

26 AUG 1953

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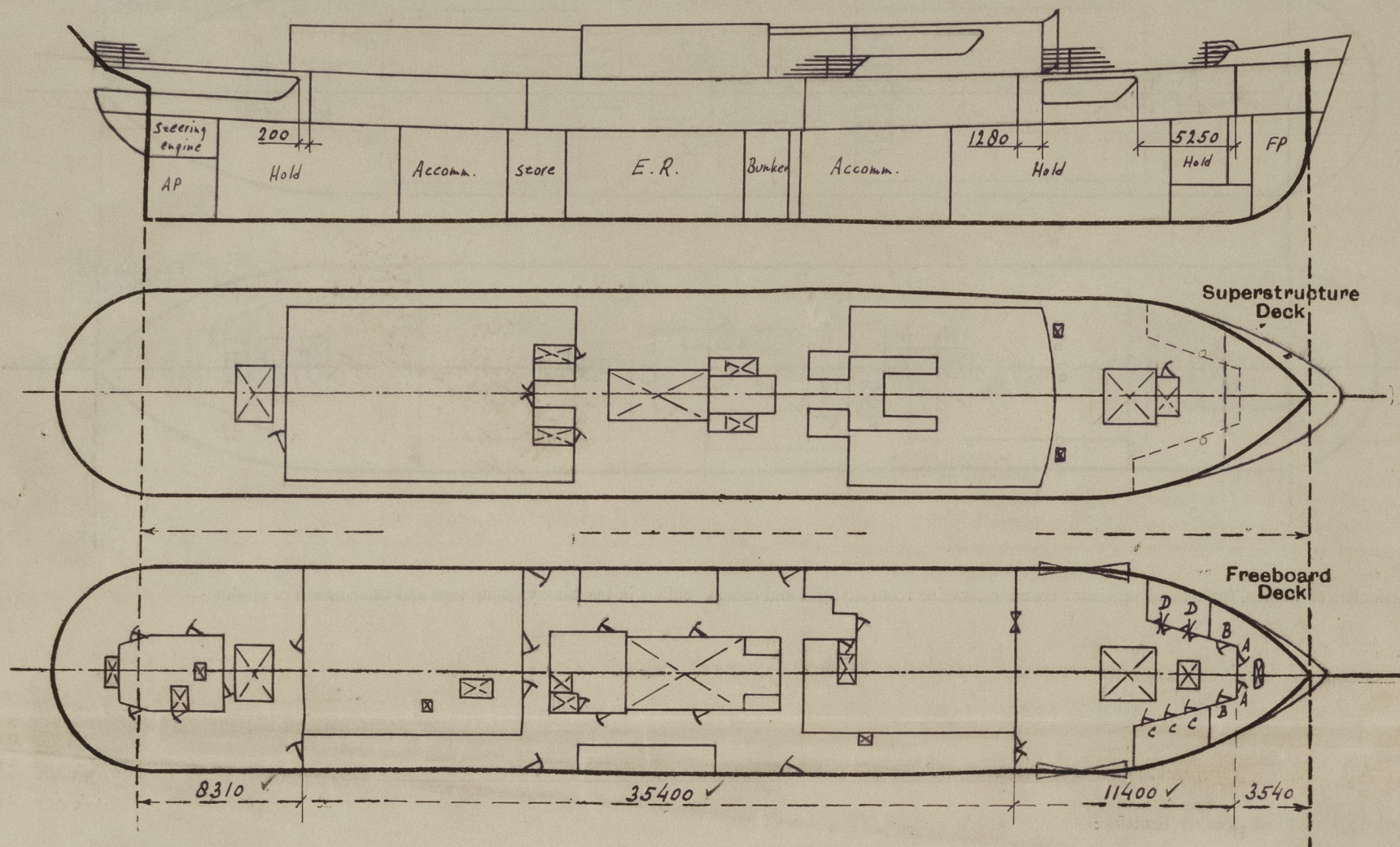
## Lloyd's Register of Shipping.

Index No. \_\_\_\_\_  
(For London Office only).SURVEYS FOR FREEBOARD.  
(CONDITIONS OF ASSIGNMENT.)

No 35961

Ship's Name *M.S. "MENGKARA"*Port of Survey *Rotterdam*Official Number *✓*Surveyor's Signature *Kraayenbrink*Nationality and Port of Registry *Indonesian Djakarta*Date of Survey *whilst building (February 1953)*

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.

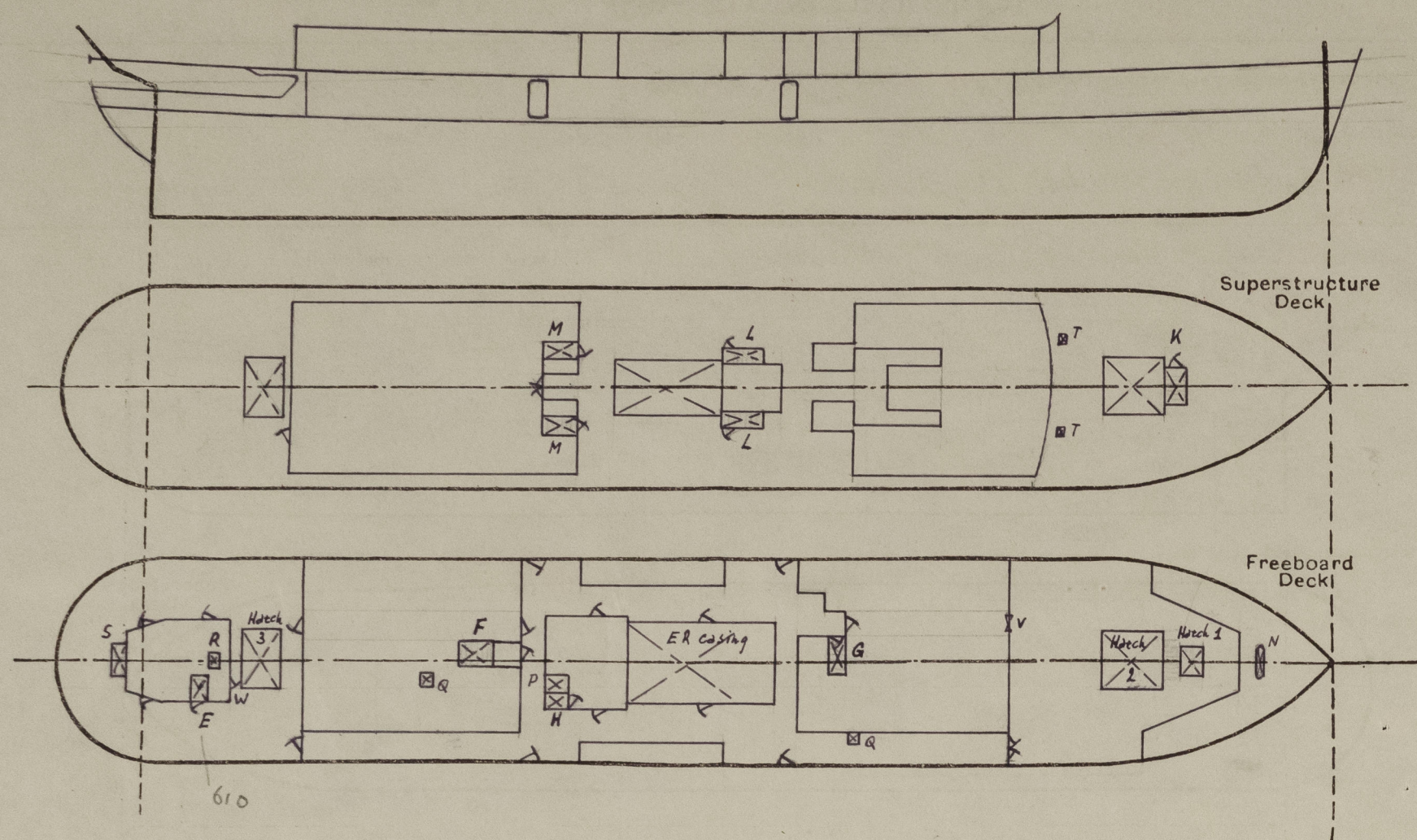
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	✓							
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	310.8	6	4 100.65.7	675	1 ugs. EW	1630. 785	280 above wooden deck	2300
Bridge, Forward Bulkhead ...	250.8	8	5 150.75.8	666 - 715	1 ugs. EW	1630. 1180	300. above wooden deck	2300
Forecastle Bulkhead ...	310.8	4	4 50.16 4 50.50.6	600-700-900	none	1610. 530 A. 1610. 680. B 1580. 630 C 1800. 750 D	280 " 270 " 310 " 270 "	2300
Trunk, Aft ...	✓							
Trunk, Forward ...	✓							
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 ...	8	6	4 60.60.6	600	none	1420. 680.	460 above wooden deck	2300
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 hinged steel W.T. doors, operable from both sides.
Bridge, Forward Bulkhead ...	double hinged steel non WT door, operable from both sides.
Forecastle Bulkhead ...	2 hinged wooden doors (A). 2 hinged steel non WT doors (B). 3 hinged wooden doors (C). Doors A-B-C operable from both sides.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	2 sets of hinged wooden doors (D) swaying in and out.
Exposed Machinery Casings on Superstructure Decks ...	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	2 hinged steel doors, operable from both sides.
Deckhouses on Flush Deck Ships ...	✓



3867



No fidley. X  
Funnel, vent. coamings and ER skylight of strong steel construction.  
ER skylight with hinged steel flaps. ✓

None fitted.

[illegible]

On forecast/deck 2 vent. cowmings 880 x  $\phi$  200. 8mm plate. } leading to stores and sanitary spaces  
" " 6 mushroom vents 200 x  $\phi$  150 with WT screwdown caps } under forecast/deck.

On deck above forewell: 3 vent. coamings 880-910 x  $\phi$  400. 12 mm plate, leading to cargo holds.

On deck above afterwell: 2 vent. coverings 780 x  $\phi$  400. 11mm plate. leading to cargo hold.

On steering engine room 2-4" gooseneck vents on freeboard deck, 860 high. (restricted by bulwarks)

Wooden plugs and canvas covers supplied.

In deckhouses on superstructure deck torpedo vents, sufficiently high above deck.

Airpipes on freeboarddeck aft 1000 and 860mm high (restricted by bulwarks)  
 " " Superstructuredeck 760mm high.

Airpipes on ballast tanks with plugs and canvas covers.  
" " oil fuel tanks with wire gauze and canvas covers.

Mengkara.

p & s. in bridge space 2 hinged steel WT doors, 8mm plate, sufficiently stiffened, with 8 togglebolts, spaced 600mm apart. shell plating in way strengthened. sill 160 above wooden deck.

In shell plating in forewell each side opening 4470 x 1070. 1110 above deck, with 4 hinged steel non WT covers (hinges on topsides) each cover with 2 togglebolts and horizontal locking bar L 80 x 45.

Scuppers in accommodation <sup>(forward of ER)</sup> below freeboard deck draining to hold bilges. In accom. aft of ER draining to tunnel and fitted with self-closing cocks. ✓  
All scuppers and sanitary discharges from spaces on freeboard deck and superstructure decks leading overboard with bronze screwdown non return valves on shipside, operated from above freeboard deck, with open-shut indicators except in way of engine room, where all valves are easily accessible. ✓

Forward well drained by 2 scuppers 2 1/2" dia. fitted with storm valves operable from above the freeboard deck.

Sidescuttles below freeboard deck of fixed type with hinged steel deadlights. ✓  
 " above " of normal type with hinged steel deadlights. ✓

In steel covers in shell plating in way of forewell of fixed type with hinged steel deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel.....3900.

On superstructure deck 1060 mm high partly with teak rail and 4 rods, partly with 1 1/2" pipe and 4 rods.  
On freeboard deck aft steel bulwarks sufficiently supported.

2192

No 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 ... ..	8310	1070	700 x 480 1000 x 220	2 1	} .556 m <sup>2</sup>	.682 m <sup>2</sup>
Forward Well ... ..	ss 6360 ps 6920	1110				
<p>State position of each freeing port ... .. { After Well:— 170 and 260 above deck</p> <p>(F. and A. position and height above deck edge) { Forward Well:—</p> <p>State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— 2 openings with shutters. 1 opening without shutters or bars.</p> <p>Additional area where sheer is less than standard.</p>						



PARTICULARS OF PROTECTION TO OPENINGS, ETC.

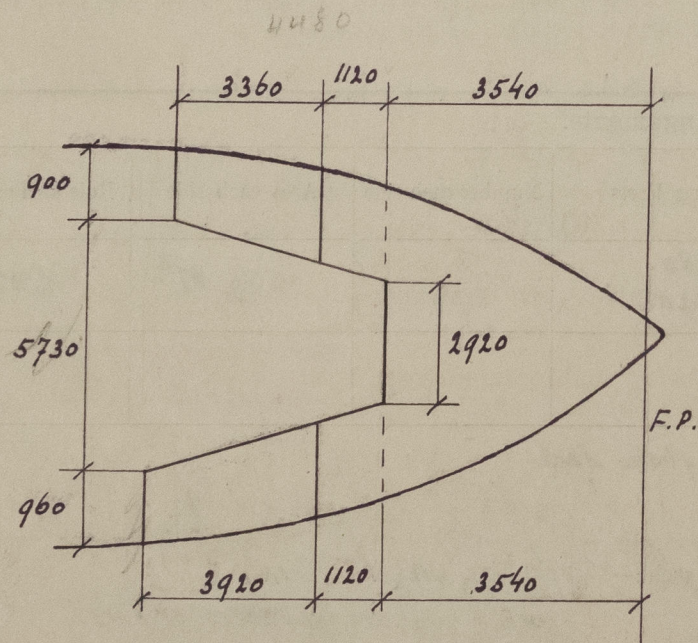
HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
			Freeboard deck			superstr. deck			
Description of Hatchway ... ..			Nº 1	Nº 2	Nº 3	Nº 2	Nº 3.		
Dimensions of Hatchway ... ..			910.1600	2800.3000	1800.3000	2800.3000	3120x1920		
COAMINGS	{	Height above Deck ...	640 ✓	670 ✓	670 ✓	680 ✓			
		Thickness { Sides ...	11 ✓	11 ✓	11 ✓	11 ✓			
			Ends ...	11 ✓	11 ✓	11 ✓	11 ✓		
		Stiffeners ...	150.75.8 ✓	150.75.8 ✓	150.75.8 ✓	150.75.8 ✓			
		Brackets, Stays ...	✓	✓	✓	✓			
HATCH BEAMS	{	Number ...		1		1	4. F&A.		
		Spacing ...		1400		1400	624.		
		Scantling and Sketch ...		150.10 ✓		150.10 ✓			
				200.8 ✓		200.8 ✓	100mm		
				150.10 ✓		150.8 ✓	chan.		
Bearing Surface ...		100 ✓		100 ✓					
FORE AND AFTERS	{	Number ...							
		Spacing ...							
		Unsupported Lengths ...							
		Scantling* and Sketch ...							
		Bearing Surface ...							
HATCH COVERS	{	Material ...	pine	pine	pine	pine	teak		
		Thickness ...	60 ✓	60 ✓	60 ✓	60 ✓	55.		
		How fitted ...	f&s ✓	f&s ✓	f&s ✓	f&s ✓			
		Bearing Surface ...	80 ✓	80 ✓	80 ✓	80 ✓			
Spacing of Cleats ... ..			600 ✓	600 ✓	600 ✓	600 ✓			
Number of Tarpaulins ... ..			2 ✓	2 ✓	2 ✓	2 ✓			
*Are wood fore and afters steel shod at all bearing surfaces? ✓									
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:—

Under forecandle one hatch on chainlocker 950.420, sill 320. 10mm plate, with hinged steel non WT cover. (N)  
In bridgespace on provision store one hatch, partly enclosed in galley deckhouse 1030.800. sill 325. with hinged steel non WT cover (P) In bridgespace 2 escape hatches on accomm. below freeboard deck 490.390. sill 250. hinged steel non WT cover. (Q)  
In deckhouse aft one escape hatch on tunnel 695.560. sill 315. hinged steel WT cover (R) (Entrance doors to this deckhouse: 1630.680. sill 250 above wooden deck, with hinged steel non WT doors, operable from both sides.  
Aft deckhouse aft steel skylight on steering engine room, 2 openings 550.420. sill 680. hinged steel WT covers. (S)  
On superstr. deck 2 escape hatches in front of bridge deckhouse 610.610. sill 450 with hinged steel WT covers. (T)  
In bridge front bulkhead ps one opening 670.640, sill 1190 with teak framed window. (V)  
In front bulkhead of deckhouse aft on freeb. deck one opening 680.760. sill 920. with hinged steel non WT door. (W)  
Freeboard deck and superstructure deck sheathed with 50mm teak, except in sanitary spaces, galley and stores. ✓

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.



Sketch of forecandle bulkhead.



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Foundation