

REIVED 10 JUN

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS										
Description of Hatchway	Bridge Deck						Shelter Dk.		Small Hatch	
	N ^o 1 & 5	N ^o 2	N ^o 3	N ^o 4	N ^o 6	Bridge Dk.	N ^o 2 3 & 4			
Dimensions of Hatchway	27'-0" x 20'-0"	31'-6" x 20'-0"	27'-0" x 20'-0"	27'-0" x 20'-0"	8'-0" x 16'-0"	15'-6" x 20'-0"	Dimensions as Bridge	24'-9" x 20'-0"	F' clo 1	
COAMINGS	Height above Deck	30 1/2"	30 1/2"	30 1/2"	30 1/2"	30 1/2"	30 1/2"	30 1/2"	2'-6" x 2'-6"	
	Thickness	.5	.5	.5	.5	.5	.5	.5	19 1/2" high	
COAMINGS	Sides	8' x 3' x 3/4 BA	4' x 4'	4' x 4'	4' x 4'	4' x 4'	4' x 4'	4' x 4'	4' x 4' thick	
	Stiffeners	horizontal	horizontal	horizontal	horizontal	horizontal	horizontal	horizontal	3" steel	
COAMINGS	Brackets, Stays	3	4	3	3	✓	2	✓	cross hinged	
	Sides	3	4	3	3	✓	2	✓	Bridge	
HATCH BEAMS	Number	2	1	2	1	1	1	1	2-3' x 3'-3'	
	Spacing	17" & 14" Sides	17" & 14" Sides	17" & 14" Sides	17" & 14" Sides	17" & 14" Sides	17" & 14" Sides	17" & 14" Sides	30" high x 3'	
HATCH BEAMS	Scantling and Sketch	3 x 3 x 5/8	web plates 140 angles 4 x 3 x 4/8	plates 140 angles 4 x 3 x 4/8	plates 140 angles 4 x 3 x 4/8	plates 140 angles 4 x 3 x 4/8	plates 140 angles 4 x 3 x 4/8	plates 140 angles 4 x 3 x 4/8	3" wood covers	
	Bearing Surface	3"	3"	3"	3"	3"	3"	3"	2 1/2" bearers	
FORE AND AFTERS	Number	none	none	none	none	none	none	none	24" cleats	
	Spacing	none	none	none	none	none	none	none	3" tarp ins	
FORE AND AFTERS	Unsupported Lengths	none	none	none	none	none	none	none	1 in alleyway	
	Scantling* and Sketch	none	none	none	none	none	none	none	4'-6" x 4'-6"	
FORE AND AFTERS	Bearing Surface	none	none	none	none	none	none	none	19" high 3/8"	
		none	none	none	none	none	none	none	2 1/2" wood covers	
HATCH COVERS	Material	Wood	Wood	Wood	Wood	Wood	Wood	Wood	20" cleats	
	Thickness	3 1/2"	3 1/2"	3"	3"	3"	3"	3"	2 1/2" bearers	
HATCH COVERS	How fitted	Ft A	Ft A	Ft A	Ft A	Ft A	Ft A	Ft A	2 tarpaulins	
	Bearing Surface	3	4	4"	4"	4"	4"	4"		
Spacing of Cleats	23"	23"	23"	23"	23"	23"	23"	23"		
Number of Tarpaulins	2	2	2	2	2	2	2	2		
*Are wood fore and afters steel shod at all bearing surfaces? <input checked="" type="checkbox"/>										
Are battens and wedges efficient and in good condition? <input checked="" type="checkbox"/>										
Are tarpaulins in good condition and in accordance with rule requirements? <input checked="" type="checkbox"/>										
Are lashings provided in accordance with rule requirements? <input checked="" type="checkbox"/>										
Particulars of fiddley, funnel and ventilator coamings: —										

Particulars of fiddle, funnel and ventilator coamings:—

Stokehold ventilators covered with steel plates ✓
 Engine Room Skylight of Steel Strongly constructed ✓
 Fiddle & funnel ventilator coamings in efficient condition ✓

Particulars of Flush Bunker Scuttles:—

2 PTS on Bridge Deck Bayonet fastenings ✓

Particulars of Companionways:—

Engine Room & Stokehold doors, steel hinged, manipulated both sides ✓
 Tunnel Escape " " " " " " ✓
 Seamen's accommodation Wood doors PTS Sides of Steering Engine house. ✓

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

Particulars of Ventilators in exposed positions on freeboard and superstructure decks:																		
POSITION	N ^o	DIA	HT	TK	LED. TO.	POSITION	N ^o	DIA	HT	TK	LED. TO	POSITION	N ^o	DIA	HT	TK	LED. TO	
F'ckle	1	12	17	3/8	F. PEAK ✓	BRIDGE	2	12	7-6	3/8	SHELTER DK ✓	AFT DK	1	25	10-0	3/8	N ^o 5 HOLD	
"	1	25	36	3/8	N ^o 1. HOLD ✓	"	1	18	7-6	3/8	" " ✓	"	1	25	42	3/8	N ^o 6 " ✓	
"	3	6	10	CT	FIRE STORES ✓	"	1	15	42	3/8	BRIDGE " ✓	"	"	2	12	5-0	3/8	ACCOMM " ✓
F. WELL	1	25	10 1/2	3/8	N ^o 1 HOLD ✓	"	1	25	42	3/8	N ^o 4 HOLD ✓	"	"	1	9	34	3/8	" ✓
BRIDGE	1	25	42	3/8	N ^o 2 " ✓	"	2	6	18	1/4	ACCOMM " ✓	"	"	"	"	"	"	"
*	2	12	42	3/8	SHELTER DK ✓													

all Ventilators above 42" high are stayed to bulk heads. ✓
 all Ventilators are made in accordance with Rule Requirements & covered with plugs & canvas. ✓

* See note Page 4. alterations.

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

F'ckle	2-3" dia	20" high	to Fore Peak	no cover	Aft Deck	1-4 1/2" 18" high	to DB 61 Fuel Tank	covered gauge	✓
"	1-2 1/2"	10"	to DB 61 Fuel Tank	covered gauge	"	2-3" 6" 3/8"	to F.W. Tank	no covers	✓
"	2-4"	18"	to DB 61 Fuel Tank	covered gauge	"	2-3" 6" 3/8"	to Aft peak	no covers	✓
Fore Well	4-4"	18"	"	"	"	"	"	"	✓
Bridge	15-4"	18"	"	"	"	"	"	"	✓
"	2-6"	18"	"	"	"	"	"	"	✓

Satisfactory means of closing provided for all air pipes other than those fitted with caps. Secured internally by 24 Studs & dog clamps. ✓

Particulars of Gangway Cargo and Coaling Ports:—

1 PTS Bridge Tween Deck. 5'-0" x 5'-0" by 24 Studs & dog clamps. ✓



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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 Free-board 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 ...

steel plates secured by hook bolts.

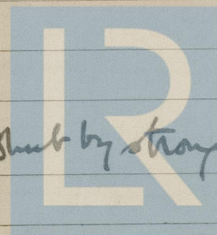
steel plates secured by hook bolts.

steel plates secured by hook bolts.

steel hinged doors manipulated both sides.

steel hinged doors not used & permanently fastened shut by strong-back bars & bolts.

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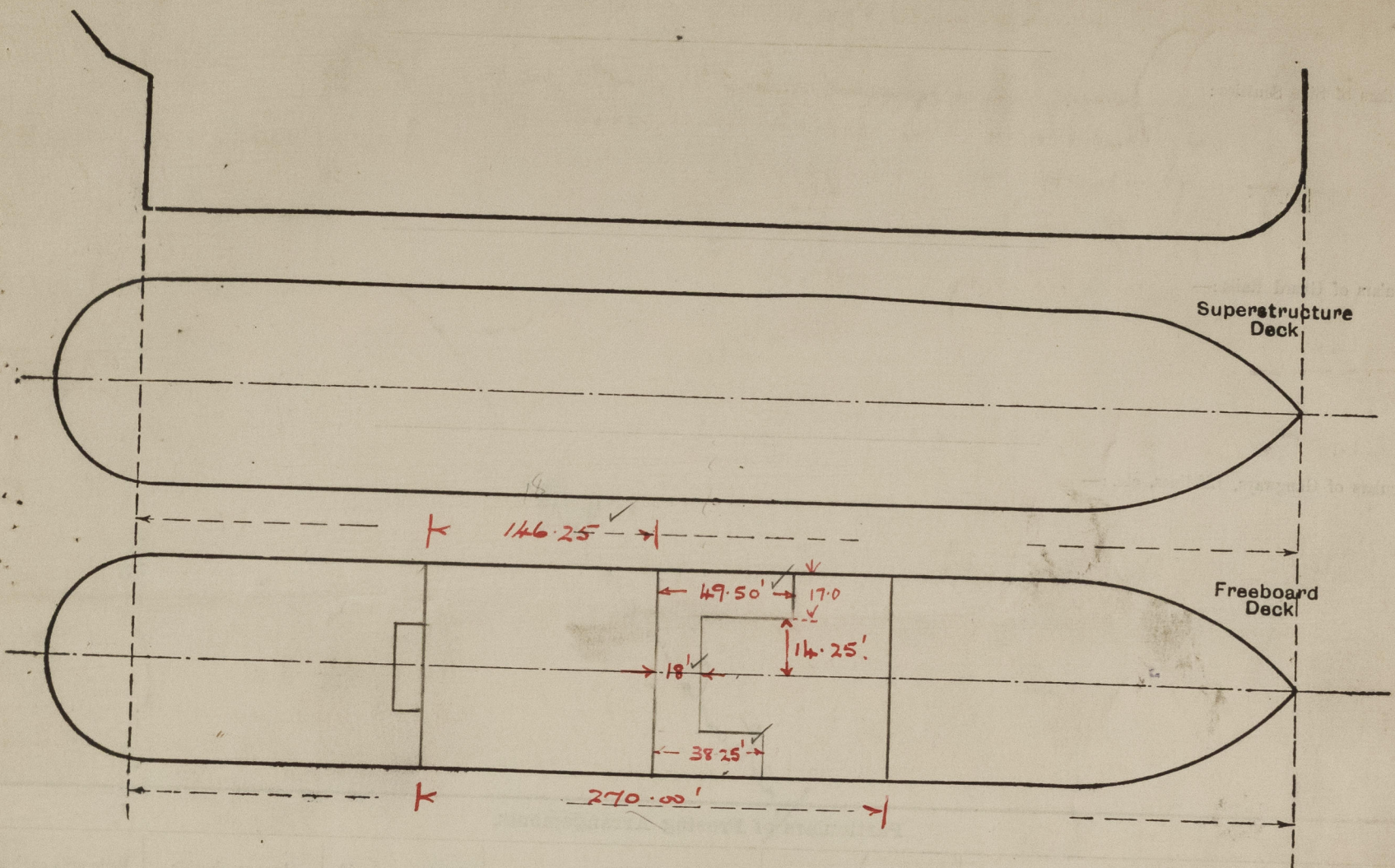


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Memorandum of alterations reported since ship was surveyed for assignment of Load Lines
in Feb. 1932

Superstructure bulkheads, trunks, deckhouses, casings, cargo and coaling hatchways, extent and thickness of sheathing on the freeboard deck, gangway, cargo and coaling ports, and any other openings, etc., which would affect the seaworthiness of the ship are to be shewn on the following sketches:—



020634

State any special features in the construction of the ship:—

Portion II
 Main Bridge 164.25
 S.H. $51.75 \times 17' + 14.07$
 $31.25 \times 2' 178.32$
 Portion
 Fore Bridge 270
 178.32
 $91.68 \times .90 = 82.51$
 Equival
 Enclosed
 178.32
 260.83

Builder's name and yard number



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Thickness Ends
Stiffeners ... horizontal 8" x 3" x 3/8 BA on sides & ends of all hatches except No. 6.
Brackets, Stays sides ... 3 4 2

Tekoa

Particulars of Scuppers and Sanitary Discharge Pipes —

Particulars of Side Scuttles :

Particulars of Guard Rails :—

Particulars of Gangways, Lifelines, etc. :—

Particulars as before

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 :— 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 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						(2) 5'-0" x 3'-5"	18"	
Bridge, Forward Bulkhead								
Forecastle Bulkhead								
Trunk, Aft								
Trunk, Forward								
Exposed Machinery Casings on Free-board or Raised Quarter Decks ...								
Exposed Machinery Casings on Super-structure Decks								
Machinery Casings within Superstructures not fitted with Class I Closing Appliances								
Deckhouses on Flush Deck Ships ...								

Tekoa

Deck Scuppers: 1 PTS Fore 3'-0" below Freeb^d deck Single Storm Valve ✓
1 PTS Ford Well 1 2 PTS Aft deck 3'-0" below Freeb^d Dk no valves ✓
4 PTS From Bridge Dk. 3'-0" below Bridge Dk no valves ✓
6 PTS " Shelter Dk 3'-0" " Freeb^d Dk. Single Valves ✓
2 S " Brine & Soap Rooms 3'-0" " " " ✓

Particulars of Scuppers and Sanitary Discharge Pipes:—

Discharges: 1-2 S Midships 3'-0" below Freeb^d Deck Single Storm Valves. ✓
14 P 8 8 " 7'-0" " " " " " ✓
10 P 8 8 aft 7'-0" " " " " " " ✓
1 P 8 8 " 12'-0" " " " " " " ✓
2 P 2 P 1 S Midships 10'-0" above Freeb^d deck no valves.

Particulars of Side Scuttles:—

Fore 1-PTS 10" Dia 2'-6" below deck. hinged glasses & hinged deadlights
Bridge. 4 P 8 S 12" " 2'-6" " " " " " " ✓
aft 7 P 8 S 10" " 2'-6" " " " " " " ✓
all Scuttles of substantial construction ✓

Particulars of Guard Rails:—

Fore } 3 Rails & Stanchions 41" high 4'-0" apart.
Bridge }
F & A Wells }

Particulars of Gangways, Lifelines, etc.:—

None.

Efficient appliances for the protection of the crew
have been provided

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	Total Length To Fore end of Side house 63'-9"	3'-6"	6 pen Rails 60'-6" long.	✓		
Forward Well	Total 45'-0"	3'-6"	6 pen Rails 28'-0"	✓		

State position of each freeing port ... After Well:—
(Fore and Aft 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 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	✓	3/8" ✓	4"x3"x 7/16 ✓	29" ✓	none ✓	5'-6"x4'-0" ✓	19" ✓	8'-0" ✓
Bridge, Forward Bulkhead	✓	7/16" ✓	9"x3 1/2"x 1/2" BA ✓	27" ✓	Brackets Top & Bottom ✓	none ✓	✓	8'-0" ✓
Forecastle Bulkhead	✓	1/4" ✓	3"x3"x 3/8" ✓	at 6 penings ✓	none ✓	5'-6"x4'-0" ✓	15" ✓	7'-11" ✓
Trunk, Aft	✓							
Trunk, Forward	✓							
Exposed Machinery Casings on Free-board or Raised Quarter Decks	✓							
Exposed Machinery Casings on Superstructure Decks	✓	7/16" ✓	4x3x 7/16 ✓	40" ✓	Brackets Top ✓	5'-0"x2'-0" ✓	18" ✓	7'-10" ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓	7/16" ✓	4x2x 7/16 ✓	40" ✓	" ✓	5'-0"x2'-0" ✓	15" ✓	8'-0" ✓
Deckhouses on Flush Deck Ships	✓							

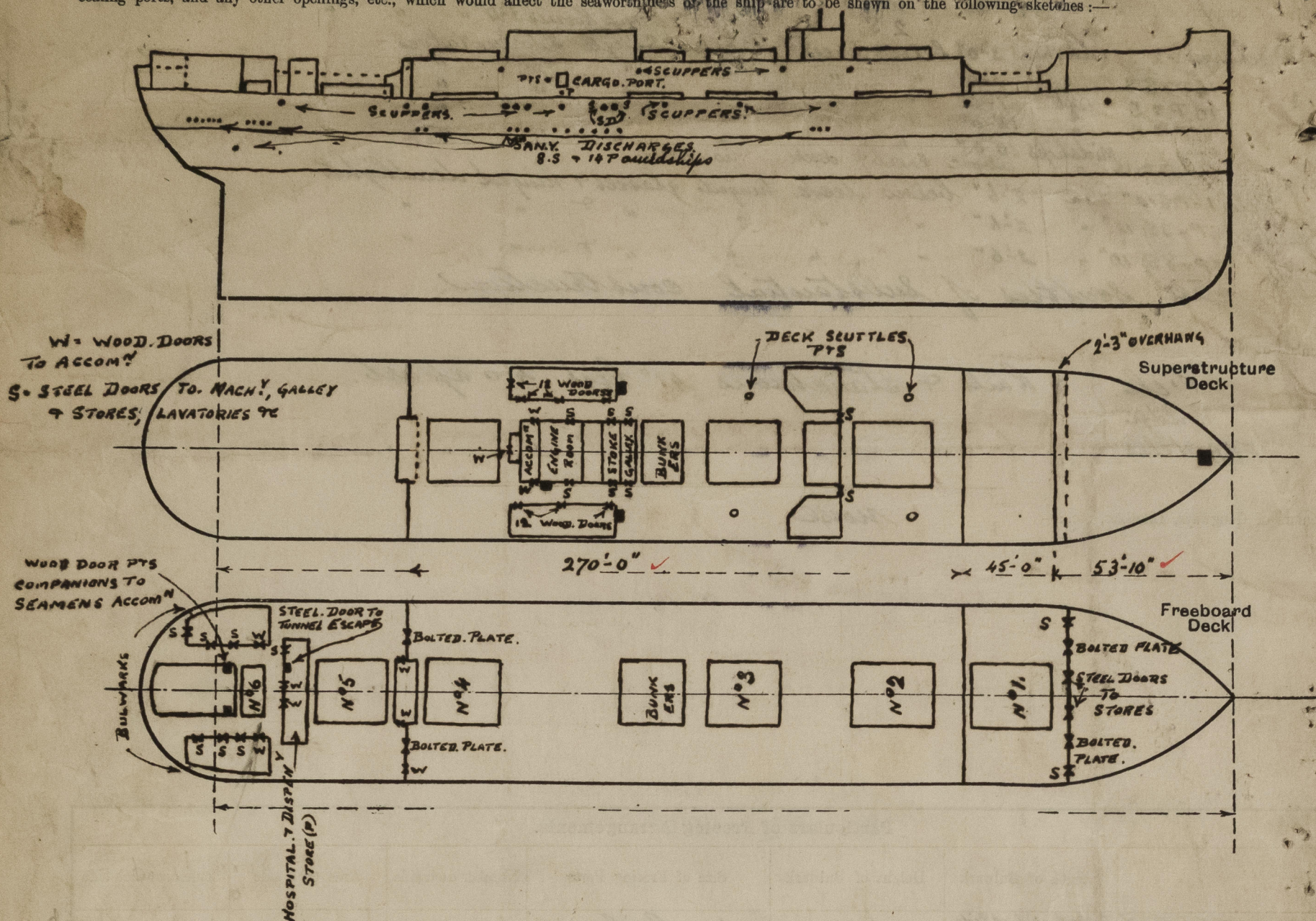
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead	✓
Raised Quarter Deck Bulkhead	✓
Bridge, After Bulkhead	Steel plates secured hook bolts & nuts manipulated outside ✓
Bridge, Forward Bulkhead	✓
Forecastle Bulkhead	Steel plates secured hook bolts & nuts manipulated outside ✓
Exposed Machinery Casings on Free-board or Raised Quarter Decks	✓
Exposed Machinery Casings on Superstructure Decks	Steel hinged doors manipulated both sides ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	Steel hinged doors not used & permanently fastened shut by strong back bars & bolts. ✓
Deckhouses on Flush Deck Ships	✓

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Superstructure bulkheads, trunks, deckhouses, casings, cargo and coaling hatchways, extent and thickness of sheathing on the freeboard deck, gangway, cargo and coaling ports, and any other openings, etc., which would affect the seaworthiness of the ship are to be shown on the following sketches:—



State any special features in the construction of the ship:— alterations now in progress:— The oil fuel cross bunker is being extended upwards to the Shelter deck, which is to be plated over to form the crown of the tank. The four hatch coamings 6'-0" x 5'-0" 20" high $\frac{3}{8}$ " thick having $\frac{3}{8}$ " steel covers stiffened by two 3" x 3 $\frac{1}{2}$ " angle stiffeners are to be removed from the present tank top on the main deck & refitted on new tank top. Two 12" ventilators* will be dispensed with. Additional Insulated chambers are being fitted in the Shelter decks of Nos 1, 2, 3 & 4 & the positions of certain Sanitary discharges amidships will be altered to make them accessible at all times. ✓

Vessel Surveyed in Dry Dock

Builder's name and yard number *Earle's Co Ltd. Hull.*

Names of sister ships ✓

Owners *New Zealand Shipping Co Ltd.*

Fee £ *16 : 3 : 0*

Received by me



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