

LLOYD'S REGISTER OF SHIPPING

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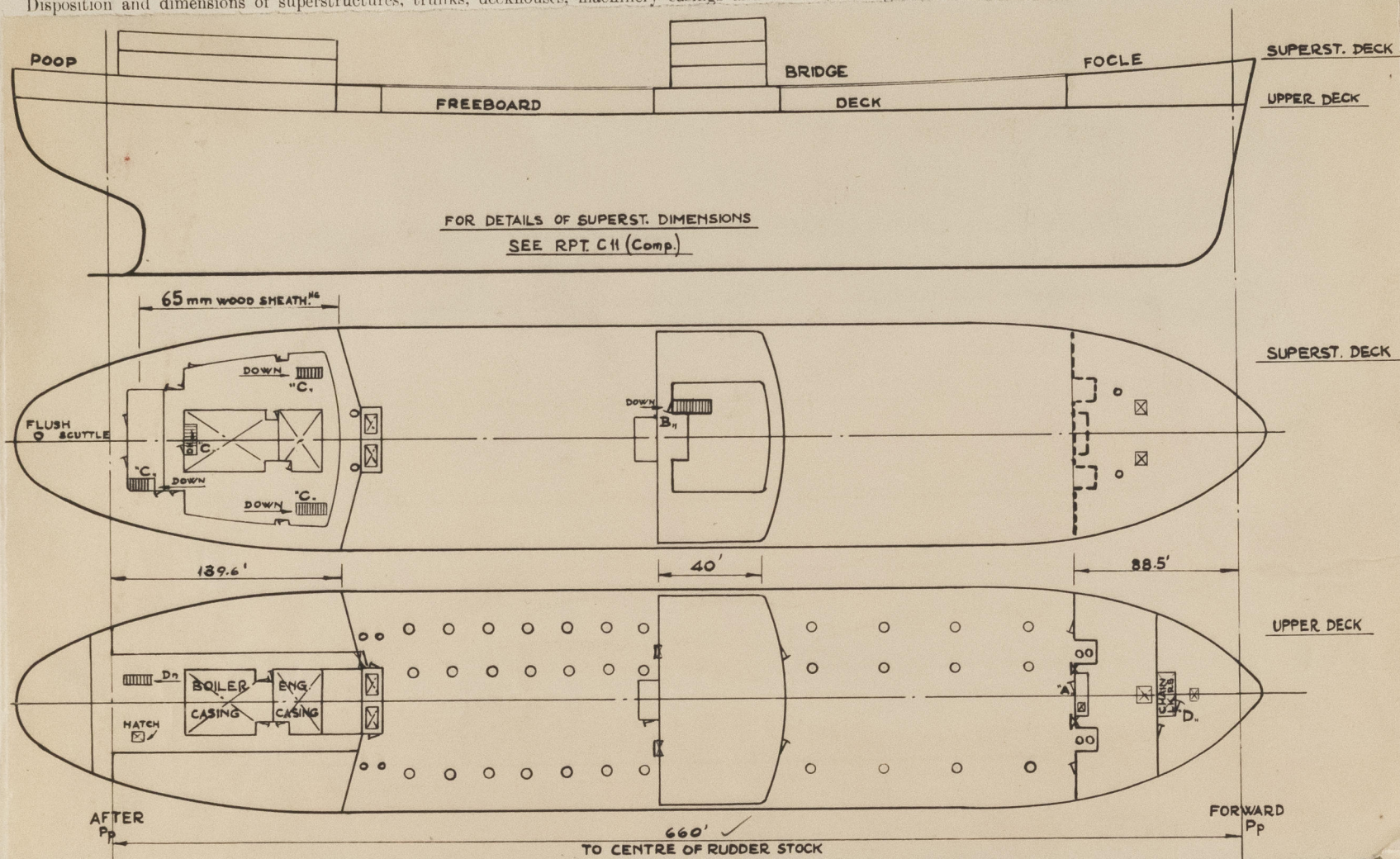
Index No.
(For London Office only.)

SURVEYS FOR FREEBOARD. (CONDITIONS OF ASSIGNMENT.)

6 OCT 1959

Ship's Name ESSO LIVERPOOL CRDA YARD N° 1841 Port of Survey TRIESTE
EL SALVADOR Official Number 300 999 Surveyor's Signature [Signature]
 Nationality and Port of Registry B. BRITISH LONDON Date of Survey SEPTEMBER 1959

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



Particulars of Superstructures, Trunks, Casings, Deckhouses.

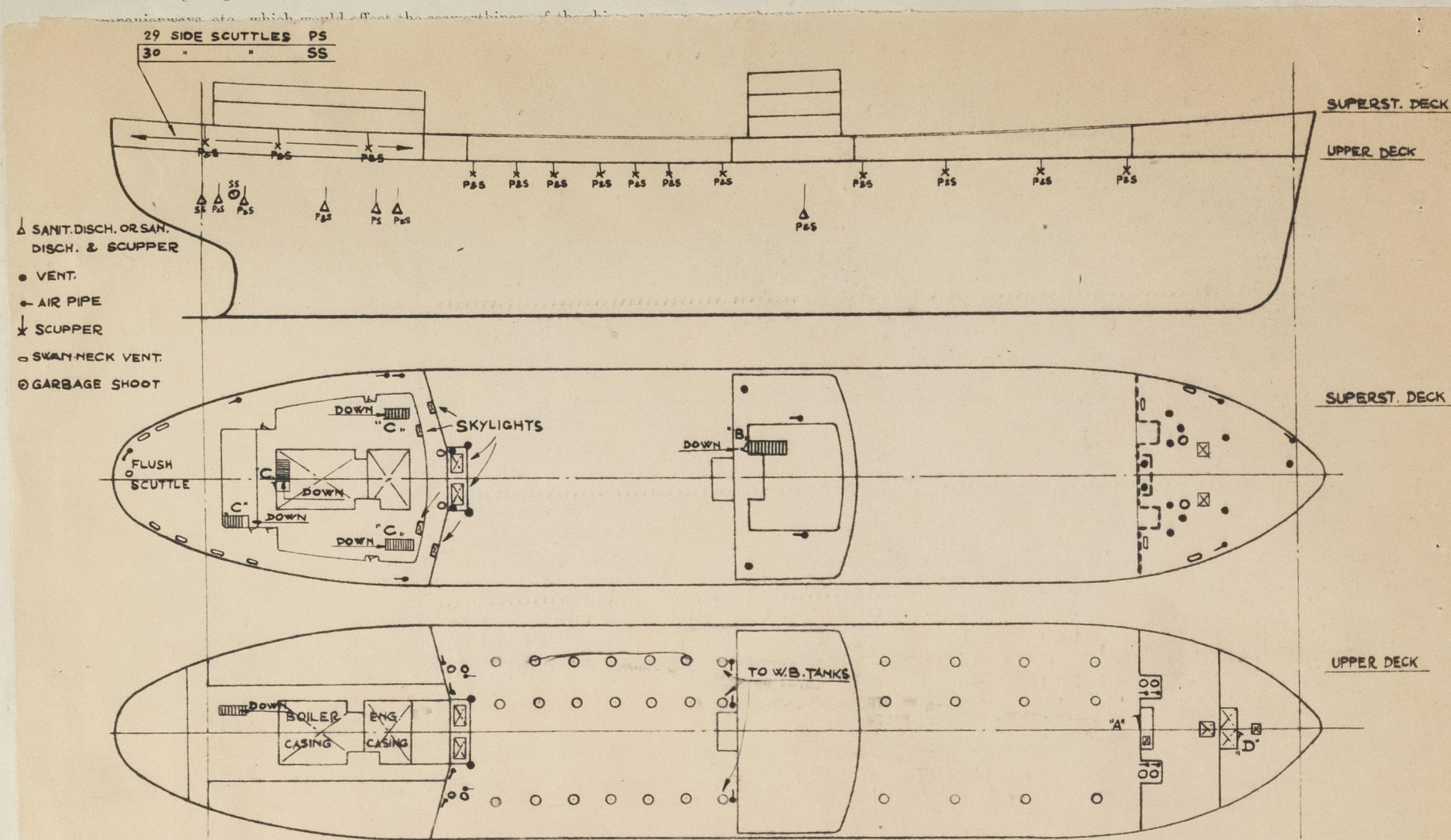
	Coaming MM	Plating MM	Stiffeners MM	Spacing MM	End Attachments of Stiffeners	Size of Openings MM	Height of Sills MM	Height, Beam to Beam
Poop Bulkhead ...	PLATED VERTICALLY	II ✓	300 X 12 B.P. ✓	762 ✓	LUG BKT. TOP BOTTOM	1 OFF 1520 X 700 ✓	480 ✓	2590 ✓
Raised Quarter Deck Bulkhead ...	7.5	7.5 ✓	120 X 8 ✓	700 ✓	WELDED & BOTTOM	1480 X 1100 ✓	460 ✓	2590
Bridge, After Bulkhead ...	II	II ✓	280 X 14 7 OUT OF 320 X 14 B.P. ✓	762 ✓	WELDED & BOTTOM	1530 X 700	480 ✓	2590
Bridge, Forward Bulkhead ...	PLATED VERTICALLY	7.5	160 X 7 B.P. ✓	700 ✓	WELDED & BOTTOM	2 AT 1530 X 700 2 AT 1490 X 1080	460 ✓ 610 ✓	2590
Forecastle Bulkhead ...								
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Free- board or Raised Quarter Decks ...								
Exposed Machinery Casings on Super- structure Decks ...								
Machinery Casings within Superstruc- tures not fitted with Class I Closing Appliances ...								
MAIN XXXXXXXXXX Pump Room Entrances	PLATED VERTICALLY	II ✓	300 X 12 B.P. ✓	750 ✓	BKT. TOP WELDED BOTTOM	2 OFF 1400 X 700	610 ✓	2020 ✓

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

Poop Bulkhead ...	BOLTED W.T. STEEL PLATE, BOLTS SPACED 4.1/2 DIA. APART (CLASS I) ✓
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ...	2 PORTABLE STEEL PLATES SECURED WITH HOOK BOLTS NOT PASSING THROUGH BULKHEAD (CLASS I) ✓
Bridge, Forward Bulkhead ...	2 HINGED STEEL W.T. DOORS SECURED WITH CLIPS CAPABLE OF BEING OPERATED FROM BOTH SIDES (CLASS I) ✓
Forecastle Bulkhead ...	2 HINGED STEEL W.T. DOORS SECURED WITH CLIPS CAPABLE OF BEING OPERATED FROM BOTH SIDES AND 2 PORTABLE STEEL PLATES SECURED WITH HOOK BOLTS NOT PASSING THROUGH BULKHEAD (CLASS I) ✓
Exposed Machinery Casings on Free- board or Raised Quarter Decks ...	
Exposed Machinery Casings on Super- structure Decks ...	
Machinery Casings within Superstruc- tures not fitted with Class I Closing Appliances ...	
Deckhouses and Pump Room Entrances	2 HINGED STEEL W.T. DOORS SECURED WITH CLIPS CAPABLE OF BEING OPERATED FROM BOTH SIDES (CLASS I) ✓

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, side scuttles, scuppers, ventilators,



Particulars of fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing :-

FIDDLE FUNNEL VENT. COAMINGS & E.R. SKYLIGHT STRONGLY CONSTRUCTED OF STEEL.
SKYLIGHT FITTED WITH HINGED STEEL FLAPS WITH STRONG BULLSEYE LIGHTS.
FIDDLE OPENINGS PROVIDED WITH HINGED STEEL W.T. COVERS.
VENTS (DIMENSIONS IN MILLIMETRES) :-
8 AT 1070 DIA. X 7 THICK, HEIGHT 1900, FIXED MUSHROOM TOPS.
4 AT 650 DIA. X 5 THICK, HEIGHT 970, FIXED MUSHROOM TOPS.
2 AT 1000 DIA. X 7 THICK, HEIGHT 1150, FIXED MUSHROOM TOPS. EFFICIENTLY SUPPORTED.

Particulars of Flush Bunker Scuttles :-

1 - 430 MM. DIA. SCUTTLE ON POOP DECK WITH STEEL W.T. COVER SECURED WITH 4 TUGGLES.

Particulars of Companionways :-

"A" ENTRANCE TO FORWARD PUMP ROOM (INCORPORATED IN FOULE) PLATING 7.5, STIFFENERS 160 X 7 AND ON THE INTERNAL BULKHEADS, L 60 X 40 X 5, SPACED 570. HINGED STEEL W.T. DOOR SECURED WITH CLIPS OPERATED BOTH SIDES, SILL 610.
"B" COMPANIONWAY ENCLOSED IN STRONG STEEL DECKHOUSE ON BRIDGE DECK, HINGED STEEL W.T. DOOR OPERATED BOTH SIDES, SILL 380.
"C" STAIRWAYS INSIDE DECKHOUSE SUPERIMPOSED ON POOP DECK LEADING TO POOP SPACE, HOUSE OF STRONG CONSTRUCTION, HINGED STEEL OR 2" HARDWOOD DOORS OPERATED BOTH SIDES, SILL 460.
"D" ENTRANCE TO CHAINLOCKER (IN FOULE TWEENDECK) IN STRONG STEEL CASING, HINGED STEEL DOOR, SILL 1440.

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

NO.	OFF	DIA.	HEIGHT	THICK	POSITION	SWAN NECK VENTS:
1	596	915	10	10	FOULE DECK	4 ON FOULE DECK
2	596	915	10	10	DO	6 ON POOP DECK
4	346	915	9.5	10	DO	ALL 915 MM. HIGH OF STRONG CONSTRUCTION
2	445	915	10	10	DO	WITH HINGED STEEL COVERS SECURED WITH WING NUTS.
2	746	915	10	10	BRIDGE DECK	
2	445	760	10	10	BOAT DECK AMIDSHIPS	
1	419	915	10	10	DO	
1	150	760	7.5	10	NAV. BRIDGE TOP	
1	618	760	9	10	AFTER PUMP ROOM TOP	
2	300	1500	8.5	10	BOAT DECK AFT	
1	542	850	8	10	TOP OF DECKHOUSE SUPERIMPOSED	
1	254	1300	7	10	ON BOAT DECK AFT.	
1	2400	460	1150	6	DO	
1	580	1200	10	10	DO	
2	360	1000	7.5	10	FIDDLE TOP	
2	610	450	1400	10	DO	
1	698	11520	12	12	UPPER DECK	
1	698	3640	12	12	DO	

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

NO.	OFF	POSITION	DIA.	HEIGHT
1		FOCLE DECK	250	800 ✓
2		DO	200	460 ✓
2		UPPER DECK FWD.	200	1640 ⊗ ✓
2		DO	125	915 ✓
2		UPPER DECK AFT	125	915 ✓
2		DO	200	2550 ⊗ ✓
2		DO	200	2200 ⊗ ✓
3		UPPER DK. AMIDS.	200	1000 ⊗ ✓
2		BRIDGE DECK	80	460 ✓
1		POOP DECK	150	460 ✓
4		DO	65	460 ✓
2		TOP OF DECKHOUSE	40	460 ✓
		SUPERIMPOSED ON		
		AFTER BOAT DECK.		

AIR PIPES TO OIL TANKS, WATER BALLAST TANKS NO. 5 AND F.W. TANKS IN BRIDGE FITTED WITH SPHERICAL NONRETURN VALVES AND DOUBLE SUPPORTING RINGS. ✓
AIR PIPES TO AFTER PEAK TANK FITTED WITH WEIGHTED HINGED COVER. ✓
AIR PIPES TO DB COFFERDAMS (65 DIA. ON POOP) AND FORE PEAK TANK FITTED WITH HINGED STEEL COVERS SECURED WITH A SPRING CLIP. ✓
ALL AIR PIPES TO O.F. TANKS FITTED WITH DOUBLE WIRE GAUZE. ✓

EFFICIENTLY SUPPORTED

Particulars of Gangway Cargo and Coaling Ports :-

NONE

Particulars of Scuppers and Sanitary Discharge Pipes :-

2 PIPE SCUPPERS FROM FOULE DECK DISCHARGE ON TO UPPER DECK
6 PIPE SCUPPERS FROM BRIDGE DECK DISCHARGE ON TO UPPER DECK
8 PIPE SCUPPERS FROM POOP DECK DISCHARGE ON TO UPPER DECK
11 PIPE SCUPPERS FROM HOUSES UNDER FOULE DECK DISCHARGE TO DRAIN HATS ON SECOND DECK AND ARE PUMPED OVERBOARD BY BILGE PUMP IN FORWARD PUMP ROOM.
BRIDGE SPACE DRAINED BY FLAP VALVES ON END BULKHEADS.
SCUPPERS FROM CASING TOP AND SWIMMING POOL DISCHARGE OVERBOARD.
SANITARY DISCHARGES FROM BRIDGE ACCOMMODATION DISCHARGE OVERBOARD BY MEANS OF STEEL PIPE OF SUBSTANTIAL THICKNESS THROUGH CARGO TANKS, ONE NON-RETURN VALVE AND 1 GATE VALVE, CONTROLLED IN PLACE, BOTH FITTED ABOVE FREEBOARD DECK.
SANITARY DISCHARGES FROM ACCOMMODATION IN AND ABOVE POOP DISCHARGE OVERBOARD BELOW FREEBOARD DECK WITH S.D.N.R. VALVES AT SHIP'S SIDES, CONTROLLED IN PLACE.
SCUPPERS FROM ACCOMMODATION INSIDE POOP CONNECTED TO SANITARY DISCHARGE COLLECTOR.

Particulars of Side Scuttles and Deadlights :-

IN POOP SIDE SHELL (P & S), 340 & 450 MM. DIA., OPENING TYPE, OF STRONG CONSTRUCTION, FRAMES OF STEEL WELDED TO SHELL, GLASS HOLDERS OF BRASS, 3 SWING BOLTS.
HINGED DEADLIGHT OF CAST ALUMINIUM ALLOY WITH RE-INFORCING RIBS, 2 SWING BOLTS.
IN POOP FRONT BULKHEAD, 425 MM. DIA., NON-OPENING TYPE, OF STRONG CONSTRUCTION, FRAMES OF STEEL WELDED TO BULKHEAD, GLASS HOLDER OF BRASS, HINGED DEADLIGHT OF CAST ALUMINIUM ALLOY WITH RE-INFORCING RIBS, 3 SWING BOLTS.

Vertical distance of Sill of lowest Side Scuttle above top of keel
Distance from amidships to centre of lowest Side Scuttle

Particulars of Guard Rails and Bulwarks :-

ON FOULE DECK 3 RAILS HEIGHT 1100
ON UPPER DECK 3 RAILS HEIGHT 1100
ON POOP DECK 3 RAILS HEIGHT 1100
ON GANGWAY 3 RAILS HEIGHT 1100
STANCHIONS SPACED MAX. 1300

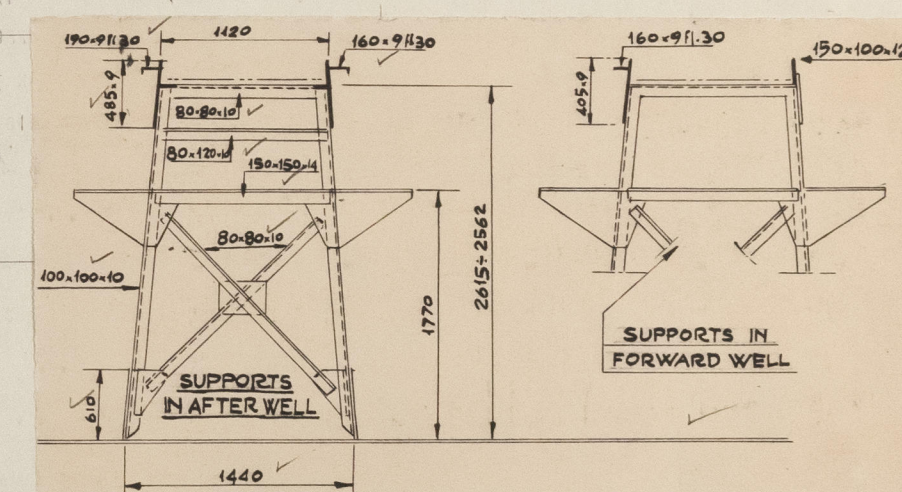
Particulars of Gangways, Lifelines, etc. :-

GANGWAY FROM FOULE TO BRIDGE AND FROM BRIDGE TO POOP

SUPPORTS AS PER ATTACHED SKETCHES

F. & A. BRACING L 80 X 80 X 10 DIAG. FITTED AT EVERY 4TH BAY.

GANGWAY PROVIDED WITH NON-SLIP WALKING SURFACE.



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						
Forward Well						

State position of each freeing port

(F. and A. position and height above deck edge)

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 PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS. DIMENSIONS IN MILLIMETRE											
Description of Hatchway			30 OFF TO	3 OFF TO	2 OFF TO	2 OFF TO	4 OFF TO	INSIDE FOCL	INSIDE FOCL	INSIDE FOCL	2 OFF TO
			CARGOTANKS	No.5 WB.TANKS	BUNKERS AFT	BUNKERS FWD.	COFFERDAMS	TO BOSUNS	TO DRY CARGO	TO STEER.GEAR	TO DRY CARGO
Dimensions of Hatchway			1220 DIA.	1220 DIA.	780 DIA.	610	610 DIA.	930X930	1860X1860	1150X1240	930X930
COAMINGS	{	Height above Deck ...	760	760	620	620	620	200	460	FLUSH	760
		Thickness {	{	Sides ...	14	14	14	10	10	ENCLOSED	10
				Ends ...	14	14	10	10	IN STEEL	10	
		Stiffeners ...	{	Sides ...	NONE	NONE	NONE	NONE	NONE	NONE	W.T.CASING
Brackets, Stays	Ends ...										
HATCH BEAMS	{	Number ...									
		Spacing ...									
		Scantling and Sketch ...									
		Bearing Surface ...									
FORE AND AFTERS	{	Number ...									
		Spacing ...									
		Unsupported Lengths ...									
		Scantling* and Sketch ...									
HATCH COVERS	{	Material ...									
		Thickness ...	12.5	12.5	13.5	13.5	13.5				
		How fitted ...	EFFICIENTLY SECURED		EFFICIENTLY SECURED						
		Bearing Surface ...	WITH STRONG BACK & TOGGLE		WITH 4 TOGGLES						
Spacing of Cleats											
Number of Tarpaulins... ..											
<div>*Are wood fore and afters steel shod at all bearing surfaces ?</div> <div>Are battens and wedges efficient and in good condition ?</div> <div>Are tarpaulins in good condition and in accordance with rule requirements ?</div> <div>Are lashings provided in accordance with rule requirements ?</div> <div>Are wood covers fitted with galvanised end bands ?</div>											
<div>BUTTERWORTH OPENINGS TO CARGO TANKS AND OIL FUEL BUNKERS ON UPPER DECK 317 DIA. CLOSED WITH BRASS COVERS 20 THICK AND 10 STUDS 22 DIA. WITH PACKING.</div>											