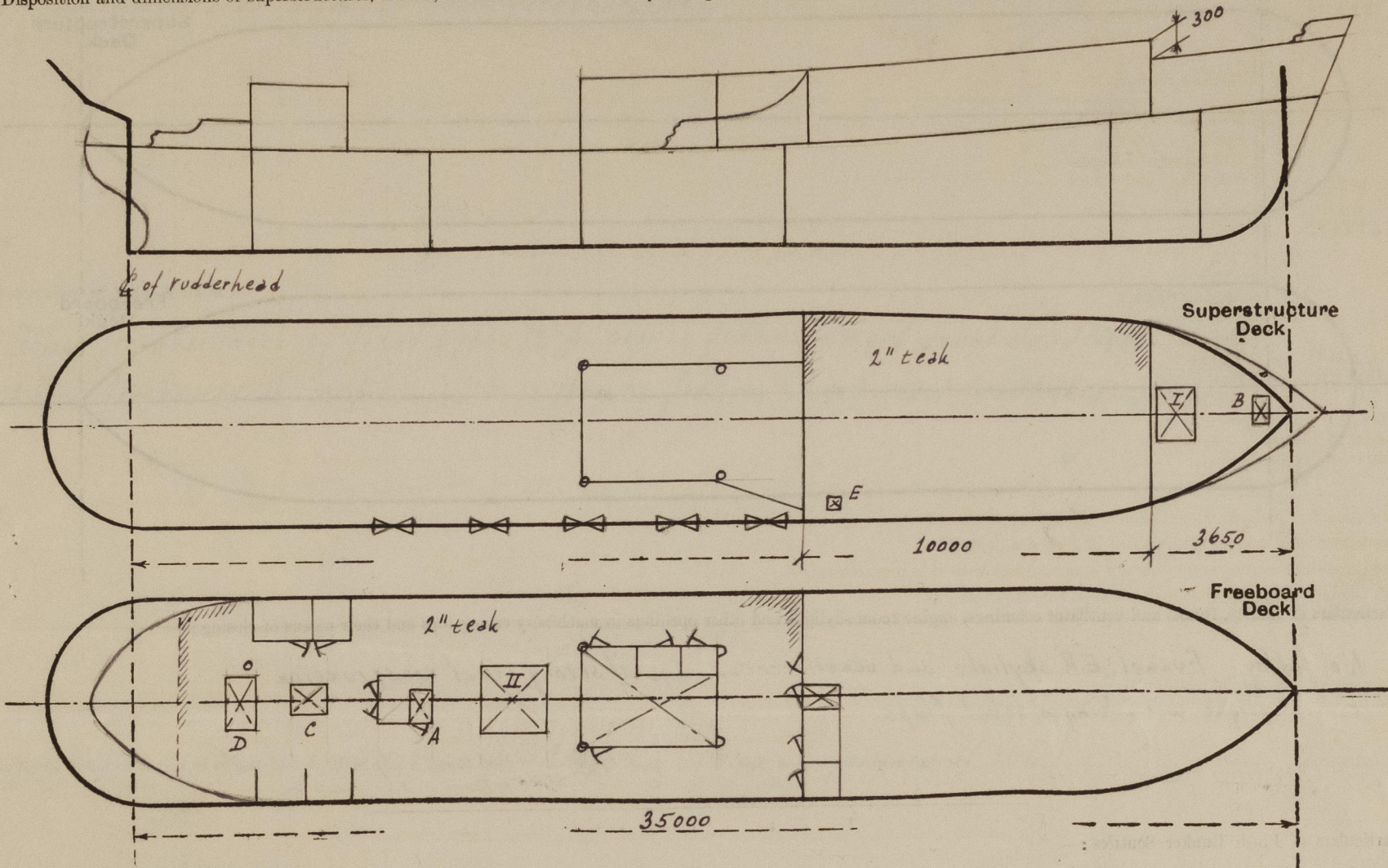


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

14 AUG 1952

Ship's Name BETTET Port of Survey Rotterdam
Official Number ✓ Surveyor's Signature Kraayebuit
Nationality and Port of Registry Indonesian Djakarta Date of Survey July - August 1952

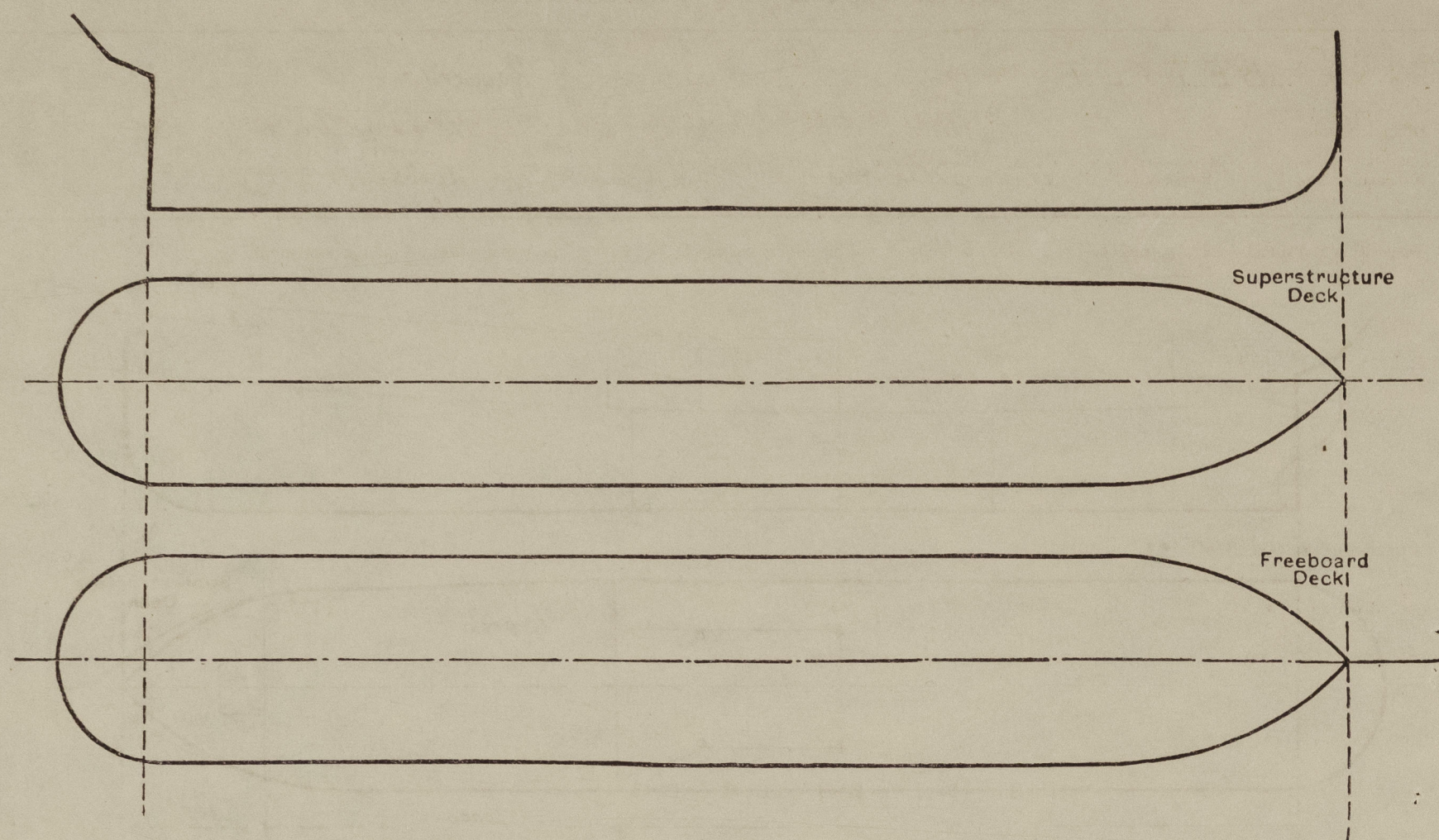
Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement :-



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								
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead	7	5 1/2	└ 65.50.6 1/2	550	none	1400.630	460	2100
Bridge, Forward Bulkhead								
Forecastle Bulkhead	7	7	└ 65.50.6 1/2	600-500	EW	none	✓	1800
Trunk, Aft								
Trunk, Forward								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	7	5 1/2	└ 65.50.6 1/2	500	knees on top	1400.600	460	2100
Exposed Machinery Casings on Superstructure Decks								
Machinery Casings within Superstructures 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								
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead	2 WT hinged steel doors, operable from both sides.							
Bridge, Forward Bulkhead	none							
Forecastle Bulkhead								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	2 WT hinged steel doors, operable from both sides							
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:—

No fiddle. Funnel, E.R. skylight and ventilator coamings of strong steel construction.
E.R. skylight with hinged steel flaps.

Particulars of Flush Bunker Scuttles:—

Particulars of Companionways:—

On freeboarddeck strong steel deckhouse aft, giving access to accommodation aft, under freeboarddeck, with hinged steel WT door, operable from both sides, sill 460 mm (A)
610

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

On forecasledeck: 2 vent. coamings 915 x ϕ 300, plate 8 1/2, to store under forecasle
2 gooseneck vents on cargo hold 460 x ϕ 150 with wooden plugs and canvas covers.
On bridgedeck: 1 vent. coaming 400 x 400, 200 high, 5 mm plate. with electric fan direct bolted on coaming.
Wooden sliding cover provided for air intake and canvas cover for electric fan (E) + vent
On freeboarddeck: 2 vent. coamings forming part of engine casing, plate 10, 7 and 5 mm, coaming up to 760 above casingdeck, leading to engine room.
2 vents on derrick posts, sufficiently supported by ER casing, suff. high above deck, ϕ 250, plate 14
leading to cargo hold.
1 vent. coaming 965 x ϕ 300 plate 8 1/2. suff. supported. leading to provision store.
Wooden plugs and canvas covers provided.

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

On forecasle and bridgedeck 460 mm high.
On freeboarddeck 920 mm high.
Air pipes on water tanks provided with wooden plugs and canvas covers.
" " oil tanks " " patent gas caps and canvas covers.

Particulars of Gangway Cargo and Coaling Ports:—

Particulars of Scuppers and Sanitary Discharge Pipes:—

On forecasledeck each side one scupper pipe ϕ 76 x 8, through shell plating above waterline, below freeboarddeck.
On main deck each side 4 scuppers ϕ 76 x 8 through shell plating above waterline, below freeboarddeck.
All sanitary discharges leading overboard through bronze SDNR valves. fitted with open/closed indicator
All sanitary spaces situated above freeboarddeck.

Particulars of Side Scuttles:—

Below freeboarddeck of fixed type. 12" ϕ . bronze frames, hinged steel deadlights.
Above freeboarddeck 12" ϕ hinged type, bronze frames, hinged steel deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel 2470 mm (4100 mm forward of 1/2 L)

Particulars of Guard Rails:—

On forecasledeck steel bulwarks 300 x 6 mm, railing bar \angle 100.65.7. suff. supported. Strong 1 rod railing on top.
Total height 920.
On bridgedeck, open railing, 2 rods of strong construction. 1050 high.
On maindeck, steel bulwarks, frame 7-bridge 1100 x 6. railing bar \angle 100.65.7. suff. supported.
aft - frame 7 550 x 6. railing bar \angle 100.65.7. strong 2 rod railing on top. Total height 1100.

Particulars of Gangways, Lifelines, etc.:—

Provisions for rigging lifelines provided.

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 Forecasledeck	5400	300	200 x 150 mooring pipe 3" scupper pipe	1 1		
Forward-Well Freeboarddeck	18150 4500	1100 550	1250 x 200 3" scupper pipe	5 4	1.25 m ²	1.158 m ²

State position of each freeing port ... (After-Well:— forecasledeck 135 above deck
(F. and A. position and height above deck edge) Forward-Well:— freeboarddeck 165 " "

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— 3 bars (horizontal)

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway			Forecastle deck No I			Freeboard deck No II			
Dimensions of Hatchway			1210 x 1210			2000 x 1800			
COAMINGS	{	Height above Deck ...	610			750			
		Thickness { Sides ...	77			77			
		{ Ends ...							
		Stiffeners	✓			130.65.8			
		Brackets, Stays ...	✓			✓			
HATCH BEAMS	{	Number	/			/			
		Spacing							
		Scantling and Sketch ...							
	{	Bearing Surface							
FORE AND AFTERS	{	Number	/			1			
		Spacing			900				
		Unsupported Lengths ...			1840				
		Scantling* and Sketch ...			150.150				
					teak				
	{	Bearing Surface				80			
HATCH COVERS	{	Material	steel			teak			
		Thickness	6			60			
		How fitted	hinged			transverse			
		Bearing Surface	WT			65 70			
Spacing of Cleats			✓			500			
Number of Tarpaulins			✓			2			
*Are wood fore and afters steel shod at all bearing surfaces?			yes						
Are battens and wedges efficient and in good condition?			yes						
Are tarpaulins in good condition and in accordance with rule requirements?			yes			✓			
Are lashings provided in accordance with rule requirements?			yes						

Particulars of any special features:—

On forecastle deck one hatch leading to store 550x457. coaming 130x7. hinged steel WT hatch. 6mm (B)

On freeboard deck strong steel skylight on accommodation aft. 660 high. 7mm plate with hinged steel WT flaps with bronze bulleyes (C)

" " one hatch on steering engine room 1000x900. coaming 450x7. with hinged steel WT hatch. (D)

In No 2 hatch coaming 6 bronze sidescuttles 12" φ of fixed type, with hinged steel deadlights, underside 125 mm above deck.

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.

