and double bottom tanks, 3", 2 1/2" & 2" dia, opening 30" above deck.  
To fresh water tank built in below freeboard deck, 1 1/2" dia, opening 18" above deck, port aft and port and starboard amidships.  
To daf tanks (P.S.S.) 6" dia, opening 33" above deck, abaft engineers' house.  
All airpipes fitted with wood plugs.

Particulars of Gangway Cargo and Coaling Ports:—

None

Particulars of Scuppers and Sanitary Discharge Pipes:—

Sanitary discharges from spaces above the freeboard deck fitted with brass storm valves at ship's side.  
Sanitary discharges from tonnage well below freeboard deck aft fitted with double brass 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 & refrigerated chambers (enclosed spaces) on the 2nd deck amidships discharge overboard immediately below the 2nd deck (P.S.S.) having brass storm valves fitted at ship's side, and immediately inboard positive action screw down valves operated from above the upper deck.  
Note:— All storm valves are automatic non-return type.

Particulars of Side Scuttles:—

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

Vertical distance of Sill of lowest Side Scuttle above top of keel Side scuttle fitted below freeboard deck aft only  
Vertical distance of sill of lowest side scuttle 63'-7" forward 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'-0" 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, excepting in way of main mast house where 3 tiers of strong chain fitted for A.N.D. gear.

Particulars of Gangways, Lifelines, etc:—

Provision made for rigging lifelines on each side of vessel between the fore peak store hatch and midship deck house between midship deck house 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	126'-10"	3'-6"	3'-0" x 9"	4	9.0 sq. ft.	✓
Forward Well	✓					

State position of each freeing port ... Amidships 6" above deck  
(F. and A. position and height above deck edge) ... Forward Well:— ✓

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.											CASING TOP
		FREEBOARD DECK									
Description of Hatchway		1	2	3	4	5	Cross Bunker	Wing Bunker (P/S)	To F.P. Store	To Steam gear	Saddleback
Dimensions of Hatchway		33'9" x 20'0"	35'0" x 20'0"	15'0" x 20'0"	35'0" x 20'0"	35'0" x 20'0"	7'11" x 20'0"	7'2" x 3'10"	3'6" x 2'6"	2'0" x 1'9"	4'4" x 18'6"
COAMINGS	Height above Deck				30"			38"	24"	24"	9'3 1/2" x 38 1/2"
	Thickness { Sides				1/4"			3/8"	3/8"	3/8"	✓
	Ends				1/4"			3/8"	3/8"	3/8"	✓
	Stiffeners	BA 8 x 3 1/2" x 1 1/4" (P/S)	9 x 3 1/2" x 1 1/4" (P/S)	7 x 3 1/2" x 3/8" (P/S)	9 x 3 1/2" x 1 1/4" (P/S)	8 x 3 1/2" x 1 1/4" (P/S)	7 x 3 1/2" x 3/8" (P/S)	✓	✓	✓	✓
	Brackets, Stays	1 (F) 1 (A)	1 (F)	1 (F)	1 (A)	1 (A)	✓	✓	✓	✓	✓
HATCH BEAMS	Number	5	5	2	5	5	1				
	Spacing	68	70	70	70	70	47				
	Scantling and Sketch	Web plates 18 1/2" x 3/8"									
		Top & Bottom angle 5 x 3 1/2" x 5/8" (5" HOR 12 1/2")									
	Bearing Surface	3"									
FORE AND AFTERS	Number										
	Spacing										
	Unsupported Lengths										
	Scantling and Sketch	None fitted									
	Bearing Surface										
HATCH COVERS	Material	B.C. Fir							Steel		B.C. Fir
	Thickness	3"							25"		3"
	How fitted	F. & A.						Athwartship	Hinged W.T.		F. & A.
	Bearing Surface	3" at hatchway ends, 5" on beams						3"			3"
Spacing of Cleats		24"							Toggle		24"
Number of Tarpaulins		2							6	5	x 2
<p>*Are wood fore and afters steel shod at all bearing surfaces? <input checked="" type="checkbox"/> Yes</p> <p>Are battens and wedges efficient and in good condition? <input checked="" type="checkbox"/> Yes</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? <input checked="" type="checkbox"/> Yes</p> <p>Are lashings provided in accordance with rule requirements? <input checked="" type="checkbox"/> Yes</p>											

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 riveted steel plate efficiently supported by 2 fore & aft beams and one athwartship beam in way of companion.

Skylight on freeboard deck at forward end of after deckhouse to Crew's accommodation of steel, strongly constructed, 3'1" x 3'4", with coaming 19" above steel deck, 32" thick, with steel hinged watertight cover.

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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