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Lloyd's Register of Shipping.

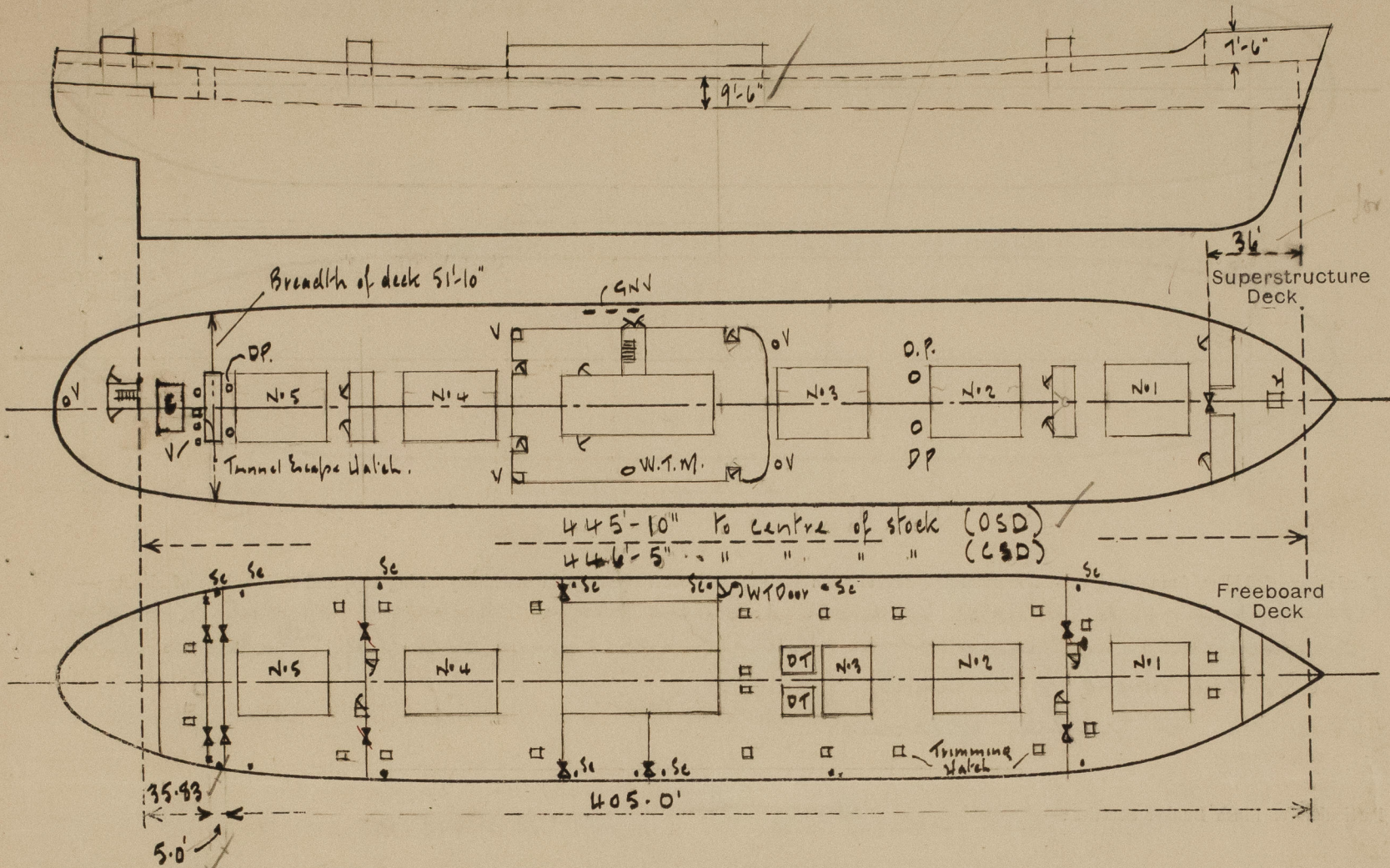
Index No. 43248
(For London Office only.)

SURVEYS FOR FREEBOARD. (CONDITIONS OF ASSIGNMENT.)

7 MAY 1955

Ship's Name AYIA MARKELLA Port of Survey Sunderland
Official Number _____ Surveyor's Signature Jas. L. Renne
Nationality and Port of Registry Greek. Chios. Date of Survey whilst 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 ...	✓							
Raised Quarter Deck Bulkhead ...	✓							
Bridge After Bulkhead ...	✓	.26	Transverse 60" + 6"	✓	welded	2-5' + 3'-1"	18"	9'-6"
Bridge Forward Bulkhead ...	✓	.26	Transverse 60" + 6"	✓	welded	2-5' + 3'-1"	18"	9'-6"
Forecastle Bulkhead ...	✓	.26	3+3+.26 1A	✓ 30'	✓	1-5'-1" + 4'-1" 2-5' + 2'	18"	1'-6"
Trunk, Aft ...	✓							
Trunk, Forward ...	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓							
Exposed Machinery Casings on Superstructure Decks ...	.30	.26	3+2 1/2+.26 1A	✓ 30"	Blk's top.	2-5'-6" + 2'	12"	8'-0"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	.30	.26	3+2 1/2+.26 1A	✓ 30"	✓	✓	✓	9'-6"
Deckhouses on Freeboard Deck	Front side .32 End .27	.32 .30	5+3+.26 1A 3+2 1/2+.26 1A	✓ 30" ✓ 30"	welded Blk's top. welded bottom	4-4'-3" + 2'-0" 1-4'-6" + 3'-0"	26" 24"	8'-0"

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

Poop Bulkhead ...	✓
Raised Quarter Deck Bulkhead ...	✓
Bridge After Bulkhead ...	Portable steel plates secured by hook bolts
Bridge Forward Bulkhead ...	" " " " " " " "
Forecastle Bulkhead ...	Hinged steel doors securing both sides.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	Portable steel plates secured by hook bolts.
Exposed Machinery Casings on Superstructure Decks ...	Hinged steel doors securing both sides.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓
Deckhouses on Freeboard Deck	Hinged bulk doors 1 1/2" thick securing both sides. " steel W.T. door

Class II

Class II

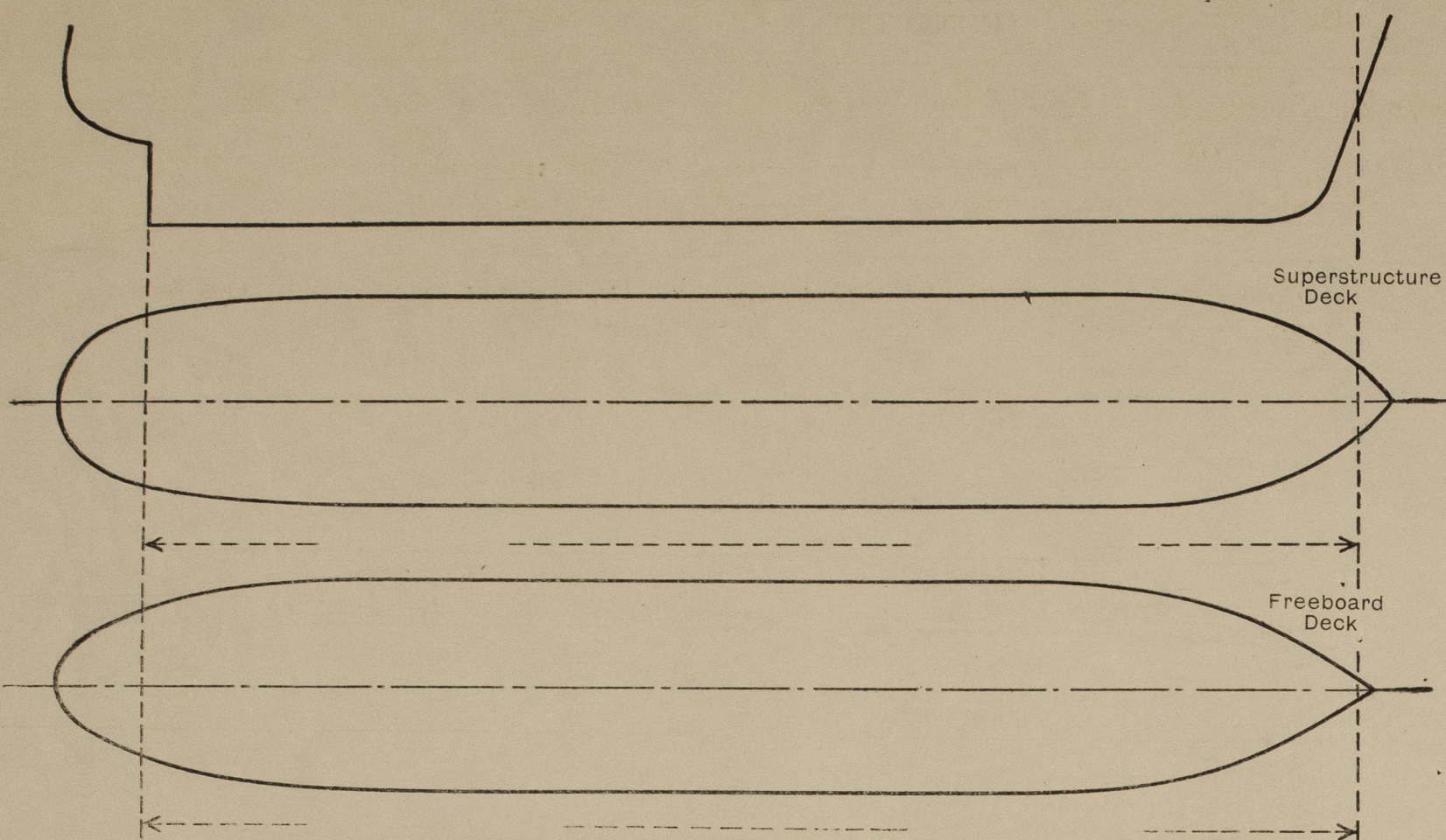
Class I

Class II

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

Fiddley, funnel & ventilator coamings & engine room skylight of steel strongly constructed. The engine room skylight has hinged steel flaps each fitted with quadrant & open & two strong fixed lights. There are no fiddley openings.

Particulars of Flush Bunker Scuttles:—

None.

Particulars of Companionways:— Access ladders to holds & tween decks inside masts & houses. Masthouse doors W.T. 4'6" x 2' 24" sills. Down to tween deck ladders 5'2" x 2'1" 18" sills. Stairway to tween deck in masts & houses deckhouse W.T. door (in halves) 4'6" x 3' 24" sills. Steel companion to steering compartment aft 1' high x 6' x 1'6". W.T. door part 4'6" x 2' 24" sills. All doors are of steel, hinged, & operate from either side.

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

Fore Dk. 1-12" dia + 36" 36" high. 2-21" dia + 40 36" high. 4 gooseneck vents 6" dia. 30" high. Upper Dk. on masthouse top, 4-30" high + 40 35" high. " " 2-21" dia + 40 36" high. " " 2 D.P. vents 30" dia + 60 60 2 D.P. vents 22" dia + 60 50. Self supporting. " " aft 2-6" dia + 30 1-10" dia + 34 each 36" high. " " 1-10 + 34 30" high with S.D. masthouse top. " " 5 gooseneck vents (3-1" dia 2-6" dia) each 30" high to top. Bridge Deck. 2-21" dia + 40 30" high.

All vents (excepting D.P. vents & M.V.) supplied with wooden plugs & canvas covers.

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

Fore Deck. 1-4" dia, 1-5" dia. Upper Dk. 2-5" dia, 19-4" dia, 6-3" dia 6-2 1/2" dia 1-2" dia 1-1 1/2" dia. each 30" high to top.

Oil fuel tanks & surrounded with wire gauge & canvas covers. Remainder " " wooden planks.

Particulars of Gangway Cargo and Coaling Ports:—

None.

Asia Markella.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Tween Dk. Tonnage Well. 1-5" SDR Valve thro shell part. Controlled from Upper Dk. Indicator fitted. " " 4-3" dia. scuppers part. led to hold bulges. " " 2-3" " " part " " S.Rm " fitted with "self closing cocks". " " aft drained into Tonnage Well by non return flap in bulkhead part.

Sanitary discharges from deckhouses above Upper Dk led overboard through tween deck shell. Brass storm valves fitted at shell. Port 2-4" dia 1-3" dia 2-2" dia. Starboard 3-4" dia, 3-2 1/2" dia, 2-2" dia.

Particulars of Side Scuttles:—

In steering Compint. 4 off, 10" dia opening lights (brass) each fitted with hinged deadlight.

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

4'10"

Particulars of Guard Rails:—

Fore Dk. 3 rows of guardrails 3'6" high. Stanchions spaced 5' apart. Upper Dk. Steel bulwark 3' high + 25 with 6" x railbar efficiently stiffened by flanged plate bracket stays 6' apart.

Particulars of Gangways, Lifelines, etc.:—

Provision for lifelines fitted TO ENABLE CREW TO REACH ALL PARTS OF THE SHIP NECESSARY FOR THEIR WORK.

Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
Aft Wall	409.43	3' 1"	53'-0" + 4"	2	35.3 #	40.983 sq ft
Forward Wall			11'-6" + 4" 36'-6" + 4" 40'-6" + 4"	1	49.5 #	45.25 sq ft

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:— slots 10" above deck edge.

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
			Superstructure Dk			Freeboard Deck					
Description of Hatchway	...	...	N°1	N°5	N°6	N°1	N°2	N°3	N°4	N°5	Deep Tank
Dimensions of Hatchway	...	...	33'9" + 24'	35' + 24'	12' + 16'	33'9" + 24'	35' + 24'	20' + 24'	40' + 24'	35' + 24'	2-12'6" + 10'
Reith COAMINGS	Height above Deck	...	31	31	30	9"	3 1/2"	40	5	5	9'4" + 40'
	Thickness	...	50	50	50	9"	3 1/2"	40	5	5	1 A.
	Stiffeners	...	9" S 1" E	9" S 1" E	9" S 1" E	✓	✓	✓	✓	✓	✓
	Brackets, Stays	...	4	4	1	✓	✓	✓	✓	✓	✓
HATCH BEAMS	Number	...	5	5	1	5	5	5	5	5	✓
	Spacing	...	5'-1 1/2"	5'-10"	6'-0"	5'-1 1/2"	5'-10"	5'-0"	5'-8 1/4"	5'-10"	✓
	Scantling and Sketch	...	19 1/2" x 34	20 x 38	16 x 36	25 1/2" x 43	25 x 40	19 x 38	21 x 38	22 x 38	✓
	Bearing Surface	...	4"	4"	4"	4"	4"	4"	4"	4"	3 stiffeners fitted to each hatch cover
FORE AND AFTERS	Number	...									1 1/2" x 42
	Spacing	...									1 A
	Unsupported Lengths	...									spaced 3'-0 3/4"
	Scantling* and Sketch	...									✓
HATCH COVERS	Material	...	WP	WP	WP	WP	WP	WP	WP	WP	Steel, W.T.
	Thickness	...	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	40
	How fitted	...	Laid in	Laid in	Laid in	Laid in	Laid in	Laid in	Laid in	Laid in	Bolted
	Bearing Surface	...	3"	3"	3"	3"	3"	3"	3"	3"	4"
Spacing of Cleats	...	...	24	24	24	24	24	24	24	24	3/4 bolts 3/4" apart
Number of Tarpaulins	...	...	2	2	2	1	1	1	1	1	4 x 6 rollers 4 x 6 rollers
COVERS FOR EXPOSED HATCHES											
*Are wood for and after 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:— Other hatches.

Fore Dk. 1 - 3'-1" + 2'-1". Coaming 9" Bulb flat. Hinged steel lid secured by toggle. ^{W.T.}
 FITTED WITH NOTICE STATING COVER NOT TO BE OPENED AT SEA.

Superstructure Dk In Fore. 1 - 3'-6" + 2'-0" Coaming 9" Bulb flat. Reith 3". 2 1/2" wood cover.
 cleat 15"-24" apart battens, 1 tarpaulin.

" aft. 1 hatch (tunnel escape) 2'-6" + 2'-6". Coaming 44, 24" high. Hinged steel
 W.T. lid secured by toggle.

" Tonnage Opening. 24'-0" + 4'-6". Coaming 9" bulb flat. Reith 2 1/2".
 WOODEN COVER 2 1/2" THICK SECURED BY HEAVY LASHINGS.

" in midships deckhouse. 14 + 12 manholes with steel W.T. bolted cover for access
 to knee deck space.

Freeboard Dk. 2 access hatches to Deep Tank 22" + 16". Coaming 6 x 3 1/2" with steel W.T. bolted cover.

X ACCESS MANHOLE 18" x 12" WITH W.T. STEEL BOLTED COVER FITTED IN PLATE.



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