

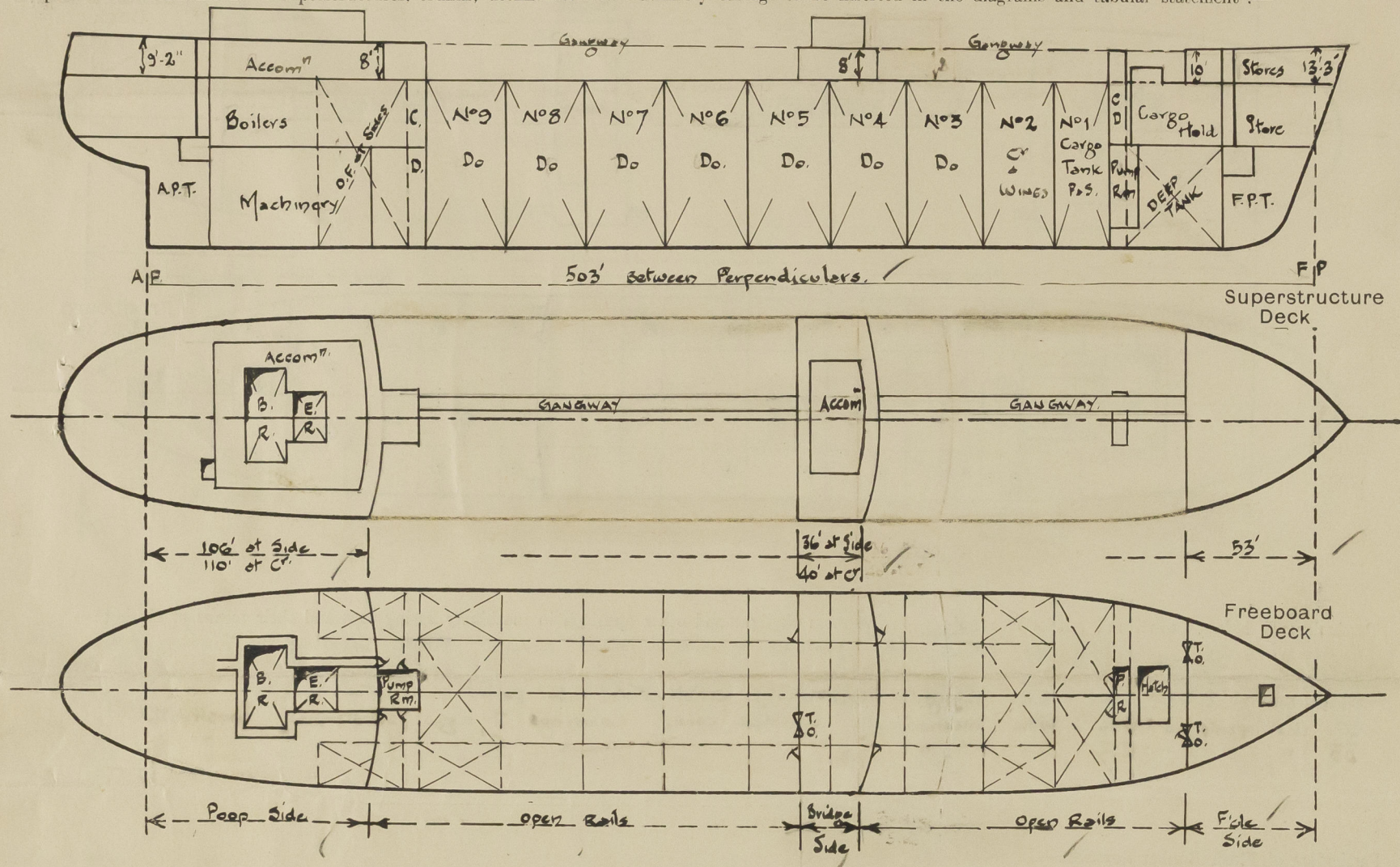
Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name "ESSEO MANCHESTER" Port of Survey London
 Official Number 181584 Surveyor's Signature E. Little
 Nationality and Port of Registry British Date of Survey 27/28 Feb. - 3 Mar. 1947

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.

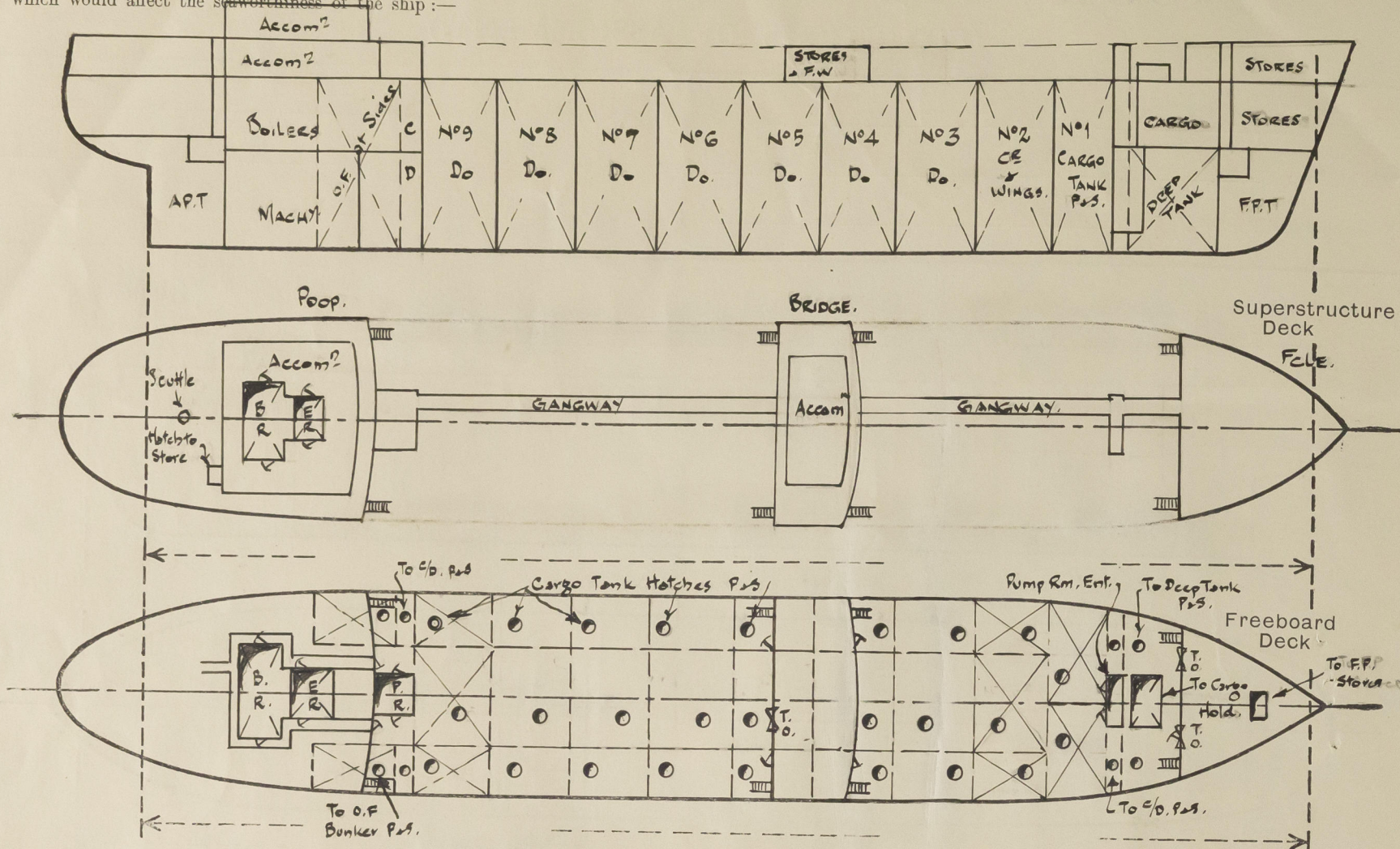
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	✓	3/8	9" x 3/8" flanged plates, 4" flange	30"	Electrically welded	2 @ 5' x 28"	18"	8'
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...		3/8	4' x 3' x 30" angles welded toe on	30"	E.W.	2 @ 5' x 28" 1 @ 5'3" x 4'3"	18"	8'
Bridge, Forward Bulkhead ...		3/8	9' x 3/8" flanged plates, 4" flange	30"	E.W.	2 @ 5' x 28"	18"	8'
Forecastle Bulkhead ...		3/8	4 x 3 x 3/8 angles welded toe on	30"	Bkts. at Top	1 @ 6' x 4'3" 1 @ 5'6" x 4'3"	16"	10'
Trunk, Aft ...	✓							
Trunk, Forward ...	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓							
Exposed Machinery Casings on Superstructure Decks ...	✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓							
Deckhouses on Flush Deck Ships ...	✓							

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

Poop Bulkhead ...	Hinged Steel W.T. door P.S. capable of being operated from both sides
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ...	Portable steel Plate secured by hook bolts. Hinged Steel W.T. door P.S. capable of being operated from both sides
Bridge, Forward Bulkhead ...	Hinged Steel W.T. door P.S. capable of being operated from both sides
Forecastle Bulkhead ...	Two steel plates (portable) secured by hook bolts, with steel W.T. door in S.S. plate operated from both sides.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	
Exposed Machinery Casings on Superstructure Decks ...	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	
Deckhouses on Flush Deck Ships ...	

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 filler, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing :—

Fiddle opening on casing top fitted with gratings & hinged steel covers.				Fiddle opening in funnel fitted with hinged steel door.
Steel casing fitted over E.R. skylight, substantially constructed with patent ventilation on top.				
27- 33"	diam vents to B.R. with mechanically operated cowls.			Cowmings 8' high substantially constructed.
" "	E.R. " " " " " "			" " " " " "

Particulars of Flush Bunker Scuttles :—

one 18" dia' cast steel on Poop deck, to Stern space. Provided with chain attachment.

Particulars of Companionways :—

To Pump Rm. Entrances For 2 Aft. of steel $\frac{3}{8}$ " thick & elec. welded construction. Casings 8' high with openings 5' x 26" closed by hinged steel W.T. doors. Sills 18" high. 2 skylights fitted to top of after pump room entrance. of steel substantially constructed with hinged steel flaps. Flaps provided with 12" dia. fixed lights with hinged steel decklights.

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

ON FILE DK: 1-12" dia. to lower Store Coaming 34" high with mushroom top. ✓
 1-12" " " Upper " 60" " " hinged steel W.T. lid
 1-12" " " File Space " 39" " " thro' file blk. with hinged steel W.T. lid.

ON UPPER DK: 1-16" " p.s. to Cargo Hold. Coaming 12'6" high with hinged steel W.T. lid. Coaming bracketed
 2-14" " on pump room top for " 36" " " " " " to File blk.

ON BRIDGE DK:- 4-12" " to bridge stores " 36" " " " " "
ON POOP DK:- 18" dia inlet to Mech. Vent. Coming 5'-6" high with permanently attached canopy & grill
 18"x14" outlet " " " 24" " with hinged w.T. lid.
 1-9" dia gooseneck to S.G. comp. 45" " " " " "

All vent coamings welded direct to deck plating.

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

ON FILE DK:-
ON UPPER DK:-

1-4	dis ^x gooseneck	to F.P.T.	48" high	✓
3"	"	to ford.	2 ft. cofferdams pas.	36" high ✓
6"	"	to fox ^d deep tank	pas.	6' high attached to File Bhd. ✓
6"	"	to O.F. bunkers	2 ft pas.	12' " " " " Pop. Bhd. ✓

DN Poop Dk: 4" Goose-neck to A.P.T. 26" high ✓
Air pipes closed by hinged grills ✓

Particulars of Gangway Cargo and Coaling Ports :—

NONE

Esso Manchester.

Particulars of Scuppers and Sanitary Discharge Pipes :—

From Accomⁿ AFT:-

P.S.	$\left\{ \begin{array}{l} 3-4'' \\ 4-2'' \end{array} \right.$	discharges	led	below	Upper	Dx
		"	"	"	"	"
S.S.	$\left\{ \begin{array}{l} 2-4'' \\ 3-2'' \end{array} \right.$	"	"	"	"	"
		"	"	"	"	"

One 2" dia drain from butchers shop led below upper DK. ✓

All discharges fitted with automatic non-return valves at shell. ✓

Particulars of Side Scuttles :—

IN POOP SIDE P+S.

Efficient side scuttles, 16" dia, hinged type with hinged deadlights.

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

Particulars of Guard Rails :—

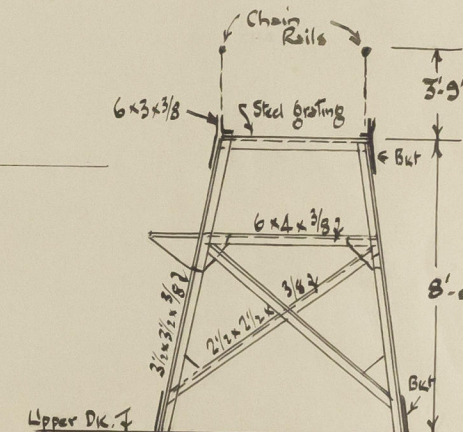
At Sides of Upper Dk. :- Stanchions 3'-6" high with 2 rails

u u u FILE. :-

u u u POOP :-

Particulars of Gangways, Lifelines, etc. :—

Fore and aft gangway fitted between forecastle and bridge & bridge and poop. (See Sketch)




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	<div style="transform: rotate(-45deg);">NONE</div>					
Forward Well						

State position of each freeing port { After Well :—
(F. and A. position and height above deck edge) { 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.


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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
ON FREEBOARD DECK									
Description of Hatchway	IN. F.C.E. To F.P. STORE	To CARGO HOLD	To CARGO OIL TANKS	To COFFERDAMS FOR ² AFT	To DEEP TANK FORD.	To O.F. BUNKERS AFT	To STEWARDS STORE		
Dimensions of Hatchway	3' x 3'	14'9" x 11'3"	48" dia	26" DIA	26" dia	36" dia	4'4" x 4'		
COAMINGS	Height above Deck	30"	30"	31"	26"	26"	30"	26"	
	Thickness { Sides	.50" ✓	.50" ✓	.55" ✓	.50" ✓	.50" ✓	.50" ✓	.50" ✓	
	Stiffeners { Ends	3" flat bar	3" flat bar	3" flat	3" flat	3" flat	3" flat	3" flat	
	Brackets, Stays	all round	all round	all round	all round	all round	all round	all round	
HATCH BEAMS	Number	/	/	/	/	/	/	/	
	Spacing	/	/	/	/	/	/	/	
	Scantling and Sketch	/	/	/	/	/	/	/	
	Bearing Surface	/	/	/	/	/	/	/	
FORE AND AFTERS	Number	/	/	/	/	/	/	/	
	Spacing	/	/	/	/	/	/	/	
	Unsupported Lengths	/	/	/	/	/	/	/	
	Scantling* and Sketch	/	/	/	/	/	/	/	
	Bearing Surface	/	/	/	/	/	/	/	
HATCH COVERS	Material	Steel W.T.	Steel W.T.	Steel O.T.	Steel O.T.	Steel O.T.	Steel O.T.	Steel W.T.	
	Thickness	.50" ✓	.50" ✓	5/8" ✓	.50" ✓	.50" ✓	.50" ✓	.50" ✓	
	How fitted	Hinged & secured by toggles	Hinged & secured by toggles	Hinged & secured by screw	Hinged & secured by toggles	Hinged & secured by toggles	Hinged & secured by toggles	Hinged & secured by toggles	
	Bearing Surface	/	/	/	/	/	/	/	
Spacing of Cleats	/	/	/	/	/	/	/	/	
Number of Tarpaulins	/	/	/	/	/	/	/	/	

N.B. All cargo oil tanks hatch covers fitted with a 10" dia sounding hole provided with steel hinged O.T. lid secured by strongbacks.

A 22" x 14" W.T. manhole fitted on cover of cargo hatch forward. Cover of steel secured by toggles.

*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:—



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