

Lloyd's Register of Shipping.

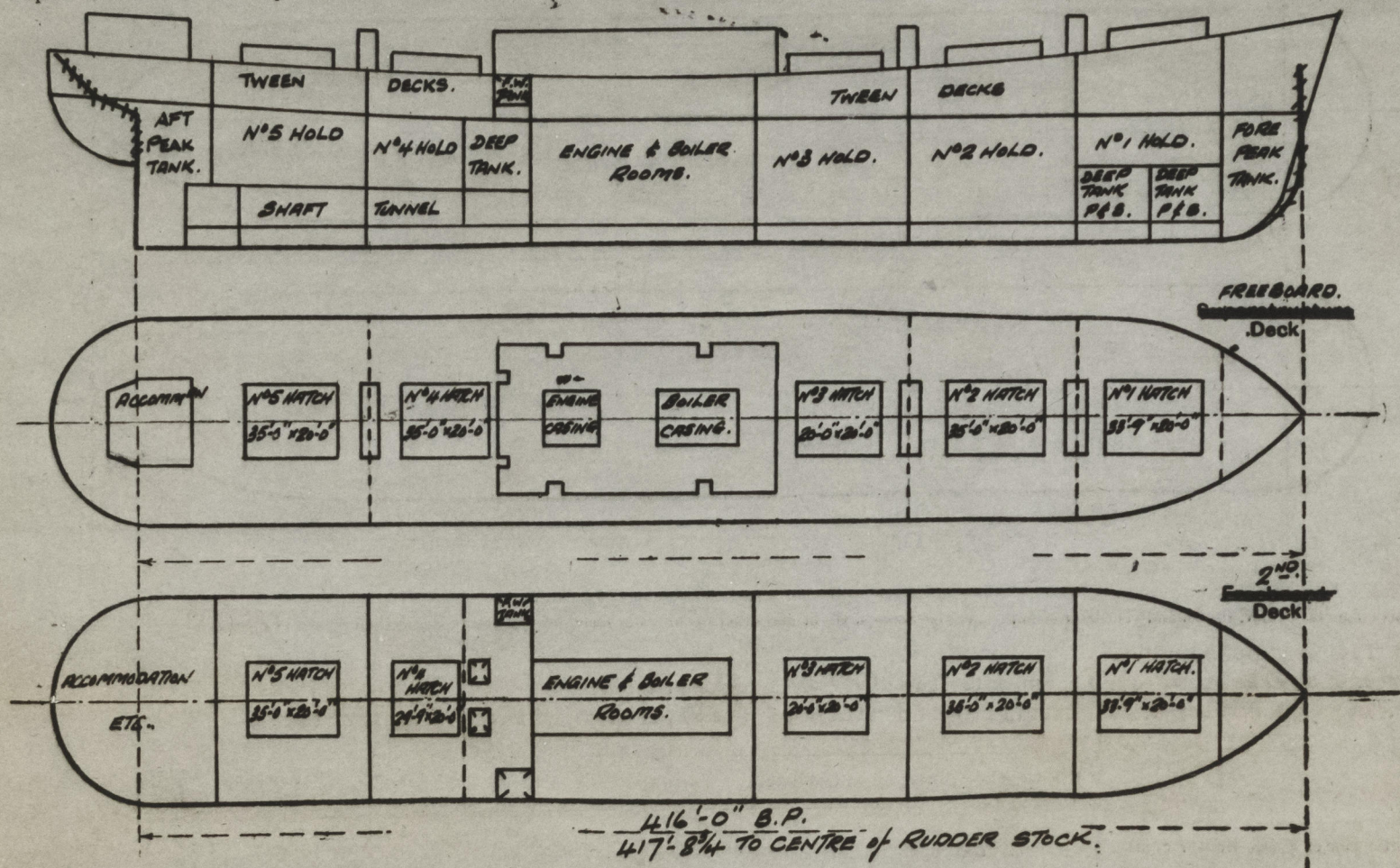
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

"EFDEMON"

Ship's Name "Amsteldiep" ex Robert Fruin Port of Survey Amsterdam
 Official Number ✓ Surveyor's Signature [Signature]
 Nationality and Port of Registry Netherlands of Gravesend Date of Survey 16 18 - 10 - 1947

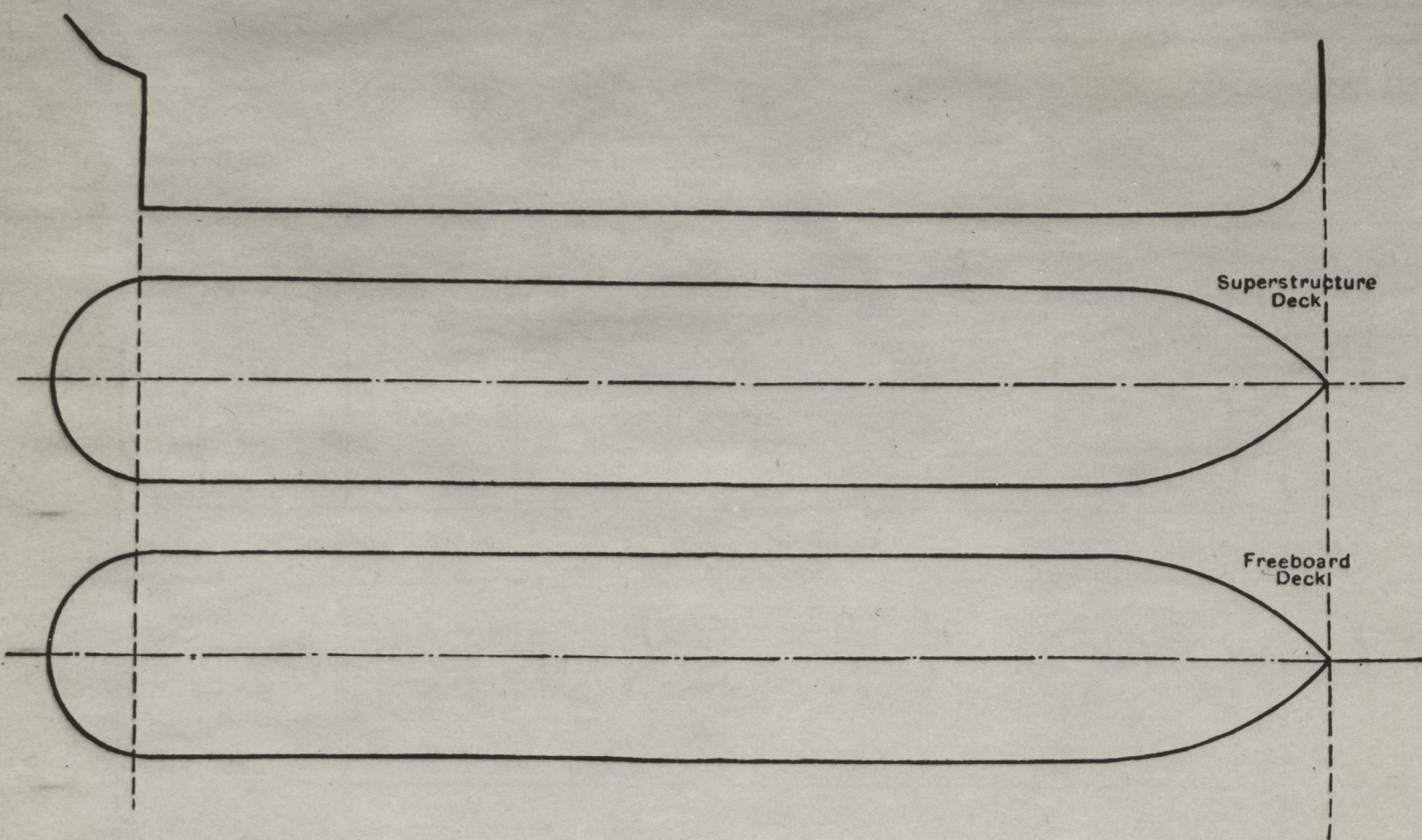
Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement:—



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 ...	None							
Raised Quarter Deck Bulkhead ...	None							
Bridge, After Bulkhead ...	None							
Bridge, Forward Bulkhead ...	None							
Forecastle Bulkhead ...	None							
Trunk, Aft ...	None							
Trunk, Forward ...	None							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	None exposed.							
Exposed Machinery Casings on Superstructure Decks ...	None exposed.							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	None		front 150 x 100 x 13 sides 100 x 80 x 9	60 mm	Bkts top E.W. foot Bkts top None foot	2 x 1.54 x 0.76 m 2 x 1.54 x 0.66 m	0.59 m	2.30 m
Deckhouses on Flush Deck Ships ...	✓	12 mm 9 mm						
Particulars of Closing Appliances (state if capable of being manipulated from both sides).								
Poop Bulkhead ...	No openings.							
Raised Quarter Deck Bulkhead ...	No openings.							
Bridge, After Bulkhead ...	No openings.							
Bridge, Forward Bulkhead ...	No openings.							
Forecastle Bulkhead ...	No openings.							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	No openings.							
Exposed Machinery Casings on Superstructure Decks ...	No openings.							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	No openings.							
Deckhouses on Flush Deck Ships ...	Hinged steel W.T. Doors at all openings, capable of being manipulated from both sides.							

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 :—

No fiddley openings.

Engine skylight of steel, substantially constructed.

Engine and Boiler Room ventilator coamings of steel, substantially constructed.

Particulars of Flush Bunker Scuttles:— None

Particulars of Companionways: - Access to holds through masthouses - houses of steel substantially constructed with hinged steel W.T. doors operated both sides, opening 1.20 m x 0.66 m sill 0.48 m
Access to steering gear flat - through after deckhouse, substantial construction with hinged steel W.T. door operated both sides. Opening 1.70 m x 0.66 m sill 0.38 m
Access to tunnel escape - steel substantial construction with hinged steel W.T. door operated both sides, opening 1.30 m x 0.45 m sill 0.60 m
~~Companionway to forward store - steel, substantial construction, with hinged steel W.T. door operated both sides, opening sill~~

Particulars of Ventilators in exposed positions on freeboard

To forward Store	-	2 x 260 mm dia thickness 10mm height 950mm.
To No. 1 Hold + fwd.	-	2 x 650 dia thickness 12mm height 950mm.
To No. 2 Hold + fwd.	-	See mast house tops.
To No. 3 Hold + fwd.	-	
To No. 4 Hold + fwd.	-	2 x 600 dia thickness 12mm height 950mm
To Holds and Tween Decks on Masthouse tops	-	6 x 900 dia 12mm thick 950mm high.
To Midship store rooms	-	2 x 450 dia 10mm thickness 5000 mm height supported
To After Magazine or store	-	2 x 150 mm dia 10mm thickness, goosenecks, opening 950mm above deck.
To Steering Gear flat	-	2 x 150mm, 1 x 300 mm dia thickness 10mm, height 950mm.
Boat Deck:-	To mun. stores aft	- 2 x 150mm dia 10mm thickness height 950mm.
To accommodation	-	11 s.s. 18 ft. brush room screws down vents. 180 dia 200 mm height.
To Deep Tank	-	
To No. 4 Tween Deck	-	2 x 650 dia 11mm thickness height 1600mm supported

Efficient closing appliances provided for all ventilator coamings.
Coamings exceeding 36" in height suitably stayed.

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

To Fore Peak	1x 2 1/4" dia	To O.F. Settling Tanks	- ps 2 1/4" height 1800mm o.s. 2 1/4" *
To No.1 Deep Tank	- 2x 4" dia	To F.W. Tanks in 'tween decks	-
To No.2 "	- 2x 4" dia	To Rudder Trunk	-
To No.3 "	- 2x 2 1/4" dia 3000mm high		
To No.1 D.E. Tank	- 2x 2 1/4" dia.		
To No.2 " "	Tank - 4x 2" dia.		
To No.3 " "	Tank - 4x 2" dia.		
To No.4 " "	Tank - 2x 2 1/4" dia		
To No.5 " "	Tank - 4x 2 1/4" dia		
To No.6 " "	Tank - 3x 2 1/4" dia		
To Cofferdam	- 2x 2 1/4" dia		

* These air pipes are fitted on overflow pipes, discharging below 'tween decks, fitted with aut. non-return valves, 5" for No.1 Deep tank
6" " p.s. settling tank
4" " s.s. settling tank

Height of A.E. pipes- 920
Efficient closing appliance provided for all A.E. pipe
Steel hinged flap

Particulars of Gangway Cargo and Coaling Ports:— None.

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Particulars of Scuppers and Sanitary Discharge Pipes :—

From Deckhouse amidships - 3.5" 1x5" 1x4" p.s. 3x5" 3x2 1/2" all fitted with ant. non-return valves, accessible in engine room below tween deck. ✓

From Deckhouse aft - 1x5" 1x2 1/2" p.s. in No. 3 hold, discharging below tween deck, fitted with ant. non-return valve. ✓

From Upper Deck - 8 elbow scuppers through deck and stringer plate 4" p.s. ✓

From Tween Decks - 1 scupper p.s. 5" dia. in lowest corners in each hold, leading to bilges ✓


From Steering Gear Flat - 1 scupper p.s. in lowest corner, leading to tunnel wall. ✓

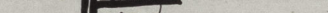
Particulars of Side Scuttles:— No side scuttles fitted below level of freeboard Deck.

Scuttles, fitted in sides and ends of deckhouses, of good construction, fitted with hinged deadlights permanently attached.

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

Particulars of Guard Rails :—

Guard rails on Upper Deck. } rods height 1.10 m stations off flat iron 1.15 m apart.
" " " deckhouse aft.
Guards rails on Boat Deck. 

Bulwarks on Upper Deck.  height of Bulwark 1.10 m ✓
spacing of stiff. 1.50 m. ✓
10.20 m open rail p.s. aft
with portable stanchions
and two 1/2" chains.
in way No 4 hatch way.

Particulars of Gangways, Lifelines, etc. :— Life Lines provided fore and aft.

stretching
screws

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 Bulwark ...	45.50m	1.10 m	70.20 m open rail 1.43 x 0.23	1 5	10.20 m open rail 1.64 m ² 11.54 m ²	5.43 m ² 58.5 sq.ft
Forward Well Bulwark	60.50 m	1.10	1.43 x 0.23	9	2.96 m ²	for .7L.

State position of each freeing port ... (F. and A. position and height above deck edge) { After Well:— } from after end of No 1 Hatchway to after end of No 2 hatchway divided, density increasing towards amidships, sill 150mm.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— no shutters, bars or rails.

Additional area where sheer is less than standard.

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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.						OTHER SMALL HATCHES	
Description of Hatchway ...	No. 1 Cargo	No. 2	No. 3	No. 4	No. 5	Hatch to steering gear	Hatch to forepeak stores
Dimensions of Hatchway ...	33'-8" x 20'-0"	35'-0" x 20'-0"	20'-0" x 20'-0"	35'-0" x 20'-0"	35'-0" x 20'-0"	600x400mm oval	950x950mm
COAMINGS	Height above Deck ... 36"	36"	36"	36"	36"	380mm	450mm
Thickness ...	18mm	16mm	16mm	16mm	16mm	10mm	10mm
Stiffeners ...	4 x 300 x 100 x 16	4 x 300 x 100 x 16	4 x 300 x 100 x 16	4 x 300 x 100 x 16	4 x 300 x 100 x 16	—	—
Brackets, Stays ...	2 x 75 x 75 x 11	2 x 75 x 75 x 11	2 x 75 x 75 x 11	2 x 75 x 75 x 11	2 x 75 x 75 x 11	—	—
HATCH BEAMS	Number ... 6	6	3	6	6	None	none
Spacing ...	1.47m	1.53m	1.54m	1.53m	1.53m	89	87
Scantling and Sketch ...	200x11mm	65x134mm	104mm	530mm	40 openings	Welded doubling plates 11mm	none
Bearing Surface ...	3"	3"	3"	3"	3"	—	—
FORE AND AFTERS	Number ...	None	None	None	None	None	none
Spacing ...	None	None	None	None	None	None	none
Unsupported Lengths ...	None	None	None	None	None	None	none
Scantling* and Sketch ...	None	None	None	None	None	None	none
Bearing Surface ...	None	None	None	None	None	None	none
HATCH COVERS	Material ... Wood	Wood	Wood	Wood	Wood	Steel	steel
Thickness ...	65mm	—	—	—	—	10mm	11mm
How fitted ...	F&A	F&A	F&A	F&A	F&A	Hinged	Hinged
Bearing Surface ...	75mm	—	—	—	—	W. secured by 6 toggles	W. secured by 6 toggles
Spacing of Cleats ...	600mm	—	—	—	—	—	—
Number of Tarpaulins ...	three	—	—	—	—	—	—
<p>*Are wood fore and afters steel shod at all bearing surfaces? None</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:—

No free boards assigned by the Netherlands' Authorities yet.

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.

Amsterdam 18-10-'47

H. J. J. J. J.



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