

Lloyd's Register of Shipping.

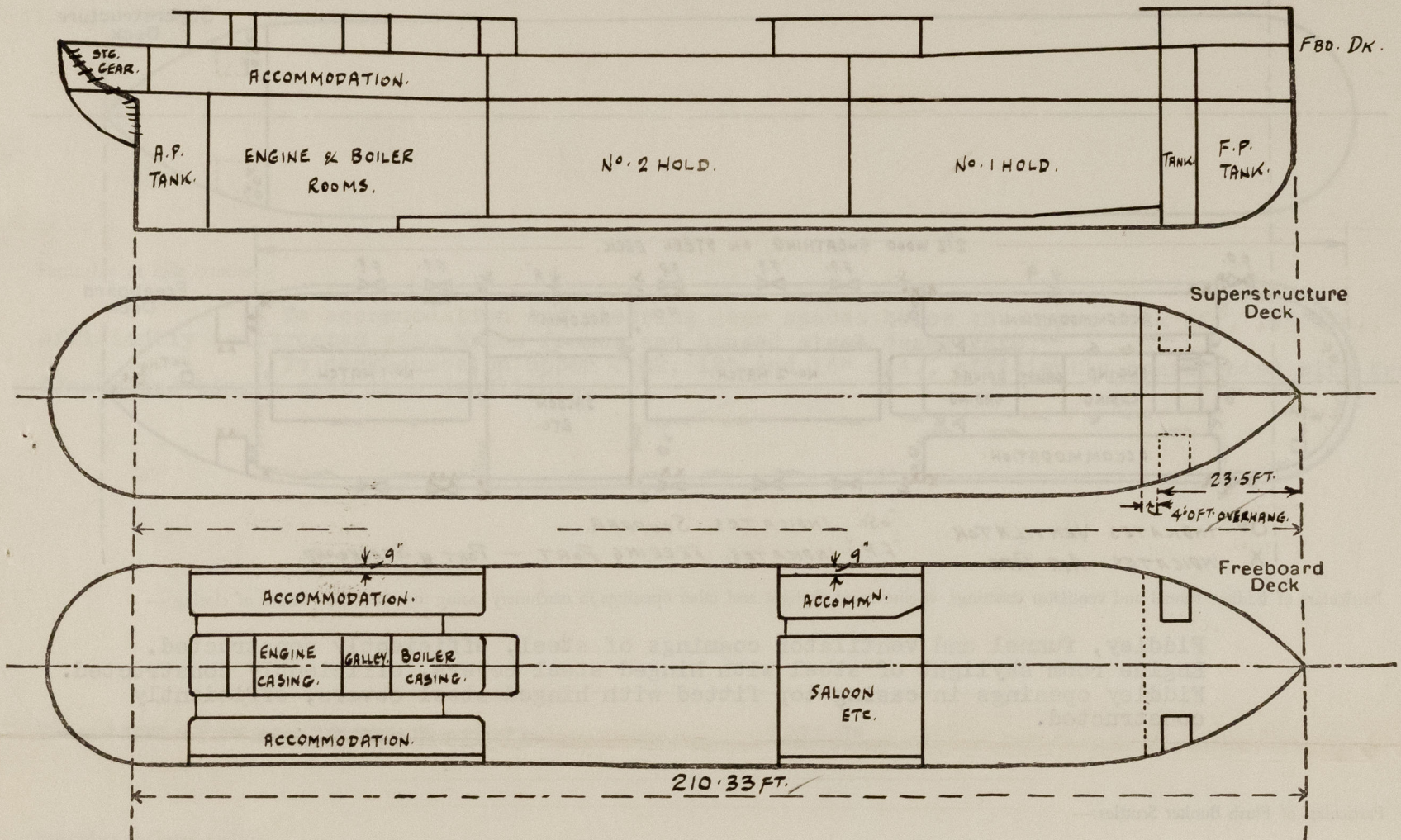
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Index No. _____
(For London Office only).

Ship's Name **"HAISU" ex "OTTAWA PAGET"** Port of Survey **Vancouver, B. C.**
 Official Number **-** Surveyor's Signature **R. In. Scott**
 Nationality and Port of Registry **Chinese - Shanghai** Date of Survey **During alterations in July & August, 1946.**

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.

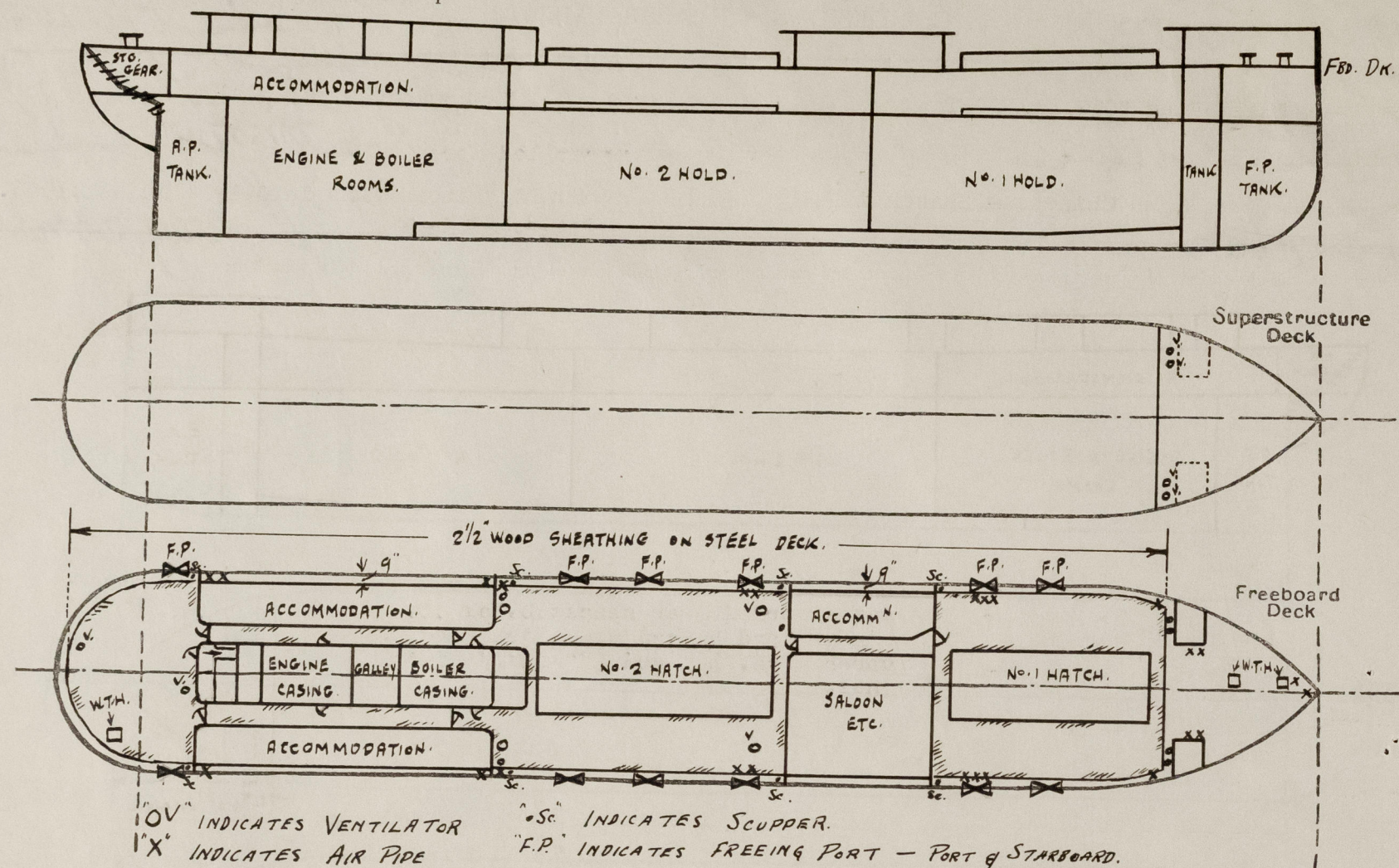
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
After sidehouse			$2\frac{1}{2}" \times 2\frac{1}{2}" \times .31$					
Reop Bulkhead (After Bhd.)		.25	(Toe welded)	30" & 33"	Welded at ends	5'0"x2'0"	18"	7'-6"
After sidehouses Ford.		.25	& Divl. Bhd. $3 \times 2\frac{1}{2}" \times .25$					
Raised Quarter Deck Bulkhead		.25	(Toe Welded)	26" & 30"	do	5'0"x2'0"	18"	7'-6"
Bridge, After Bulkhead	-	-	-	-	-	-	-	-
Saloon House		.31	$4 \times 3 \times \frac{3}{8}$	30"	Brackets			
Bridge, Forward Bulkhead		.31	(Toe welded)		Top & Btm.	4'10"x2'6"	18"	8'-0"
Forecastle Bulkhead (at sides)		.25	$3 \times 2\frac{1}{2}" \times .25$	33"	Welded at ends	-	-	7'-0"
Trunk, Aft								
Trunk, Forward								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks		.25	$3 \times 2\frac{1}{2}" \times .25$	24" & 27"	Top-Bkts on alt. stiff.	4'11"x2'0"	18"	7'-6"
Exposed Machinery Casings on Superstructure Decks			O.A.					
Machinery Casings within Superstructures not fitted with Class I Closing Appliances								
Deckhouses on Flush Deck Ships								

Particulars of Closing Appliances (state if capable of being manipulated from both sides).

After sidehouse	
Reop Bulkhead (After Bhd.)	Hinged steel doors (in halves) capable of being manipulated from both sides.
After Sidehouse Ford.	
Raised Quarter Deck Bulkhead Bhd.	do
Bridge, After Bulkhead	
Saloon House	
Bridge, Forward Bulkhead	Hinged steel weathertight door, capable of being manipulated from both sides.
Forecastle Bulkhead	Open forecastle.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	Hinged steel doors, capable of being manipulated from both sides.
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:—

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

Particulars of Flush Bunker Scuttles:—

NONE FITTED

Particulars of Companionways:—

To after end of after-deckhouse enclosing companionway to crew accommodation on 2nd deck - opg. 4'-8" x 2'-0", cmg. 19" above wood deck, with solid hardwood door (hinged) capable of being manipulated from both sides.

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

- 1 @ 21" dia., cmg. 36" x .44" to cargo spaces.
- 2 @ 18" dia., derrick post with cowl ventilator on top, to cargo spaces.
- 1 @ 18" dia., cmg. 36" x .44" to cargo spaces.
- 2 @ 14" dia., cmg. 36" x .36" to cargo spaces.
- 2 @ 13" dia., cmg. 10'-1" x .36" to cargo spaces, efficiently stayed.
- 2 @ 12" dia., cmg. 10'-1" x .34" to cargo spaces, efficiently stayed.
- 1 @ 6" dia., cmg. 36" x .40" to steering gear compartment.
- 1 @ 6" dia., gooseneck type, 30" to opg., to midship 'tween dk. stores, fitted with wood plug at opening.
- 3 @ 8" dia., cmg. 21"x.28" to cargo spaces, fitted with navy type mushroom tops (on saloon deckhouse top)
- 1 @ 9" dia., cmg. 36" x .32" to accommodation in 'tween deck aft.
- Boat Dk. 1 @ 12" dia., mushroom vent - 18" above wood dk. - to Accommodation aft 'tween deck.

All cowl ventilator coamings fitted with canvas covers and wood plugs.
All mushroom ventilators fitted with canvas covers, except those to deckhouse accommodation, which are of the screw down type.

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

- To peaks, 2 1/2" & 3" dia., openings 18" above deck.
To double bottom tanks, 2", 2 1/2" & 3" dia., openings 21" above deck.
To F.O. settling tanks (1 Port & 1 Starboard), 3" dia., openings 21" above deck.
To feed water tanks (1 Port & 1 Starboard), 2" dia., openings 18" above deck.
To trimming and fresh water tanks forward, 2 1/2" dia., openings 18" above deck.
To auxiliary ballast tank forward, 3" dia., opening 18" above deck.

All air pipes fitted with wood plugs at openings. Snifting holes drilled in the tops of all air pipes on the freeboard deck.

Particulars of Gangway Cargo and Coaling Ports:—

NONE

Particulars of Scuppers and Sanitary Discharge Pipes:—

Freeboard Deck - 4 Port & Starboard - 2" dia. pipe scupper led through Freeboard Deck and ship's sides, with open ends.

Sanitary Discharges from spaces above Freeboard Deck led through Freeboard Deck and ship's sides with automatic non-return valves.

Particulars of Side Scuttles:—

To accommodation and steering gear spaces below the upper deck aft, 12" dia., efficiently constructed with brass frames and hinged steel deadlights.
To deckhouses on upper deck, 12" and 16" dia., efficiently constructed with brass frames and hinged cast iron deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel 20'-7"

Particulars of Guard Rails:—

Continuous steel bulwark, 3'-6" high with steel plate stays spaced about 6' apart fitted on upper deck between forecastle and midship deckhouse, midship and after deckhouses and around stern.

Forecastle deck fitted with steel stanchions 3'-6" high, spaced about 5'-0" apart with 3 rails and efficiently stayed to deck.

Particulars of Gangways, Lifelines, etc:—

Provision made for rigging lifelines between after deckhouse, midship deckhouse and Forecastle, Port and Starboard.

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 (at Stern) & Midships	10'-10"	3'-6"	5'-9" x 9"	1		
	63'-0"	3'-6"	5'-9" x 9"	3	17.25	12.8
Forward Well	34'-0"	3'-6"	5'-9" x 9"	2	8.62	7.7

State position of each freeing port ... At Stern & Midships ... After Well: 2" ... 9'-6" ... 11'-8" ... 16'-5" ... - 8" ABOVE DECK EDGE.
(F. and A. position and height above deck edge) Forward Well: SALOON HOUSE FRONT 2" ... 3'-11" ... 6'-2" ... - 8" ABOVE DECK EDGE.

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.									
Description of Hatchway	No.1	No.2	W.T.Hatch to Stg. Gear	W.T.Hatch to Chain Locker	W.T.Hatch to Fore Peak				
Dimensions of Hatchway	28'x14'	52'x14'	2'-6"	2'x2'	2'x2'				
 COAMINGS	Height above Deck	27 1/2"	15"	18"*	18"*	* = Height above steel deck.			
	Thickness { Sides	.44"	.34"	.28"	.28"				
	{ Ends	.44"	.34"	.28"	.28"				
	Stiffeners	9"x3 1/2"x19.4 lbs.B.A.		-	-	-			
Brackets, Stays	2@2"dia	5@2"dia	-	-	-				
Fabricated HATCH BEAMS	Number	5	10						
	Spacing	4'-8 3/4"	4'-9 1/4"						
	Scantling and Sketch								
	 Web	13 3/4"x3 3/8"	12 1/2"x3 3/8"	None	None	None			
Top & Btm.	7"x5 5/8"	7"x5 5/8"							
Bearing Surface	4"	4"							
FORE AND AFTERS	Number								
	Spacing								
	Unsupported Lengths								
	Scantling and Sketch								
	← None Fitted →								
Bearing Surface									
HATCH COVERS	Material	B.C.Fir	B.C.Fir	Hinged Steel	Hinged Steel	Hinged Steel			
	Thickness	2 1/2"	2 1/2"	W.T. cover with	W.T. cover with	W.T. cover with			
	How fitted	F. & A.	F. & A.						
	Bearing Surface	3"	3"						
Spacing of Cleats	24"	24"	hinged toggle	hinged toggle	hinged toggle				
Number of Tarpaulins	2	2							
*Are wood fore and afters steel shod at all bearing surfaces? No fore and afters fitted									
Are battens and wedges efficient and in good condition? Yes									
Are tarpaulins in good condition and in accordance with rule requirements? Yes									
Are lashings provided in accordance with rule requirements? Yes									

Particulars of any special features:—

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.

