

Lloyd's Register of Shipping.

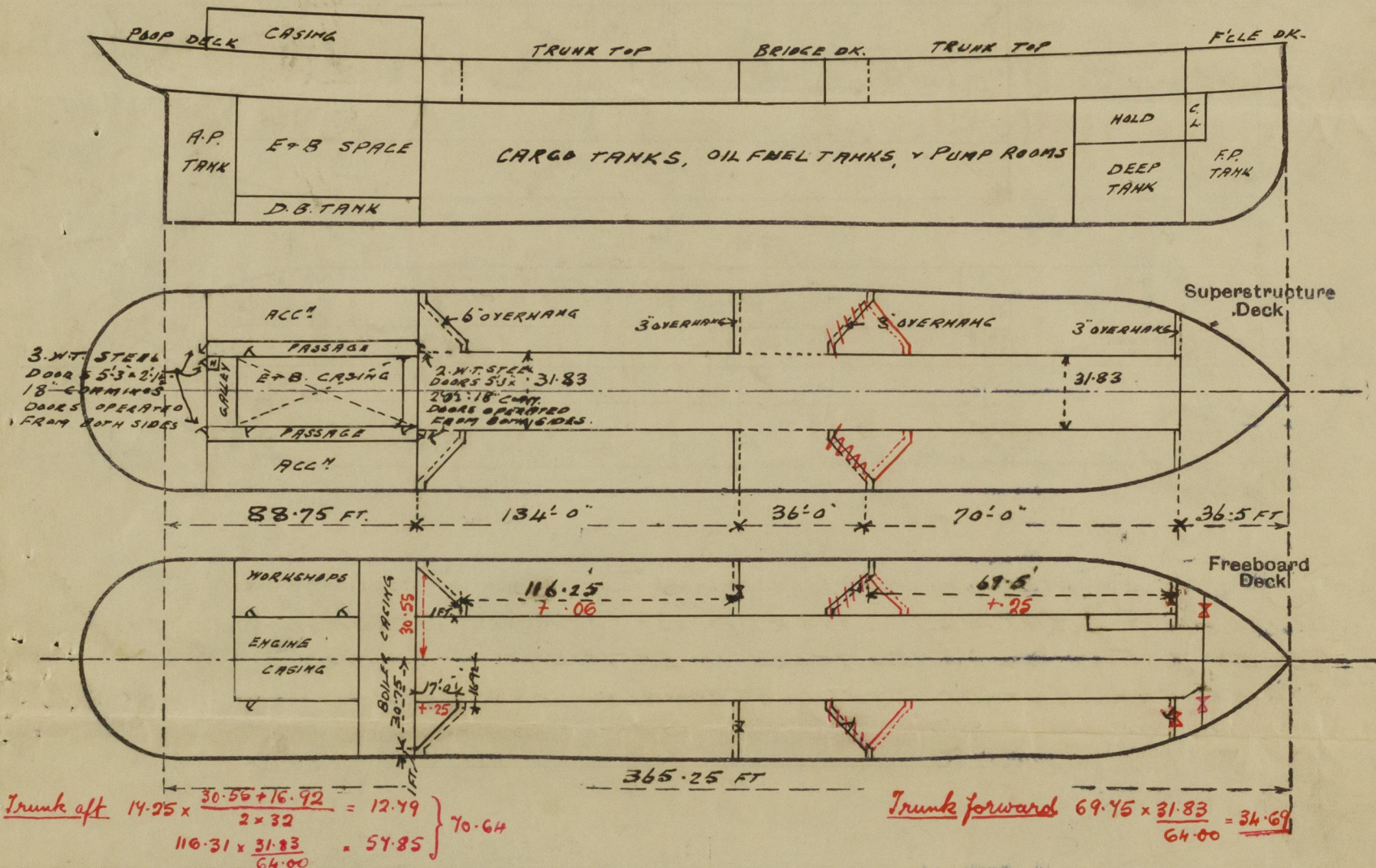
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

15989

Ship's Name T.S.S. "MISOA" Port of Survey MIDDLESBROUGH
 Official Number 165526 Surveyor's Signature J. E. Richter
 Nationality and Port of Registry BRITISH LONDON Date of Survey WHILE BUILDING

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 ...	NONE	48" x 44"	8 1/2 x 3 x 42 B.A.	30"	LUGS TOP & BOTTOM	NONE	"	8'-0"
Raised Quarter Deck Bulkhead ...	"							
Bridge, After Bulkhead ...	NONE	3	4 x 3 x 32 L	32"	BRACKETS AT 4 1/2" x 3 1/2" P.S. TOP ONLY	4 1/2" x 3 1/2" SS	21"	8'-0"
Bridge, Forward Bulkhead ...	NONE	44	8 x 3 x 4 B.A.	30"	LUGS TOP & BOTTOM	5 1/2" x 3 1/2" P.S. 5 1/2" x 3 1/2" SS	18"	8'-0"
Forecastle Bulkhead ...	NONE	3	4 x 3 x 4 L	33"	NONE	5 1/2" x 2 1/2" P.S. 5 1/2" x 2 1/2" SS	18"	8'-0"
Trunk, Aft ...	30" x 5	6	8 x 3 x 38 B.A. LONGITUDINAL	32"	BRACKETS	NONE	"	8'-0"
Trunk, Forward ...	30" x 5	6	D	32"	BRACKETS	NONE	"	8'-0"
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	"							
Exposed Machinery Casings on Superstructure Decks ...	42" x 3	3	3 1/2 x 2 1/2 x 3 L	36"	BRACKETS AT 1 1/2" x 2 1/2" P.S. AT TOP ONLY	2 1/2" x 2 1/2" SS	15"	9'-6"
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 ...	NO OPENINGS
Raised Quarter Deck Bulkhead ...	"
Bridge, After Bulkhead ...	TWO TONNAGE OPENINGS / PORT. 1 STAR? 3 PLATE WITH HOOK BOLTS 1/24 APART
Bridge, Forward Bulkhead ...	TWO WATERTIGHT STEEL DOORS / PORT. 1 STAR? OPERATED FROM BOTH SIDES
Forecastle Bulkhead ...	TWO WATERTIGHT STEEL DOORS / PORT. 1 STAR? D?
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	"
Exposed Machinery Casings on Superstructure Decks (ENCLOSED IN STEEL HOUSE)	TWO STEEL DOORS STAR? SIDE. ONE STEEL DOOR PORT SIDE. DOORS OPERATED FROM BOTH SIDES.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	"
Deckhouses on Flush Deck Ships ...	"

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway									
Dimensions of Hatchway									
COAMINGS	{	Height above Deck ...	<p>SIX OILTIGHT HATCHES ON TRUNK TOP 4'-0" x 2'-6" TO CENTRE OIL TANKS</p> <p>COAMINGS 2'-6" x .4 STEEL COVERS .5 FITTED WITH TOGGLES SPACED AS APPROVED. ✓</p>						
		Thickness ... Sides ...							
		Stiffeners ...							
		Brackets, Stays ...							
HATCH BEAMS	{	Number ...	<p>THREE OILTIGHT HATCHES EACH SIDE ON UPPER DECK. TO WING TANKS 24" x 18" (OVAL) COAMINGS 6" x 3/8" CASTING HINGED COVERS FITTED WITH TOGGLES SPACED AS APPROVED. ✓</p> <p>GASTIGHT STEEL HATCH ON F'CLE DK. 4'-0" x 3'-6" COAMINGS 2'-0" x .44. STEEL HINGED COVER .54 FITTED WITH TOGGLES SPACED AS APPROVED. ✓</p>						
		Spacing ...							
		Scantling and Sketch ...							
		Bearing Surface ...							
FORE AND AFTERS	{	Number ...	<p>WATERTIGHT HATCH ON TRUNK TOP TO CARGO SPACE FORWARD 15'-10 1/2" x 8'-1 1/4" COAMING 2'-6" x .44. STEEL COVER .5 FITTED WITH TOGGLES 2'-0" APART STIFFERS 5 1/2" x 3" x .3 B.R. 24" APART. ✓</p>						
		Spacing ...							
		Unsupported Lengths ...							
		Scantling* and Sketch ...							
HATCH COVERS	{	Material ...	<p>THREE QT. STEEL HATCHES TO OIL FUEL BUNKERS AFT ON TRUNK TOP 2'-6" DIA. COAMINGS 2'-6" x .4 HINGED STEEL COVERS .4 FITTED WITH TOGGLES SPACED AS APPROVED. ✓</p>						
		Thickness ...							
		How fitted ...							
		Bearing Surface ...							
Spacing of Cleats									
Number of Tarpaulins									
<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 any special features :—

Endorsement at first survey and at surveys for renewal of Certificate :—

The fittings and appliances are in accordance with the particulars shown on this form (or as now modified) and are in good condition.



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Particulars of Gangway Cargo and Coaling Ports:—

✓

Particulars of Scuppers and Sanitary Discharge Pipes:—

SCUPPERS FITTED WITH GUNMETAL STORM VALVE AT SHIPS SIDE
AND BRASS GRATING AT DECK. ✓
SANITARY DISCHARGE PIPES FITTED WITH GUNMETAL STORM VALVES AT
SHIPS SIDE AND EFFICIENT TRAP AT INNER END. ✓
NOTE THERE ARE NO SANITARY DISCHARGES AND NO OVERBOARD
SCUPPERS FROM THE INTACT POOP SPACE. ✓

Particulars of Side Scuttles:—

SIDE SCUTTLES IN BRIDGE SPACE FITTED WITH HINGED DEADLIGHTS.
NO SIDE SCUTTLES FITTED IN FORECASTLE OR POOP SPACES
AND NONE BELOW FREEBOARD DECK. ✓
SIDE SCUTTLES OF SUBSTANTIAL CONSTRUCTION. ✓

Vertical distance of Sill of lowest Side Scuttle above top of keel 24'-5½" ✓

Particulars of Guard Rails:—

GUARD RAILS ON FREEBOARD DK. 3'-6" HIGH WITH 3 RAILS. STANCHIONS 4'-6" APART.
" " " TRUNK TOP D: D: D:
" " " F'CLE DK. D: D: D:
" " " BRIDGE DK. D: D: STANCHIONS 4'-0" APART
" " " POOP DK. D: D: D: ✓

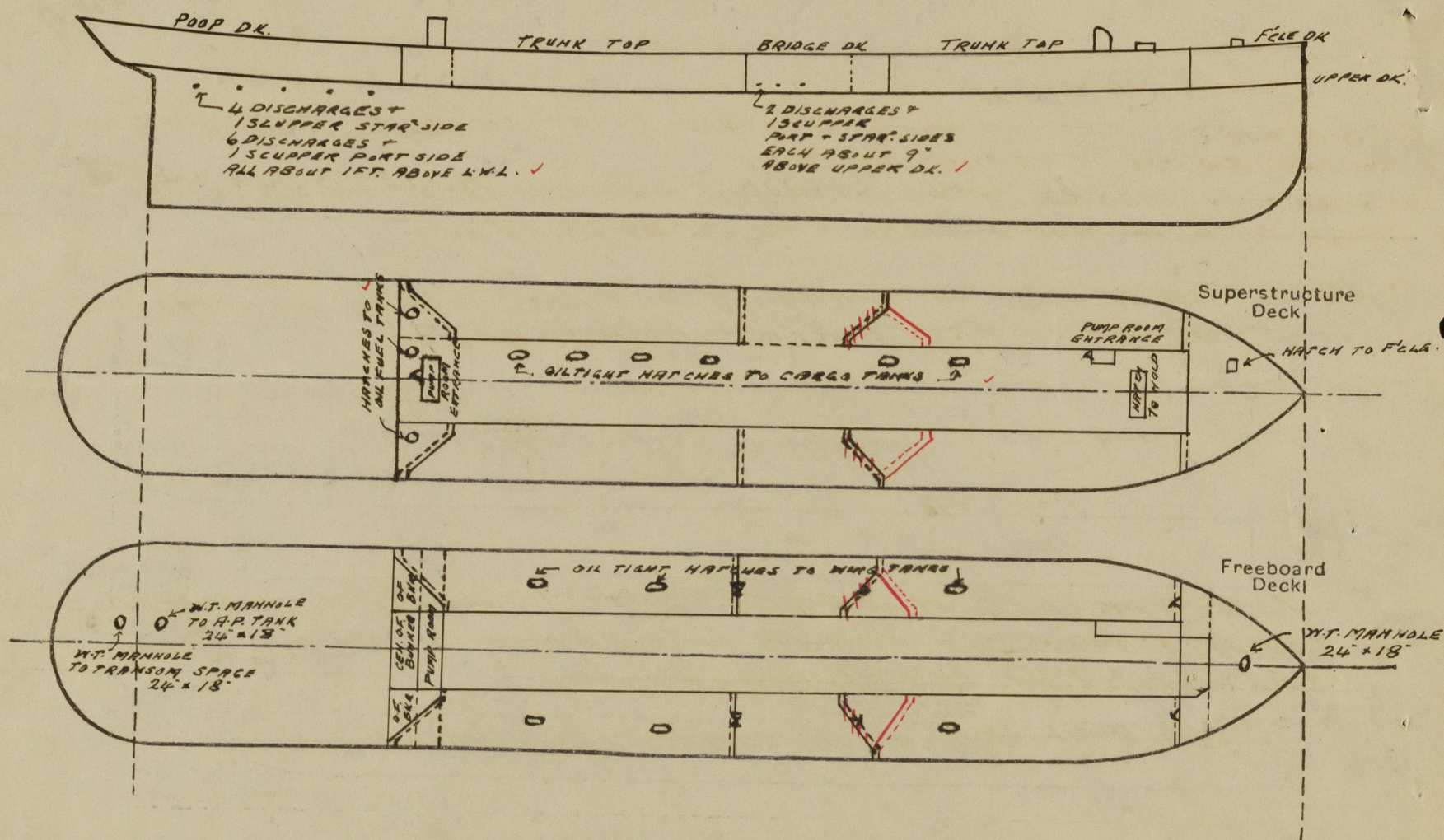
Particulars of Gangways, Lifelines, etc.:—

✓

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 { 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.						

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

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:—

Particulars of Companionways:—

STEEL COMPANIONWAY ON TRUNK TOP TO FORM² PUMP ROOM 6'-0" x 4'-0" x .4 6'-6" HIGH.
W.T. STEEL DOOR 4'-8 1/2" x 2'-0" 18" CORN² DOOR OPERATED FROM BOTH SIDES. ✓

STEEL DK. HOUSE ON TRUNK TOP TO AFTER PUMP ROOM 18'-0" x 5'-0" x .34. 8'-0" HIGH.
W.T. STEEL DOOR 5'-3" x 2'-6" 18" CORN² DOOR OPERATED FROM BOTH SIDES. ✓

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

Particulars of Ventilators in exposed positions on freeboard and superstructure decks :-					
1	VENT. ON FLEE DK.	12" DIA.	CORR.	3'-6" x .34	LED TO FIRE PAK.
2	VENTS ON	"	"	3'-0" x .3	" " STIRB ROOMS
2	"	TRUNK TOP 16"	"	3'-6" x .38	" " FORN. PUMP ROOM
2	"	"	16"	3'-6" x .38	" " CARGO HOLD (FORN.)
2	"	"	20"	3'-6" x .4	" " AFTER PUMP ROOM
1	VENT ON POOP DK.	8"	"	2'-6" x .3	" " STEERING GEAR HOUSE

ALL VENTILATORS CONSTRUCTED IN ACCORDANCE WITH RULES AND
COAMINGS CLOSED WITH WOOD PLUGS AND CANVAS COVERS. ✓

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

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

ONE AIR PIPE ON KEEL DK.	18"	HIGH	X	5"	DIA.	FROM FORE PEAK
SIX AIR PIPES ON UPPER DK.	36"	HIGH	X	4"	DIA.	FROM WING TANKS
TWO " " " "	36"	"	X	3"	"	OIL FUEL TANKS
ONE AIR PIPE ON TRUNK TOP	18"	"	X	3"	"	"
TWO AIR PIPES ON UPPER DK.	36"	"	X	4"	"	"
TWO AIR PIPES ON BOAT DK.	12"	"	X	3"	"	DEEP TANK
TWO " " " "	12"	"	X	3"	"	WASHING WATER TANK
TWO " " " POOP DK.	18"	"	X	3"	"	FEED WATER TANK
						AFTER PEAK TANK

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ALL AIR PIPES OF STEEL TUBES WITH CAST IRON TOP.
AIR PIPES TO OIL TANKS FITTED WITH SCREENED PLATE COVER.
REMAINDER OF AIR PIPES FITTED WITH WOOD PLUGS AND CHAINS.