

44448
Index No.
(For London Office only.)

Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

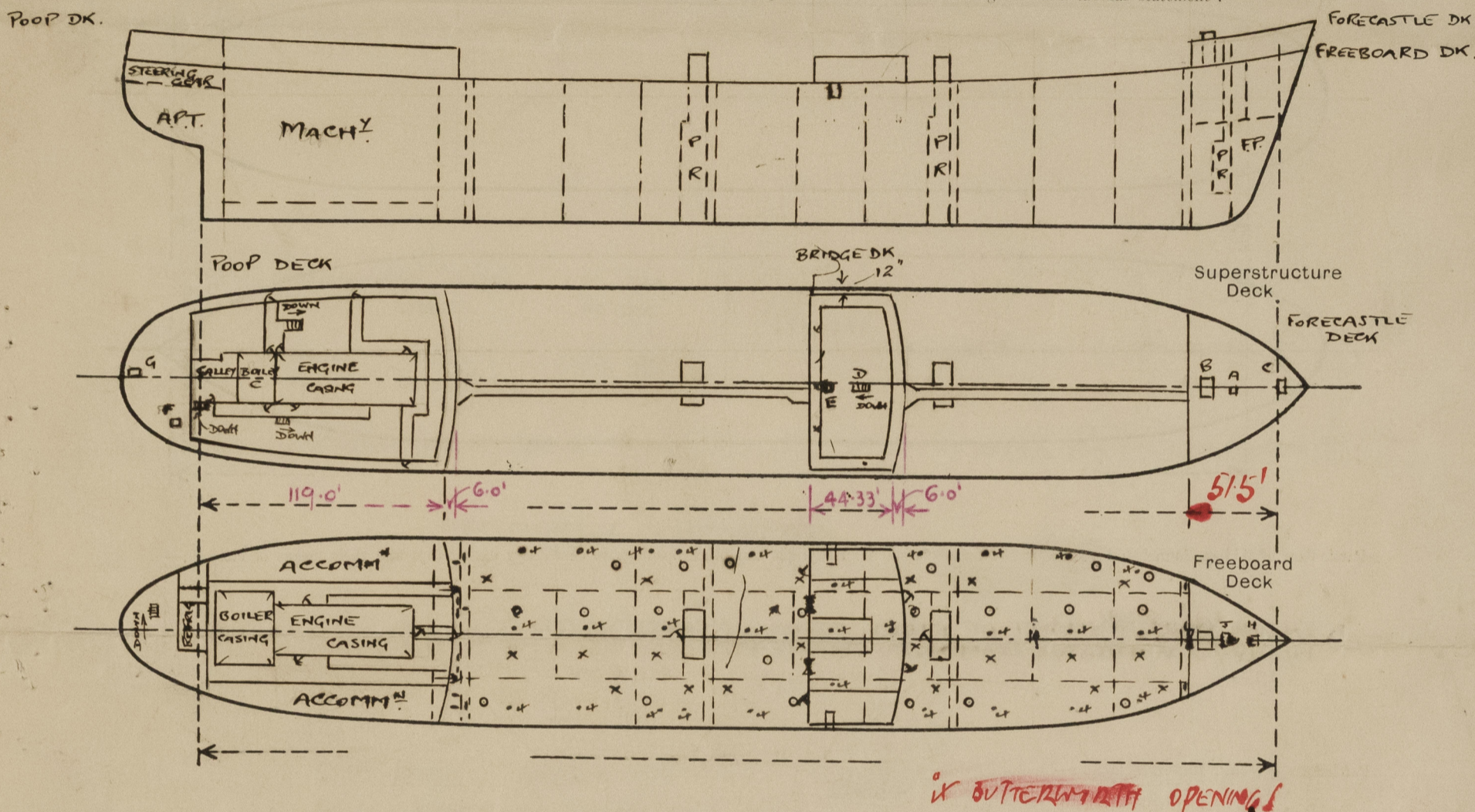
GREENOCK F.B.I. REPT^T N^o. 25072

Ship's Name..... M.T. "DAYANGER"..... Port of Survey..... GREENOCK

Official Number..... ✓..... Surveyor's Signature..... Alfred H. H. H.

Nationality and Port of Registry..... NORWEGIAN - BERGEN..... Date of Survey..... DURING CONSTRUCTION.

Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement:—



Particulars of Superstructures, Trunks, Casings, Deckhouses.

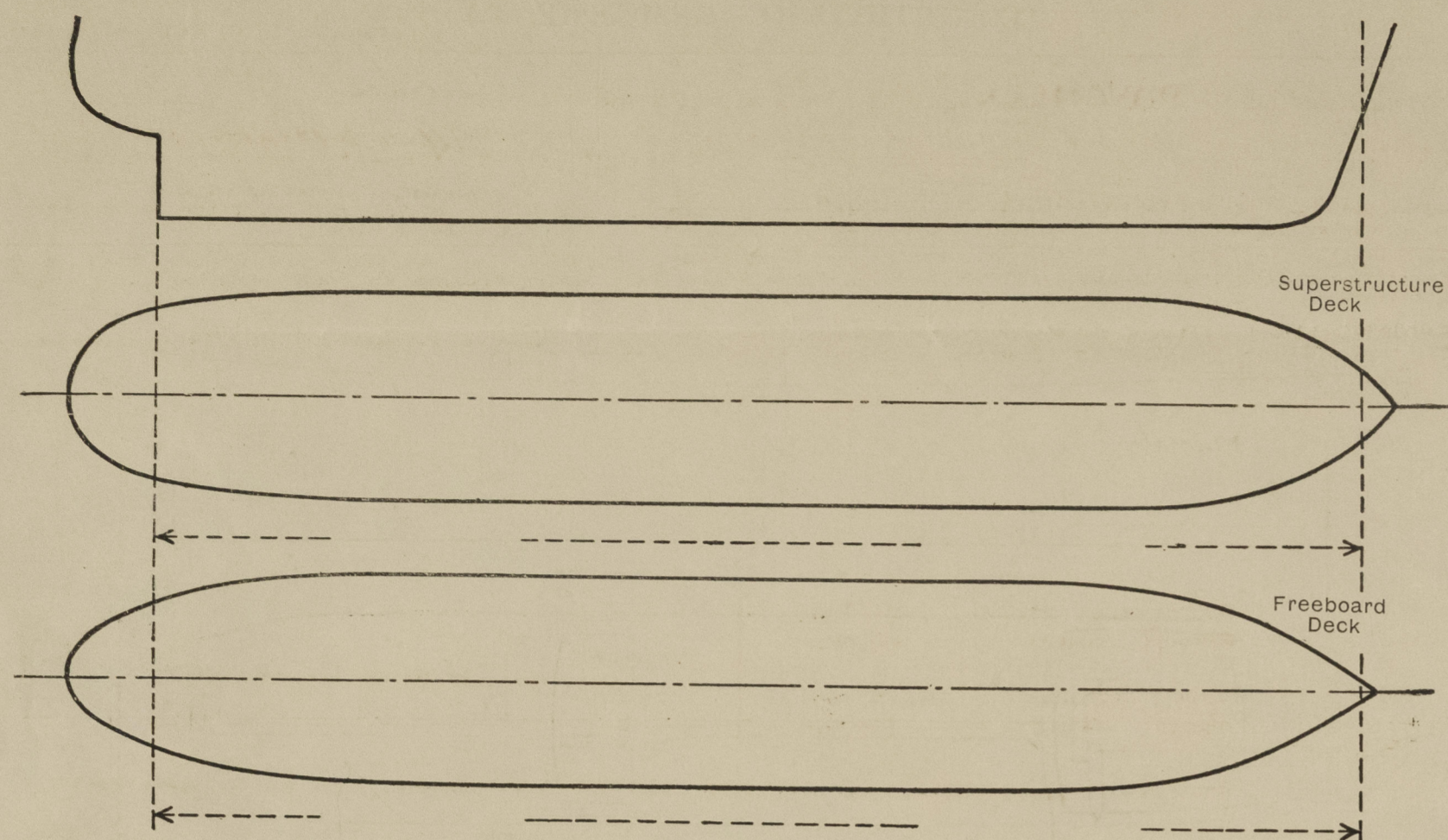
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Roop Bulkhead	PLATED VERTICALLY	44 ✓	10x3½ x .51 BA. ✓	30" ✓	E.W. TOP & BOTTOM	2 @ 5'x3'-6" 1 @ 4'8"x2'-0"	18" ✓ 24" ✓	8'-6" ✓
Raised Quarter Deck Bulkhead	—							
Bridge, After Bulkhead	PLATED VERTICALLY	33 ✓	4x3 x .45 OA. ✓	33" ✓	RIVETED TOP WELDED BOTTOM	2 TOPS 5'x4'-1" 2 @ 5'x2'-3"	18" ✓ 18" ✓	7'-9" ✓
Bridge, Forward Bulkhead	PLATED VERTICALLY	46 ✓	10x3½ x .50 BA. ✓	33" ✓	RIVETED TOP WELDED BOTTOM	2 @ 5'x2'-0"	18" ✓	7'-9" ✓
Forecastle Bulkhead	PLATED VERTICALLY	30 ✓	4x3 x .40 IA ✓	30" ✓	NONE ✓	1 TO 5'x4'-1"	18" ✓	7'-9" ✓
Trunk, Aft	—							
Trunk, Forward	—							
ENCLOSED Exposed Machinery Casings on Free- board	30	26 ✓	3x3x.31 OA. ✓	30" ✓	CONTINUOUS TOP NIL BOTTOM	1 PIS 5'x2'-6" IFWD ENDS 5'x2'	18" 19" ✓	8'-6"
ENCLOSED Exposed Machinery Casings on Super- structure Decks	PLATED VERTICALLY	26 ✓	3x3x.31 OA. ✓	30" ✓	BRACKETED TOP CONTINUOUS BOTTOM ✓	3 PDS 5'x2'-6"	18" ✓	8'-6"
Machinery Casings within Superstruc- tures not fitted with Class I Closing Appliances	—							
PUMP ROOM ENTRANCES Deckhouses on Flush Deck Ships	PLATED VERTICALLY	40 ✓	5x3x.32 IA. ✓	27-31" ✓	BRACKETED TOP E.W. BOTTOM	1 @ 4'-6"x2'-3"	24" ✓	7'-6"

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

Poop Bulkhead	2 HINGED STEEL W.T. DOORS OPERATED BOTH SIDES, ✓ 1 HINGED STEEL GASTIGHT DOOR OPERATED BOTH SIDES TO PIPE PASSAGE. ✓
Raised Quarter Deck Bulkhead	—
Bridge, After Bulkhead	✓ 33 BOLTED PLATES - STIFFENED, SECURED BY HOOK BOLTS - SPACED 13' NOT PASSING THRO' BHD. 2 HINGED STEEL DOORS, OPERATED BOTH SIDES. ✓
Bridge, Forward Bulkhead	✓ 2 HINGED STEEL W.T. DOORS, OPERATED BOTH SIDES. ✓
Forecastle Bulkhead	✓ 30 BOLTED PLATE - STIFFENED, SECURED BY HOOK BOLTS - SPACED 13' NOT PASSING THRO' BULKHEAD. ✓
Exposed Machinery Casings on Free-board or Raised Quarter Decks	HINGED STEEL GAS-TIGHT DOOR PYS - OPERATED BOTH SIDES.
Exposed Machinery Casings on Super-structure Decks	✓ HINGED STEEL DOOR (FWD. END) TO PIPE TUNNEL - OPERATED BOTH SIDES. ✓
Machinery Casings within Super-structures not fitted with Class I Closing Appliances	✓ 3 P. 25. HINGED STEEL GASTIGHT DOORS - OPERATED BOTH SIDES. ✓
PUMPROOM ENTRANCES Deckhouses on Flush Deck Ships	— HINGED STEEL GASTIGHT DOOR TO EACH PUMPROOM, OPERATED BOTH SIDES. ✓

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:—

ENGINE ROOM SKYLIGHT OF STEEL STRONGLY CONSTRUCTED.
FIDDLEY & VENTILATOR COAMINGS—EFFICIENT.
STEEL HINGED COVERS PERMANENTLY ATTACHED, FITTED TO FIDDLEY OPENINGS

Particulars of Flush Bunker Scuttles:—

NONE.

ENTRANCES TO PUMPROOMS FOR PARTICULARS SEE PAGE 1.

Particulars of Companionways:—
AUX. PUMPROOM ENTRANCE IN TRUNKWAY INSIDE FORECASTLE—4'6" x 2'3"—HINGED STEEL W.T. DOOR—J—
SILL 24"—OPERATED BOTH SIDES.
D.—LADDERWAY IN BRIDGE HOUSE—LEADING TO STEWARDS STORES IN BRIDGE SPACE—DECK OPENING 6'0" x 3'0"—
DOORS IN BULKHEADS TO BRIDGE HOUSE—4'9" x 2'3"—SILL 18"—HINGED SOLID WOOD—OPERATED BOTH SIDES.
E.—ACCESS IN BRIDGE HOUSE LEADING TO GYRO-ROOM IN BRIDGE SPACE—DECK OPENING 2'0" x 2'0"—
DOOR IN BULKHEAD OF BRIDGE HOUSE—4'6" x 2'2"—SILL 18"—HINGED SOLID WOOD DOOR—OPERATED BOTH SIDES.
3—COMPANIONWAYS INSIDE POOP DECK HOUSE, LEADING TO ACCOMMODATION SPACES IN POOP—DOORS TO POOP DECK HOUSE
4'9" x 2'3"—SILL 18"—HINGED STEEL & SOLID WOOD—OPERATED BOTH SIDES.

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

FORECASTLE DECK. — 1 @ 8" DIA. — COAMINGS 36" x 32" TO F.P. STORE.
2 " 10 " " 36" x 32" " F. HOLD
3 " 10 " " 36" x 32" " FOLE & AUX. PUMPROOM.
BRIDGE DECK. 4 " 12 " " 30" x 34" " BRIDGE SPACE.
2 " 8 " " 30" x 32" " STEWARDS STORES & PASSAGES.
1 " 6 " " 30" x 32" " GYRO ROOM.
POOP DECK. 3 " 12 " " 30" x 34" " STORES.
2 " 8 " " 30" x 32" " STEERING GEAR.
2 " 6 " " 30" x 30" " STORE.

ALSO
FORECASTLE DECK 2 S.N. VENTS — 18" UNDER SIDE LIP — TO FOLE SPACE.
BRIDGE DECK. 8 " " " 18" " " " BRIDGE SPACE.

WOOD PLUGS & CANVAS COVERS SUPPLIED FOR ALL COWL AND S.N. VENTS.

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

FORECASTLE DECK. — 2 @ 4" DIA. 2 @ 5" DIA. — 18" HIGH.

POOP DECK. 2 @ 2" DIA. 2 @ 2½" DIA. 6 @ 3" DIA. 1 @ 4" DIA. 2 @ 5" DIA. 18" HIGH.

FREEBOARD DECK. 4 @ 3½" DIA. 7 @ 4" DIA. 36" TO 5'9" HIGH.

WIRE GAUZZES FITTED TO ALL OIL FUEL & COFFERDAM AIR PIPES.
WOOD PLUGS SUPPLIED FOR ALL OTHER AIR PIPES.
CANVAS COVERS SUPPLIED FOR ALL EXCEPT COFFERDAM AIR PIPES.
COFFERDAM AIR PIPES CLOSED W.T. BY HINGED STEEL FLAPS SECURED BY BUTTERFLY NUTS.
AIR PIPES ABOVE 36" IN HEIGHT EFFICIENTLY SUPPORTED.

Particulars of Gangway Cargo and Coaling Ports:—

NONE

Savanger.

Particulars of Scuppers and Sanitary Discharge Pipes:—

OPEN FREEBOARD DECK DRAINS THRO' SCUPPERS IN STRINGER BAR.
SECOND DECK IN MACH. SPACE DRAINS TO ENG. ROOM BILGES.
ACCOMMODATION SPACES ON BRIDGE—DRAIN THRO' SHELL APPROX 6'0" BELOW FBD DK WITH NON-RETURN VALVES
AT OUTBOARD ENDS. THE SANITARY DISCHARGE PIPES FROM THESE SPACES ARE CARRIED THRO' NO. 3 WING TANKS
& 5. IN SMALL OIL-TIGHT COMPARTMENTS.

ACCOMMODATION SPACES ON FREEBOARD DK IN POOP DRAIN THRO' SHELL APPROX 8'0" BELOW FREEBOARD DK
WITH NON-RETURN VALVES AT OUTBOARD ENDS AND SCREWED PLUGS AT INBOARD ENDS.

DOMESTIC REFRIG. SPACES ON FREEBOARD DK IN POOP DRAIN THRO' SHELL APPROX 8'0" BELOW FREEBOARD
DECK WITH NON-RETURN VALVES AT OUTBOARD ENDS, AND WITH TRAPPED SCUPPERS AND SCREWED PLUGS AT
INBOARD ENDS.

ACCOMMODATION SPACES ON POOP DECK DRAIN THRO' SHELL APPROX 8'0" BELOW FREEBOARD DECK
WITH NON-RETURN VALVES AT OUTBOARD ENDS.

Particulars of Side Scuttles:—

FORECASTLE SHELL 10" DIA.
BRIDGE SHELL 10" DIA.
POOP SHELL 12" DIA.
POOP FRONT 12" DIA.

FITTED
WITH HINGED BRASS DEADLIGHTS.

STEERING GEAR SPACE — 12" DIA. FITTED WITH UNDER-WATER DEADLIGHTS.

EFFICIENTLY CONSTRUCTED

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

38'0"

Particulars of Guard Rails:—

POOP DECK 3 RAILS 3'6" HIGH STANCHIONS SPACED APPROX 4'9" AND BULWARKS 3'6" HIGH.

BRIDGE DECK. BULWARKS 3'6" HIGH

FORECASTLE DECK. 3 RAILS 3'4" HIGH — STANCHIONS SPACED APPROX 5'0"

FREEBOARD DECK 3 3'6" "

Particulars of Gangways, Ladders, etc.:—

FORE AND AFT GANGWAY FITTED

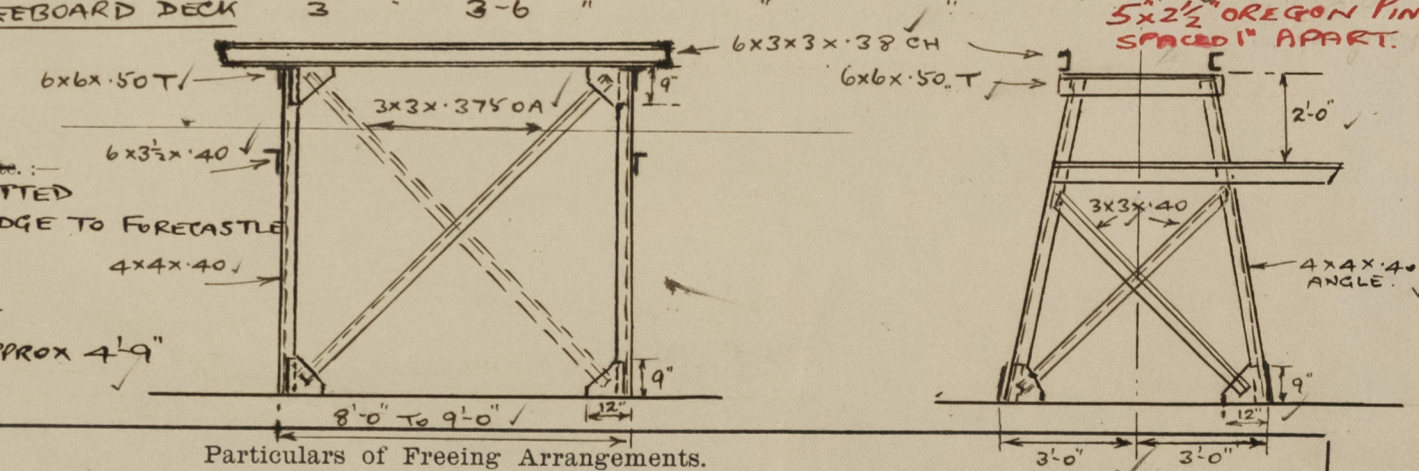
POOP TO BRIDGE AND BRIDGE TO FORECASTLE

(ELEC. WELDED & RIVETED)

GUARD RAILS 3'6" HIGH

2 RAILS IN HEIGHT

STANCHIONS SPACED APPROX 4'9"



Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
ADJACENT POOP	28'0"	3'6"	—	—	—	—
After Well ...	—	—	—	—	—	—
ADJACENT BRIDGE	10'0"	3'6"	—	—	—	—
ADJACENT BRIDGE	13'0"	3'6"	—	—	—	—
Forward Well ...	—	—	—	—	—	—
ADJACENT FORECASTLE	38'0"	3'6"	3'0" x 9"	4	9 sq. ft.	—

State position of each freeing port ... { After Well:—
(F. and A. position and height above deck edge) { Forward Well:— 12" ABOVE DECK EDGE

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— NONE.

Additional area where sheer is less than standard.



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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.													
			B	SMALL	A	C	F	21	X	H	13		
Description of Hatchway			ON F.C.L. DK. TO FORE HOLD	IN COVER OF CARGO HATCH ON F.C.L. DK.	HATCH ON F.C.L. DK. TO TRUNK TO AUX. PUMP ROOM	HATCH ON F.C.L. DK. TO POOP SPACE	HATCH ON POOP DK. TO REFRIG STORES	HATCH ON POOP DK. TO ROPE STORE	CIRCULAR CARGO HATCHES ON F.B.D. DK.	CIRCULAR WEATHERING HATCHES ON F.B.D. DK.	HATCH ON UPPER DK. TO F.P. STORE	HATCHES ON F.B.D. DECK TO COFFERDAMS BUNKERS ETC.	
Dimensions of Hatchway			11'-3"x14'-0"	3'-0"x3'-6"	2'-2"x2'-0"	4'-3"x3'-0"	4'-0"x4'-0"	4'-2"x2'-8"	48" DIA.	30" DIA.	4'-0"x3'-0"	2'-0"x1'-7"	
COAMINGS	{	Height above Deck	30" ✓	6"x.50 ✓	24" ✓	24" ✓	18" ✓	21" ✓	30" ✓	30" ✓	10 1/2" ✓	12" ✓	
		Thickness { Sides ... ..	.50 ✓	FLAT ✓	.30 ✓	.30 ✓	.35 ✓	.35 ✓	.50 ✓	.50 ✓	.50 ✓	.50 ✓
			Ends50 ✓	BAR ✓	.30 ✓	.30 ✓	.35 ✓	.35 ✓	.50 ✓	.50 ✓	.50 ✓	.50 ✓
		Stiffeners	7x3x405A	COAMING	— ✓	— ✓	— ✓	— ✓	— ✓	— ✓	— ✓	— ✓	— ✓
		Battens, Stays	ENDS: ONE ✓	—	—	—	—	—	—	—	—	—	—
HATCH BEAMS	{	Number	—	—	—	—	—	—	—	—	—	—	
		Spacing	—	—	—	—	—	—	—	—	—	—	
		Scantling and Sketch	TRUNKED THRO' FORECASTLE ✓	—	—	—	—	—	—	—	—	—	
FORE AND AFTERS	{	Number	—	—	—	—	—	—	—	—	—	—	
		Spacing	—	—	—	—	—	—	—	—	—	—	
		Unsupported Lengths and Sketch	—	—	—	—	—	—	—	—	—	—	
HATCH COVERS	{	Material ... ..	.40 HINGED STEEL	.40 HINGED STEEL	.30 HINGED STEEL	.30 HINGED STEEL	.30 HINGED STEEL	.30 HINGED STEEL	.50 DISHED PLATE	.50 DISHED PLATE	.40 HINGED STEEL	.40 HINGED STEEL
		Thickness	W.T. COVER	W.T. COVER	W.T. COVER	W.T. COVER	W.T. COVER	W.T. COVER	W.T. COVER	COVER	COVER	W.T. COVER	W.T. COVER
		How fitted	STIFFENED	SECURED	SECURED	SECURED	SECURED	SECURED	SECURED	SECURED	SECURED	SECURED	SECURED
Bearing Surface			SECURED BY TOGGLES & CLIPS SPACED 22-24 IN ACCORDANCE WITH APPROVED PLAN ✓	BY TOGGLES & CLIPS SPACED 18-15" ✓	BY TOGGLES & CLIPS SPACED 14" ✓	BY TOGGLES & CLIPS SPACED 15" ✓	BY TOGGLES & CLIPS SPACED 15" ✓	BY TOGGLES & CLIPS SPACED 14 1/2" ✓	ARM & SCREW GEAR (APPROVED) GEAR	ARM & SCREW GEAR (APPROVED) GEAR	BY TOGGLES & CLIPS SPACED 18-15" ✓	BY TOGGLES & CLIPS SPACED 15-13" ✓	
Spacing of Cleats			—	—	—	—	—	—	2 ADD: TOGGLES & CLIPS FITTED TO EACH HATCH ✓	—	—	—	
Number of Tarpaulins... ..			—	—	—	—	—	—	—	—	—	—	
*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:—

29 BUTTERWORTH OPENINGS IN FREEBOARD DECK 12" DIA. — COVERED BY 3/4 BOLTED PLATES 18" DIA. — SECURED OILTIGHT BY 10 @ 3/4 DIA BOLTS SPACED 3 1/2 APART. ✓

STEEL SKYLIGHTS ON PUMP ROOM CASING TOP — EFFICIENTLY CONSTRUCTED AND FITTED WITH HINGED STEEL W.T. COVERS SECURED BY TOGGLES & CLIPS. ✓



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