

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

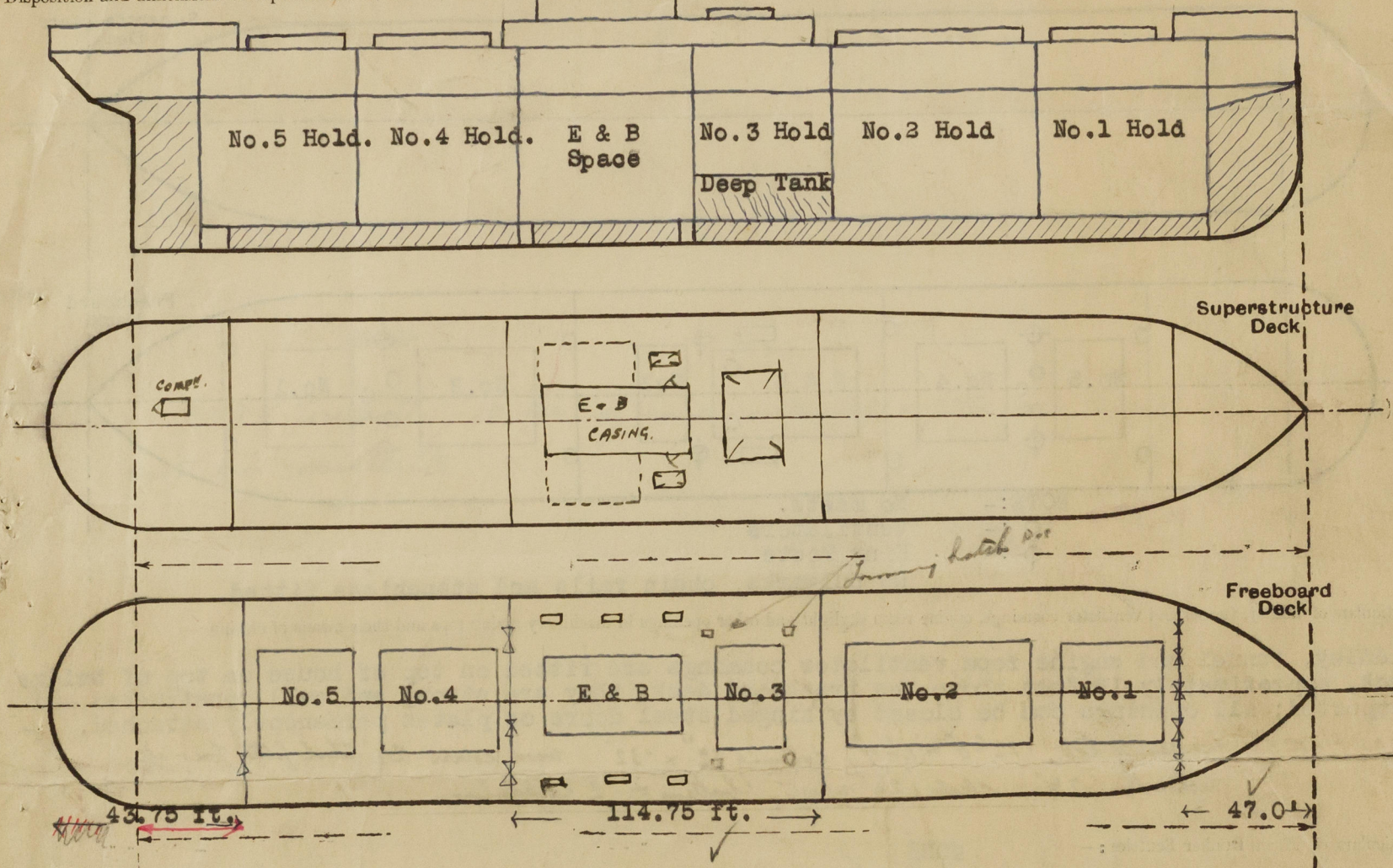
216333

Surveyor's Signature W. Smith

Nationality and Port of Registry U.S.A.

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.

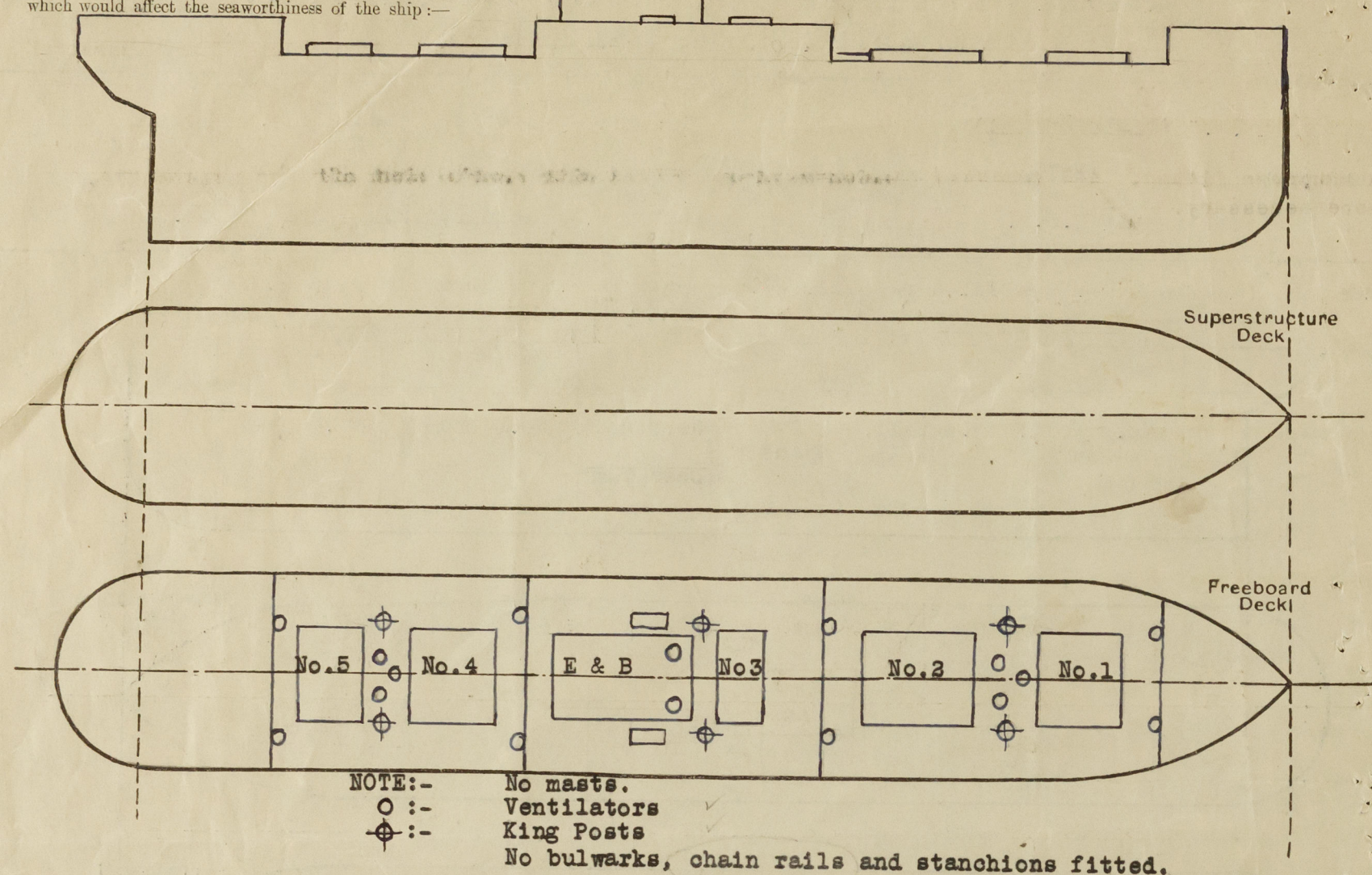
| | Coaming | Plating | Stiffeners | Spacing | End Attachments of Stiffeners | Size of Openings | Height of Sills | Height of Casings |
|---|-----------|-------------------|----------------|---------|-------------------------------|----------------------|-----------------|-------------------|
| Poop 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" | |
| Bridge, After Bulkhead ... | 3/8" | 5/16"A.6"x3"x3/8" | 30" | 30" | Brackets | (2@-63"x 48" | 18" | 8'- 6" |
| Bridge, Forward Bulkhead ... | .44" | .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" | 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 ... | |
| Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... | Hinged steel doors (1 pair) capable of being operated from both sides. |
| 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 16 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 casing top, 12'-0" x 4'-0", coaming 12" x 32", wood covers 2 1/2" thick fitted four a/c, rest bar 2 1/2", cleats 24" apart, battens & 2 tarpaulins.

Particulars of Flush Bunker Scuttles:—

NONE

Particulars of Companionways:—

NONE

Companionway to crew's 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.

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 42"; 2 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.



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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

| HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS. | | | | | | | | | |
|---|-----------------------|-------------------|-------------------|-------------------|-------------------|--------------------|------------------------------|------------------------------|---------|
| Description of Hatchway | Bridge Dk | | | | | No. 3 IN BRIDGE | COAL HATCHES ON BRIDGE | 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 17'-0" | 6'-3"x 17'-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"x23.5 | 8"x3.4"x23.5 | 8"x3.4"x23.5 | 8"x3.4"x23.5 | 8"x3.4"x23.5 | 8"x3.4"x23.5 | |
| | Brackets, Stays | Three | Three | Two | Three | Three | — | — | |
| 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" | 22"x36" | 22"x36" |
| | Bearing Surface | 4" | 4" | 4" | 4" | 4" | 4" | — | — |
| FORE AND AFTERS | Number | | | | | | | | |
| | Spacing | | | | | | | | |
| | Unsupported Lengths | | | | | | | | |
| | Scantling* and Sketch | | | NONE | | | | | |
| 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" |
| | How fitted | F & A | F & A | F & A | F & A | F & A | F & A | F & A | F & A |
| | Bearing Surface | 3 1/2" | 3 1/2" | 3 1/2" | 3 1/2" | 3 1/2" | 3 1/2" | 2 1/2" | 2 1/2" |
| Spacing of Cleats | 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 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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