

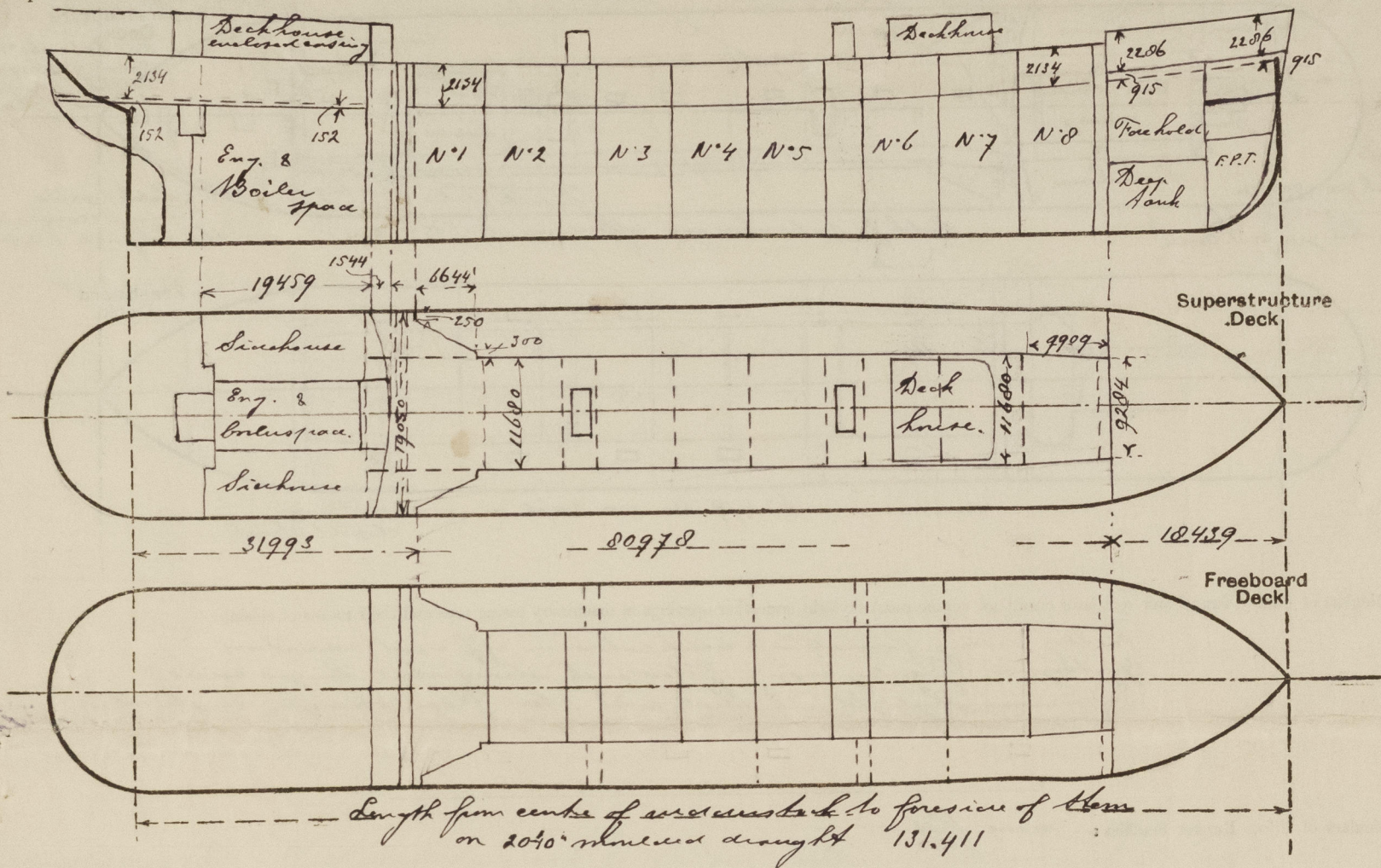
Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name *S.S. SAROENA*Port of Survey *Rotterdam*Official Number *✓*Surveyor's Signature *J. S. Herwerden.*Nationality and Port of Registry *Dutch & Groningen*Date of Survey *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.

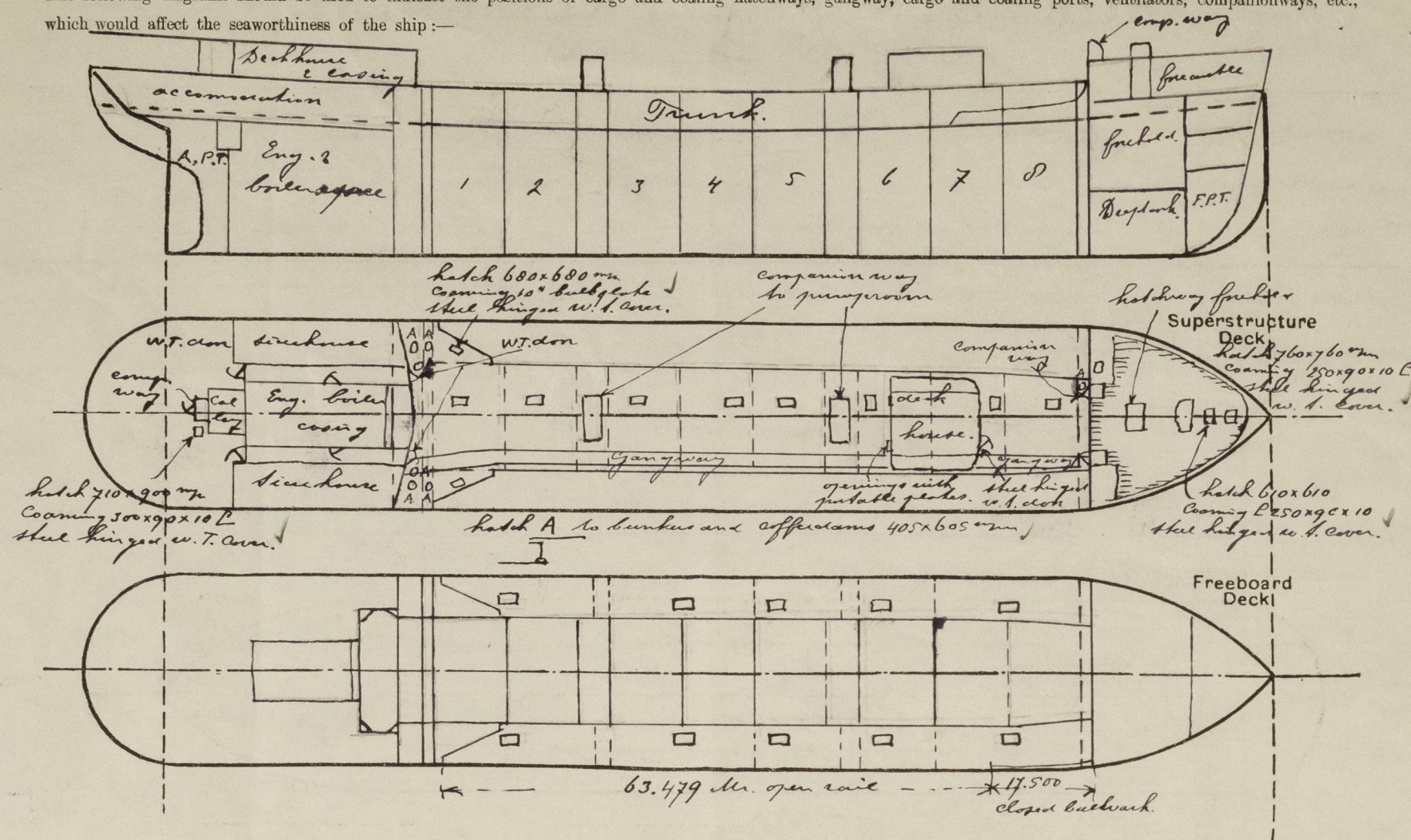
	Coaming	Plating <i>mm</i>	Stiffeners <i>mm</i>	Spacing	End Attachments of Stiffeners	Size of Openings <i>mm</i>	Height of Sills <i>mm</i>	Height of Casings <i>mm</i>
Poop Bulkhead	✓	Vertical plating 13 7/8"	2230 x 90 x 10	750 mm	hatches top and bottom	none	✓	2134
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead					hatches top			
Deckhouse on poop deck Bridge Forward Bulkhead ...		plating 11 1/2 10"	2230 x 90 x 11	720 - 800 mm	large bottom	1570 x 880	460	2286
Forecastle Bulkhead		Vertical plating 10 7/8"	100 x 90 x 8 7/8"	800 - 850	none	none	✓	2286
Trunk, Aft	✓		transverse and vertical web at centre.					
Trunk, Forward		15 7/8"	2 longitudinal 180 x 90 x 10 P	762 mm	as per upper plating	none	✓	2134
Exposed Machinery Casings on Free- board or Raised Quarter Decks ...	✓							
Exposed Machinery Casings on Super- structure Decks	✓							
Machinery Casings within Superstruc- tures 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 ...	
Deckhouse on poop deck Bridge, Forward Bulkhead ...	Steel hinged watertight doors operated from both sides. ✓
Forecastle Bulkhead ...	no openings ✓
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 fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

Funnel casing funnel and ventilators in efficient condition. Gratings on funnel casing fitted with strong steel hinges. Engine room skylight all steel with steel flaps strongly constructed.

Particulars of Flush Bunker Scuttles:— *none fitted.*

Particulars of Companionways:— *On forecastle deck. 2 steel companion ways 1200x950x1350 mm above forecastle and leading to upper forecastle space with steel hinges on the 1st deck at after side 1620x670 mm till 660 mm above bunkhouse cap, able of being operated from both sides. On bunkhouse. 2 steel companion ways to forward and after pump rooms 2500x4400x2200 mm high. plating 9/16 and 8 mm; stiffeners 100x65x10 mm angle spaced 610 mm. brackets top and bottom; one steel hinge on 1st deck at after side 1530x680 mm. till 460 mm. operated from both sides. On poop deck. 2 steel companion ways to accommodation at after end of deckhouse. steel hinges on 1st deck at after side 1530x680 mm till 460 mm. operated from both sides.*

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

On forecastle deck 2 Vert. 460 mm diam. Coaming 915x10. lead to foreholer. 2 " 400 mm " " 915x9 1/2 " " " " 3 " 250 mm " " 915x8 1/2 " " " " 4 " 200 mm " " 915x8 " " " " On bunkhouse 4 " 610 mm " " 6000x10 " " " " On poop deck 6 " 200 mm " " 915x8 " " " "

All ventilators constructed in accordance with the rules and coamings closed with wood plugs and canvas covers and fitted with gauze.

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

On forecastle deck 1 air pipe 75 mm diam. 560 mm high - from forepeak tank 4 " " 125 " " 560 mm high from acc. tank. On poop deck 1 " " 75 " " 920 mm high from afterpeak tank. 1 " " 65 " " 920 mm high from forepeak tank.

all air pipes are fitted with gauze and canvas covers or steel hinge flaps. all cargo tanks and wing tanks have a combined gas escape 150 mm diam carried up fore. and mainmast.

S.S. "Savona"

Particulars of Gangway Cargo and Coaling Ports:— ✓

Particulars of Scuppers and Sanitary Discharge Pipes:—

From forecastle deck at hunkhouses & scuppers cut through stringer angle. Sanitary discharges from accommodation in forecastle through ship's side below freeboard line on port and starboard. Sanitary discharges from accommodation in houses on poop deck through ship's side below freeboard deck on port and starboard. All sanitary discharges are fitted with cast steel valve chests and have storm valves at ship's sides.

Particulars of Side Scuttles:—

Side scuttles to accommodation in forecastle, in poop deck and in houses on poop deck are all of substantial construction and fitted with permanently attached deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel *9.140 M.*

Particulars of Guard Rails:— *Part steel bulwark on forward portion of freeboard deck at hunkhouses as per sketch 1100 mm high. efficiently constructed and supported, remainder open rail. Forecastle deck, hunkhouses, poop deck and freeboard deck in way of trunk guard rails 1100 mm high, having 3 rods and stanchions spaced about 1500 mm apart.*

Particulars of Gangways, Lifelines, etc.:— *Gangway extending from poop house to bridge house and from bridge house to forecastle fitted 320 mm above hunkhouse on starboard side. 910 mm wide with steel plate flooring and guard rails 1100 mm high having 3 rods and stanchions spaced 1500 mm apart.*

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 ...	17.500 M ²	1.10 M ²	125x0.40 M ²			over 70% open rail ✓
Forward Well ...						

State position of each freeing port ... *After Well:— height above deck 0.57 M. ✓*
(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.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway			Hatchway to fore hold on fore castles deck		Relieved hatches on freeboard deck to wing tanks		Relieved hatches on stowdeck to centre tanks		
Dimensions of Hatchway			2440 x 3050 mm		1370 x 915		1370 x 1070		
COAMINGS	{	Height above Deck ...	760 mm ✓		2440 mm ✓		250 x 90 x 12½ B.A. ✓		
		Thickness { Sides ...	10 mm ✓		10 mm ✓				
		{ Ends ...	10 mm ✓		10 mm ✓				
		Stiffeners ...	150 x 75 x 9 B.A. ✓						
Brackets, Stays ...									
HATCH BEAMS	{	Number ...	Number in ✓		5 hatches starb.		5 hatches port		
		Spacing ...	between fore ✓						
		Scantling and Sketch ...	castles deck and superdeck.						
Bearing Surface ...									
FORE AND AFTERS	{	Number ...	/		/		/		
		Spacing ...							
		Unsupported Lengths ...							
		Scantling* and Sketch ...							
Bearing Surface ...									
HATCH COVERS	{	Material ...	Steel		Steel		Steel		
		Thickness ...	12½ mm ✓		12½ mm ✓		12½ mm ✓		
		How fitted ...	efficiently stiffened		efficiently stiffened		efficiently stiffened		
		Bearing Surface ...	efficiently stiffened		efficiently stiffened		efficiently stiffened		
Spacing of Cleats ...			Boggles 29 mm diam. ✓		Boggles 29 mm diam.		Boggles 29 mm diam.		
Number of Tarpaulins ...			4 pieces 360 x 400 mm apart.		4 pieces 400 mm apart.		4 pieces 400 mm apart. ✓		
*Are wood fore and afters steel shod at all bearing surfaces? none fitted 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:—

The vessel has been built in accordance with the approved plans.

at moulded draught	19'-10"	Total displacement	12111 M ³	M ³ per inch	55.32 M ³
"	20'-10"	"	12772 M ³	"	55.66 M ³
"	21'-10"	"	13437 M ³	"	55.96 M ³

The vessel has been constructed in accordance with the conditions set forth in Secretary's letter E 17-11-30 under paragraph 2. ✓

A provisional freeboard has been assigned per your letter M 5-4-.39 ✓

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.

