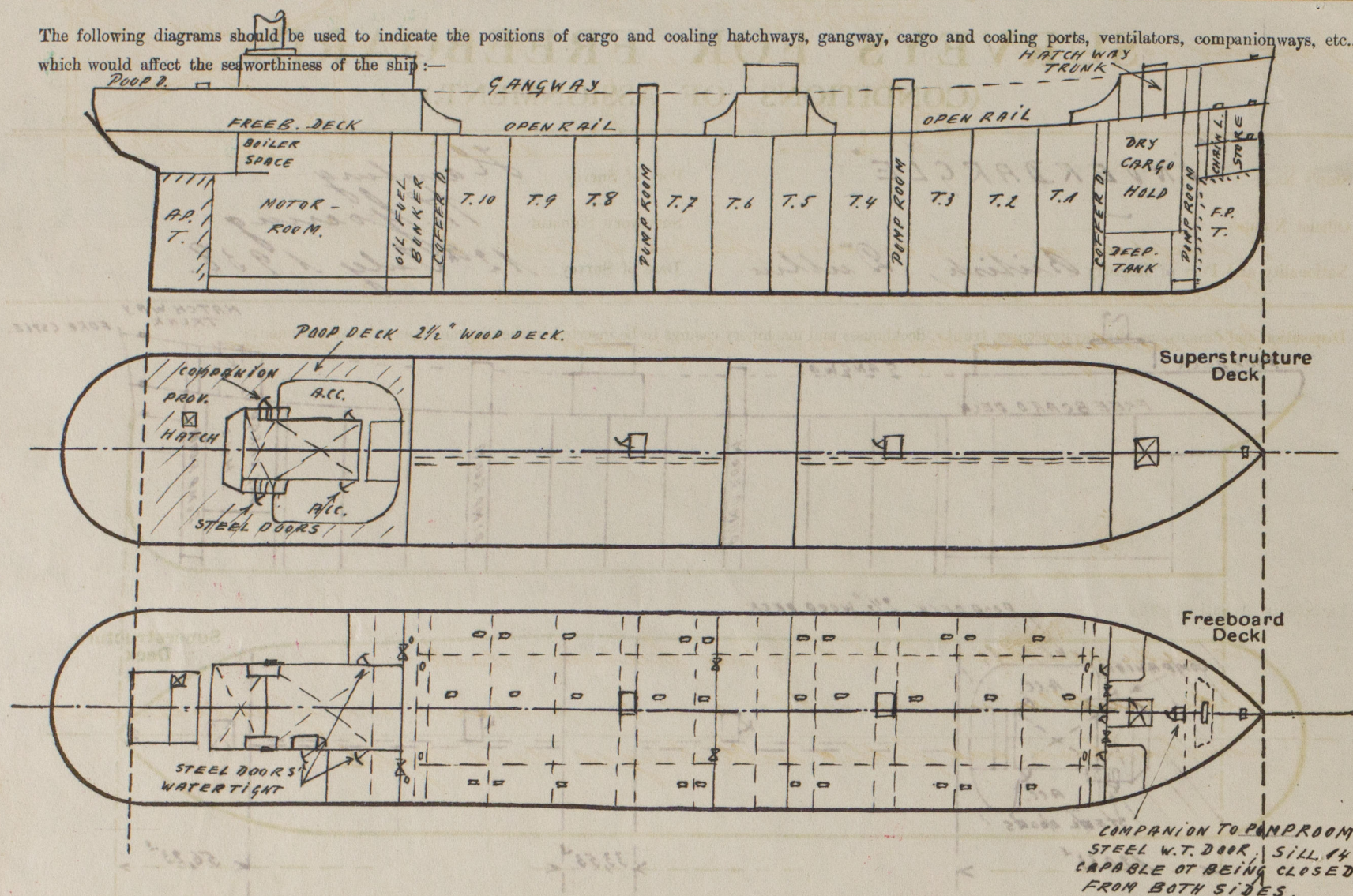






# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

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 top 8'6" above poop deck.  
Funnel and ventilator coamings efficiently fastened to the fiddle-deck.  
Engine room skylight of steel strongly constructed.  
Openings in fiddle top closed by hinged steel covers.

Particulars of Flush Bunker Scuttles:

None.

Particulars of Companionways:— Two companionways on poop deck to accommodations closed by steel hinged doors, capable of being manipulated from both sides.  
Sill of doors 18" above wood deck on poop deck.

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

On forecable dk. two ventilators to fore. dry cargo hold 15 1/2" diam. coaming 36" high, 36" thick.  
" " two " to fore. store room 12" diam. " 36" high, 32" thick.  
" " two " to fore. pump room 15 1/2" diam. " 36" high, 36" thick.  
On freeboard dk. two " to fore. & after coffer dam 8" diam. " 36" high, 32" thick.  
The ventilators are capable of being closed by steel screwed covers.

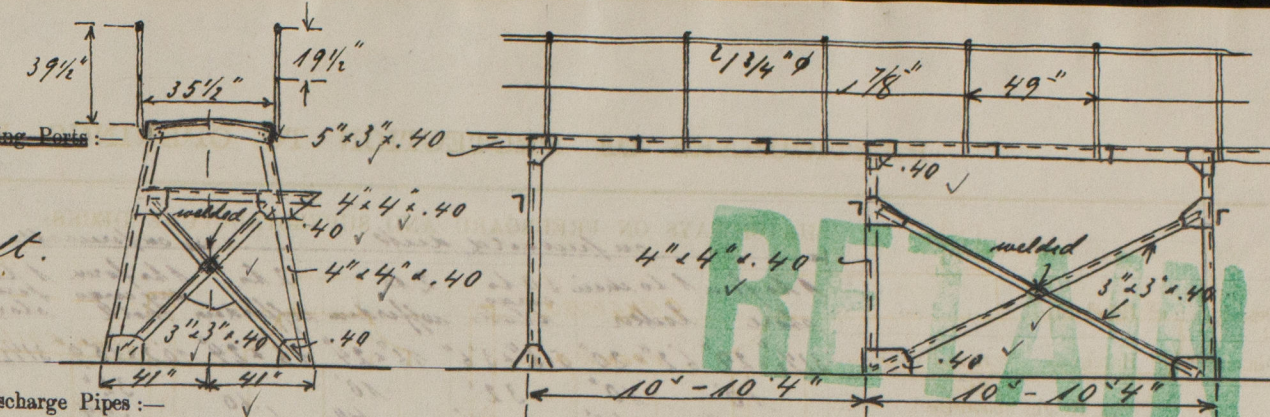
Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:

Air pipe to fore peak tank 26" above forecable deck.  
Air pipes to after double bottom tanks & after peak tank 26" above poop deck.  
All air pipes are of substantial construction and fitted with wooden plugs and canvas covers.

*Inverdargle*

Particulars of Gangway Cargo and Coaling Ports:

*Gangway fore & aft.*



Particulars of Scuppers and Sanitary Discharge Pipes:

7 scuppers on each side above freeboard deck 8" x 3 1/2"  
9 scuppers on each side above freeboard deck 4" x 2"  
All sanitary discharge pipes are fitted with storm valves.

Particulars of Side Scuttles:

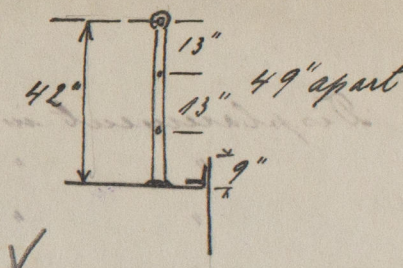
~~No side scuttles fitted below freeboard deck.~~  
Side scuttles in forecable and poop spaces are of substantial construction and fitted with hinged dead lights.  
6 Strongly-constructed side scuttles with hinged dead lights (3P and 3S) are fitted below the freeboard deck aft in way of store room and steering gear spaces.

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

10600 m/m

Particulars of Guard Rails:

Open rail on freeboard deck, forecable and poop deck.



Particulars of Gangways, Lifelines, etc.:

No lifelines fitted.

## 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 ... ..			Open rail ✓			
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.

RETAIN



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W477-0160 2/2



PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
<div> <div>on freeboard deck</div> <div>on superstructure deck</div> </div>									
Description of Hatchway	1 to form shore	1 to chain locker	3 to large tanks	2 to upper deck	2 to lower deck	1 to form tank	1 to forward shore	on poop deck	
Dimensions of Hatchway	31 1/2" x 24"	62" x 20"	56" x 36"	16" x 24"	16" x 24"	102" x 159"	31 1/2" x 24"	40" x 48"	
<div> <div>HEIGHTS</div> <div> <div>Height above Deck</div> <div>Thickness</div> <div>Stiffeners</div> <div>Brackets, Stays</div> </div> </div>	10"	10"	32"	10"	10"	32"	10"	29"	
	40"	40"	44"	40"	40"	44"	40"	40"	
	40"	40"	44"	40"	40"	44"	40"	40"	
	✓	✓	✓	✓	✓	✓	✓	✓	
HATCH BEAMS	Number		Spacing		Scantling and Sketch		Bearing Surface		
	none		none		none		none		
FORE AND AFTERS	Number		Spacing		Unsupported Lengths		Scantling* and Sketch		
	none		none		none		none		
HATCH COVERS	Material	Steel	Steel	Steel	Steel	Steel	Steel	Steel	
	Thickness	40"	40"	60"	40"	60"	48"	26"	
	How fitted	hinged rubber packing	hinged rubber packing	hinged rubber packing	hinged rubber packing	hinged rubber packing	hinged rubber packing	hinged rubber packing	
	Bearing Surface	Steel	Steel	Steel	Steel	Steel	Steel	Steel	
Spacing of Cleats		Number of Tarpaulins		none		none		none	

\*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:— Tanker with two longitudinal bulkheads. ✓  
 This vessel has been surveyed during construction on stocks and afloat. ✓

Displacement in saltwater at 26" draught = 18450 tons; 66.0 lbs per inch.  
 " " " " 27" " = 19242 " ; 66.5 lbs per inch.  
 " " " " 28" " = 20043 " ; 67.1 lbs per inch.  
 " " " " 29" " = 20850 " ; 67.6 lbs per inch.

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.

Particulars of Freeing Arrangements	Length of Bulkhead	Height of Bulkhead	Size of Freeing Ports	Number each side	Area each side	Ratio area each side
Forward Well						
Aft Well						