

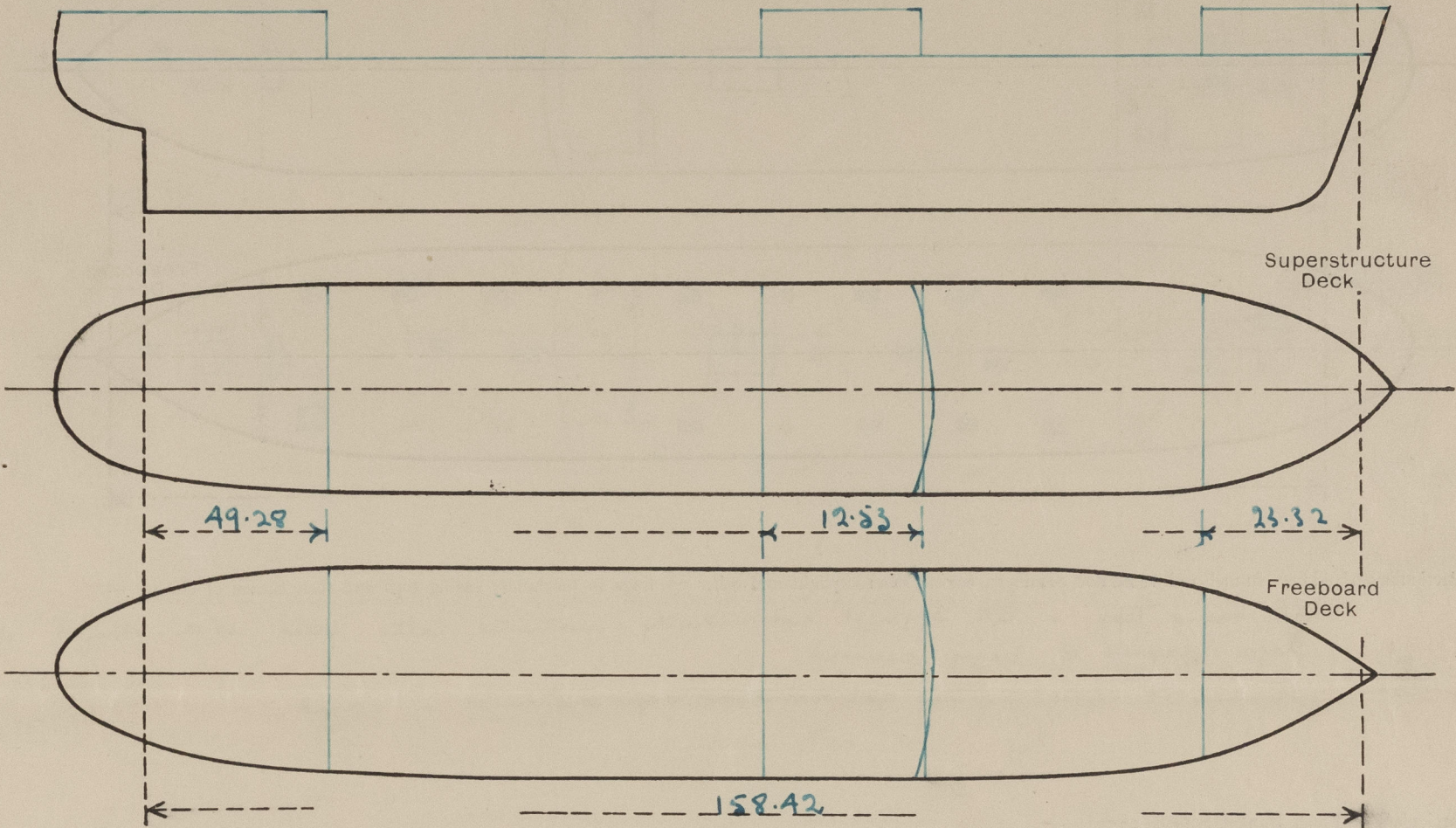
28 JAN 1953

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

Index No. _____
(For London Office only.)

Ship's Name	CALIFORNIA MARU	Port of Survey	Kobe
Official Number	68763	Surveyor's Signature	Revised King
Nationality and Port of Registry	JAPAN Tokyo	Date of Survey	7/1952

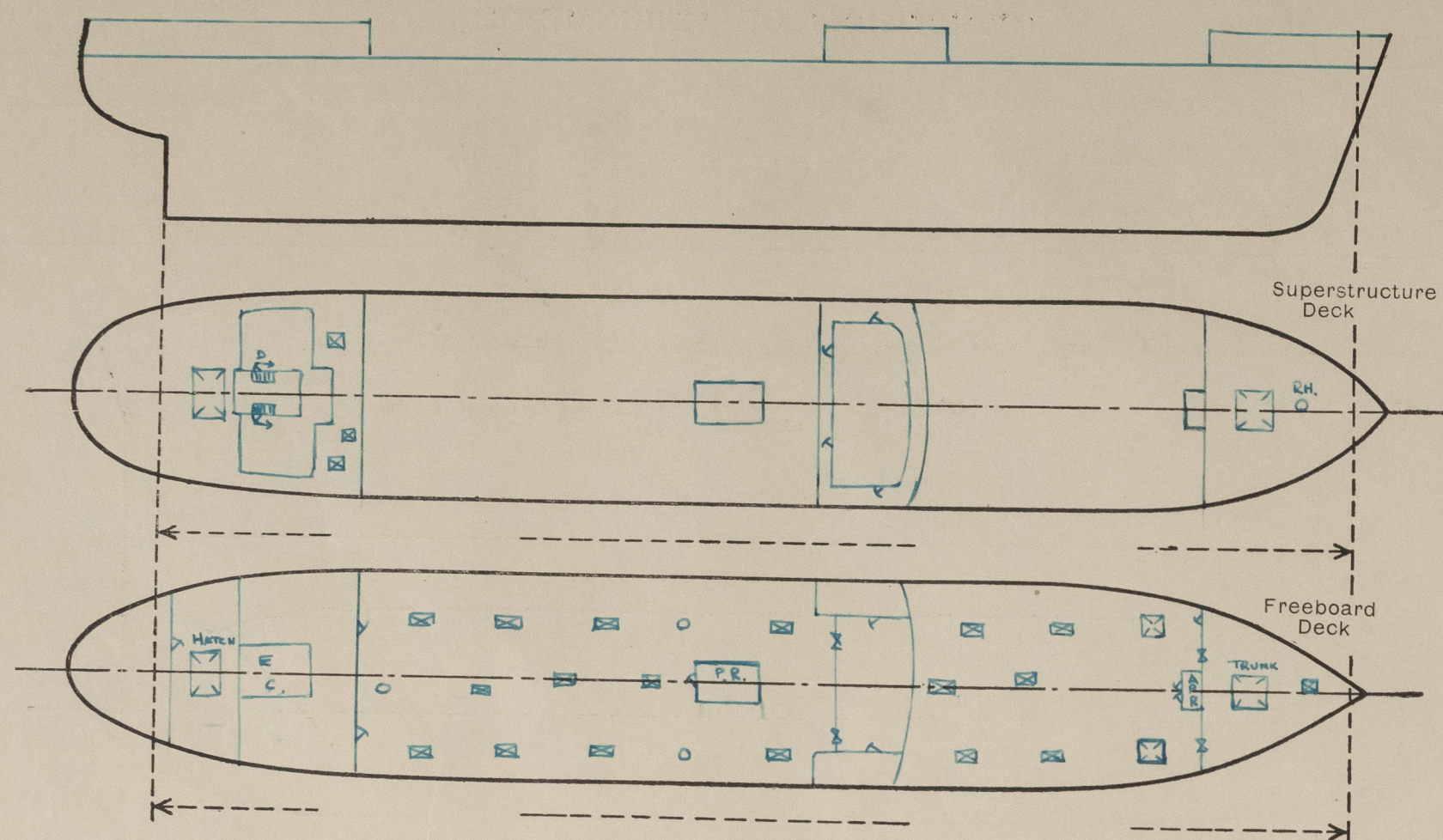
Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement :—



Particulars of Superstructures, Trunks, Casings, Deckhouses.									
NEW	OLD STRUCTURE IN INCHES	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead	EXISTS	44"	44" / 40"	10 x 3 1/2 x 3/32 BA	2'-5"	T. Lugged B. BKT.	5'-0" / 2'-6"	18"	7'-9"
Raised Quarter Deck Bulkhead									
Bridge, After Bulkhead		8 3/4"	8 3/4"	90 x 12 FB.	660	T. Welded B. BKT.	1470 / 915	380	2362.
Bridge, Forward Bulkhead		11 1/4"	11 1/4"	230 x 90 x 11 BA	660	T. Lugged B. BKT.	1650 / 750	460	2362.
Forecastle Bulkhead		8 3/4"	8 3/4"	90 x 12 FB.	650	T. Welded B. BKT.	1470 / 915	380	2362.
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	MAIN P. RM	11 1/4"	11 1/4"	230 x 90 x 11 BA	660	T. Lugged B. BKT.	1650 / 750	610	-
Deckhouses on Flush Deck Ships	MAIN P. RM	8 3/4"	8 3/4"	90 x 12 FB.	650	T. Welded B. BKT.	1650 / 750	610	2362.
Particulars of Closing Appliances (state if capable of being manipulated from both sides).									
Poop Bulkhead		Hinged Steel W/T Doors manipulated from both sides.							
Raised Quarter Deck Bulkhead									
Bridge, After Bulkhead		Boards in Channels permanently attached to bulkhead.							
Bridge, Forward Bulkhead		Hinged Steel W/T Doors manipulated from both sides.							
Forecastle Bulkhead		Boards in Channels permanently attached to 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		Hinged Steel W/T Doors 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:—

E.R. Basing Tops, + E.R. Skylight substantially constructed. Latter fitted with hinged steel flaps capable of being secured.
Funnel + Vent. coamings substantially constructed - stayed.

Particulars of Flush Bunker Scuttles:—

Particulars of Companionways:—

Poop DR House. 34 Coaming. 30 Plating. Stiff 100 x 12 F.B.
Doors:— Hinged steel w/T. Sills 15".
Internal access below protected by steel bulkheads + steel door, 9' coaming.
Bridge DR House:— No access below.

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

Vents on Fore:— 36" high coamings
" " Bridge:— " "
" " Poop:— " "
closed by wood plugs + canvas covers

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

Air Pipes on Fore:— 18" to lip closed by wood plugs
Bridge:— " + canvas covers.
Poop:— " do.

Particulars of Gangway Cargo and Coaling Ports:—

Particulars of Scuppers and Sanitary Discharge Pipes:—

Fore:— outside - fitted with N.R.V. at shell. below FBD DR.
Bridge:— outside - do. above FBD DR.
Poop:— outside - do below FBD DR.

Particulars of Side Scuttles:—

All in superstructures fitted with C.S. Deadlights hinged + permanently attached. All of substantial construction.

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

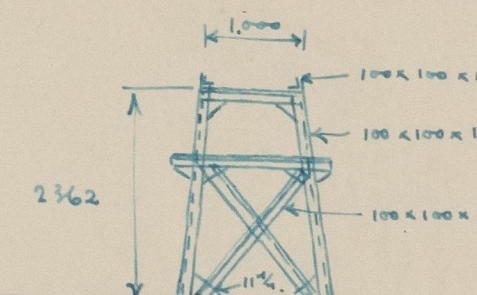
above FBD DR.

Particulars of Guard Rails:—

open rails

Particulars of Gangways, Lifelines, etc.:—

Gangway F + A. as sketch.
Supports at each transverse
i.e. 9' 10 1/2" apart.



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 ...						
Forward Well ...						

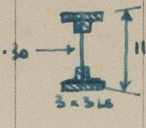
State position of each freeing port ... { After Well:—
(F. and A. position and height above deck edge) { Forward Well:—

open Rails.

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.									
		Fide.		Upper Deck		Lower Deck		Poop	Inside Poop
Description of Hatchway	...	...	...	Cargo Hatch	Special Oil Hatch	Cargo (17) Oil Hatch	Cargo (3) Hatch	O.F. Hatch (3)	Cargo Hatch
Dimensions of Hatchway	...	...	...	48'00 57'00	18'00 20'00	17'80 11'70	12'19 8'	12'00 x 9'00	12'00 10'00
COAMINGS	Height above Deck	...	...	11'00	7'62	7'62	7'62	7'62	3'00
	Thickness	...	...	11	12 1/2	12	12	12	11
	Stiffeners	...	...	11	"	"	"	"	11
	Brackets, Stays	...	...	180 x 75 x 9-5/8 11 1/2 BRKTS	"	"	"	"	180 x 75 x 9-5/8 11 1/2 BRKTS
HATCH BEAMS	Number	...	...	...	...	...	...	...	2
	Spacing	...	...	...	...	...	...	...	4'00
	Scantling and Sketch	...	...	...	...	...	...	...
	Bearing Surface	...	...	...	...	...	...	...	3"
FORE AND AFTERS	Number	...	...	...	...	...	...	...	...
	Spacing	...	...	...	...	...	...	...	...
	Unsupported Lengths	...	...	...	...	...	...	...	...
	Scantling* and Sketch	...	...	...	...	...	...	...	...
HATCH COVERS	Material	...	...	STEEL 10 1/4	Steel 12 1/2	Steel 12 1/2	Steel 12	Steel 12	Wood 2 3/8
	Thickness	...	...	10 1/4	12 1/2	12 1/2	12	12	2 3/8
	How fitted	...	...	STRONGLY CONSTRUCTED	do.	do.	do.	do.	F + A
	Bearing Surface	...	...	STRIPPED	do.	do.	do.	do.	3"
Spacing of Cleats	...	...	...	...	...	...	...	...	24" max.
Number of Tarpaulins	...	...	...	...	...	...	...	...	2.
*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 :—

Rope Hatch on Fide:- 24" dia. 24" coaming Steel Hinged cover.
 Hatch in Fide:- Trunked.
 Access below in Poop:- Hatch 6'-0" x 10'-0" - 9" coaming + Wood cover.

* STEEL HATCH 10 1/4 Stiffen 300 x 200 x 10 spaced 1140" apart. I Boundary angle 210 x 100 x 10
 Handhole in Steel Hatch cover 500 x 500 - hinged steel w/ 10 1/4 thick.

