

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS										
Description of Hatchway	CARGO HATCH	HATCH TO CHAIN LOCKER	HATCH TO FOREPEAK	36 OFF OIL TIGHT HATCHES	4 OFF O.T. HATCHES FUEL OILTANKS	4 OFF O.T. HATCHES FUEL OILTANKS	6 OFF O.T. HATCHES TO COFFER DAMS	10 OFF CARGO HATCHES	10 OFF HATCHES TO STAIRS	
Dimensions of Hatchway	8'0" x 7'0"	2'6" x 2'3"	4'0" x 4'0"	6'0" x 4'0"	6'0" x 4'0"	2'6" x 2'6"	3'5" x 2'2"	6'0" x 8'0"	3'0" x 2'6"	
COAMINGS	Height above Deck	32" ✓	26" ✓	26" ✓	36" ✓	36" ✓	36" ✓	30" ✓	30" ✓	
	Thickness	44" ✓	375" ✓	375" ✓	40" ✓	40" ✓	40" ✓	375" ✓	375" ✓	
	Sides	44" ✓	375" ✓	375" ✓	40" ✓	40" ✓	40" ✓	375" ✓	375" ✓	
	Stiffeners	as per rule	as per rule	as per rule	as per rule	as per rule	as per rule	as per rule	as per rule	
HATCH BEAMS	Brackets, Stays	as per rule	as per rule	as per rule	as per rule	as per rule	as per rule	as per rule	as per rule	
	Number	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Spacing	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Scantling and Sketch	✓	✓	✓	✓	✓	✓	✓	✓	
FORE AND AFTERS	Bearing Surface	✓	✓	✓	✓	✓	✓	✓	✓	
	Number									
	Spacing									
	Unsupported Lengths									
HATCH COVERS	Scantling and Sketch	✓	✓	✓	✓	✓	✓	✓	✓	
	Bearing Surface	✓	✓	✓	✓	✓	✓	✓	✓	
	Material	STEEL	WOOD	WOOD	STEEL	STEEL	STEEL	WOOD	WOOD	
	Thickness	50" ✓	3" ✓	3" ✓	60" ✓	60" ✓	50" ✓	3" ✓	3" ✓	
HATCH COVERS	How fitted	ANGLE STIFFERS	13/8" ✓	2 1/2" ✓	13/8" ✓	13/8" ✓	BOLTED PLATE 3" ✓	5" ✓	2 3/4" ✓	
	Bearing Surface	HEMP	13/8" ✓	2 1/2" ✓	13/8" ✓	13/8" ✓	BOLTED PLATE 3" ✓	5" ✓	2 1/2" ✓	
	Spacing of Cleats	24" ✓	15" ✓	15" ✓	13" ✓	13" ✓	BOLTS 3" ✓	20" ✓	20" ✓	
	Number of Tarpaulins	SWING BOLTS	TWO ✓	TWO ✓	SWING BOLTS	SWING BOLTS	APART ✓	TWO ✓	TWO ✓	
<p>*Are wood fore and afters steel shod at all bearing surfaces? ✓</p> <p>Are battens and wedges efficient and in good condition? <i>yes</i> ✓</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? <i>yes</i> ✓</p> <p>Are lashings provided in accordance with rule requirements? <i>yes</i> ✓</p>										

Particulars of fiddle, funnel and ventilator coamings

FIDDLE: Steel gratings with 1/2" hinged steel covers with flanged edges, steel coamings 25-26" above casing top.

FUNNEL: 15'0" x 11'0" oval, 40" skirting riveted to casing top, supported by two bulk angle for afters 10' x 3 1/2" x 1/2" at each side by two casing bulk heads of 40" x 56" x 1/2" deep brackets for casing sides. P.S. side.

VENTILATORS: Coamings to engine room 1/2" unsupported 8'6" x 24" dia. 1/2" dia 30" above casing top. 375" coamings to passageway 2'0" to stokehold 1/2" coamings 8'6" x 36" dia. unsupported.

GALLEY: 2'0" x 6'0" dia 375" coaming 30" above casing top.

ENGINE ROOM SKYLIGHT: 30' x 13'0" steel plates & angles, steel flaps with bulks eyes, one mechanical lifting gear operated from the engine room side bracket P.S. side from casing supporting the skylight 30' x 40' x 1/2" spaced 3'0" apart.

Wood plugs & canvas covers for closing ventilators ✓

Particulars of Flush Bunker Scuttles:—

None ✓

Particulars of Companionways

FORWARD PUMP ROOM PORT SIDE ONLY: 6'0" x 3'6" x 6'4" high 375 plating one W.T. steel door operated from both sides, coaming 8" above deck.

ENTERANCE TO FOW'LS HOLD UNDER POLE STAIRS SIDE ONLY: 5'0" x 3'0" x 6'6" high 375 plating NON W.T. steel door coaming 19" above deck, 20" deep fitted.

MAIN PUMP ROOM AFT: 20'0" x 9'6" x 8'0" high 43 plating 4 1/2" x 3 1/2" angle stiffers spaced 26" to 30" apart bracketed top & bottom 15' x 15" 375 brackets steel W.T. door on aft side operated from both sides, 24" coaming above deck. On top P.S. sides steel skylights with 18 coamings hinged steel flaps.

Particulars of Ventilators in exposed positions on freeboard and superstructure decks

MAIN PUMP ROOM AFT: 2-24" dia 96" coamings, efficiently attached P.S. to pump room sides by brackets & angles, 1-18" dia 33" coamings 40" on top of house.

FORE HOLD: steel side 1-24" dia 36" coaming 40" FORWARD PUMP ROOM PORT SIDE: 1-14" dia 36" coaming 40" POLE DECK TO FORE HOLD: Port side 1-24" dia 36" coaming 40" POOP DECK: P.S. sides 1-12" dia 33" coaming 34" to leanover stowage room, P.S. sides 1-12" dia 33" coaming 34" to passageway. Port side 1-8" dia 33" coaming 32" to refer engine room P.S. sides & at centre 3-24" dia 16" x 40" coamings efficiently stayed by brackets & angles to aft end of deck house, these vents lead to the engine & dynamo rooms.

At centre 1-6" x 5'0" above deck 6" dia type on top of steel skylight to steering engine room.

POOP DECK WATERWAY P.S.: For accommodation 8" in all C.I. oval 8" x 4" Goose-neck vents 21" high openings 9" above steel deck canvas covers for closing. Wood plugs & canvas covers for closing ventilators ✓

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

POOP DECK: Air pipes to the aft peak tank double bottom tanks P.S. under the engine & boilers aft are of steel pipe 2 1/2" dia. goose-neck openings 28" above deck.

POLE DECK: At centre fore of windlass a 6" steel pipe opening 12" above deck for the fore peak tank. P.S. side 3" dia air pipe to double bottom tanks in fore hold, openings above deck 15" goose-neck of steel pipe.

UPPER DECK: P.S. sides the air pipes from the forward & aft fuel oil tanks have 3" dia steel pipes with goose-necks attached to side coamings of hatchways the openings are 10" above the deck aft & 3' above the deck forward, these pipes are efficiently stayed to hatch lifting standards.

All the Main Cargo & Summer oil tanks are connected to a 4" steel pipe ventilating system which is led up the fore Main mast, a screw valve is fitted at each hatch.

Automatic closing appliances fitted to all air pipes on freeboard deck.

Particulars of Gangway Cargo and Coaling Ports:—

None ✓



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Particulars of Scuppers and Sanitary Discharge Pipes

3-5 x 3 1/2 openings thru struts bar & shestrake above upper deck plate. Sides in forward & after wells. Sanitary discharges from bridge spaced led thru shell plating above foreboard deck. C.I. use return valves fitted. A 12" ballast discharge from forward pump room in port side located 6'6" below foreboard deck fitted with sea return cone valve operated from pump room. A 12" ballast discharge from main pump located on starboard side 6'6" below foreboard deck fitted with 12" gate valve with external rod operated from above foreboard deck. A 3" pump room drain discharge on starboard side 6'6" below foreboard deck fitted with 3" sea return cone valve operated from pump room. Sanitary discharges from quarters in Poop led thru shell below foreboard deck, fitted with C.I. sea return valves.

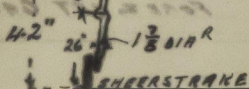
Particulars of Side Scuttles:

All air ports for accommodation in the poop, poop front, bridge front & cut bulk. Bridge side plating & side plating have permanently hinged deadlights.

Particulars of Guard Rails:

In wells two ball stanchions 3'6" high with 1/8 gal' iron chain with 1/2 turnbuckles. Stanchions spaced 60" to 68" apart. Fitted to upper edge of shestrake. Fore Deck: Three ball stanchions 3'9" high spaced 38" to 50" apart top rail 1 1/2" dia. Two lower rails 1/2" dia. Stanchions taper from 1 1/2" to 1 1/8" dia. Poop BRIDGE DECK: Three ball stanchions 3'9" high spaced 46" to 52" apart top rail 1 1/2" dia. Two lower rails 1/2" dia. Stanchions taper from 1 1/2" to 1 1/8" dia.

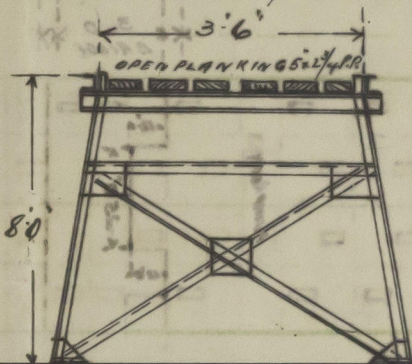
STANCHIONS IN WELLS



Particulars of Gangways, Lifelines, etc.:

Fore & aft gangway between side of bridge between bridge & pump room & from pump room to Poop. The gangway stanchions are two balled 3'9" high with 1/8 gal' iron chain with 1/2 turnbuckles. Stanchions spaced 48" to 60" apart. Stanchions taper 1 1/2" to 1 1/8" dia. fitted at heel to channel of fore & aft gangway.

FORE & AFT BRACING TWO IN EACH WELL
DIAGONALS 2 1/2 x 2 1/2 x 8 ANGLES
CENTRE GUSSET 18 x 16 x 1/16 PLATE
TOP & BOTTOM BRACKETS 12 x 14 x 7/16



FORE & AFT SIDE CHANNELS 6 x 3 1/2 x 3 1/2 x 8
BEAMS 5 x 2 1/2 x 2 1/2 x 8 CHANNELS INTERMEDIATE BEAMS 2 1/2 x 2 1/2 x 8 ANGLES
SIDE STANCHIONS 4 x 3 1/2 x 1/2 TEE BARS SPACED 8'0" APART
PIPE CARRIER BEAMS 2 1/2 x 2 1/2 x 8 ANGLES
DIAGONALS 2 1/2 x 2 1/2 x 8 ANGLES
CENTRE GUSSET 15 x 10 x 1/16 PLATE
TOP BRACKETS 10 1/2 x 5 x 7/16 PLATE
BOTTOM BRACKETS 15 x 12 x 7/16 PLATE
DECK ANGLES 3 1/2 x 3 1/2 x 2

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 rails & stanchions	✓		
Forward Well ...			open rails & stanchions	✓		

State position of each freeing port ...
(F. and A. position and height above deck edge)

After Well: — ✓
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. ✓

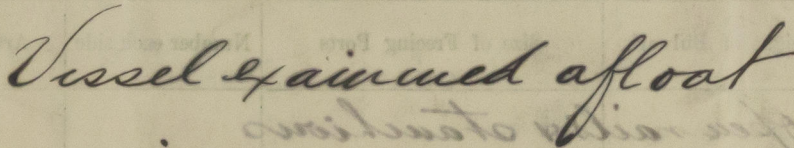
Particulars of Superstructures, Trunks, Casings, Deckhouses.

	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	4'2" ✓	4'2" ✓	BULB ANGLES 9 1/2 x 3 1/2 x 1/2	30" ✓	TOP BRACKETS 20 x 22 x 7/16 TEDECK 6 x 3 1/2 x 1/2	4'6" x 3'6" ✓	30" ✓	8'0" ✓
Raised Quarter Deck Bulkhead ...	✓	✓	✓	✓	✓	✓	✓	✓
Bridge, After Bulkhead ...	3'4" ✓	3'4" ✓	4'2 x 3 x 3/8 L's	38" ✓	TOP BRACKETS 16 x 12 x 7/16 AT THE BOTTOM TO ANCHOR ONLY BACK ANGLE 3 BRACKETS 22 x 20 x 7/16	5'0" x 3'6" ✓	20" ✓	8'0" ✓
Bridge, Forward Bulkhead ...	5'0" ✓	4'2" ✓	BULB ANGLES 9 1/2 x 3 1/2 x 1/2	36" ✓	TOP BRACKETS 22 x 20 x 7/16 TEDECK 6 x 3 1/2 x 1/2	2'6" x 5'6" ✓	24" ✓	8'0" ✓
Forecastle Bulkhead SIDE HOUSES ...	3'7 1/2" ✓	3'7 1/2" ✓	3 x 3 x 3/8 L's	36" ✓	TOP BRACKETS 21 x 24 x 7/16 ONLY	OPEN 9'0" EVEN SIDE OF CENTRE	✓	8'0" ✓
Trunk, Aft ...	✓	✓	✓	✓	✓	✓	✓	✓
Trunk, Forward ...	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Superstructure Decks BOILER ROOM ...	3'8" ✓	3'4" ✓	3 x 3 x 3/8 L's	36" ✓	LARGE BRACKETS ON TOP 60 x 66 LARGE BRACKETS ON TOP	STEEL DOORS 27' x 60" ✓	15" ✓	8'0" ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	3'8" ✓	3'4" ✓	3 x 3 x 3/8 L's	36" ✓	30' x 40' ✓	27' x 60" ✓	15" ✓	8'0" ✓
Deckhouses on Flush Deck Ships ...	✓	✓	✓	✓	✓	✓	✓	✓

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

Poop Bulkhead 1 OPENING ...	3" shifting boards in channels riveted to bulk. Hook bolts thru steel portable plate.
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead 2 OPENINGS ...	3" shifting boards in channels riveted to bulk. Hook bolts thru steel portable plate.
Bridge, Forward Bulkhead 2 OPENINGS ...	Sub Hinged N. I. doors can be operated from both sides
Forecastle Bulkhead ...	sides & houses opening between 18'0" no closing appliances
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	operable from both sides
Exposed Machinery Casings on Superstructure Decks BOILER ROOM ...	ordinary steel doors in bulkhead door at entrance to pass gangway ordinary
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	ordinary steel doors into engine room.
Deckhouses on Flush Deck Ships ...	

Lacklan



with the same

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Suthgows Limited York No 820

Names of sister ships 3/5 PULPIT POINT. SFG. RPT N° 6670. 5/5 YARRAVILLE. SFG. RPT N° 6689

Standard Vacuum Transportation Co. New York.

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