

6 MAR 1957

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Index No. _____
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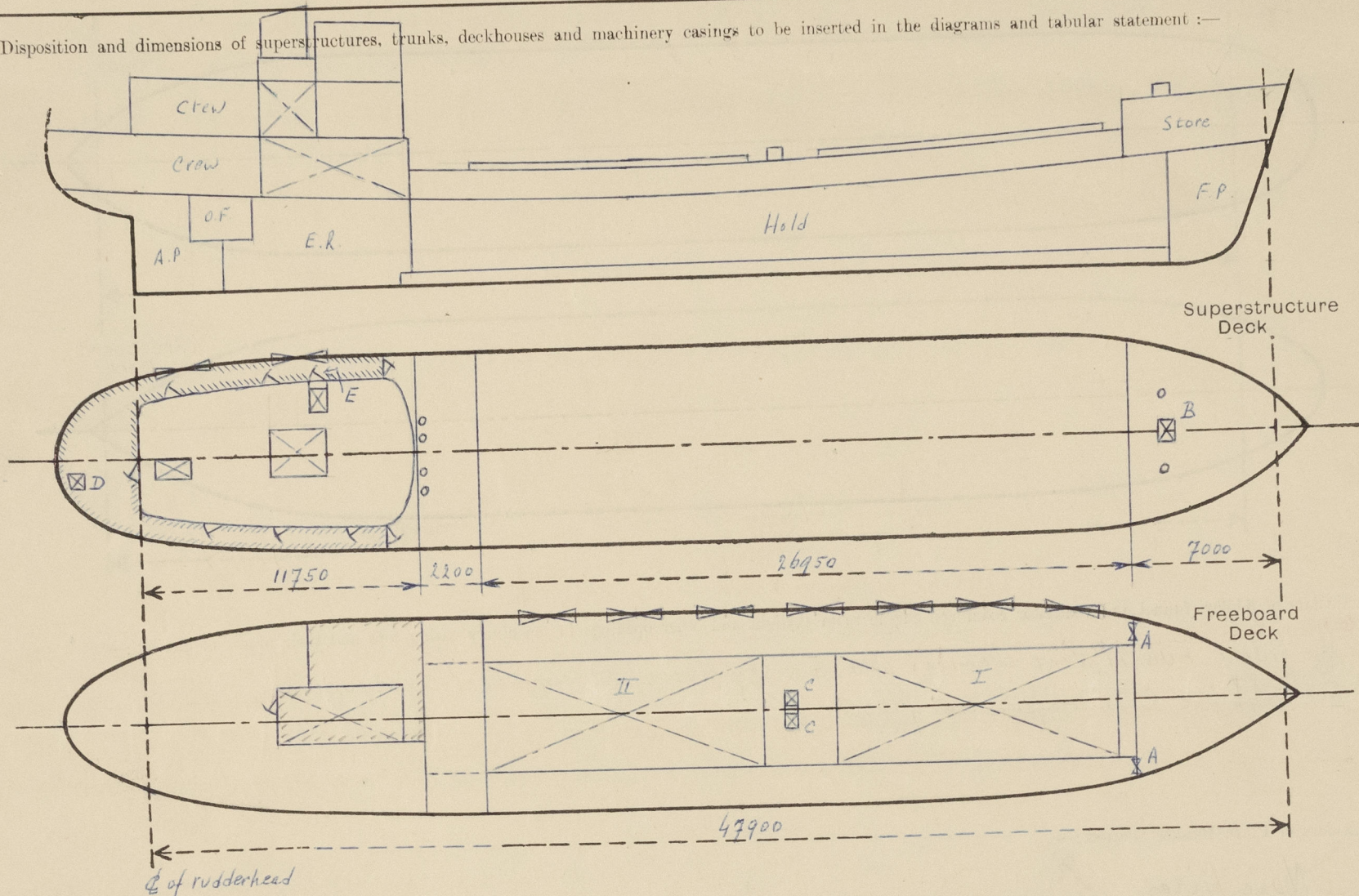
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Pro. rpt. 1495.

Ship's Name MS. RANAPort of Survey GroningenOfficial Number VSurveyor's Signature KrasjantNationality and Port of Registry Netherlands DELFIJL GroningenDate of Survey March 1957

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.

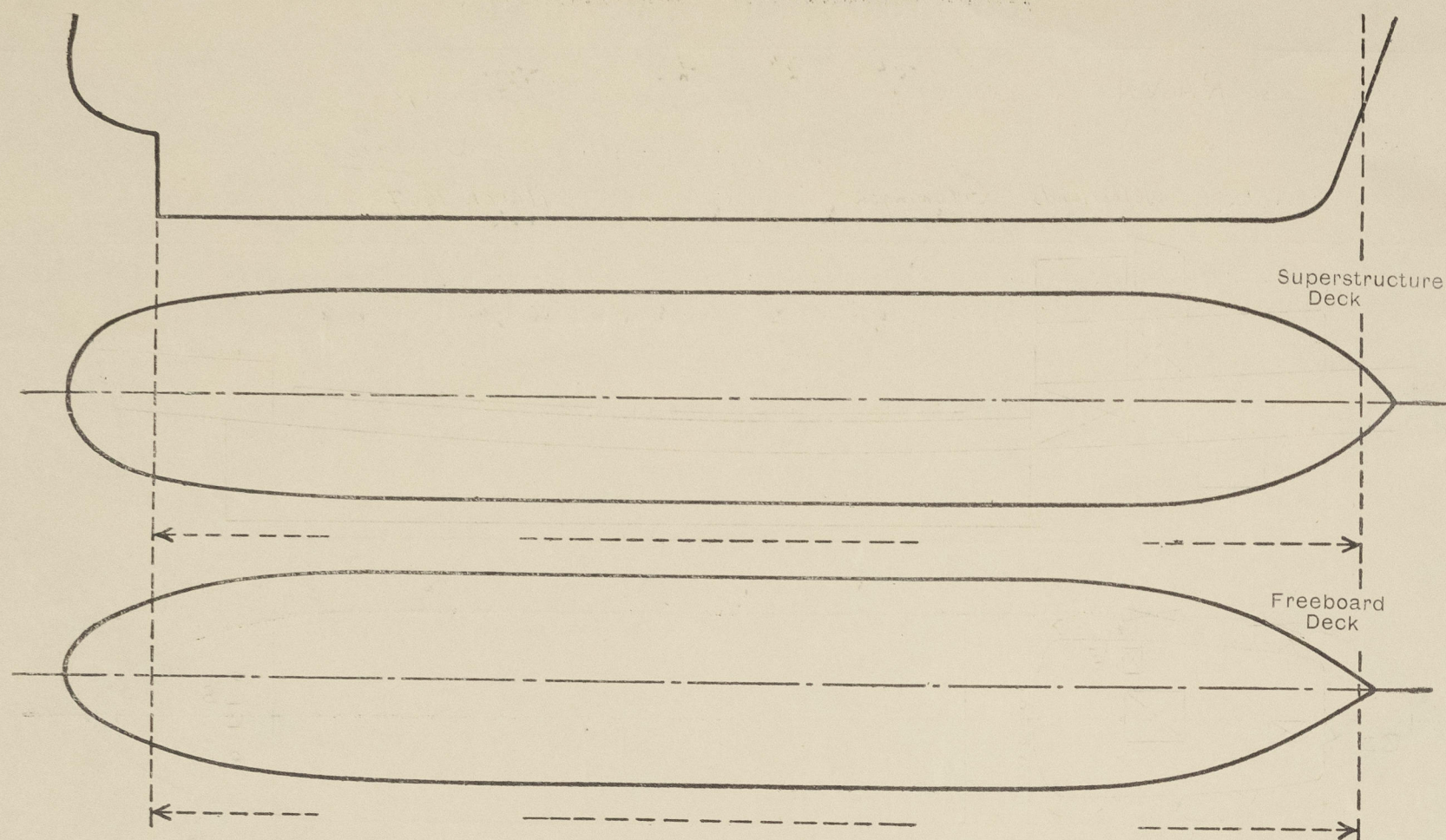
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	7 1/2 X	7 1/2 X	575x65x8 X	700 X	top brackets X bottom loose X	none X	—	2050 X
Raised Quarter Deck Bulkhead ...	7 1/2 X	7 1/2 X	575x65x8 X	550 X	EW	none	—	1000 X
Bridge, After Bulkhead ...	—	—	—	—	—	—	—	—
Bridge, Forward Bulkhead ...	—	—	—	—	—	—	—	—
Forecastle Bulkhead ...	6 X	6 X	575x65x8 X	670 X	top brackets X bottom loose X	2 off 1260x940 X	500 X	2055 X
Trunk, Aft ...	—	—	—	—	—	—	—	—
Trunk, Forward ...	—	—	—	—	—	—	—	—
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	part of poop bulkhead ✓				—	1290x550 X	480 X	2000 X
Exposed Machinery Casings on Superstructure Decks ...	5 X	5 X	—	—	—	—	—	—
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 ...	no openings X
Raised Quarter Deck Bulkhead ...	no openings X
Bridge, After Bulkhead ...	—
Bridge, Forward Bulkhead ...	—
Forecastle Bulkhead ...	portable steel plates on hookbolts not passing through bulkhead. (A) X
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	no openings X
Exposed Machinery Casings on Superstructure Decks ...	hinged solid hardwood door, 50mm thick, operable from both sides. (E) X
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, vent. coamings and ER skylight of strong steel construction.
ER skylight with hinged steel flaps. X

Particulars of Flush Bunker Scuttles:—

None fitted. X

Particulars of Companionways:—

Only in deckhouse aft.
In deckhouse sides 6 openings 1290 x 550, sill 480 above wooden deck, with hinged solid hard wood doors, operable from both sides, giving access to crews quarters in deckhouse and under poopdeck. X

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

On forecastle 2 vent. coamings 2020 x 305 plate q. strongly supported, on hold.
On R.Q. deck 4 vent. coamings 3150 x 930 plate q. strongly supported, on hold to engine room.
On deckhouse sides gooseneck vents on crew spaces in deckhouse, ^{opening 1750 mm} ~~sufficiently high~~ above deck (built in deckhouse).
All other vents. on board deck, sufficiently high. X
All vents. fitted with wooden plugs and canvas covers. X

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

Minimum height of air pipes on forecaldedek 770 mm X
freeboard deck 910 " X
R.Q. deck 760 " X
poopdeck 760 " X
Air pipes on watertanks fitted with wooden plugs and canvas covers. X
Air pipes on OF tanks fitted with wire gauze and canvas covers. X

Particulars of Gangway Cargo and Coaling Ports:—

None fitted. X

Particulars of Scuppers and Sanitary Discharge Pipes:—

Forecastle draining to open deck. One scupper 1 1/2" p each side in forecaldedek, with screw plug attached by chain. X
Poop space draining to ER bilges. X
Sanitary discharges from spaces under poopdeck through ship sides with S.D. valve and N.R. valve, both in accessible position in engine room. X
Sanitary discharges from spaces above poopdeck through ship bottom, without means of closing. Pipes same thickness as shell plating. X

Particulars of Side Scuttles:—

Of strong construction with hinged steel deadlights, permanently attached. X

Vertical distance of Sill of lowest Side Scuttle above top of keel. Sufficiently high above freeboard deck. X

Particulars of Guard Rails:—

On forecastle steel 3 rod guardrails 910 high. X
On freeboard deck and R.Q. deck steel bulwarks, plate 7, rail 2 1/2 x 75 x 10, supports 300 x 10 x 1.50 x 10, spaced 1650.
On poopdeck steel bulwarks, plate 6, rail 2 1/2 x 75 x 10, supports 220 x 7, 1.50 x 7, spaced 1650. X

Particulars of Gangways, Lifelines, etc.:—

Arrangements made for rigging up lifelines between forecaldedek and poop over hatches. X

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 ... poopdeck..	11750 X	990	1580 x 230	2	0.73	0.421 m ²
R.Q. deck	2200 X	500-2000	open at fore-end			
Forward-Well freeboard.. deck	26950 X	1120	1580 x 230	7	2.55	2.60 m ²

State position of each freeing port ... { After-Well:—
(F. and A. position and height above deck edge) { Forward-Well:— 190 above deck edge. X

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— none fitted. X

Additional area where sheer is less than standard.



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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

		HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.				
Description of Hatchway		Freeboard deck		Forel. deck	Poop deck	
Dimensions of Hatchway		I	II	C	B	D
COAMINGS	Height above Deck	11890x5050	11890x5050	600x600	990x990	600x490
	Thickness	1250	720	610	380	460
	Sides	10	8	8	8	8
	Ends	10	8	8	8	8
	Stiffeners	280x90x10				
	Brackets, Stays	250x75x7 sp. 2200				
HATCH BEAMS	Number	7				
	Spacing	1500 max.				
	Scantling and Sketch	180x16				
	Bearing Surface	110				
FORE AND AFTERS	Number					
	Spacing					
	Unsupported Lengths					
	Scantling* and Sketch					
	Bearing Surface					
HATCH COVERS	Material	pine	steel	steel	steel	
	Thickness	65	7	8	7	
	How fitted	F&A	hinged	hinged	hinged	
	Bearing Surface	90	WT	WT	WT	
Spacing of Cleats		560-150	4 toggles	7 toggles	3 toggles	
Number of Tarpaulins		2				
*Are wood fore and afters ^{covers} 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. Steel bars 90x10 with rigging screws on 4						

Particulars of any special features:—

Timber deck cargo (Deeper loading) X
 Forecastle of more than 7% of length of ship. X
 Machinery casing protected. X
 Centre girder in DB Watertight over more than 1/2 L amidships. ✓
 Bulwarks of strong steel construction, 7mm plate, efficiently stiffened and supported. Supports in way of deck beams. Spacing of supports less than 1850. Height of bulwarks more than 1000. X
 Steering gear effectively protected and 2nd means of steering provided. X
 Capstan fitted aft. X
 Strong steel sockets welded to stringer plate for uprights, lashed to bulwark rail. Holes in rail for lashings. Each bulwark stay with hole for extra lashings. X
 Strong eyeplates welded to stringer plate for overall lashings. X
 Spacing of sockets and eyeplates as required by the Dutch Assigning Authorities. X
 Efficient steel wire lashings, in accordance with the Requirements of the Dutch Assigning Authorities. X



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