

FOUND FEB 1933

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS													
<div> <div>On Forecastle</div> <div>On Foreboard Deck</div> <div>Inside Fore</div> <div>On Poop</div> </div>													
Description of Hatchway	1-To Cargo Hold	1-W.T. to magazine	2-OT to No. 1 Cofferdam	2-OT to No. 2 Cofferdam	4-OT to No. 3 Coff. Tunnel	38-OT to Cargo Tanks	2-WT to F.W. Tanks	1-to Captain's Flat	1-to F.P.	2-W.T. to magazine	1-W.T. to Steering Engine	1-W.T. to Store	
Dimensions of Hatchway	7'-11" x 5'-5"	3'-0" x 2'-6"	2'-6" x 2'-6"	2'-6" x 1'-9"	2'-6" x 2'-6"	3'-0" x 3'-0"	1'-11" x 1'-3"	3'-3" x 3'-3"	2'-3" x 2'-3"	3'-1" x 6"	2'-6" x 2'-6"	4'-10" x 3'-1"	
COAMINGS	Height above Deck	30"	39"	36"	36"	36"	6x3x10/20	6x3x10/20	12"	27"	12 1/2"	18"	
	Thickness	9/20	9/20	7/20	7/20	7/20	angle	angle	7/20	7/20	7/20	9/20	
	Sides	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Stiffeners	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
HATCH BEAMS	Brackets, Stays	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Number	None	None	None	None	None	None	None	None	None	None	None	
	Spacing	None	None	None	None	None	None	None	None	None	None	None	
	Scantling and Sketch												
FORE AND AFTERS	Bearing Surface												
	Number	one	None	None	None	None	None	None	None	None	None	None	
	Spacing	3'-11 1/2"											
	Unsupported Lengths	5'-0"											
HATCH COVERS	Scantling* and Sketch	Bulb Plate 10"x9/20 angles 2 1/2"x2 1/2"x7/16											
	Bearing Surface	2 1/2"											
	Material	Pine 3"	Steel Plate 9/20	Steel Plate 9/20	Steel Plate 9/20	Steel Plate 9/20	Steel Plate 10/20	Steel Plate 10/20	Steel Plate 8/20	Pine 2 1/2"	Steel plate 8/20	Steel plate 7/20	Steel plate 10/20
	Thickness	3"	9/20	9/20	9/20	9/20	10/20	10/20	8/20	2 1/2"	8/20	7/20	10/20
HATCH COVERS	How fitted	across	efficiently	efficiently						✓	efficiently	efficiently	efficiently
	Bearing Surface	2 1/2"	stiffened	stiffened							stiffened	stiffened	stiffened
	Spacing of Cleats	18 1/2"	fitted with turnbuckles	fitted with turnbuckles						18"	and fitted with turnbuckles		
	Number of Tarpaulins	2								1			
<p>*Are wood fore and afters steel shod at all bearing surfaces? ✓</p> <p>Are battens and wedges efficient and in good condition? ✓</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? ✓</p> <p>Are lashings provided in accordance with rule requirements? ✓</p>													

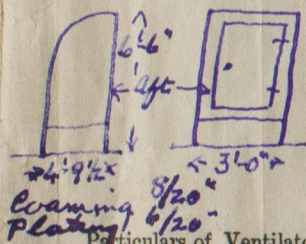
Particulars of fiddle, funnel and ventilator coamings:—

Stokehold gratings covered by strong steel hinged covers.
Fidley + funnel ventilators in efficient condition.
Engine skylight of steel strongly constructed.

Particulars of Flush Bunker Scuttles:—

None

Particulars of Companionways:—



one W.T. Companion hatch on forecastle to crew's quarters, 4'-0" x 3'-0" x 1'-6" high, fitted with steel hinged cover 10/20 thick.
Two on forecastle extension wings, leading to Ford Pump room, doors of steel 5' x 2' sill 18", can be operated from both sides.
Two on U. Deck to engine store + workshops as sketch, door of wood 4'-5" x 2'-6", sill 21". Can be operated from both sides.
One on Poop enclosed by steel deck house, leading to ~~store room~~ Eng. Quarter, door of wood 5'-0" x 2'-6", sill 15". Can be operated from both sides.
One Companion hatch on Poop to ~~store room~~ Store Room, 5'-0" x 4'-6" x 1'-6" high, fitted with wood sliding cover + double wood hinged doors, can be operated from both sides.

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

Forecastle:				Bridge + Boat Decks:				Poop:			
1-10" dia. Coaming	30" x 1/20 to store	All French Mushroom Type.		2-4 dia. Coaming	21" x 5/20 to Cabins	All French Mushroom Type.		16-6" dia. Coaming	7" x 7/20	fitted with screw down covers.	
1-9" "	36" x 1/20 "			1-8" "	21" x 5/20 "			3-10" dia. Coaming	18" x 1/20 to enclosed Poop.		
2-8" "	18" x 5/20 " Fels.			1-9" "	41" x 1/20 " Store			2-6" dia. Coaming	18" x 5/20 to Poop space		
1-8" "	36" x 5/20 " Room			1-8" "	9" x 5/20 "			1-12" dia. Coaming	27" x 1/20 to E. Room Workshop abndships.		
1-16" "	46" x 5/20 " Hold			2-8" "	25" x 5/20 " gallery						
3-6" "	15 1/2" x 5/20 " Rooms			4-16" "	28" x 1/20 to Pump Rooms.						
2-9" "	21" x 1/20 " Fels.			all ventilators fitted with wood plugs + canvas covers where required.							
1-16" "	30 1/2" x 1/20 " Magazine										

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

1-4" dia from F.P. tank, 9" high, C.I. } on Forecastle
2-4" " " Fort deep tank, 9" " " }
1-4" " " aft peak tank, 9" high C.I. } on Poop.
1-4" " " deep Tank, 9" " " }

all air pipes of goose neck type + fitted with wood plugs + canvas covers.

Particulars of Gangway Cargo and Coaling Ports:—

None



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rs. of Scuppers and Sanitary Discharge Pipes. — All Scupper & sanitary discharge pipes from fore-castle, bridge & poop spaces are fitted with gunmetal storm valves at the ship's side & efficient traps or wood plugs at the inner ends.

ars of Side Scuttles :

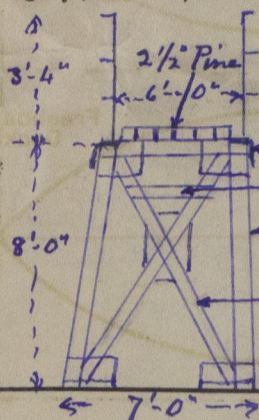
ars of Side Scuttles: Side scuttles in Forecastle, Bridge House & Poop fitted with hinged dead lights, all above freeboard deck.
Side scuttles in Capstan flat fitted with hinged dead lights, scuttles 19" below freeboard deck at capstan flat but above line of freeboard deck amidships.
All scuttles of substantial construction.

ers of Guard Rails :—

Guard rails on forecattle, bridge, boat deck, poop & part of fore & aft wells 3'-8" high, 3 rods, with stanchions spaced about 4'-6" apart.
Port bulwarks in wells 3'-8" high, see sketch.

ars of Gangways, Lifelines, etc. :—

Gangways P. & S. between poop & boat deck, boat deck & bridge & between bridge & forecastle 8'-0" high fitted with guard rails 3'-4" high 3 wire ropes in stanchions.



$3 \times 3 \times \frac{11}{20}$ F + A angles + cross angles.
 $3 \times 3 \times \frac{11}{20}$ angle
 $3 \times 3 \times \frac{1}{4} \times \frac{11}{20}$ angles
 $3 \times 3 \times \frac{7}{20}$ angles
 Supports spaced about 7'-8"

Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
er Well	Length of Well 148.5'	3' - 8"	88.5 ft. open rails and <u>3'-0" x 1.5'</u>	one	✓	74.25' open rails
rd Well	Length of Well 39.16'	3' - 8"	20.5 ft. open rails	None	✓	19.58' open rails

position of each freeing port	{	After Well :—	14"
and A. position and height above deck edge)				Forward Well :—	

whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— *3 vertical bars,*

tional area where sheer is less than standard.

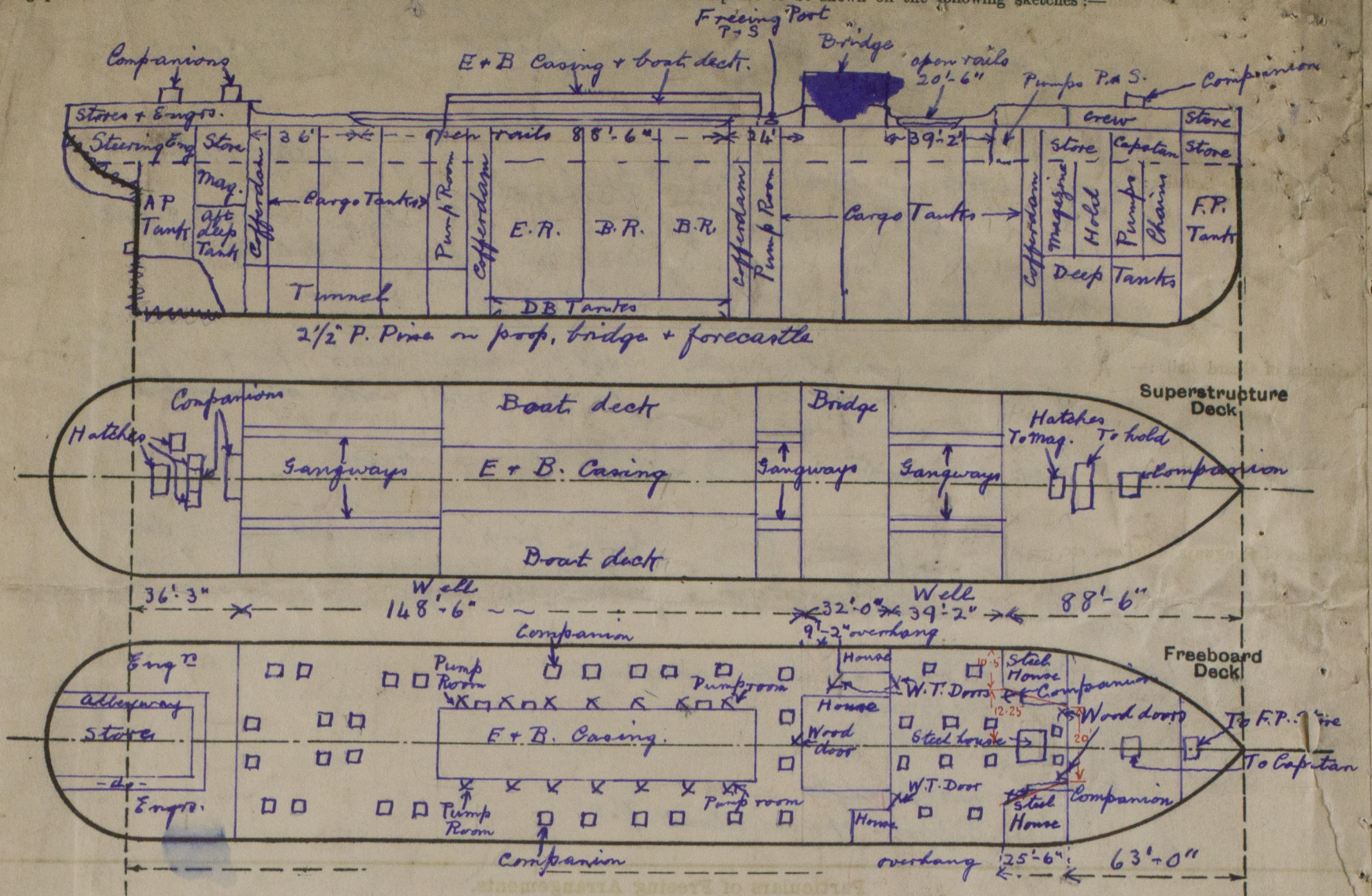
Particulars of Superstructures, Trunks, Casings, Deckhouses.

	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Bulkhead	10/20 ✓	9/20 ✓	6 1/2 x 3 x 10/20 B.A. ✓	42" ✓	Brackets	none	r	8'-0"
1 Quarter Deck Bulkhead ...	✓							
e, After Bulkhead	6/20 ✓	6/20 ✓	3 1/2 x 3 x 8/20 angles	34" ✓	Takes top + both angles	5'-6" x 2'-6" 5'-2" x 2'-1"	15 1/2" 18"	8'-0"
e, Forward Bulkhead	8/20 ✓	8/20 ✓	5 1/2 x 3 x 8/20 B.A.	30" ✓	Brackets	4'-6" x 2'-3"	18"	8'-0"
astle Bulkhead	7/20 ✓	5/20 ✓	Plate flanged 3"	36" ✓	✓	5'-1" x 2'-10"	18"	8'-0"
t, Aft	✓		{ 12 1/2 x 3 1/8 plate web in E.R. casings. face			has 5 1/2 x 3 1/8 x 7/8		
x, Forward	✓		{ 4" angle stiff in B.R.S. fitted with			reverse 6 x 3 1/2 x 8/20 }		
ed Machinery Casings on Free- rd or Raised Quarter Decks ...	9/20 ✓	8/20 ✓	4 x 2 1/2 x 8/20 Angles	36" ✓	Takes top + both angles	4'-9" x 2'-0"	18"	8'-0"
ed Machinery Casings on Super- structure Decks	8/20 ✓	8/20 ✓	reinforced as above. -do-	-do-	Brackets top. Takes both angles	None	r	2'-6"
nery Casings within Superstruc- es not fitted with Class I Closing planes	None							
ouses on Flush Deck Ships ...	✓							

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

Bulkhead	None
1 Quarter Deck Bulkhead ...	✓
2, After Bulkhead	1- Hinged steel W.T. Door } Can be operated from both sides. 1- Wood door (solid)
3, Forward Bulkhead	2- Hinged steel W.T. Doors, can be operated from both sides.
4 Castle Bulkhead	2- Hinged ^{solid} wood doors, can be operated from both sides.
5 Steel Machinery Casings on Free- board or Raised Quarter Decks ...	14- Hinged steel W.T. doors, can be operated from both sides.
6 Steel Machinery Casings on Super- structure Decks	None
7 Machinery Casings within Superstruc- tures not fitted with Class I Closing Devices	✓
8 Houses on Flush Deck Ships ...	✓

Superstructure bulkheads, trunks, deckhouse 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:— Oil Tanker, Cruiser Stern, Longitudinal Framing.

Vessel surveyed in dry dock, condition survey only. Rpt. 8 forwarded.

85% DM = 29.88 ✓
 hull 30.07 ✓
 28.50
 1.57 x 12 x 43.2 = 814
 12210 ✓
 13027 ✓
 65 hull
 12959 ✓

omit

Builder's name and yard number. W. Gray & Co. Ltd, W. Hartlepool. No 878

Names of sister ships.

Owners The Admiralty.

Fee \$428.00

Received by me

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