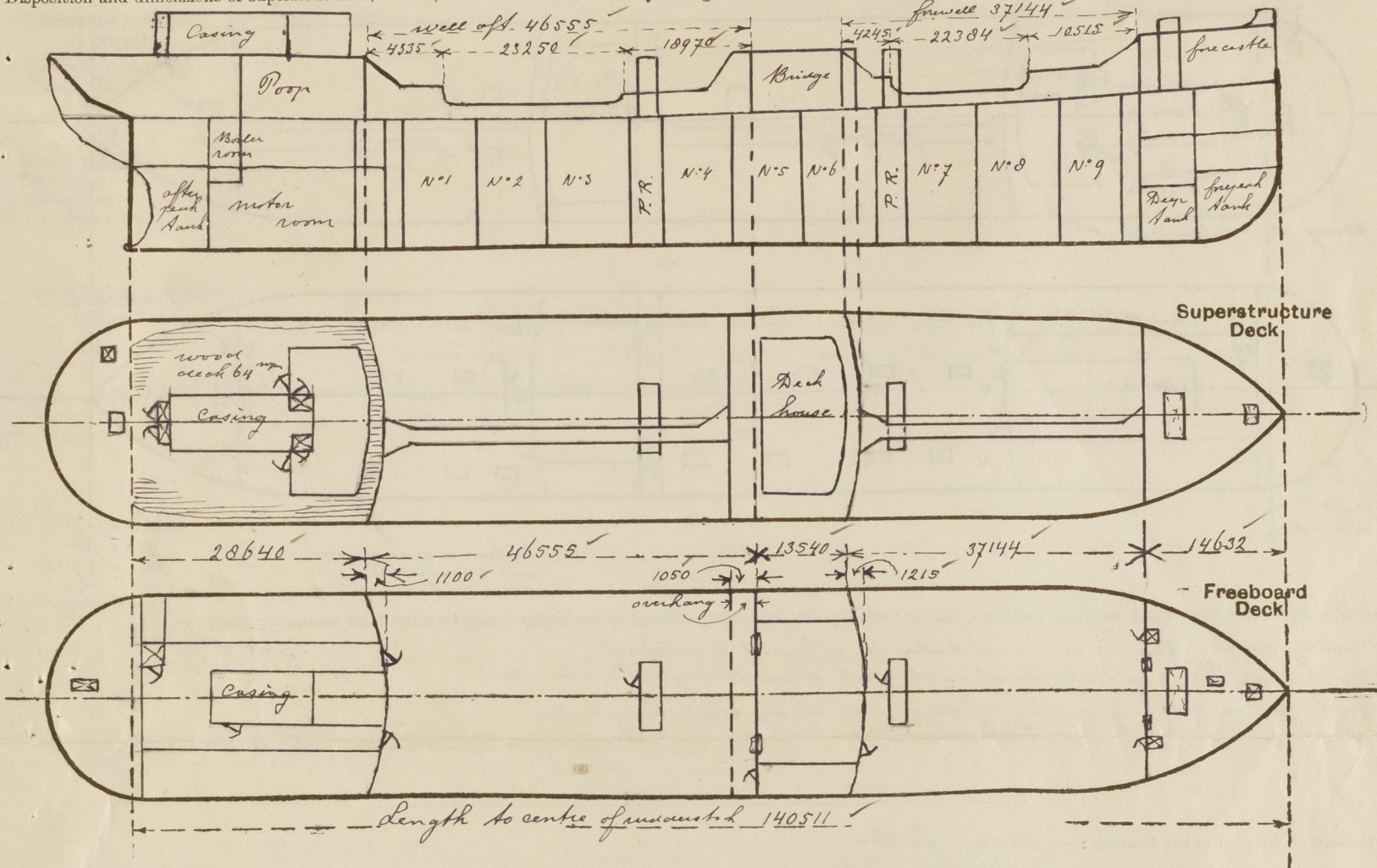


Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.  
(CONDITIONS OF ASSIGNMENT.)

N<sup>o</sup> 28020

Ship's Name *m/v CERONIA* Port of Survey *Rotterdam*  
Official Number *✓* Surveyor's Signature *J. v. Heerwaarden*  
Nationality and Port of Registry *Dutch - s'Gravenhage* 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 <i>mm</i>	Plating <i>mm</i>	Stiffeners <i>mm</i>	Spacing <i>mm</i>	End Attachments of Stiffeners	Size of Openings <i>mm</i>	Height of Sills <i>mm</i>	Height of Casings
Poop Bulkhead ...	11	11	L 250 x 90 x 12	760	brackets top & bottom	1500 x 800	460	
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	7 1/2 + 8	7 1/2 + 8	2 long. bulkheads L 100 x 65 x 9	760 + 800	none	1300 x 950 1390 x 720	590 460	
Bridge, Forward Bulkhead ...	11 1/2	11 1/2	2 long. bulkheads L 250 x 90 x 12	760 + 800	brackets top & bottom	1520 x 760	460	
Forecastle Bulkhead ...	9	7 1/2	L 100 x 75 x 8	750	none	1300 x 950 1380 x 600	610 610	
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Free- board or Raised Quarter Decks ...								
Exposed Machinery Casings on Super- structure Decks ...	7.5	7.5	L 100 x 65 x 8	760	brackets top	none		3000
Machinery Casings within Superstruc- tures not fitted with Class I Closing Appliances ...								
Deckhouses on Flush Deck Ships ...								

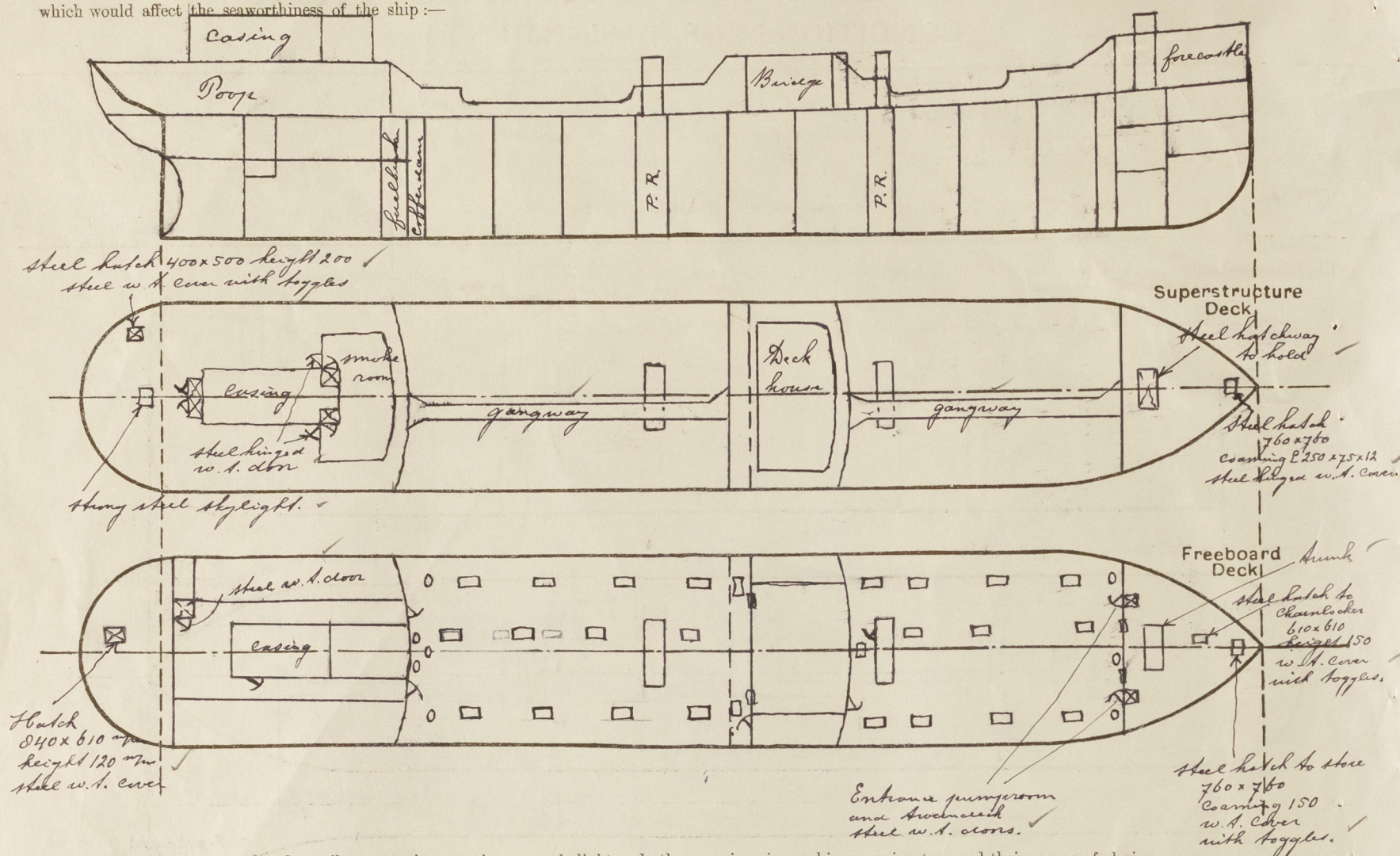
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	Steel hinged watertight doors operated from both sides.
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	One steel hinged watertight door operated from both sides. Two steel portable plates 9 mm fastened with 1" hookbolts spaced 350 mm apart.
Bridge, Forward Bulkhead ...	One steel hinged watertight door operated from both sides. Two steel hinged watertight doors operated from both sides. Two steel portable plates 9 mm fastened with 1" hookbolts spaced 350 mm apart.
Forecastle Bulkhead ...	
Exposed Machinery Casings on Free- board or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Super- structure Decks ...	no openings.
Machinery Casings within Superstruc- tures 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 fiddley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

Fiddley casing funnel and ventilator in efficient condition  
 motor room skylight all steel with steel flaps strongly constructed.  
 gratings on fiddley casing fitted with strong steel hinge covers.

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

Particulars of Companionways:— On freeboard deck in forewell and afterwell One steel companion way to jumproom 4800 x 2550 x 2500 mm high. seating 9½ and 8 mm stiffeners 8 100 x 65 x 8 spaced 705 mm. brackets top & bottom. steel hinged watertight door at afterwell 1500 x 760 mm. sill 460 mm operated from both sides. ✓  
On poopdeck steel companion way to accommodation at afterwell coaldroose steel hinged watertight door 1540 x 690 mm sill 460 mm. 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 :—

<u>On fire castle</u>	5 Ventilators with patent caps $980 \times 250 \times 8$ mm Coamings. to fire castle and storeroom ✓
	4 Ventilator coamings $980 \times 250 \times 8$ mm storeroom and fire castle spaces and pumproom ✓
	1 Ventilator coaming $980 \times 305 \times 8.5$ mm storeroom ✓
<u>On bridge deck.</u>	8 Ventilator coamings $980 \times 152 \times 7.5$ mm bridgehouse ✓
<u>On poop deck.</u>	5 Ventilator coamings $980 \times 305 \times 8.5$ mm poop space and storeroom. ✓
	1 Ventilator coaming $980 \times 200 \times 8$ mm poop space. ✓
<u>On freeboard</u>	4 ventilators $500 \times 610 \times 10$ mm to pumproom well supported and braced to sec.

All ventilators constructed in accordance with the rules and coverings provided with steel screw down covers or wood plugs and canvass 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:—

<u>Fire and Stead</u>	One airpipe 450 x 75 mm diam.	from forepeak tank ✓
	four airpipes 100 x 100 mm diam.	from air tank ✓
<u>To forewell</u>	One airpipe 2500 x 110 mm diam.	from fore baffle tank. Connected to fore and aft bulkheads. ✓
<u>To well aft.</u>	three airpipes 2500 x 110 mm diam.	from fuel bunker and effluent off connected to prop room. ✓
<u>An prop room.</u>	four airpipes 650 x 75 mm diam.	from afterpeak tank and fuelwater tank and cooling water tank. ✓

All airpines are fitted with gauge and canvass covers or steel hinged flaps. ✓

All cargo tanks and wing tanks have a combined gasescape pipe boom system!  
Carried up fore and mainmast. Airpipes from double bottom tanks through to bowhead in casing.

Particulars of Gangway Cargo and Coaling Ports:—

Particulars of Scuppers and Sanitary Discharge Pipes :—

1. Sanitary discharges from accommodation above bridge space through ship side above futtock and deck.  
 2. Sanitary discharges from accommodation in poop space " " below " " "  
 3. Sanitary discharges from accommodation above poop space " " " " " "  
 4. All sanitary discharges are fitted with cast steel valves chest and brass horn valves.  
 5. at ship sides. Those from poop space with horn valves and cocks, always accessible.  
 6. applies for all valves.

Particulars of Side Scuttles :—

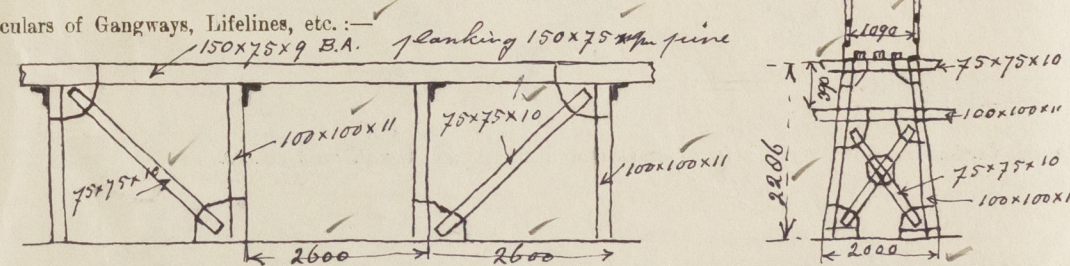
discussibles in forecabin and poop and in bridge space.  
are all of substantial construction and fitted with  
permanently attached deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel. 11.890 m.

Particulars of Guard Rails:—

Dark steel bulwark on foreboard deck in afterwell and forewell as per sketch.  
1100 mm high, efficiently constructed and supported.  
guard rail on fore castle deck, bridge deck, poop deck and on foreboard deck.  
in fore and afterwell 1100 mm high, having 3 rods and stanchions spaced  
1300 mm apart.

Particulars of Gangways, Lifelines, etc. :—



gangway extending from prop. end  
over pumphouse to bridge deck and  
from bridge deck over pump-house  
to fire castle deck. Embankment  
as per sketch. Supports spaced  
about 2600 sq. feet. Cross ties  
fitted in each support and  
longitudinal ties fitted between  
alternative supports on both sides.

## 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 ... ..	46555 ✓	1100 m ✓	9.4 x 5.0 d. ll oval 23.250 open rail	3	111 d. ll ✓	50% open rail ✓
Forward Well ... ..	37144 ✓	1100 m ✓	9.4 x 5.0 d. ll oval 22384 open rail	1	37 d. ll ✓	50% open rail ✓

State position of each freeing port ... .. { After Well :— } 330 m above deck edge.  
(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 :— *Three vertical rods 25 mm diam.*

Additional area where sheer is less than standard.



PARTICULARS OF PROTECTION TO OPENINGS, ETC.

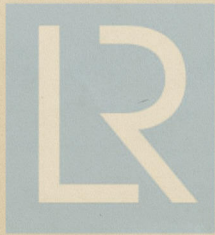
HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway		Hatchway to forehold on fore castle deck		Bilge hatch on foreboard		manhole hatches		cofferdam & fuel tanks	
Dimensions of Hatchway		2440 x 3050 mm		1550 x 1050 mm		1350 x 1050 mm		610 x 450 mm	
COAMINGS	Height above Deck	760		Coaming 760 x 110		Coaming 760 x 10		Coaming 250 x 90 x 14	
	Thickness	10		Forewell 4 hatches		Forewell 8 hatches		on forward cofferdam 3 hatches	
	Sides	10		afterwell 5 hatches		afterwell 10 hatches		on cofferdam aft 3 hatches	
	Stiffeners	none							
HATCH BEAMS	Brackets, Stays	none						on fuel tanks 2 hatches	
	Number	1							
FORE AND AFTERS	Spacing	hatchway hunched in between fore castle deck and foreboard deck							
	Scantling and Sketch								
	Bearing Surface								
	Number	small escape hatch fitted on steel hatch cover 610 x 610 mm							
HATCH COVERS	Spacing	Coaming 150 x 75 x 9							
	Unsupported Lengths	Steel hinged O.T. cover 12.5 mm in thickness							
	Scantling* and Sketch								
	Bearing Surface								
HATCH COVERS	Material	Steel		Steel 12.5 mm		Steel 12.5 mm		Steel 12.5 mm	
	Thickness	12.5 mm		efficiently stiffened and hinged		efficiently stiffened and hinged		efficiently stiffened and hinged	
	How fitted	with flat welded plates 130 x 11 mm		Screw down toggles 29 mm apart		Screw down toggles 29 mm apart		Screw down toggles 29 mm apart	
	Bearing Surface	Screw down toggles 29 mm apart							
Spacing of Cleats									
Number of Tarpaulins									
*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? ✓									

Particulars of any special features:— The vessel has been built in accordance with the approved plans. ✓

at moulded draught	27'0"	Total displacement	Eng. tons	Seaw.	16592	Tons per inch	56.9
"	27'6"	"	"	"	16925	"	57.0
"	28'0"	"	"	"	17270	"	57.2

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.



© 2020

Lloyd's Register  
Foundation