

Lloyd's Register of Shipping.

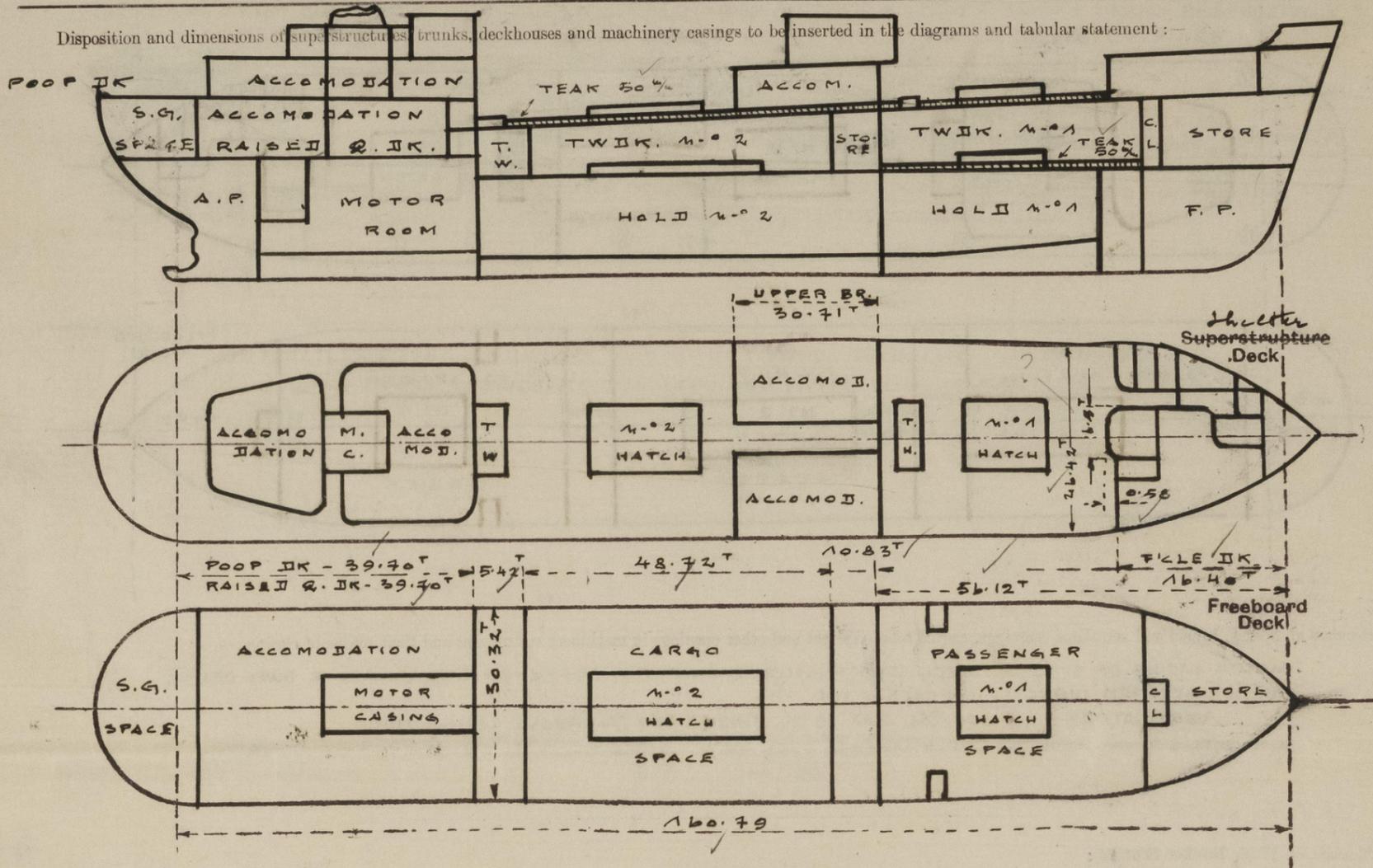
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

18 AUG 1953

Ship's Name NAIKO Port of Survey TRIESTE
 Official Number ✓ Surveyor's Signature [Signature]
 Nationality and Port of Registry Indonesian - JAKARTA Date of Survey During construction

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.

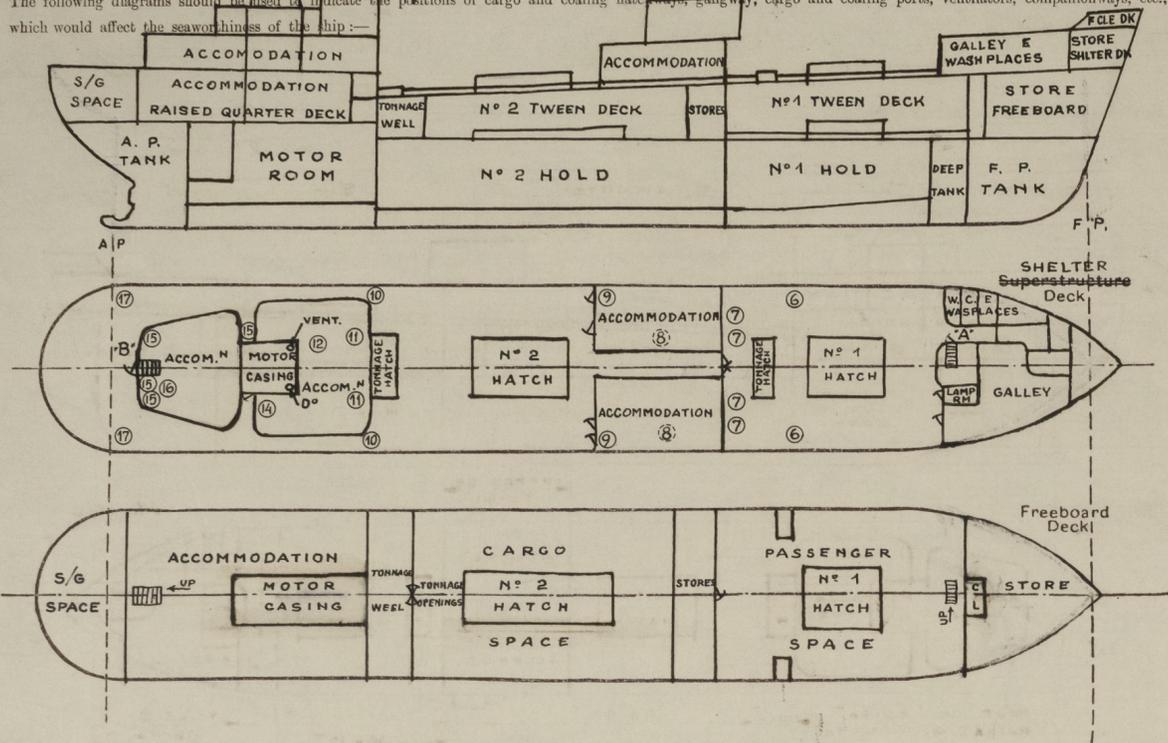
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	6.5 m/m	6.5 m/m	75 X 50 X 7 T	720 m/m	WELDED TOP & BOTTOM			2100 m/m
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...	6 m/m	5 m/m	75 X 50 X 7 T	720 m/m	WELDED TOP & BOTTOM			2100 m/m
Bridge, Forward Bulkhead ...	6 m/m	5 m/m	75 X 50 X 7 T	720 m/m	WELDED TOP & BOTTOM	915 X 1750	150 m/m	2100 m/m
Forecastle Bulkhead (SHELTER DECK)	7 m/m	6 m/m	75 X 50 X 7 T	700 m/m	WELDED TOP & BOTTOM	1e 610 X 1540 1e 700 X 1540	360 m/m	2100 m/m
Trunk, Aft TONNAGE WELL FOR ^D BND	6 m/m	5 m/m	65 X 100 X 7 T	720 m/m TO 550 m/m	WELDED TOP & BOTTOM	1200 X 1500	360 m/m	2100 m/m
Trunk, Forward ...				NONE				
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...				NOT EXPOSED				
Exposed Machinery Casings on Superstructure Decks ...				NOT EXPOSED				
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...				NONE				
UPPER BRIDGE BULKHEADS } FOR ^D	9 m/m	7.5 m/m	120 X 80 X 8 T	680 m/m	WELDED TOP	1200 X 1540		
Deckhouses on Flash Deck Ships } AFT	7 m/m	5.5 m/m	60 X 40 X 5 T	500 m/m	WELDED TOP & BOTTOM	3e 650 X 1540; 1e 610 X 1540	360 m/m	2100 m/m

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

Poop Bulkhead ...	NO OPENINGS
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ...	NO OPENINGS
Bridge, Forward Bulkhead ...	HINGED STEEL W.T. DOOR CAPABLE OF BEING OPERATED FROM BOTH SIDES
Forecastle Bulkhead (SHELTER DK).	TWO STEEL DOORS CAPABLE OF BEING OPERATED FROM BOTH SIDES
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ..	NOT EXPOSED
Exposed Machinery Casings on Superstructure Decks ...	NOT EXPOSED
Machinery Casings within Superstructures not fitted with Class I Closing Appliances TONNAGE WELL FOR ^D BND	
UPPER BRIDGE BULK ^{DS} FOR ^D	DOUBLE HINGED STEEL DOORS CAPABLE OF BEING OPERATED FROM BOTH SIDES
Deckhouses on Flash Deck Ships } ON SHELTER DECK } AFT	ONE STEEL DOOR & THREE WOOD DOORS ALL CAPABLE OF BEING OPERATED FROM BOTH SIDES

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangways, 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:-

MOTOR CASING OF STRONG STEEL CONSTRUCTION, EFFICIENTLY STIFFENED 500 mm ABOVE BOAT DECK
 FUNNEL STEPPED DIRECTLY ON CASING TOP.
 VENTILATORS - 2 @ 500 mm DIA X 10 mm THICK X 800 mm ABOVE CASING TOP
 E. R. SKYLIGHT OF STEEL STRONGLY CONSTRUCTED WITH HINGED STEEL FLAPS EFFICIENTLY SECURED

Particulars of Flush Bunker Scuttles:-

NONE

Particulars of Companionways:-

"A" DOOR GIVING ACCESS TO STAIRWAY LEADING TO TWEEN DECK PASSENGER SPACE
 STEEL HINGED DOOR 1540 mm X 680 mm SILL 610 mm HIGH.
 "B" DOOR IN POOP HOUSE GIVING ACCESS TO STAIRWAY LEADING TO CREWS' ACCOMMODATION
 HINGED WOOD DOOR 1540 mm X 610 mm SILL 360 mm HIGH.
 BOTH DOORS CAPABLE OF BEING OPERATED FROM BOTH SIDES.

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

DIST. N°	N°	M/M DIA	M/M THE	M/M HGI	POSITION	LEADING TO	DIST. N°	N°	M/M DIA	M/M THE	M/M HGI	POSITION	LEADING TO
1	1	155	7.5	910	FORECASTLE DECK	BOATSWAINS' STORE	13	2	300	M.V.	300	DYNAMO ROOM TOP	DYNAMO ROOM
2	1	250	8.0	2200	"	GALLEY	14	1	250	8.0	1500	BOAT DECK	PASSAGEWAY-CREWS' ACC.
3	1	250	8.0	2200	"	"	15	4	150	M.V.	200	"	ACCOMMODATION
4	6	200x30	GN	916	"	LAVATORIES, SHOWERS, ETC.	16	1	360	9.0	1500	"	CREWS' ACCOM. PASSAGE
5	2	305	8.5	2200	"	N°1 HOLD & TWEEN DK	17	2	150	M.V.	200	POOP DECK	STEERING GEAR SPACE
6	2	200x30	GN	760	SHELTER DECK	SHOWERS ETC.							
7	4	305	8.5	910	"	N°1 & 2 HOLDS & TWIN DECKS							
8	2	125	7.5	2550	BRIDGE DECK	STORE ROOMS							
9	4	150	M.V.	200	"	W.C & BATHROOMS							
10	2	150	M.V.	1000	SHELTER DECK	ENGINEERS' STORES							
11	2	305	8.5	2860	BOAT DECK	N°2 HOLD & TWEEN DK							
12	1	250	8.0	700	DYNAMO ROOM TOP	PASSAGEWAY-CREWS' ACC.							

VENTILATORS EFFICIENTLY SUPPORTED AS REQUIRED
 MIDSHIP ACCOMⁿ & ACCOMⁿ IN POOP VENTILATED BY MECHANICAL MEANS
 ALL VENTS SUPPLIED WITH G.S METAL CAPS AND CANVAS COVERS

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

N°	POSITION	M/M DIA	LEADING TO	N°	POSITION	M/M DIA	LEADING TO
1	FORECASTLE DECK	70	FORE PEAK TANK	2	SHELTER DECK	70	D.B. WING BALLAST TANKS
2	"	60	FRESH WATER TANK	2	POOP DECK	50	COFFERDAM
2	SHELTER DECK	70	N°1 D.B. TANK	2	"	50	ENG. RM. D.B. TANKS
2	"	70	DB. WING BALLAST TANK	2	"	50	ENG. RM. DRY TANKS
2	"	50	COFFERDAM	2	"	60	DRINKING WATER TANKS
1	"	70	D.B. OIL FUEL TANK	2	"	60	AFTER PEAK TANK
1	"	70	"	1	"	50	RUDDER TRUNK

AIR PIPES TO OIL TANKS FITTED WITH PERFORATED PLATES AND HINGED COVERS
 REMAINDER OF AIR PIPES FITTED WITH HINGED COVERS
 ALL HINGED COVERS SECURED BY SPRING CLIP
 ALL AIR PIPES 460 mm HIGH ABOVE WOOD DECK

Particulars of Gangway Cargo and Coaling Ports:-

NONE

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Particulars of Scuppers and Sanitary Discharge Pipes:-

ALL SANITARY DISCHARGES ARE FROM SPACES ABOVE FREEBOARD DECK AND DISCHARGE TO A COLLECTOR PIPE FITTED WITH A S.D.A.N.R. VALVE AT SHIPS' SIDE AND CONTROLLED FROM ACCESSIBLE POSITION ABOVE SHELTER DECK AND FITTED WITH INDICATORS
 DISCHARGES FROM SHOWER IN PASSENGER TWEEN DECK DISCHARGE TO DOUBLE BOTTOM COFFERDAM WHICH IS DRAINED BY BILGE PUMP.
 SCUPPERS FROM BOAT & UPPER BRIDGE DECK DISCHARGE ON POOP & LOWER BRIDGE DECKS RESPECTIVELY
 SCUPPERS FROM FORECASTLE, LOWER BRIDGE & POOP DECKS DISCHARGE TO COLLECTOR PIPES
 SCUPPERS FROM SHELTER DECK DISCHARGE DIRECTLY OVERBOARD.
 SCUPPERS FROM TWEEN DECK CLEAR OF MACHINERY SPACE DISCHARGE TO BILGES WITH S.D.A.N.R. VALVES CONTROLLED FROM ABOVE FREEBOARD DECK IN CARGO SPACE AND IN PASSENGER SPACE AT FREEBOARD DECK.
 SCUPPERS FROM RAISED QUARTER DECK DISCHARGE TO MOTOR ROOM BILGES AND ARE CONTROLLED BY S.D.A.N.R. VALVES AT RAISED QUARTER DECK.
 TONNAGE WELL AFT AND AFT END N°1 TWEEN DECK ARE FITTED WITH 2-6" S.D.A.N.R. VALVES CONTROLLED FROM AN ACCESSIBLE POSITION ABOVE SHELTER DECK AND FITTED WITH OPEN & SHUT INDICATORS.

Particulars of Side Scuttles:-

SIDE SCUTTLES FITTED ON SHELL IN WAY OF N°1 TWEEN DECK FORECASTLE, BRIDGE AND POOP OF BRASS STRONGLY CONSTRUCTED AND FITTED WITH HINGED DEADLIGHTS

Vertical distance of Sill of lowest Side Scuttle above top of keel 4.40 metres

Particulars of Guard Rails:-

GUARD RAILS ON FORECASTLE DECK, POOP DECK AND ON SHELTER DECK FORWARD AND AFT OF BRIDGE. 1000 mm HIGH 3 RAILS STANCHIONS SPACED 1300 mm 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
After Well ...	NONE	SEE GUARD RAILS ABOVE				
Forward Well ...						

State position of each freeing port ... (After Well:-)

(F. and A. position and height above deck edge) (Forward Well:-)

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:-

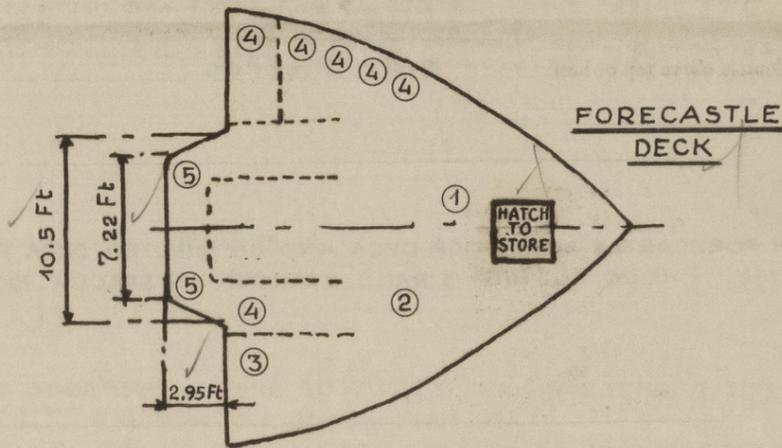
Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
SHELTER DECK					MAIN DECK		F'CLE DECK		
Description of Hatchway	N° 1 HATCH	N° 2 HATCH	TONNAGE HATCH FORWARD	TONNAGE HATCH AFT	N° 1 HATCH	N° 2 HATCH	HATCH TO STORE		
Dimensions of Hatchway	6050 x 3600	6050 x 3600	1200 x 3600	1200 x 3600	6050 x 3600	8116 x 3600	650 x 600		
COAMINGS	Height above Deck	760 mm	230 mm		540 mm	230 mm	200 mm		
	Thickness Sides	10.5 mm	230 x 90 x 11 B.A		10.5 mm	10.5 mm	200 x 75 x 9 B.A		
	Thickness Ends	10.5 mm			10.5 mm	10.5 mm			
	Stiffeners	180 x 75 x 8 B.A							
Brackets, Stays	180 x 8 BULB PLATE				8 mm bkts	8 mm bkts			
HATCH BEAMS	Number	5			5	7			
	Spacing	1000 mm			1000 mm	1100 mm			
	Scantling and Sketch								
Bearing Surface	75 mm				75 mm	75 mm			
FORE AND AFTERS	Number								
	Spacing			NONE		NONE			
Unsupported Lengths									
Scantling* and Sketch									
Bearing Surface									
HATCH COVERS	Material	YANGWOOD		YANGWOOD		YANGWOOD		HINGED STEEL COVER, HEMP. PACKING SECURED BY TOGGLES	
	Thickness	63 mm		63 mm		63 mm			
	How fitted	F & A		F & A		F & A			
	Bearing Surface	65 mm		65 mm		65 mm			
Spacing of Cleats	600 mm		2 TARPULINS AND EFFICIENT TEMPORARY BATTENING ARRANGEMENT PROVIDED		600 mm				
Number of Tarpaulins	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:—



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.



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