





# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway		N <sup>o</sup> 1	N <sup>o</sup> 2						
Dimensions of Hatchway		10.780 x 5.200	10.810 x 5.200						
COAMINGS	Height above Deck	1320	1130						
	Thickness	10	10						
	Stiffeners	SEE SKETCH	SEE SKETCH						
	Brackets, Stays	4	4						
HATCH BEAMS	Number	6	6						
	Spacing	EQUAL	EQUAL						
	Scantling and Sketch	PL 380x8	PL 380x8						
	Bearing Surface	100	100						
FORE AND AFTERS	Number								
	Spacing								
	Unsupported Lengths								
	Scantling* and Sketch								
HATCH COVERS	Material	pine	pine						
	Thickness	63	63						
	How fitted	LONGITUDINAL	LONGITUDINAL						
	Bearing Surface	100	100						
Spacing of Cleats		150x600	150x600						
Number of Tarpaulins		2	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? ☒ In connection with the breadth of hatchways being over 60% of moulded breadth additional lashings on hatchways are fitted

Particulars of Fiddle, funnel and ventilator coamings:—

Fiddle, funnel and ventilator coamings in efficient condition  
Engine skylight of steel strongly constructed and skylights closed by steel hinged flaps

Particulars of Flush Bunker Scuttles:—

none fitted ☒

Particulars of Companionways:—

Steel companion way on fore-castle deck line of opening 1080 x 640 sill 600  
Steel hinged door operated from both sides.  
In machinery casing opening 1400 x 610 sill 490 leak wood hinged doors 38mm thick and operated from both sides.

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

On poop deck one ventilator diam. 155 x 7 1/2 height 1.100 supported  
two " " 200 x 7 1/2 height 3.100 " "  
of mushrooms  
On foreboard deck one ventilator diam 200 x 7 1/2 height 2.700 supported.  
All ventilator coamings closed by wood plugs and canvas covers

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

On fore-castle one air pipe height 630.  
In forewell on foreboard deck two air pipes height 860 with sniffling holes goose-neck below rail profile.  
On R. Q. Deck four air pipes height 770. being with sniffling holes goose-neck below rail profile.  
On Poop deck two air pipes height 480.  
All air pipes closed by wood plugs and canvas covers.

Particulars of Gangway Cargo and Coaling Ports:—

none fitted

Particulars of Scuppers and Sanitary Discharge Pipes:—

W.C. from above poop deck to motor room space with storm valves (brass) at ship side, valve can be screwed down from <sup>about</sup> foreboard deck and is always accessible in motor room.  
Sanitary discharges from poop space with storm valves at ship side and screw-down valves. Sanitary discharges from above the poop deck transom valves at ship side

Particulars of Side Scuttles:—

In poop and engine room space side scuttles of substantial construction and fitted with hinged deadlight.

Particulars of Guard Rails:—

In forewell, R. Q. Deck and Poop deck steel bulwark.  
On Poop deck height of steel bulwark 920.  
On fore-castle open rail height 850 stanchions 1160 apart.

Particulars of Gangways, Lifelines, etc.:—

Efficient lifelines are fitted from poop to fore-castle over hatchways

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 R. Q. Deck	16200.	900	1000 x 230	5	109.2 dm	107.1 dm.
Forward Well	11300	990	1300 x 230	5	143.8 "	94.9 "

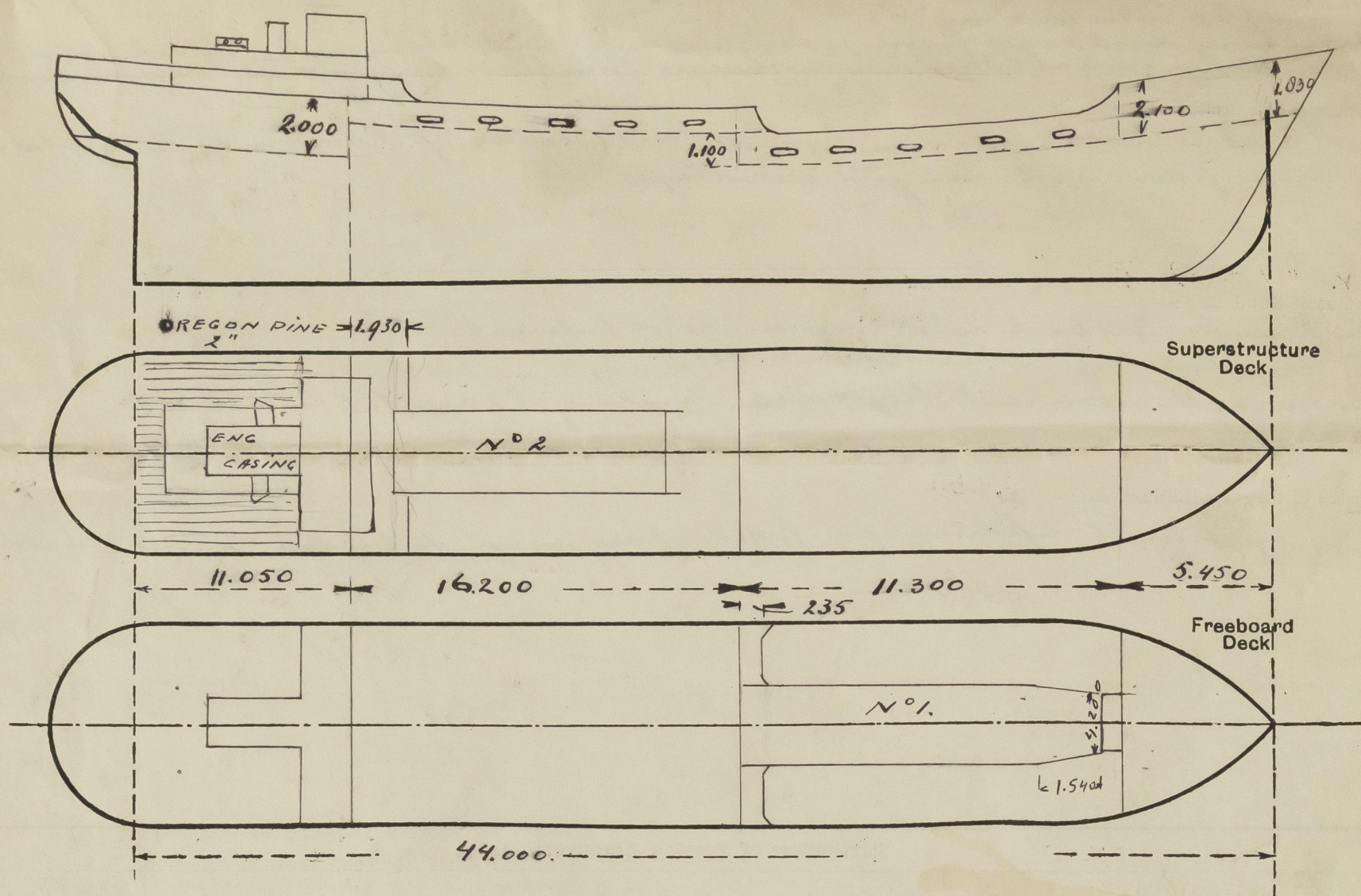
State position of each freeing port ... After Well:— see sketch  
(F. and A. position and height above deck edge) } Forward Well:—  
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— height above deck 160 mm.  
Additional area where sheer is less 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	—	6 1/2	150 x 75 x 9	750	brackets	no opening	✓	900.
Raised Quarter Deck Bulkhead	—	9	115 x 65 x 8	700	lugs	"	✓	1100.
Bridge, After Bulkhead	—	—	—	—	—	—	—	—
Bridge, Forward Bulkhead	—	—	—	—	—	—	—	—
Fore-castle Bulkhead	6	6	475 x 65 x 8	680	none	1240 x 930	600	2100.
Trunk, Aft	—	—	—	—	—	—	—	—
Trunk, Forward	—	—	—	—	—	—	—	—
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	—	—	—	—	—	—	—	—
Exposed Machinery Casings on Superstructure Decks	—	6	475 x 65 x 7	710	none	650 x 1.440	460.	2140
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	—	—	—	—	—	—	—	—
Deckhouses on Flush Deck Ships	—	—	—	—	—	—	—	—

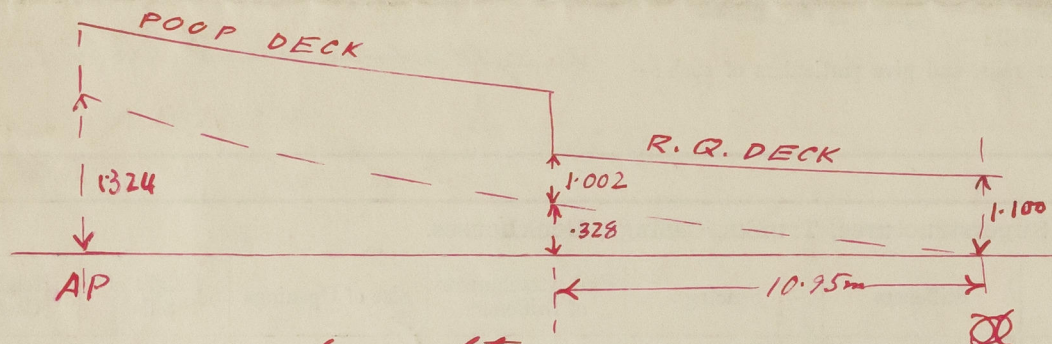
Particulars of Closing Appliances (state if capable of being manipulated from both sides).	
Poop Bulkhead	✓ No openings
Raised Quarter Deck Bulkhead	✓ No openings
Bridge, After Bulkhead	✓
Bridge, Forward Bulkhead	✓
Fore-castle Bulkhead	portable steel plates on hook bolts not passing through bulkhead.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	✓
Exposed Machinery Casings on Superstructure Decks	leak wood hinged door 50mm thick operated from both sides.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	—
Deckhouses on Flush Deck Ships	—



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:—



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



allowed sheer aft

Actual sheer at Poop trans 230  
Excess height of R. 2. D. 98  
328

Virtual sheer at aft Poop.  $328 \times \left(\frac{22.0}{10.95}\right)^2 = 1324 \text{mm}$

Actual height of R. 2. D. 1,100mm  
Standard " " " 1,002  
1,098mm

Builder's name and yard number Scheepwerf. "Waterhuizen" J. J. Pattij. yard N° 173.

Names of sister ships

Owners H. Mulder. Haren (Gz.)

Fee £ fl. 72.00. will be Received by me J. H. Kohnmeijer



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