

# Lloyd's Register of Shipping.

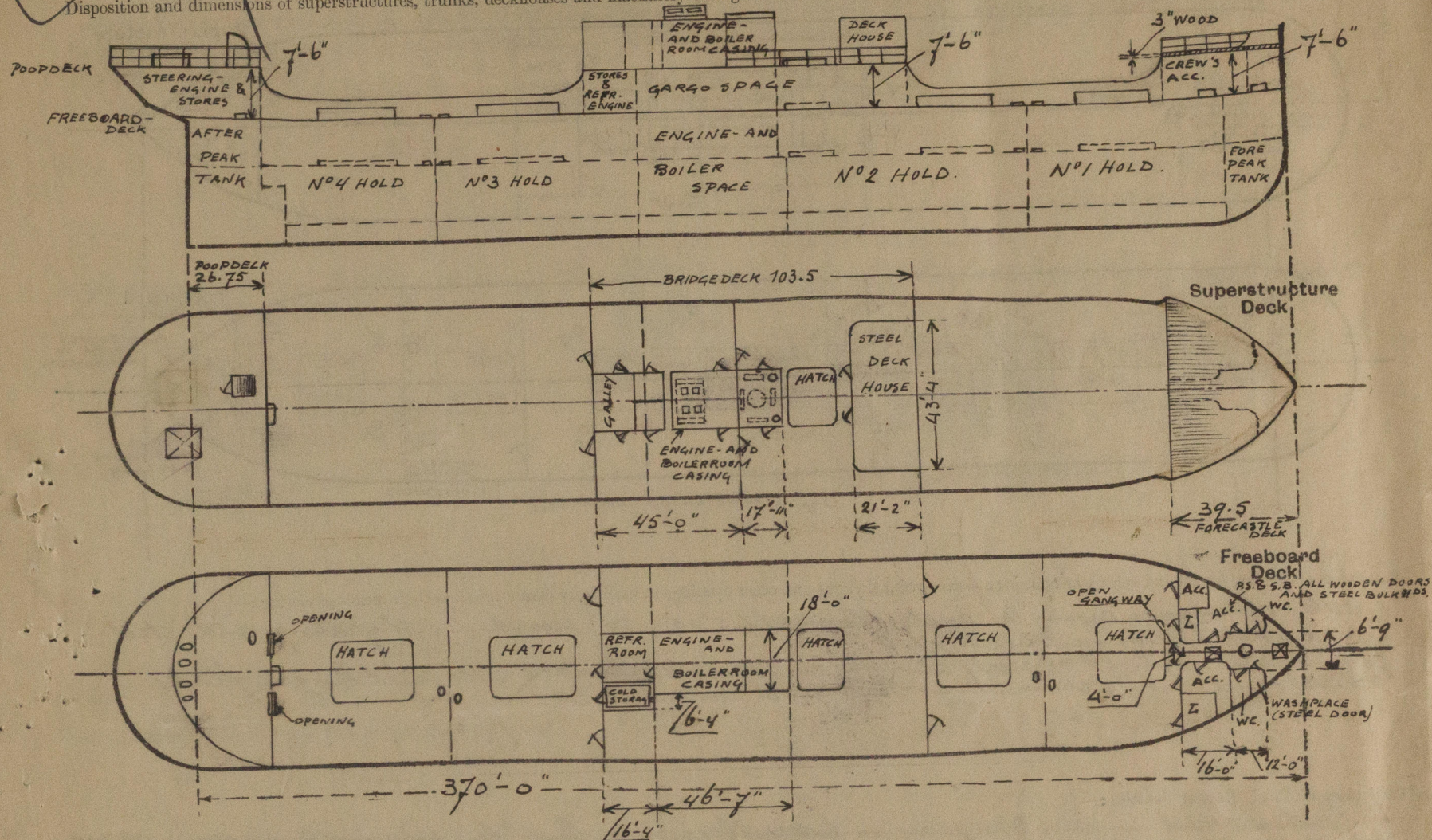
## SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

AUG 17 1937

Ship's Name *"Elena R" ex "Maminidies"* Port of Survey *Amsterdam*  
 Official Number *V* Surveyor's Signature *C. H. Meeuwisse*  
 Nationality and Port of Registry *Greek, Syra* Date of Survey *14<sup>th</sup> August 1937*

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 ...	18x.44	.36	4 6x3 1/2 x .40	33"	Brackets on top & bottom 16x16x.40	2 of 4'x3'	18"	7'-6"
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	19x.32	.25	4 5x3 x .32	31"	none	2 of 5'-3"x4'-2"	7"	7'-6"
Bridge, Forward Bulkhead ...	18x.48	.44	4 8x3 1/2 x .44	33"	Brackets on top & bottom 18x18x.44	1 of 5'-0"x3'-0"	18"	7'-6"
Forecastle Bulkhead ...	18x.28	.20	4 3 1/2 x 2 1/2 x .32	30"	none	2 of 5'-0"x4'-0"	16"	7'-6"
Trunk, Aft ...	✓							
Trunk, Forward ...	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	19x.36	.30	4 4x3 x .40	36"	none	1 of 5'-0"x2'-0"	18"	
Exposed Machinery Casings on Superstructure Decks ...	18x.36	.30	4 4x3 x .40	36"	none	2 of 5'-7"x2'-4"	18"	7'-6"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	18x.34	.25	4 4x3 x .40	36"	none	✓	18"	7'-6"
Deckhouses on Flush Deck Ships ...								

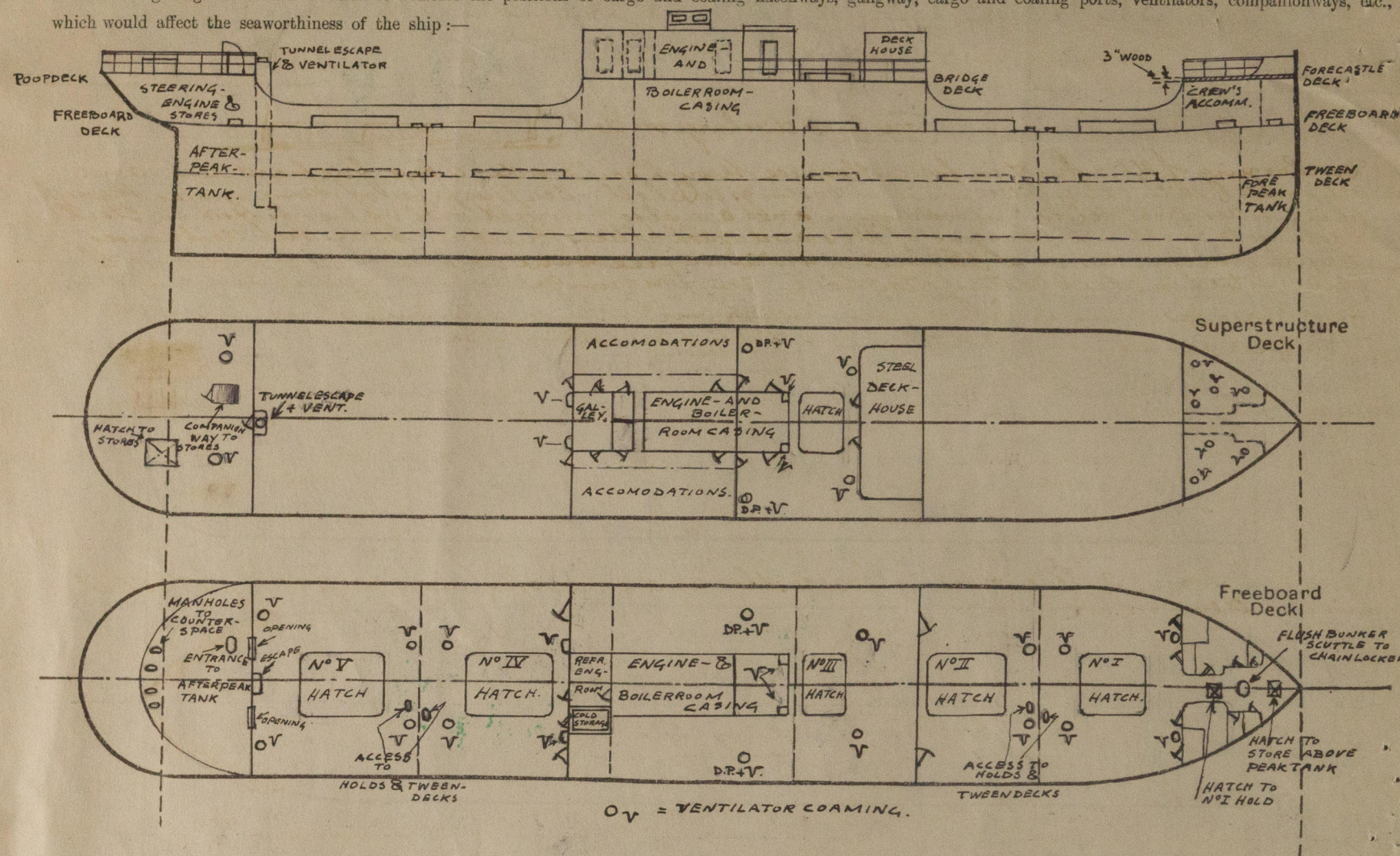
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	Portable shifting boards in channels riveted to bulkhead, full height of openings
Raised Quarter Deck Bulkhead ...	2 steel hinged doors to bridgespace, closed by hook bolts, spaced 12" apart
Bridge, After Bulkhead ...	1 steel hinged W.T. door to cold storage, operated from both sides
Bridge, Forward Bulkhead ...	2 steel hinged W.T. doors to bridgespace, operated from both sides
Forecastle Bulkhead ...	4 wooden doors to accommodations and lockers, operated from both sides
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	1 steel hinged W.T. door to Refrigerating Engine room and Eng. room stores, operated from both sides
Exposed Machinery Casings on Superstructure Decks ...	2 steel hinged W.T. doors to stoke hold, 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.

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 :-

Fiddle openings on casing top angle coamings 4'5" x 3' x 50, provided with gratings and steel hinged covers, permanently attached.  
Engine room skylight of steel, strongly constructed, provided with steel hinged flaps.  
Funnel and ventilator coamings in a good condition.

Particulars of Flush Bunker Scuttles :-

On forepeak deck in open gangway in forecastle space a flush bunker scuttle fitted, 18" diam. held down by underneath, chain bolts and chain attachment fitted.

Particulars of Companionways :-

On forepeak deck one hatch to store room above forepeak tank 4' x 3' x 1'6" high, coaming 36, wooden cover 2 1/2" thick, 2 tarpaulins and battering down arrangement as required.  
One hatch to forward No. Iween deck, 3' x 2' x 1'6" high, with hinged W.T. steel cover.  
Five manholes, resp. to Nos. 1-2-3 and 4 Holds and Iween decks and to after peak tank 18" x 15" angle coaming 4'4" x 3' x 50 closed by portable steel covers as per sketch.  
One tunnel escape with steel hinged door, sill 9" above prop deck, opening 2' x 2' and operated from both sides.  
One companionway on poop deck to store room 6' x 3' x 6' high, 30" dia. sill 19" above prop deck, 4'2" x 2'0" closed by steel hinged door, operated from both sides. One hatch on poop deck 6'0" x 2'0" high, coaming 40, closed by wooden cover 3" thick, provided with 2 tarpaulins and battering down arrangement as required.

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

On Forepeak Deck 1 Vent. 10' x 7 1/2" diam x 50 to forepeak space.  
On Forepeak Deck forward 6 Vent. 12'0" x 23" diam to Holds and Iween decks, specially supported, coaming 40.  
On Bridge Deck 2 Vent. 13'0" x 23" diam x 36 to Hold and 2 Derrick ports 13'0" x 23" diam x 48 with Vent. 12'0" high to holds and Iween decks, 6 Vent. 12'0" x 23" diam x 46, specially supported, to holds and Iween decks, one tunnel escape 3'0" x 2'0" x 40, 12'0" high, built against prop bulkhead and acting on tunnel space, On Poop deck 1 Vent. 12" x 11" diam x 40 to space above after peak tank and one Vent. 12" x 14" x 40 to same space.  
All Ventilators are provided with wooden hatches and canvas covers for closing the openings.  
all ventilators over 36" in height specially supported

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

On forepeak deck one air pipe to forepeak tank 3 1/2" diam, 5' high, total 6 air pipes to D.B.T. 5" diam.  
On raised quarter one air pipe to forepeak tank 3 1/2" diam, 5' high, total 6 air pipes to D.B.T. 5" diam.  
On superstructure deck one air pipe to after peak tank on poop deck, diam 5" x 27".

Two air pipes on bridge deck from D.B.T. 5" diam, 2'4" high, 18" diam, 2'4" high.

All sounding pipes flush and closed with brass screw plugs.  
All air pipes are provided with hinged steel flaps, permanently attached, for closing the openings.

Particulars of Gangway Cargo and Coaling Ports :-

None

Particulars of Scuppers and Sanitary Discharge Pipes :-

Free board discharge over deck.  
Discharging of W.C.'s built in forecastle space through ship's sides above freeboard deck and are provided with valves fitted in steel castings to shell. Scupper pipes of same spaces through ship's sides 3'6" below freeboard deck and are also provided with valves fitted in steel castings to shell. Discharging of W.C.'s and wash places built in bridge deck deck houses through jewel's sides on a distance of 4'0" above freeboard deck and are provided with valves fitted in steel castings to shell. Scuppers from galley on bridge deck and scuppers from freeboard deck in hold space through ship's sides on a distance of 3'6" below freeboard deck and are provided with valves fitted in steel castings to shell.

Particulars of Side Scuttles :-

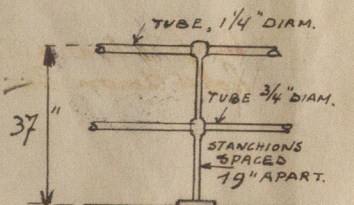
Side scuttles in forecastle and in poop space are fitted with steel hinged deadlights.

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

29'10"

Particulars of Guard Rails :-

On forepeak deck and on poop deck open rail fitted (see sketch) -



Particulars of Gangways, Lifelines, etc. :-

Not fitted.

Suitable provision made for rigging lifelines which shall be available for use by the crew in all parts of the vessel which might have to be used in the regular working thereof.

## 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 ...	108'0"	3'0"	4'0" x 1'9 1/2"	3	21.5 ft <sup>2</sup>	21.6 ft <sup>2</sup>
Forward Well ...	92'2"	3'0"	4'0" x 1'9 1/2"	3	21.5 ft <sup>2</sup>	19 ft <sup>2</sup>

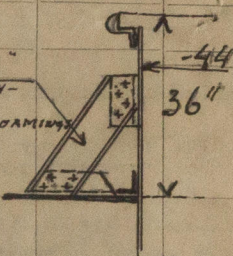
State position of each freeing port ... After Well :- from poop bulkhead resp. 24'0" ; 52'0" and 79'0" } Sill 10" above deck edge.  
(F. and A. position and height above deck edge) Forward Well :- from forepeak bulkhead resp. 24'0" ; 52'0" and 79'0" }

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :- fitted with vertical bars, 1" diam. spaced 6" apart.

Additional area where sheer is less than standard.



# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

		HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
		ON FREEBOARD DECK			ON BRIDGE DECK						
Description of Hatchway	...	N <sup>o</sup> 1.	N <sup>o</sup> 2.	N <sup>o</sup> 3.	N <sup>o</sup> 4.	N <sup>o</sup> 5.					
Dimensions of Hatchway	...	24'-9" x 18'-0"	29'-3" x 18'-0"	12'-8" x 18'-0"	29'-3" x 18'-0"	24'-9" x 18'-0"	13'-6" x 18'-0"				
COAMINGS	Height above Deck ... 36" Thickness { Sides ... 44" Ends ... 44" Stiffeners ... Brackets, Stays (SEE SKETCH)	36" 44" 44" L6x3 1/2 x .50	36" 44" 44" L6x3 1/2 x .50	19" 44" 44" ✓	36" 44" 44" L6x3 1/2 x .50	36" 44" 44" L6x3 1/2 x .50	19" 44" 44" ✓	L6 1/2 x 3 x .50 IN WAY OF HATCH- BEAMS AND ON TRANSVERSE COAMINGS SPACED ± 4'-3"			
HATCH BEAMS	Number ... 5 Spacing ... 4'-1 1/2" Scantling and Sketch ... Bearing Surface ...	5 4'-1 1/2" 18" x 7.5" x .38 STEEL I	6 4'-2 1/4" AS N <sup>o</sup> 1.	2 4'-2 3/8"	6 4'-2 3/4"	5 4'-1 1/2"	2 4'-6" 15" x 5 1/2" x .36 STEEL I				
FORE AND AFTERS	Number ... Spacing ... Unsupported Lengths ... Scantling* and Sketch ... Bearing Surface ...	✓	✓	✓	✓	✓	✓	Hatchway 1'-0" x 1'-0" in forecabin 9 x 3 1/2 x 1/4 B.A. coaming. Steel hinged W.I. lower 40" 8 screw down bolts			
HATCH COVERS	Material ... Thickness ... How fitted ... Bearing Surface ...	pine 3" long 2 1/2"	pine 3" long 2 1/2"	pine 3" long 2 1/2"	pine 3" long 2 1/2"	pine 3" long 2 1/2"	pine 3" long 2 1/2"				
Spacing of Cleats	...	24"	24"	24"	24"	24"	24"				
Number of Tarpaulins	...	2	2	2	2	2	2				
*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?		✓	yes.	yes.	yes.						

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.

C. H. Meunisse :

