

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

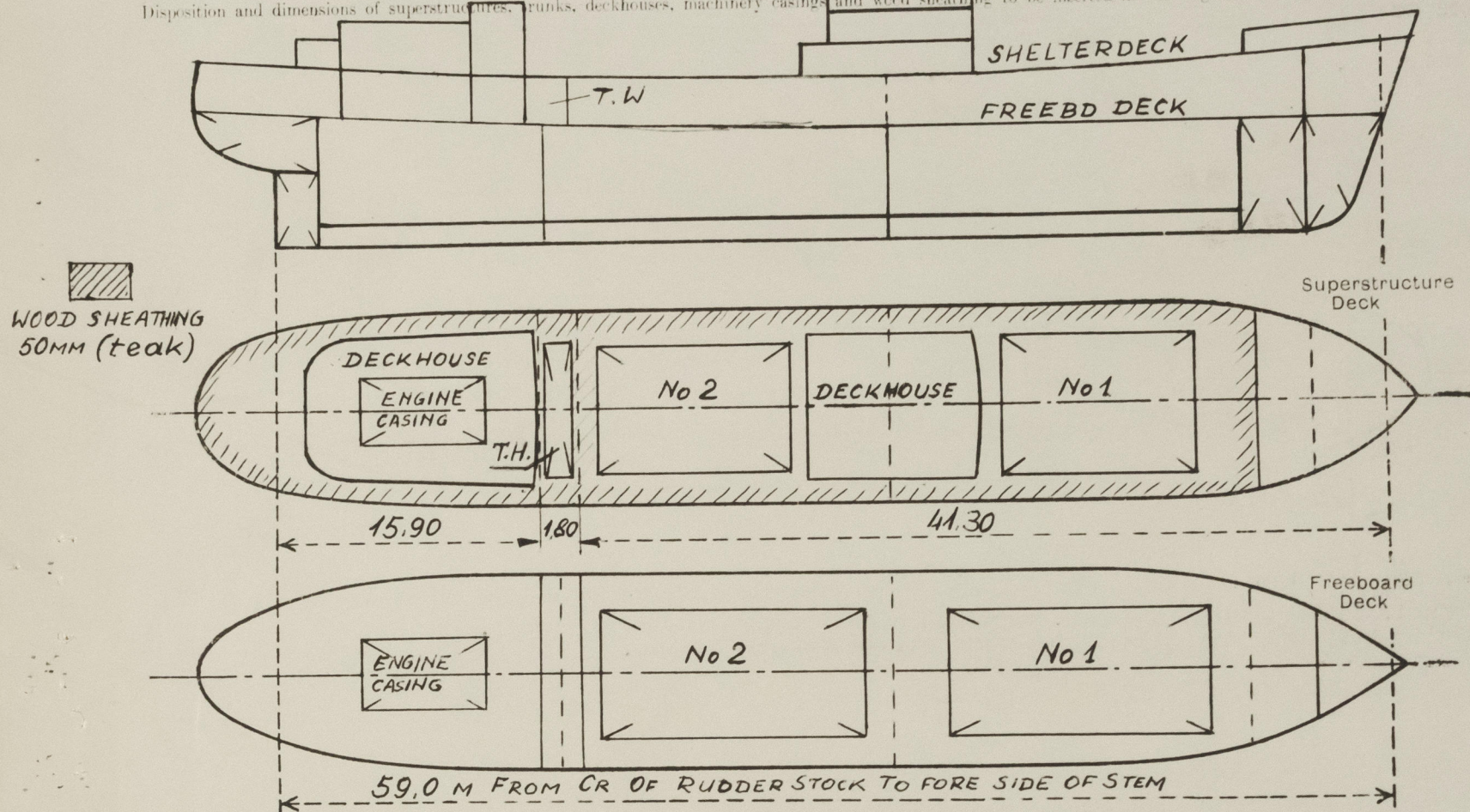
(CONDITIONS OF ASSIGNMENT.)

L.L. 88

Ship's Name **M.V. "NANAS"**
 Official Number
 Nationality and Port of Registry **Indonesian
Djakarta**

Port of Survey **GDYNIA**
 Surveyor's Signature **[M. Pycinski]**
 Date of Survey **January, 1961**

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



For detailed dimensions see C11 (comp)

Particulars of Superstructures, Trunks, Casings, Deckhouses.

	Coaming M/M	Plating M/M	Stiffeners M/M	Spacing M/M	End Attachments of Stiffeners	Size of Openings M/M	Height of M/M	Height, Beam M/M
Poop Bulkhead (T.W.)	-	7	75x50 x 6/8	750	None	2 Openings 1500x1000	240	2200
Raised Quarter Deck Bulkhead	-	7	75 x 50 x 6/8	750	None	2 Openings 1500x1000	240	2200
Bridge, After Bulkhead (T.W.)	-	7	75 x 50 x 6/8	750	None	2 Openings 1500x1000	240	2200
Bridge, Forward Bulkhead	-	7	75 x 50 x 6/8	750	None	2 Openings 1500x1000	240	2200
Forecastle Bulkhead (Superimposed)	6	6	75 x 50 x 6	850	E.W. Top and Bottom	1300x650	630	2200
Trunk, Aft	8	8	75 x 50 x 8	720	E.W. Top & Bot.	None	460	2200
Midship Deckhouse	8	8	75 x 50 x 8	720	E.W. Top & Bot.	None	460	2200
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	7	7	75 x 50 x 8	600	Bkts top E.W. Bot.	1450x650	460	2200
Exposed Machinery Casings on Superstructure Decks	7	7	75 x 50 x 8	600	Bkts top E.W. Bot.	1450x650	460	2200
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	8	5	75 x 50 x 8	600	Bkts Top	600S Bkts Top	230	-
Aft Deckhouses	7	7	75 x 50 x 8	650	E.W. Top & Bot.	None	460	2200

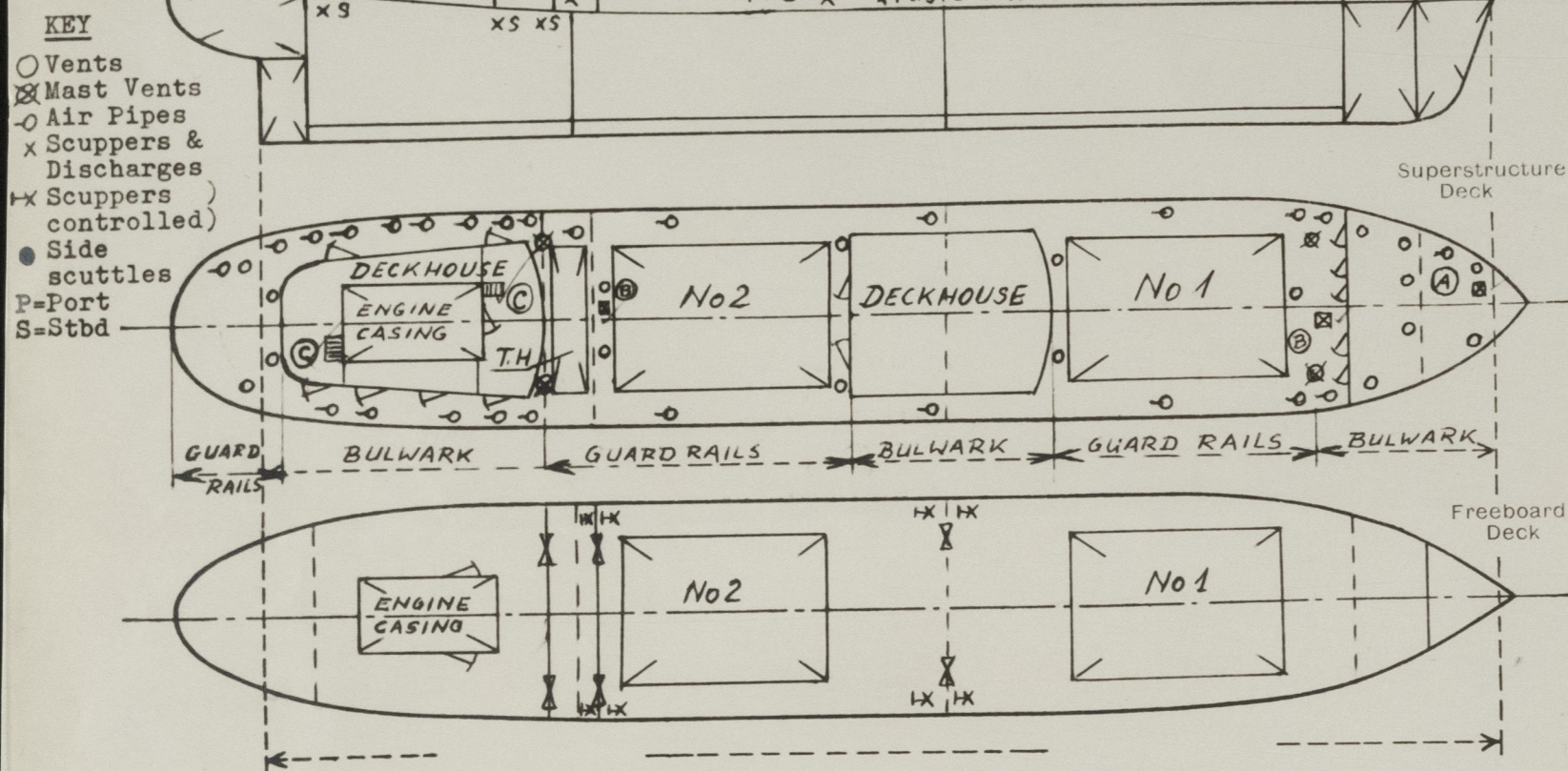
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead (T.W.)	Portable steel plates 6mm thick, secured by hook bolts, spaced min. 300 mm apart (Class II)
Bridge, After Bulkhead (T.W.)	Do.
Bridge, Forward Bulkhead	(Superimposed) Hinged steel WT doors operated both sides (Class I)
Forecastle Bulkhead	
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	Hinged steel doors, operated both sides. Hinged hardwood doors 50mm thick, operated both sides and hinged steel WT doors operated both sides.

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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, side scuttles, scuppers, 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 :-
Funnel, Vent Coamings and E.R. Skylight strongly constructed of steel.
Skylight fitted with hinged steel and strong bulls-eye lights.

Particulars of Flush Bunker Scuttles :- **None.**

Particulars of Companionways :- On shelterdeck: (A) Companionway to Fore Peak 890x590mm with strong steel coaming 680x11mm thick and hinged steel WT cover, operated both sides, 5mm thick, (including those incorporated in deckhouses and masthouses)
 (B) Companionways to Nos 1&2 'Tweendecks 590x590mm with strong steel coamings 630x11mm thick, and hinged steel WT covers, operated both sides, 5mm thick, secured by toggles.
 (C) Companionways to Poop incorporated in steel deckhouse with hinged wood (50mm thick) and steel doors operated both sides 1450x650mm, Sill 460 mm.

Particulars of Ventilators in exposed positions on freeboard and superstructure decks :-
 2- 500 mm Dia Mast Vents, efficiently stayed
 2- 425x600mm Vents, Coamings 2200x10mm, efficiently stayed
 1- 500 mm Dia Vent, Coaming 970x 10mm, efficiently stayed
 5- 350 mm Dia Vents, Coamings min. 1840x9mm, efficiently stayed
 2- 250 mm Dia Vents, Coamings min. 920 x 8mm, efficiently stayed
 3- 200 mm Dia Vents, Coamings min 900/x 8 mm,
 2- 150 mm Dia Vents, Coamings 915 x 8mm,
 2-100 mm Dia Vents, Coamings 915 x 8 mm,

Vents other than Mast Vents provided with wood plugs and canvas covers.
 Mast Vents provided with fixed mushroom top.

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

5- 50mm Dia x 900 mm min. height
 1- 55 mm Dia x 900 mm height
 7- 65mm Dia x 900 mm min. height
 1- 80 mm Dia x 900 mm height
 4-100mm Dia x 460 mm min. height

OF Tank air pipes provided with wire gauze. All air pipes fitted with floating wood balls in guides.

Particulars of Gangway Cargo and Coaling Ports :-

None.

Particulars of Scuppers and Sanitary Discharge Pipes :- **A) SCUPPERS:-**

2-65mm Dia Scuppers (P&S) from shelterdeck led overboard through ship's sides above frbd deck.
 1-125mm Dia Scupper (P&S) from Tonnage Well led to ER bilges with galvanized SD valve controlled from shelterdeck with shut/open indicator.
 3-50 mm Dia Scuppers (P&S) from 'Tweendeck led to Hold bilges with galvanized SD valves controlled from shelterdeck with shut/open indicators.
 1-80 mm Dia Scupper Stbd side from galley and cook's accommodation in after deckhouse led overboard below frbd deck through galvanized steel storm valve.
 3-50 mm Dia Scuppers from 'tweendeck refrigerating compartments aft with upper ends shut by means of threaded plugs led to E.R. bilges.

B). SANITARY DISCHARGES:-

1-50mm Dia discharge Port above frbd deck
 2-100mm Dia discharges Port above frbd deck
 3-100 mm Dia discharges Stbd above frbd deck
 Sanitary discharges from accommodation in fore and midship deckhouse led overboard above frbd deck through galvanized steel storm valves (mentioned above). Sanitary discharges from boat deck Port and upper deck Port led to E.R. sewage tank and thence discharged by bilge or ballast pump.
 2-100mm Dia sanitary discharges Stbd from boat deck Stbd, upper deck Stbd and 'Tweendeck Stbd led overboard below frbd deck through galvanized steel storm valves & steel sluice valves operated from E.R.
 C). CHAIN locker & Steering gear compartment drained overboard by piston hand pumps through NR valves fitted above frbd deck.

Particulars of Side Scuttles and Deadlights :-

Strong sidescuttles with brass frames and hinged brass deadlights fitted in 'tweendeck accommodation aft.

Vertical distance of Sill of lowest Side Scuttle above top of keel **None below frbd deck.**
 Distance from amidships to centre of lowest Side Scuttle

Particulars of Guard Rails and Bulwarks :- Bulwark 1,08 high x 6mm thick with 160x 10mm railbar and 7mm flanged plate stays spaced 1,20m apart, fitted amidships and at ship's ends.
 5 Guard Rails with stanchions 1,28m high spaced 1,20 m apart.

Particulars of Gangways, Lifelines, etc. :- **None.**

Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
Shelterdeck	32m	1,08m	None			
Guard rails for a length of 33,8m (see sketch on page 2)						
State position of each freeing port	(After Well :- (F. and A. position and height above deck edge) Forward Well :- None.					
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :-						
Additional area where sheer is less than standard.						

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

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HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Superstructure deck					Freeboard Deck				
Description of Hatchway	No.1	No.2	T.H.Peak	Fore Access (2)	No.1	No.2	Access No.1H	Access No.2H.	
Dimensions of Hatchway Metres.	9,0x5,5	9,0x5,5	12,3x5,5	0,8x0,59	2,0x5,5	12,0x5,5	0,58x0,58	0,59x0,59	
COAMINGS	Height above Deck	See sketch "A"	250	680	630	240	230	230	230
	Thickness Sides	11/11	10/8	11/11	11/11	16	16	10/10	10/10
	Stiffeners	See sketch "A"		Horiz.					
	Brackets, Stays	4S1E	4S1E	None	75x50x8	None			
HATCH BEAMS	Number	7	7	=	=	9	9	=	=
	Spacing	1125	1125	=	=	1200	1200	=	=
	Scantling and Sketch	See sketch "B"		None		See sketch "C"		None	
	Bearing Surface Min.	80	80	-	-	80	80	-	-
FORE AND AFTERS	Number	"A"	10			"B"	200		"C"
	Spacing	FL 85	220			16	10		18
	Unsupported Lengths	FL 80	625			490	10		390
	Scantling* and Sketch	NONE							
HATCH COVERS	Material	Wood				Wood			
	Thickness	65				65			
	How fitted	F&A				F&A			
	Bearing Surface	65	65	65	Hinged steel WT covers	65	65	Hinged steel WT covers	
Spacing of Cleats		600				600			
Number of Tarpaulins		2				2			
*Are wood fore and afters steel shod at all bearing surfaces? None. ✓ 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? (Locking bars on hatches Nos 1&2 fitted on Shelterdeck Are wood covers fitted with galvanised end bands? Yes (T.H. Covers capable of being secured from below with hemp lashings.									

Particulars of any special features:— (Timber Deck-cargo Fittings, Skylights, Sewage Systems, Ash Ejectors, Rubbish Shoots, etc.)

Note:— All above dimensions given in Millimeters unless otherwise stated.



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