

SEA: REPORT
NO. 3371

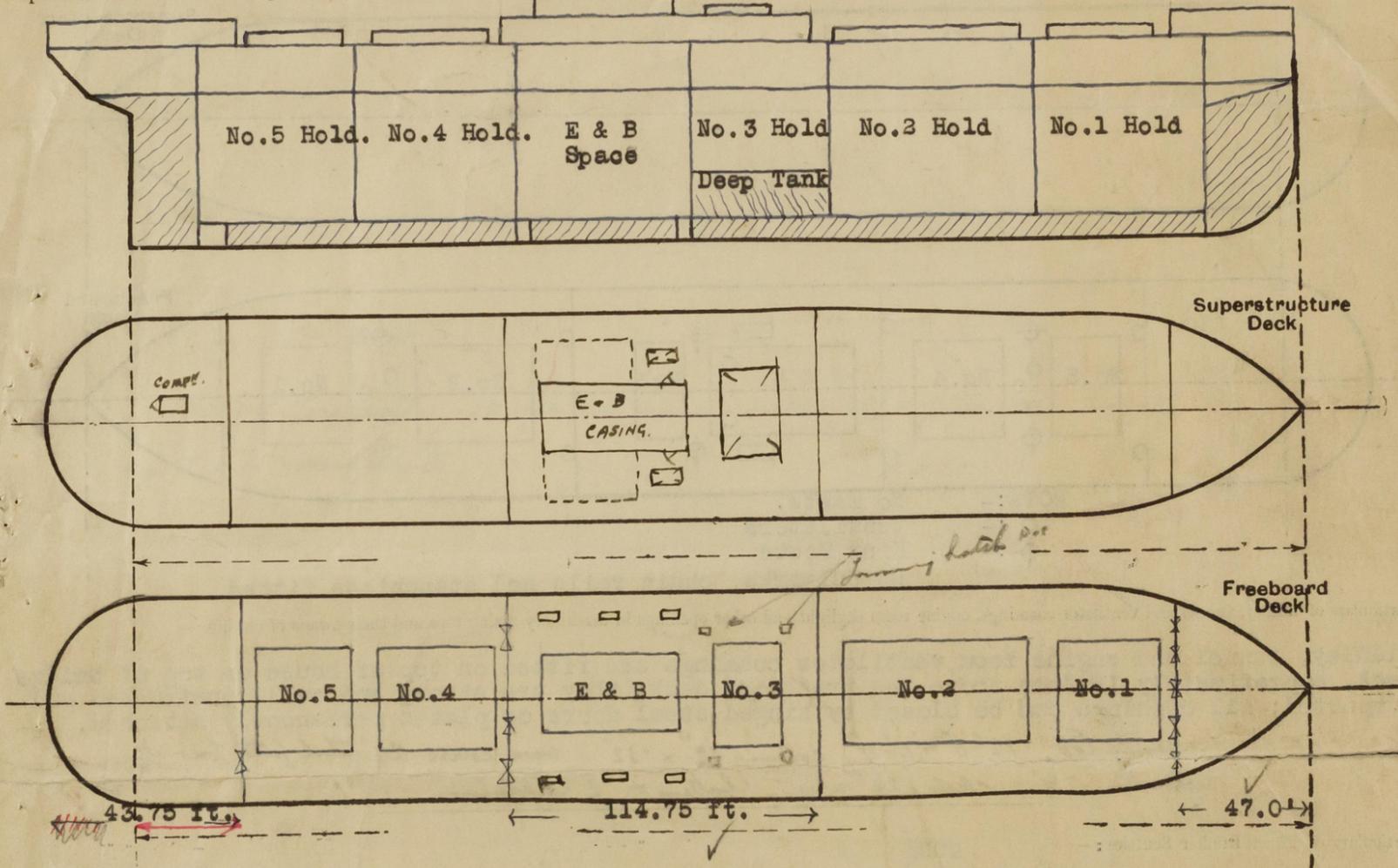
Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

GRANVIEW (CONDITIONS OF ASSIGNMENT.)

Ship's Name ~~EMPIRE CHANDIS~~ *S.S. "PACIFIC REDWOOD"* Port of Survey **Seattle, Washington.**
 Official Number ~~216333~~ *168200* Surveyor's Signature *W. Smith*
 Nationality and Port of Registry ~~U.S.A.~~ *British London* Date of Survey **February 18th - 21st 1941.**

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.

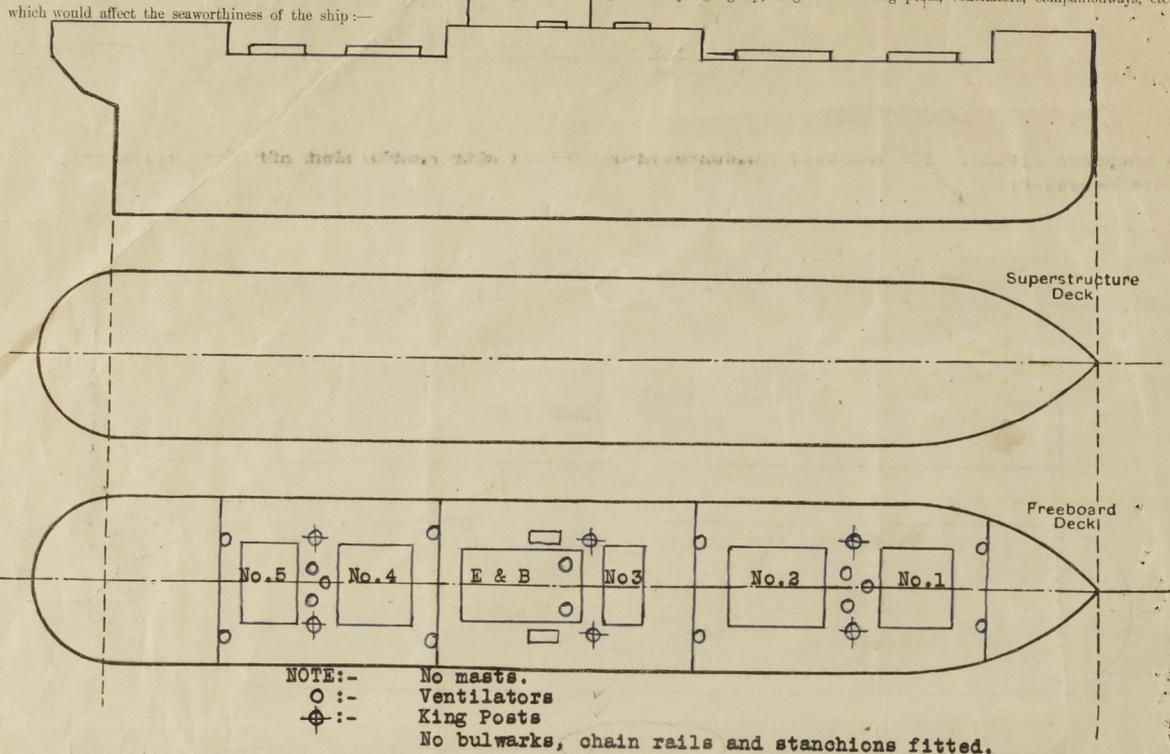
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	19"x 3/8"	5/16"A.6"x3"x3/8"	30"	30"	--	61"x 29"	19"	8'- 6"
Raised Quarter Deck Bulkhead ...						(1@-61"x 29"	18"	8'- 6"
Bridge, After Bulkhead ...	3/8"	5/16"A.6"x3"x3/8"	30"	30"	Brackets	(3@-63"x 48"	18"	8'- 6"
Bridge, Forward Bulkhead44"	.40"	C.8"x3.6"x3/8"	30"	Top & Botm	None (1@-65"x 36"		8'- 6"
Forecastle Bulkhead ...	3/8"	5/16"A.6"x3"x3/8"	34" to 27"	34" to 27"	--	(4@-71"x 26"	15"	8'- 6"
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks ...	18"x .36	.30"	4"x3"x .40"	27"	Bleat top	5'-5"x 24"	18"	8'-0"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	18"x .34	.30	4"x3"x .40"	27"	--	none	--	8'-6"
Deckhouses on Flush Deck Ships ...								

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

Poop Bulkhead ...	One steel hinged door capable of being manipulated from both sides
Raised Quarter Deck Bulkhead ...	---
Bridge, After Bulkhead ...	One steel hinged door capable of being manipulated from both sides Steel plates with hooked bolts.
Bridge, Forward Bulkhead ...	No openings
Forecastle Bulkhead ...	One wood door permanently attached.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	Four steel hinged doors capable of being manipulated from both sides.
Exposed Machinery Casings on Superstructure Decks ...	<i>Hinged steel doors (1 pair) capable of being operated from both sides.</i>
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 engine room ventilator coamings are fitted on top of house on top of bridge deck, approximately 18 feet above the freeboard deck; they are strong and well constructed and supported; all openings can be closed by hinged steel doors or plates permanently attached.

COAL HATCH. on coaling top, 12'-0" x 4'-0", coaming 12" x 32", wood covers 2 1/2" thick fitted four aft, rest bar 2 1/2", cleats 24" apart, battens & 2 tarpaulins.

Particulars of Flush Bunker Scuttles :- NONE

Particulars of Companionways :- NONE

Companionway to crews quarters aft, on poop deck, built strongly of steel, opening 4'-9" x 23", sill 12", closed by hinged steel door, capable of being operated from both sides.

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

Ventilators and their coamings on freeboard deck are substantially constructed; height of coamings 36" and supplied with wooden plugs and canvas covers; ventilator coamings at forecastle, bridge and poop bulkheads are approximately 8'-6" in height and securely fastened to the bulkheads.

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

Air pipes 3 feet high, specially strong and capable of standing alone, openings fitted with wire gauze.

Empire Chamdis

Particulars of Gangway Cargo and Coaling Ports :-

NONE.

Particulars of Scuppers and Sanitary Discharge Pipes :-

No scuppers fitted. All sanitary discharge pipes fitted with double shut off and accessible, where necessary.

Particulars of Side Scuttles :-

NONE

In poop & forecastle, 10" dia, of sound construction, & fitted with hinged cast iron deadlights.

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

Particulars of Guard Rails :-

Fitted fore and aft:- Height 43"; 3 tiers of 3/8" chains; stanchions spaced 46" - 53"

Particulars of Gangways, Lifelines, etc. :-

Rigged when required.

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 ...		NONE	Open rails			
Forward Well ...		NONE	Open rails			

State position of each freeing port ... (After Well :-
 (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 :-

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
Description of Hatchway	Bridge Dk					No. 3 IN BRIDGE	COAL HATCHES ON BSE DK.	COAL HATCHES IN BRIDGE		
	No. 1	No. 2	No. 3	No. 4	No. 5					
Dimensions of Hatchway	29'-3" x 17'-0"	31'-6" x 17'-0"	15'-9" x 17'-0"	29'-3" x 17'-0"	27'-6" x 17'-0"	15'-9" x 17'-0"	9'-0" x 3'-0"	6'-3" x 3'-0"		
COAMINGS	Height above Deck	36"	36"	34"	36"	36"	18"	12"		
	Thickness	1/2"	1/2"	1/2"	1/2"	1/2"	1/4"	1/4"		
	Stiffeners	Channels: 8"x3.4"	4"x3.5"		8"x3.4"	8"x3.5"				
HATCH BEAMS	Number	Five	Five	Two	Five	Five	2	NONE	NONE	
	Spacing	4'-10 1/2"	5'-3"	5'-3"	4'-10 1/2"	4'-6"	5'-3"			
	Scantling and Sketch	Plate 22"x36"	22"x36"	17"x36"	22"x36"	22"x36"	PLATE 22"x36"			
Bearing Surface	4"	4"	4"	4"	4"	4"				
FORE AND AFTERS	Number									
	Spacing									
HATCH COVERS	Material	Wood	Wood	Wood	Wood	Wood	Wood	Wood	Wood	
	Thickness	2-3/4"	2-3/4"	2-3/4"	2-3/4"	2-3/4"	2 3/4"	2 3/4"	2 3/4"	
Spacing of Cleats	24"	24"	24"	24"	24"	24"	24"	24"	24"	
Number of Tarpaulins	Three	Three	Three	Three	Three	ONE	TWO	ONE		
<p>*Are wood fore and afters steel shod at all bearing surfaces? ---</p> <p>Are battens and wedges efficient and in good condition? Yes ✓</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? Yes ✓</p> <p>Are lashings provided in accordance with rule requirements? Yes ✓</p> <p><i>Locking bars fitted to No 1 Hatchway at Op. 30/12/44</i></p>										

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.



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