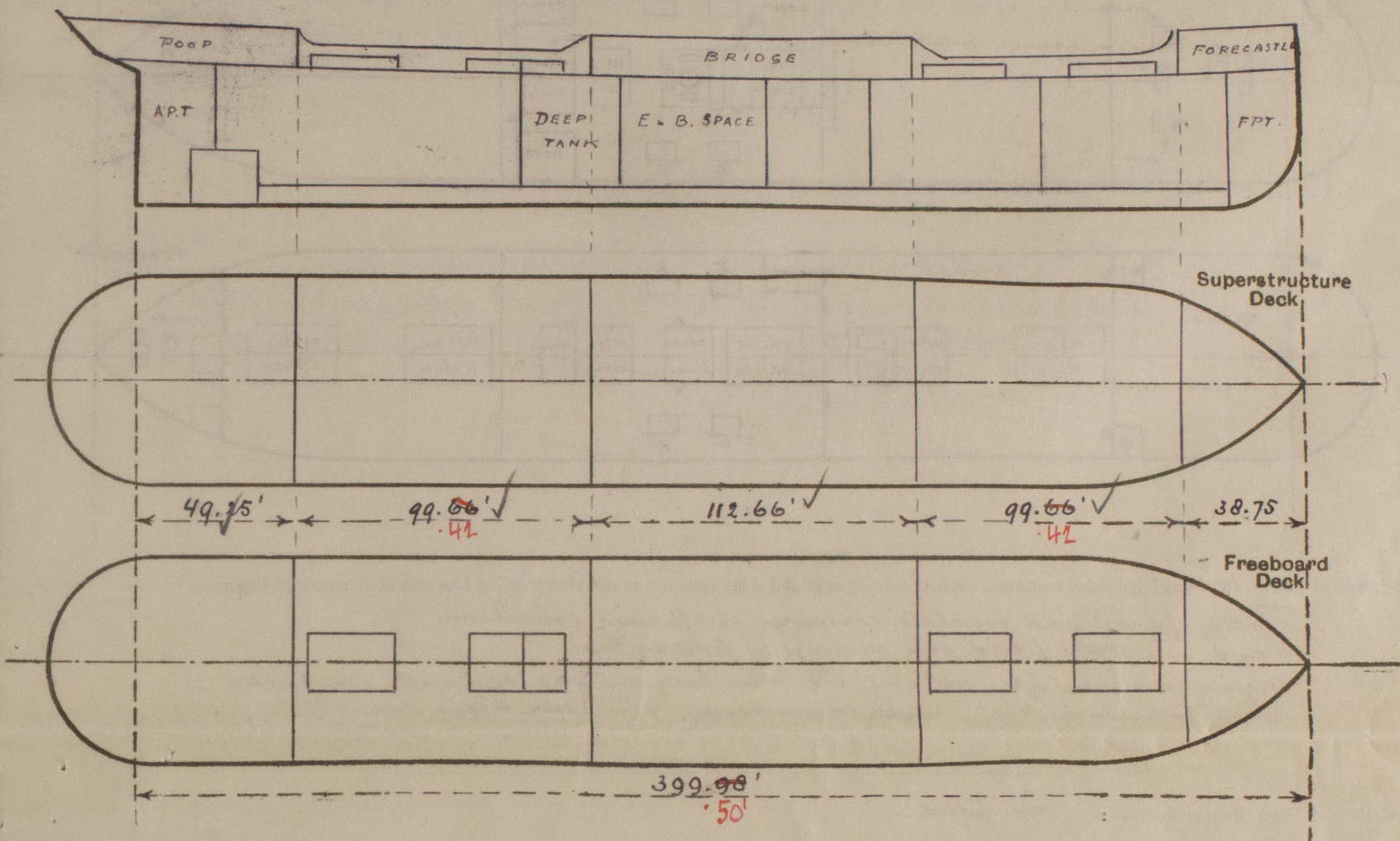


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

MAY 26 1938

Ship's Name *S.S. KALLIOPI S.* Port of Survey *Rotterdam*
Official Number *800.* Surveyor's Signature *D. W. W. W.*
Nationality and Port of Registry *Greek Piraeus.* Date of Survey *24-5-1938.*

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

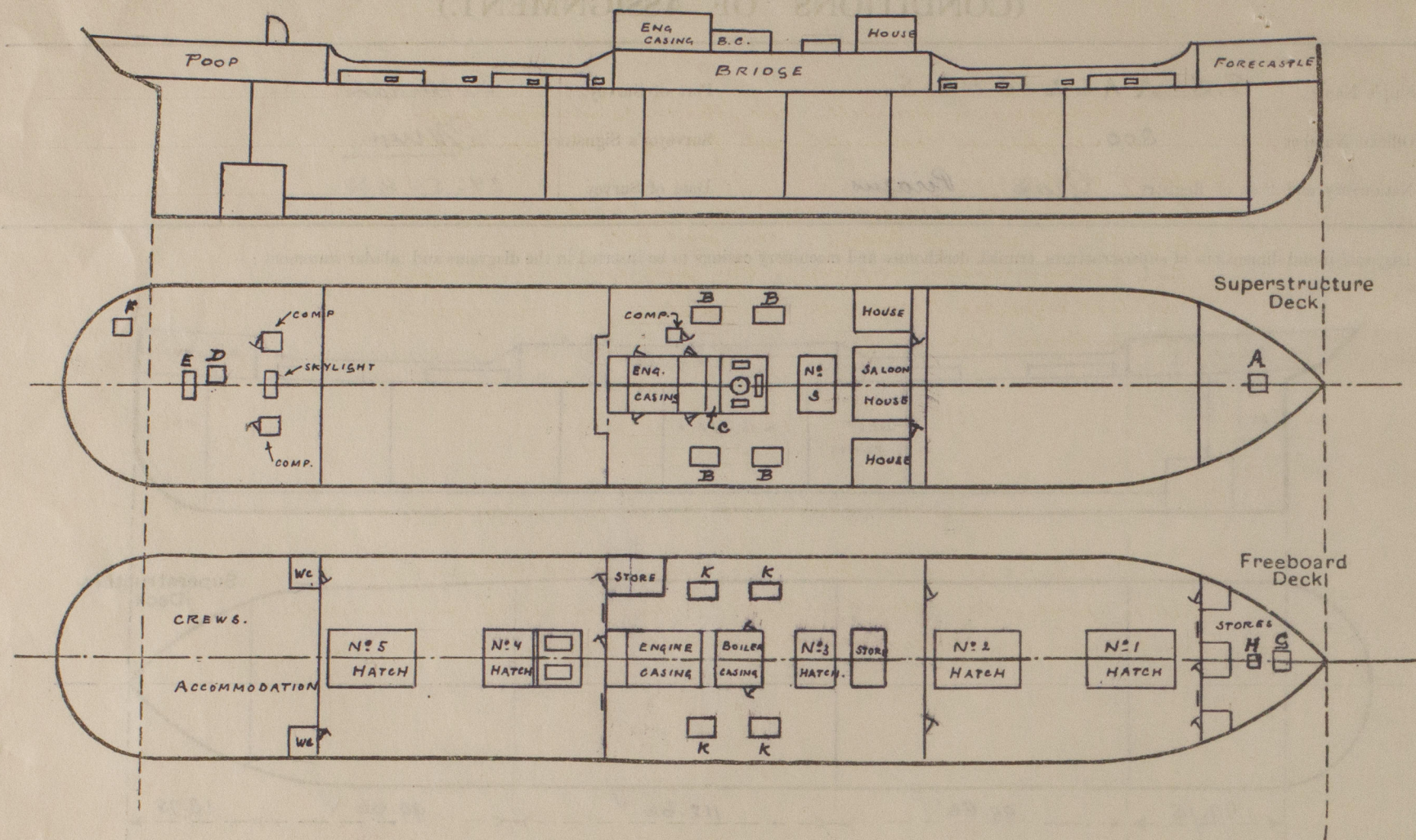


Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead	vertical plating .36	6 x 3 1/2 x .36 A	30	none	none	none	-	8' 0"
Raised Quarter Deck Bulkhead ...	✓		& division bulkheads.					
Bridge, After Bulkhead	vertical plating .32	3 1/2 x 3 1/2 x .36	36" - 30" ✓	none	10ft 4' 6" x 1' 10" 20ft 4' 10" x 3' 6" 10ft 3' 9" x 1' 10"	24" 20" 25" ✓	8' 0" ✓	8' 0" ✓
Bridge, Forward Bulkhead ... ..	.44	.40	9 x 3 1/2 x .50 L	30" ✓	brackets top & bottom	4' 6" x 3' 0"	27"	8' 0"
Forecastle Bulkhead	vertical plating .26	3 1/2 x 3 1/2 x .36	29" ✓	none	10ft 8' 0" x 4' 0" 10ft 8' 0" x 4' 6" 30ft 4' 4" x 1' 10"	none 18" ✓	8' 0" ✓	8' 0" ✓
Trunk, Aft	✓							
Trunk, Forward	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓							
Exposed Machinery Casings on Superstructure Decks ... ..	.36	.30	6 x 3 1/2 x .36 A	51" ✓	brackets top only	4' 3" x 1' 10"	19" ✓	7' 6"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	.36	.30	6 x 3 1/2 x .36 A	26" ✓	linked to beams	4' 3" x 1' 10"	18" ✓	8' 0"
Deckhouses on Flush Deck Ships ...	✓		fixed alternately inside & outside casing					

Particulars of Closing Appliances (state if capable of being manipulated from both sides).	
Poop Bulkhead	no opening ✓ <i>Two openings with hinged steel doors</i>
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead	3" shifting boards in water channels full height of opening; 1 wood hinged door to close 1 steel hinged door to engine room operated from both sides.
Bridge, Forward Bulkhead	hinged steel watertight doors, operated from both sides.
Forecastle Bulkhead	3" shifting boards in water channels full height of erection; 3 steel hinged non watertight doors - operated from both sides. ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks	steel hinged non watertight doors, operated from both sides. ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	steel hinged non watertight door, operated from both sides. ✓
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, funnel and ventilator coamings in efficient condition. ✓
 Hinged steel covers fitted over gratings in fiddle top. ✓
 Engine room skylight all steel with steel hinged flaps efficiently constructed. ✓
 height boiler casing 4'0" ; height engine casing 7'6" above bridge deck. ✓

Particulars of Flush Bunker Scuttles:— none fitted. ✓

Particulars of Companionways:— One steel companion way on bridge deck port. 16'4" x 3'0" head with steel hinged non water-tight door in 4'0" forebulkhead opening 4'2" x 1'10" ✓
 all 15" capable of being operated from both sides. ✓
 two steel companion ways on poop deck. 16'6" x 2'9" head with steel hinged non water-tight doors in 4'0" forebulkhead opening 4'2" x 1'10" all 15" operated from both sides. ✓

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

on forecastle deck one vent 8" dia. coaming 30" x 32" to enclose forecastle space ✓
 two vents 18" " " 36" x 36" to hold. ✓
 in forewell six vents 18" " " 40" x 36" to hold. ✓
 on bridge deck two vents 18" " " 10'0" x 38" ✓ to hold. supported at boat deck. ✓
 in afterwell two vents 18" " " 10'0" x 38" ✓ to hold. supported at bridge deck. ✓
 two vents 18" " " 36" x 36" ✓ to hold. ✓
 on poop deck two vents 18" " " 30" x 36" ✓ to hold. ✓
 three vents 12" " " 30" x 32" ✓ to enclose poop space. ✓

all ventilator coamings provided with wood plugs and canvas covers. ✓

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

on forecastle deck 2 air pipes 3 1/2" dia. x 18" high ✓
 in forewell 2 air pipes 2" dia. x 36" high ✓
 on bridge deck 3 air pipes 4 1/2" dia. x 18" high ✓
 in afterwell 4 air pipes 2 1/2" dia. x 36" high ✓
 on poop deck 1 air pipe 3" dia. x 18" high. ✓

all air pipes provided with wood plugs and canvas covers. ✓

Particulars of Gangway Cargo and Coaling Ports:— none fitted. ✓

Particulars of Scuppers and Sanitary Discharge Pipes:—

4 Scuppers in forewell cut through stringer angle. ✓
 3 Scuppers in afterwell cut through stringer angle. ✓
 Sanitary discharges—
 from bridge houses - one port and one starboard ✓
 from W.C. in after-end bridge - one port only ✓
 from accommodation in poop - one port and one starboard ✓
 all discharges are fitted with stormvalves and discharge above the freeboard deck. ✓

Particulars of Side Scuttles:—

Side scuttles are fitted in bridge side at after end port only and in poop sides starboard port. they are all of substantial construction and fitted with permanently attached dead lights. ✓

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

Particulars of Guard Rails:—

forecastle - open rail 3'3" high with 2 rods and stanchions spaced 4'10" apart. ✓
 forewell - closed bulwark 3'6" high efficiently constructed and supported. ✓
 bridge - closed bulwark 3'6" high efficiently constructed and supported. ✓
 fore and after ends open railing 4'2" high with 3 rods and stanchions spaced 5'0" apart. ✓
 afterwell - closed bulwark 3'6" high efficiently constructed and supported. ✓
 poop - open rail 3'4" high with 2 rods and stanchions spaced 5'0" apart. ✓

Particulars of Gangways, Lifelines, etc.:—

Suitable provision made for rigging lifelines in any part of the ship which might have to be used by the crew in the regular working of the vessel. ✓

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 ...	99'5"	3'6" ✓	3.6 x 1.5	4	21.6 ✓	20.0 ✓
Forward Well ...	99'5"	3'6" ✓	3.6 x 1.5	4	21.6 ✓	20.0 ✓

State position of each freeing port ... After Well:— height above deck edge 16" ✓
 (F. and A. position and height above deck edge) Forward Well:— " " " 16" ✓

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— 2 horizontal rails 7/8" dia. ✓

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
Description of Hatchway	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Bridge deck No. 3.	Trunk hatch to deep tank			
Dimensions of Hatchway	32'6" x 26'6"	34'8" x 26'0"	10'8" x 18'0"	18'6" x 26'6"	30'4" x 26'0"	10'8" x 18'0"	from position No. 4 plates only 15'0" x 26'0"			
COAMINGS	Height above Deck ... 32 ✓ Thickness { Sides ... .44 ✓ { Ends ... .44 ✓ Stiffeners ... 10 x 3 1/2 x .44 ✓ Brackets, Stays ... 3 stays 2" ✓	30 ✓ .44 ✓ .44 ✓ 10 x 3 1/2 x .44 ✓ 3 stays 2" ✓	9" BA ✓ - - - -	30 ✓ .44 ✓ .44 ✓ 10 x 3 1/2 x .44 ✓ 1 stay 2" ✓	30 ✓ .44 ✓ .44 ✓ 10 x 3 1/2 x .44 ✓ 2 stays ✓	30 ✓ .44 ✓ .44 ✓ 8 x 3 x .36 ✓ none ✓	30" trunk ✓ 2 hatches 10'3" x 10'3" consisting of angle 6 x 3 1/2 x .44 and closed by steel covers .44 efficiently stiffened with.			
HATCH BEAMS	Number ... 6 ✓ Spacing ... Scantling and Sketch  Bearing Surface ... 3 1/2 ✓	7 ✓ plate 15/24 x .36 6 x 3 1/2 x .44	1 ✓ plate 9/14 x .30 3 1/2 x 3 1/2 x .44	3 ✓ plate 15/24 x .36 6 x 3 1/2 x .44	6 ✓ plate 15/24 x .36 6 x 3 1/2 x .44	1 ✓ plate 9/14 x .36 3 1/2 x 3 1/2 x .44	on top 2 transverse angles 6 x 3 1/2 x .48 and below 3 fore & aft angles 3 1/2 x 3 1/2 x .40 toggles 1" spaced 20" apart ✓			
FORE AND AFTERS	Number ... none Spacing ... Unsupported Lengths ... Scantling* and Sketch ... Bearing Surface ...									
HATCH COVERS	Material ... pine Thickness ... 3" ✓ How fitted ... fore & aft Bearing Surface ... 6 x 3	pine 3" ✓ fore & aft 6 x 3	pine 2 1/2" ✓ fore & aft 3 1/2 x 3 1/2	pine 3" ✓ fore & aft 6 x 3	pine 3" ✓ fore & aft 6 x 3	pine 2 1/2" ✓ fore & aft 3 1/2 x 3				
Spacing of Cleats	24" ✓	24" ✓	23" ✓	24" ✓	24" ✓	24" ✓				
Number of Tarpaulins	two ✓	two ✓	two ✓	two ✓	two ✓	two ✓				
<p>*Are wood fore and afters steel shod at all bearing surfaces? Yes.</p> <p>Are battens and wedges efficient and in good condition? Yes.</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? Yes.</p> <p>Are lashings provided in accordance with rule requirements? Yes.</p>										

Particulars of any special features:— Small hatches on freeboard and superstructure decks — in position see plan ✓

Forecastle deck	one	A	3'3" x 3'3"; coaming 16"; covers 2 1/2"; cleats spaced 22"; 2 tarpaulins
Bridge deck	four	B	8'7" x 4'0"; " 30"; " 2 3/4"; " 22"; 2 " ✓
Fiddley top	one	C	18'0" x 3'8"; " 12"; " 2 1/2"; " 23"; 2 " ✓
Poop deck	one	D	3'6" x 3'6"; " 30"; shed across down cover .48; toggles 7/8" spaced 24" ✓
" "	one	E	5'0" x 4'0"; " 14"; covers 2 1/2"; cleats spaced 17"; 2 tarpaulins ✓
" "	one	F	2'6" x 2'6"; " 18"; " 2 1/2"; " 17"; 2 tarpaulins ✓
Freeboard dk in forecastle	one	G	3'0" x 3'0"; " 12"; " 2 1/2"; " 12"; 2 " ✓
" "	one	H	2'0" x 2'0"; " 12"; " 2 1/2"; " 22"; 2 " ✓
" " bridge deck	four	K	8'7" x 4'0"; " 12"; " 2 1/2"; " 28"; 2 " ✓

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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