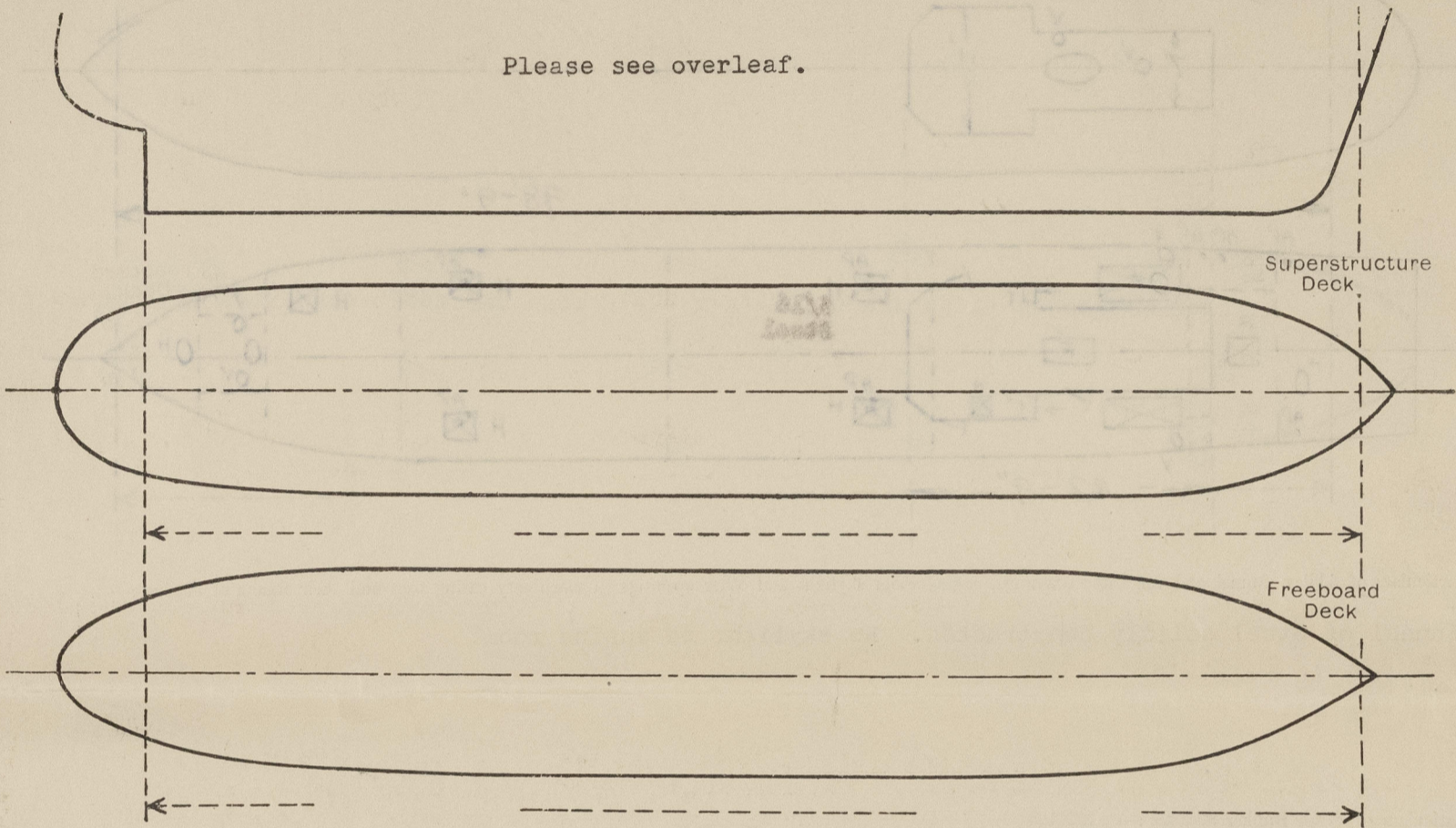


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

Index No. _____
(For London Office only.)

Ship's Name RCN Water Boat "YSW 220" Port of Survey Victoria, B.C.
Official Number Naval Ship Not registered Surveyor's Signature [Signature]
Nationality and Port of Registry Canadian Date of Survey 21st November, 1957 and previous dates

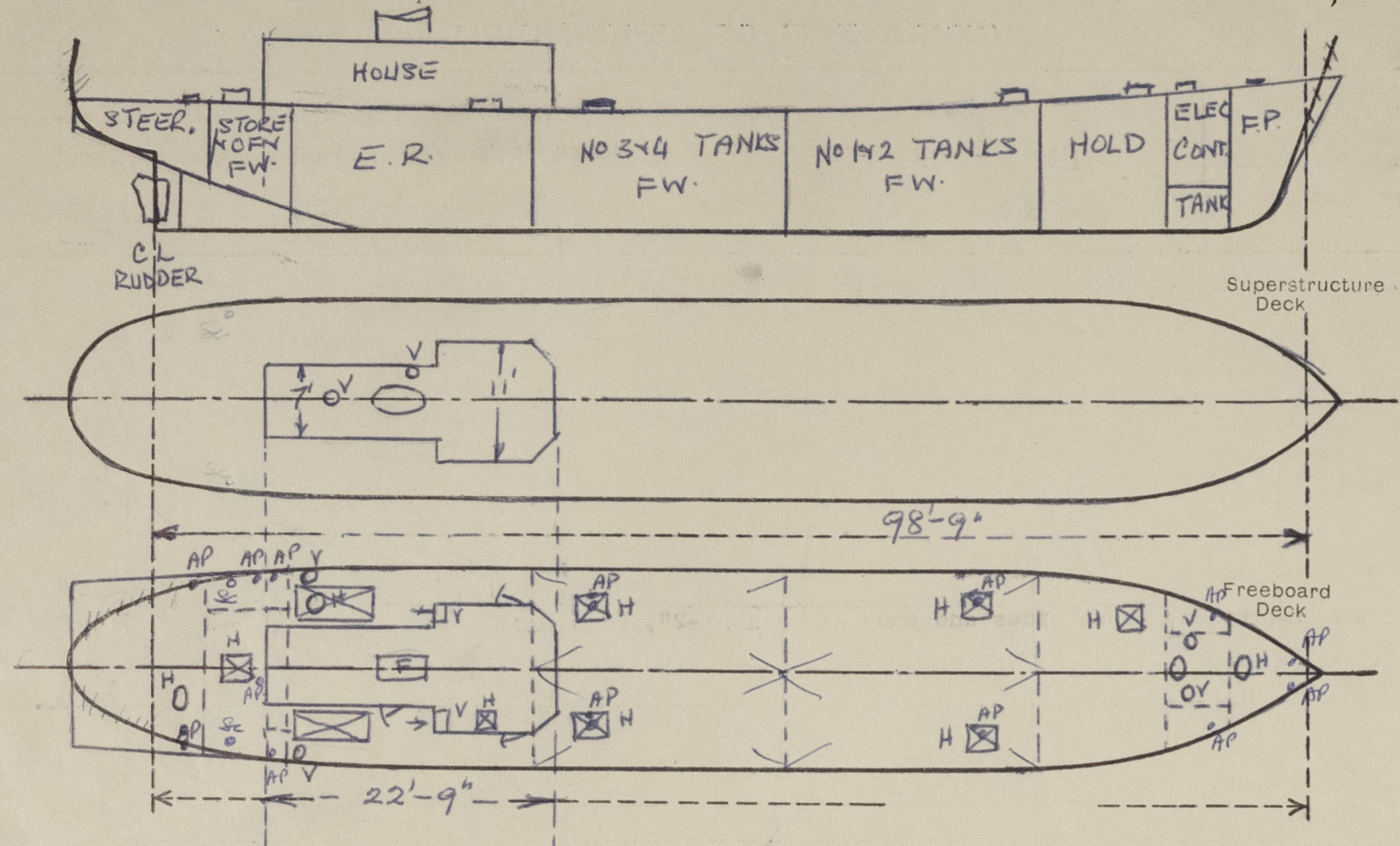
Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement :—



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	-							
Trunk, Forward	-							
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 ...	1/4"	1/4"	Toe welded 2x2x1/4 OA	21"	Brackets top 26-1/2" x welded bottom 4'-9"		19"	7'-2"
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	-							
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 ...	3 Hinged Steel doors (double 18 WG) manipulated from both sides.							

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:—

Funnel of Steel solidly constructed. No skylight to engine room.

Particulars of Flush Bunker Scuttles:— None

One flush portable 1/4" thick deck plate Port and Starboard over machinery space.
opening 39" x 90" secured watertight by 1/2" C.S. Screws and nuts spaced 2-1/4".

Particulars of Companionways:—

E.R. Hatchway, inside deckhouse.

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

ON FREEBOARD DECK:—

Two 10" diam. Naval M.R. Vents to windlass control room 48" high stayed } closed by canvas covers
Two 8" diam. Naval M.R. Vents to engine room 36" high }
Two 16" x 18" inlet for ER fans, 30-1/2" above deck closed by jalousie and steel flap.

ON HOUSE TOP:—

One 8" diam. 23" high and one 6" diam. M.R. Vents to accommodation.

All coamings to Rule requirements.

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:—

Two 2-1/2" diam. to chain locker.
Two 2-1/2" diam. forward ballast tank.
X Two 2-1/2" diam. to O.F. tanks aft.
Four 2-1/2" diam. to after chain locker steering gear and store spaces.
X 3" diam. to each FW tank on hatch cover.
X 2-1/2" diam. filling to each FW tank on hatch cover closed by screwed plug.
Remaining air pipes closed by wooden plugs and canvas covers.

X - Zurn fittings for closing.

Particulars of Gangway Cargo and Coaling Ports:—

None

Particulars of Scuppers and Sanitary Discharge Pipes:—

One open scupper 2-1/2" diam. discharging 9" below freeboard deck each side aft.

Two sanitary discharges 1-1/2" diameter discharging 2'-8" and 5'-8" below freeboard deck in engine room port side fitted with automatic non return valves always accessible.

Scuppers from enclosed accommodation spaces led to same discharges.

Particulars of Side Scuttles:— None

Ten windows in Deckhouse sides and ends 2'-2" x 2'-2", coamings 4'-2" high closed by steel shutters.

Vertical distance of Sill of lowest Side Scuttle above top of keel:—

Particulars of Guard Rails:—Steel bulwarks at ends, 1/4" thick, 3' high, 3" x 1/4" FB and pipe.

Stiffeners, spaced 21", half steel pipe rail.

Elsewhere, steel rails 3'-3" high, 3 rails, stanchions spaced 5'-3".

Particulars of Gangways, Lifelines, etc.:—

None

Particulars of Freeing Arrangements. Also Scuppers as above.

Particulars of Freeing Arrangements. Also Scuppers as above.						
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well	35 ft.	3'-0"	3'-6" x 3" 2'-6" x 3" 4'-3" x 3"	1 aft end 1 1	2.12 sq. ft. & 2 mooring pipes	} approved
Forward Well	15 ft.	3'-0"	12' x 8" mooring pipes 0' x 8"	none	2 mooring pipes	
<div>State position of each freeing port (E. and A. position and height above deck edge)</div> <div><div>2" above deck</div><div><div>After Well: 3'-6" x 6'-4" x 4'-3"</div><div>Forward Well: 1'-9" x 11'</div></div><div>01 ← 18°.</div></div> <div>State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:—None</div> <div>Additional area where sheer is less than standard.</div>						

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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
		FP	5 hatches			ER Hatch	ER	2 Portable	Stores	Steering
Description of Hatchway		Chain locker	Windlass controls	Hold No.1&2 Tanks	No.3&4 Tanks	inside house	escape scuttle	plates overER aft		gear
Dimensions of Hatchway		21" x 15-1/2"	22 x 16 25" x 25"	26" x 26"		25" x 22-1/2"	18" dia.	7'-6" x 25" x 3'-3"	25" x 12"	21" x 15-1/2"
COAMINGS	Height above Deck	3"	6"	12"		18"	6"	Flush	12"	3" flat
	Thickness { Sides	3"x2-1/2"	3/8"	3/8"		3/8"	3/8"	-	3/8"	
	Stiffeners { Ends	x 5/16OA	-	-	-	-	-	-	-	
	Brackets, Stays	-	-	-	-	-	-	-	-	5/16"
HATCH BEAMS	Number							4		
	Spacing							21"		
	Scantling and Sketch				None			3-1/2x 2-1/4 x 1/4 OA		
FORE AND AFTERS	Bearing Surface							Strapped		
	Number									
	Spacing									
HATCH COVERS	Material	1/4"	3/8	Steel		3/8"	3/16"	1/4"	3/8"	5/16
	Thickness	WT Steel	Hinged	1/4"		Steel	WT	Steel	Steel	Steel
	How fitted	plate	WT cover	hinged	WT	hinged	steel hinged	WT plate	hinged	
Bearing Surface		cover				WT			WT cover	
Spacing of Cleats		bolted	8 clips	7 toggles		clips	wheel & strong back	1/2" CS screws & nuts	7 toggles	
Number of Tarpaulins								2-1/4 pitch		
*Are wood fore and afters steel shod at all bearing surfaces? - Are battens and wedges efficient and in good condition? - Are tarpaulins in good condition and in accordance with rule requirements? - Are lashings provided in accordance with rule requirements? -										

Particulars of any special features :—

Water Boat for Royal Canadian Navy.

Please refer to Report C11 (Comp.) dated 6th November, 1957 already forwarded.



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