

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS				
Description of Hatchway	Drift-hatches to Main Cargo Tanks	Drift-hatches to Summer-tanks & Curculs	Watertight-hatch to Hold forward	Drift-hatches to Bunkers aft
Dimensions of Hatchway	6'0" x 4'0"	6'0" x 3'0"	8'4" x 12'0"	6'0" x 4'0"
COAMINGS	Height above Deck	31"	31"	7"
	Thickness Sides	.50"	.50"	.50"
	Thickness Ends	.50"	.50"	.50"
	Stiffeners	None	None	None
HATCH BEAMS	Brackets, Stays	None	None	None
	Number	None	None	None
	Spacing	None	None	None
	Scantling and Sketch	None	None	None
FORE AND AFTERS	Bearing Surface	None	None	None
	Number	None	None	None
	Spacing	None	None	None
	Unsupported Lengths	None	None	None
HATCH COVERS	Material	Steel	Steel	Steel
	Thickness	.50"	.50"	.50"
	How fitted	hinged, oiltight	hinged, oiltight	hinged, oiltight
	Bearing Surface	None	None	None
Spacing of Cleats	18" screw-down	18" screw-down	24" screw-down	18" screw-down
Number of Tarpaulins	None	None	None	None

*Are wood fore and afters steel shod at all bearing surfaces? *None fitted.*
 Are battens and wedges efficient and in good condition? *None fitted.*
 Are tarpaulins in good condition and in accordance with rule requirements? *None fitted.*
 Are lashings provided in accordance with rule requirements? *None fitted.*

Particulars of fiddle, funnel and ventilator coamings:— *Fiddle, Casings, Front Coam. 15" x 40", pl. 32", stiff. 4" x 3" x 34" with riv. bar 5" x 3" x 40" & form. brk. at top & carried below deck. Sides of casing protected by steel house. Plating 44" stiff. 10" x 3 1/2" x 48" sp. 30" apart, brk. top & bottom. No openings in front. Openings at after end of alleyway to casing fitted with watertight doors capable of being manipulated from both sides, sill of openings (door) 24". All openings on funnel & fiddle casings are fitted with strongly built, hinged, permanently attached steel covers. Seven (1st/3rd) vent to forepeak. Diam 18" Coam. height 36" thickness .50" placed as shown on sketch. All vents are fitted with permanently attached, hinged steel covers to close watertight. Two (1st/3rd) - pump room. " 18" " 36" " .50" Two (1st/3rd) - each cofferdam. " 9" " 36" " .40"*

Particulars of Flush Bunker Scuttles:— *None fitted.*

Particulars of Companionways:— *Pump room companionway: Coam. pl. 15" x 40", pl. 40", stiff. 4" x 3" x 50" sp. 24" apart & taking post & top angle. Door opening 4'6" x 2", sill 24". Watertight door capable of being manipulated from both sides (Door opening at after side). Two strong companionways of steel secured to deck by riveted angle bars, plating 38", 2 fitted aft of bridge house (p.s.) and one fitted forward of casing (p.s.) door openings 4'6" x 2", sill 24". Watertight doors capable of being manipulated from both sides, all leading to upper. Two (1st/3rd) - pump room. " 18" " 36" " .50" Two (1st/3rd) - each cofferdam. " 9" " 36" " .40"*

Particulars of Ventilators in exposed positions on freeboard and superstructure decks:— *Fore-deck. Two (1st/3rd) vent. to forepeak. Diam 10" Coam. height 30" thickness .40" All vents are fitted with permanently attached, hinged steel covers to close watertight. One - Fore peak " 10" " 30" " .40" One - Fore deck " 17" " 30" " .40"*

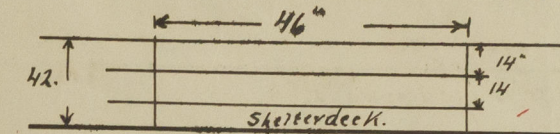
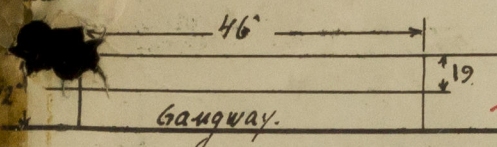
Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:— *6" Swanneck to deep tank forward, 24" from deck to opening. 3" - double bottom tank under deep tank aft, 7'0" from deck to opening, air pipe of strong construction & well stiffened. Woodplugs, not permanently attached, & canvas covers are supplied for all air pipes.*

Particulars of Gangway Cargo and Coaling Ports:— *None fitted.*

Particulars of Sumpers and Sanitary Discharge Pipes:— *separate discharges fitted with an automatic non-return valve next to the ship's side and an upper automatic return valve fitted in an always accessible position for examination. Material - Cast Steel.*

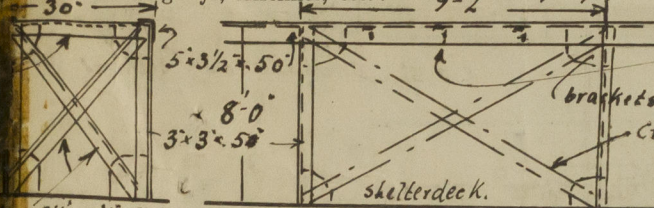
Particulars of Side Scuttles:— *Scuttles are fitted with permanently attached, efficiently constructed, inside dead lights.*

Particulars of Guard Rails:—



Open rails fitted throughout on shelterdeck.

Particulars of Gangways, Lifelines, etc.:—



Gangway fitted from bridge house at ship's L to fiddle casing aft. Crew berthed aft and amidships only.

Cross members 3" x 3" x 50"

brackets 37

Cross stays 2 1/2" x 2 1/2" x 38" one fitted below bridge house & pump room entrance. Two - pump room entrance & fiddle casing.

Particulars of Gangways, Lifelines, etc.:— Lifelines are fitted on top of deckhouse aft (same level as gangway), thus enabling the crew to reach their quarters without ascending on to the freeboard deck. Parls, Steelpl. 3/8" riveted to deck. Wood door at after end cap of being man. fr. both sides. Sill 18".

Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
Fore Well	✓					
Forward Well	✓					

Position of each freeing port:— (K and A position and height above deck edge) After 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.

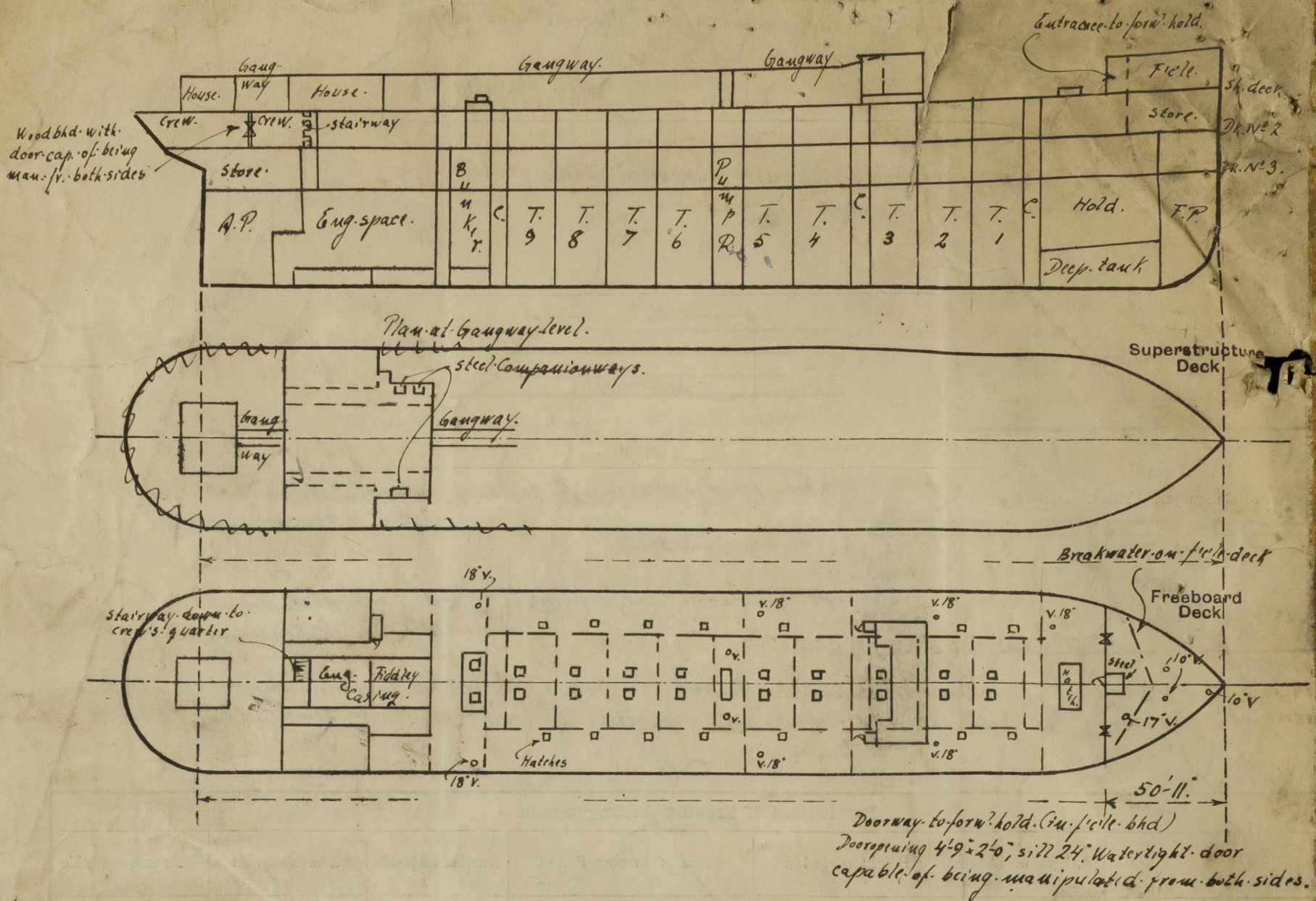
Particulars of Superstructures, Trunks, Casings, Deckhouses.

	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Fore Bulkhead	✓							
Raised Quarter Deck Bulkhead	✓							
Bridge, After Bulkhead	✓							
Bridge, Forward Bulkhead	✓							
Forecastle Bulkhead	15" x 40"	36"	6" x 3" x 42"	30" apart	bracketed top & bottom	5'0" x 4'0"	15"	7'0"
Trunk, Aft	✓		6" x 3" x 34" & 5" x 3" x 40"					
Trunk, Forward	✓		5" x 7" x 3 1/2" x 48" & 3 1/2" x 3 1/2" x 48"	12"	brk. at top & carried bel. deck	None	✓	8'0"
Exposed Machinery Casings on Freeboard	15" x 40"	32"						
Exposed Machinery Casings on Superstructure Decks	✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓							
Deckhouses on Fresh Water Ships	plated vert.	44"	10" x 8 1/2" x 48"	30"	brk. top & bottom	None	✓	8'0"

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

Fore Bulkhead	✓
Raised Quarter Deck Bulkhead	✓
Bridge, After Bulkhead	✓
Bridge, Forward Bulkhead	✓
Forecastle Bulkhead	Steel plates fitted with hook bolts sp. 20" apart. Capable of being manipulated from outside only.
Exposed Machinery Casings on Freeboard	No openings
Exposed Machinery Casings on Superstructure Decks	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓
Deckhouses on Fresh Water Ships	No openings

Superstructure bulkheads, trunks, deckhouses, casings, cargo and coaling hatchways, extent and thickness of sheathing on the freeboard deck, gangway, cargo 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:— Vessel constructed for carrying petroleum in bulk.
Longitudinal framing. — Webframes.

Builder's name and yard number

Newport News Shipbuilding & Drydock Co.

Names of sister ships

Owners

Det. Danske Petroleumskabs Aktieselskab, Copenhagen.

Fee £

Kr. 390

Received by me

Shown on original charts



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