

LLOYD'S REGISTER OF SHIPPING

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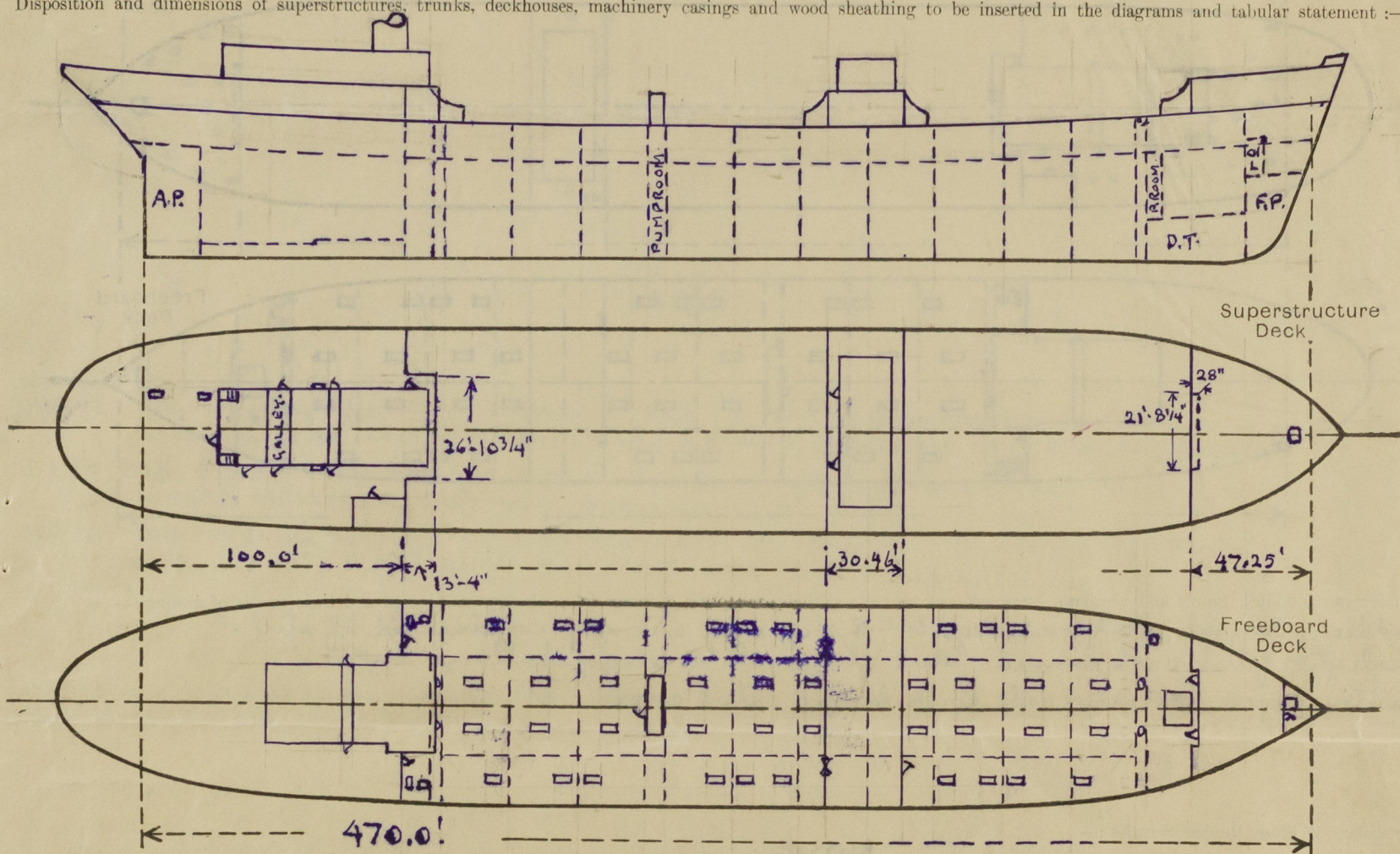
Index No. _____
(For London Office only.)SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)Ship's Name M/S "EKATERINA ALEXANDRA"Port of Survey Haugesund

Bgn.

Official Number _____

Surveyor's Signature S. A. Vide.Nationality and Port of Registry LIBERIAN, MONROVIA.Date of Survey 15th DECEMBER 1956.

Disposition and dimensions of superstructures, trunks, deckhouses, machinery casings and wood sheathing 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, Beam to Beam
Poop Bulkhead ...	.45" ✓	✓	9 3/4" x 3 1/2" x .55" ✓	32 1/2"-36"	BRACKETED TOP & BOTTOM.	2 @ 36" x 24"	4'-0" ✓	7'-9"
Raised Quarter Deck Bulkhead ...	✓	✓	✓	✓	✓	✓	✓	✓
Bridge, After Bulkhead ...	.30"	✓	6" x 3 1/2" x .50" ✓	36"	BRACKETED AT TOP.	2 @ 4'-11" x 36 3/4" 1 @ 5'-2" x 24"	21 1/2" 17"	7'-6"
Bridge, Forward Bulkhead ...	.45"	✓	9 3/4" x 3 1/2" x .55" ✓	36"	BRACKETED AT TOP LUGGED AT BOTTOM	1 @ 4'-11" x 36 3/4"	21 1/2" ✓	7'-6"
Forecastle Bulkhead ...	.30"	✓	3" x 2 1/2" x .35" ✓	36"	NONE.	2 @ 5'-5" x 24"	13 3/4"	7'-10"
Trunk, Aft ...	✓	✓	✓	✓	✓	✓	✓	✓
Trunk, Forward ...	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	FRONT .39 SIDES .40	✓	9 1/8" x 3 1/4" x .50" ✓ 11" x 3 1/4" x .51" ✓	36" 31"	✓	✓	✓	7'-6 1/2"
Exposed Machinery Casings on Superstructure Decks ...	.45"	✓	3" x 3" x .32" ✓ 6 1/4" x 3" x .50" ✓ 5" x 3" x .40" ✓	24"-26" 31"	BRACKETED AT TOP CONTINUOUS BELOW.	5 @ 5'-4" x 29 3/4" 2 @ 5'-3 1/2" x 24"	12" 12"	7'-3 1/2"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...								
Deckhouses and Pump Room Entrances	.40"	.40"	5" x 3" x .50" ✓	22"-37"	BRACKETED TOP & BOTTOM.	1 @ 5'-4" x 24"	11 1/2"	7'-6"

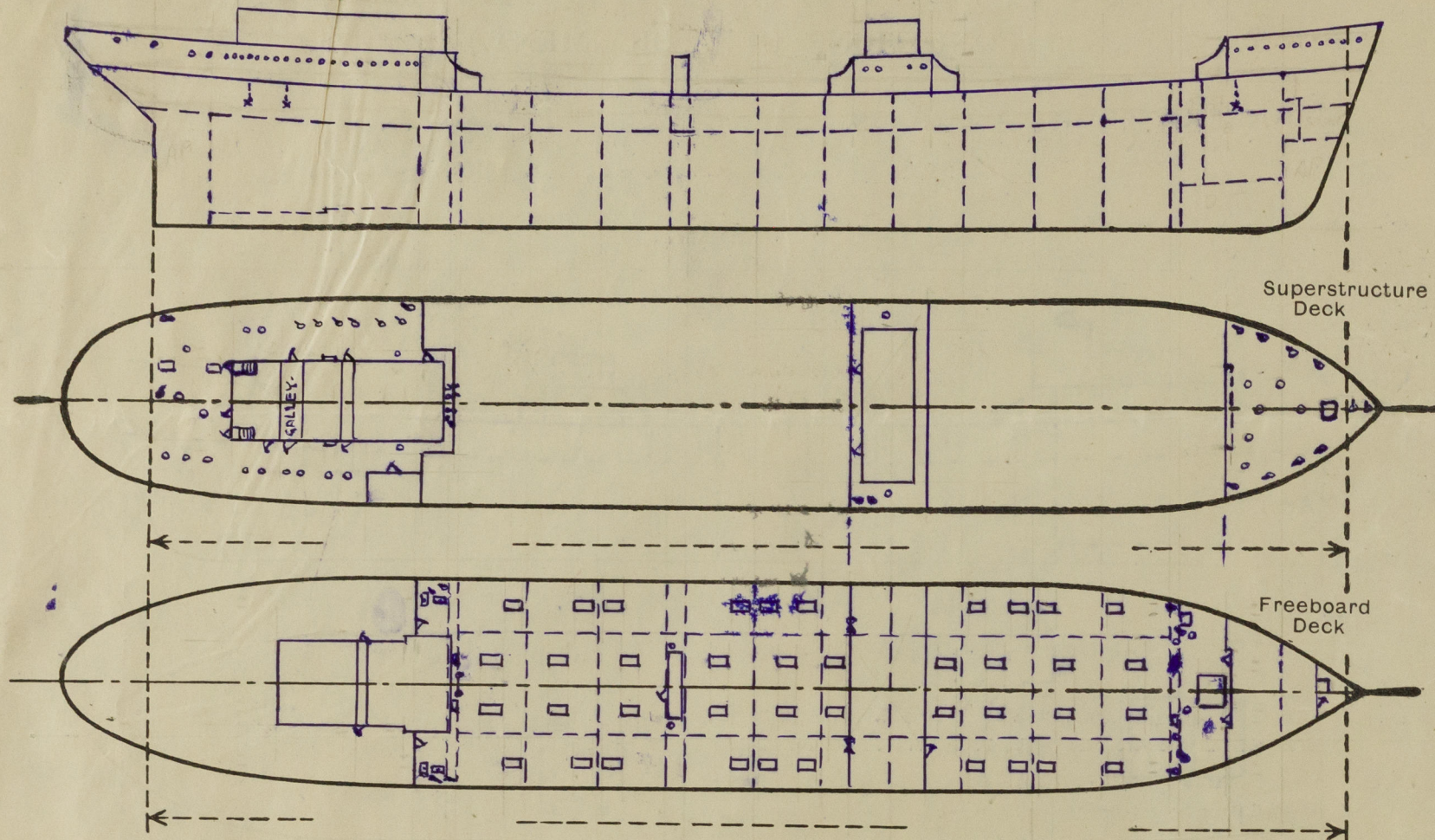
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	Hinged steel door. Operated both sides (Class I) ✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	Portable plates secured by hook bolts spaced 15" apart (Class II) ✓ Hinged steel door to lamp locker. Operated both sides. ✓
Bridge, Forward Bulkhead ...	Hinged steel door. Operated both sides (Class I) ✓
Forecastle Bulkhead ...	Hinged steel doors. Operated both sides (Class II) ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks ...	Hinged steel doors ✓ Hinged wood doors (1 3/4" thick teak) } Operated both sides. ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	
Deckhouses and Pump Room Entrances	Hinged steel door. Operated both sides ✓

E. katerini Alexandr

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 :-

Fiddle, funnel, vent coamings & E.R. skylight strongly constructed of steel
Skylight fitted with hinged steel flaps with strong bullseye lights
Fiddle openings provided with hinged steel covers

Particulars of Flush Bunker Scuttles :-

NONE

Particulars of Companionways :-

(including those incorporated in deckhouses and masthouses)

Companionway enclosed in strong steel deckhouse on poop
Hinged teak doors (1 3/4" thick) fitted. Operated both sides 5'-4" x 28". Sill 12 1/2"

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

ON FORECASTLE DECK:-					
1 - 14"	DIA. COWL VENT. COAMING	32" x .40"	TO CARGO HOLD.		
2 - 11"	" " " " "	26" x .30"	" CREW SPACE.		
2 - 7"	" " " " "	32" x .30"	" " "		
1 - 5 1/2"	" " " " "	32" x .30"	" " "		
4 - 4"	GOOSENECK VENTS	5 1/2" HIGH	TO " & CHAIN LOCKER		
1 - 3"	" " " " "	12" " "	" " "		
2 - 2 1/2"	" " " " "	4" " "	" " "		
ON FOREDECK:-					
1 - 14"	DIA. COWL VENT. COAMING	6' 0" x .50"	CARGO HOLD.		
3 - 7 1/2"	" " " " "	30" x .30"	PUMPROOM FORWARD & COFFERDAM		
2 - 16"	" " " " "	7' 0 1/2" x .40"	" STAYED TO PUMPROOM.		
2 - 8"	" " " " "	11' 2" x .30"	COFFERDAM, STAYED TO POOP FRONT.		
ON AFT DECK:-					
2 - 13"	" " " " "	7' 0" x .30"	CREW SPACE.		
ON POOP DECK:-					
2 - 10"	" " " " "	36" x .30"	" " "		
1 - 6 1/2"	" " " " "	30" x .30"	" " "		
12 - 5 1/2"	" " " " "	31" x .28"	" " "		
ON BRIDGE DECK:-					
6 - 3 1/2"	GOOSENECK VENTS	6 1/2" HIGH	" " "		
2 - 9"	COWL VENTS	36" x .30"	TWOBDECKSPACE.		
2 - 3 1/2"	GOOSENECK VENTS	12" 7" HIGH	" " "		

COWL AND GOOSENECK VENTS FITTED WITH WOOD PLUGS AND CANVAS COVERS

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

ON FORECASTLE DECK:-					
1 - 4"	DIA. x 20 1/4" HIGH	TO R.P. TANK			
ON FOREDECK:-					
2 - 4"	DIA. x 20"	HIGH TO DEERTANK			
2 - 3 1/2"	" x 18"	" COFFERDAM.			
ON AFTERDECK:-					
4 - 5 1/2"	DIA. x 7' 5"	HIGH TO BUNKERTANKS			
		EFFICIENTLY STAYED TO BULWARK			
2 - 4"	DIA. x 21 1/2"	TO COFFERDAM.			
4 - 2"	" x 18 1/2"	ABOVE TANKLID TO BUNKERTANKS.			
O.F. TANK AIRPIPES PROVIDED WITH WIRE GAUZE & CANVAS COVERS, REMAINDER WITH WOOD PLUGS.					
ON POOP DECK:-					
2 - 2"	DIA. x 20"	HIGH TO D.B. COFFERDAM.			
2 - 2"	" x 17"	" BOILER FUEL TANK			
2 - 2 1/2"	" x 16 1/2"	" D.B. TANK NO. 1.			
5 - 3"	" x 17"	31 1/2" HIGH TO BOTTOM TANKS AND SETTLING TANKS			
ON BRIDGE DECK:-					
1 - 4"	" x 20"	HIGH TO R.P. TANK			
1 - 6"	" x 17"	" " "			
1 - 2 1/2"	DIA. HIGH	TO R.W. TANK IN BRIDGESPACE.			

Particulars of Gangway Cargo and Coaling Ports :-

NONE

Screw down N.R.

.13 B = 8.35

Particulars of Scuppers and Sanitary Discharge Pipes :-

1 - 2 1/2" scupper from forecastle led overboard 7' 6" below freeboard decks with cast iron storm valve at shipside with brass fittings, starboard side.
4 on port side and 2 on starboard side 2 1/2" & 3" scuppers from poop accommodation led overboard 18" - 7' 6" below freeboard decks with cast iron storm valves at shipside with brass fittings.

Screw down N.R. & two automatic N.R. valves

Particulars of Side Scuttles & Deadlights :-

44 - 10" DIA. OPENING GUNMETAL SIDE SCUTTLES TO POOP ACCOMMODATION AND STEERING GEAR COMPARTMENT (P. & S.) & HINGED MALLEABLE CAST IRON DEADLIGHTS.
6 - 10" DIA. OPENING GUNMETAL SIDE SCUTTLES TO BRIDGESPACE (P. & S.) WITH HINGED MALLEABLE CAST IRON DEADLIGHTS.
18 - 10" DIA. OPENING GUNMETAL SIDE SCUTTLES TO FORECASTLE ACCOMMODATION AND STORES (P. & S.) WITH MALLEABLE CAST IRON DEADLIGHTS.

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

None below freeboard decks.

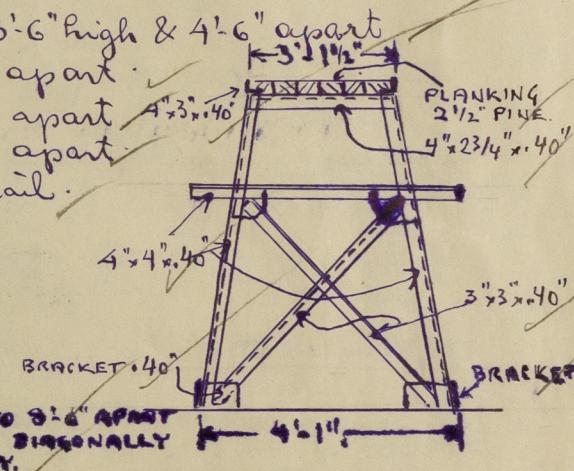
Distance from amidships to centre of lowest Side Scuttle

Particulars of Guard Rails & Bulwarks :-

Freeboard decks:- 3 guard rails with stanchions 3' 6" high & 4' 6" apart
Forecastle deck:- 3 guard rails with stanchions 3' 8" high & 4' 0" apart
Poop Deck:- 3 guard rails with stanchions 3' 7" high & 3' 4" apart
Gangways:- 2 guard rails with stanchions 3' 4" high & 4' 0" apart
Bridge deck:- Strongly constructed bulwark 4' 1" high with teak top rail.

Particulars of Gangways, Lifelines, etc. :-

Gangway fitted between forecastle and bridge and between bridge and poop



GANGWAY SUPPORTS 7' 8" TO 8' 6" APART
R.A. BRACING 3' 3" x .40" DIAGONALLY
FITTED AT ALTERNATE BAY.

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 ...	✓	✓	✓	✓	✓	✓
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.										
ON FREEBOARD DECK ABAFT FORECASTLE										
Description of Hatchway	20 FOR SUMMERTANKS	20 FOR MAIN TANKS	2 FOR OIL FUEL CROSSBUNKER	2 FOR BOILER O.F. TANK	1 FOR PUMPROOM FORWARD	1 INSIDE FORECASTLE TO R.P. SPACE	1 TO COFFERDAMS	ON FORECASTLE TO R.P. SPACE	ON POOP DECK TO STORES BELOW	
Dimensions of Hatchway	12'-0" x 9'-6"	5'-11 1/2" x 35 1/4"	5'-11 1/2" x 35 1/4"	38 5/8" x 23"	30" x 32"	34 3/4" x 31 3/4"	3'-11 1/2" x 3'-11 1/4"	17 3/4" x 25 1/2"	36" x 30 1/2"	2'-0" x 3'-0"
COAMINGS	Height above Deck	32" ✓	32" ✓	32" ✓	32" ✓	32" ✓	32" ✓	9" ✓	21 1/2" ✓	20 3/4" ✓
	Thickness { Sides	.45" ✓	.40" ✓	.40" ✓	.40" ✓	.40" ✓	.40" ✓	.40" ✓	.32" ✓	.30" ✓
	Thickness { Ends	.45" ✓	.40" ✓	.40" ✓	.40" ✓	.40" ✓	.40" ✓	.40" ✓	.32" ✓	.30" ✓
	Stiffeners { Sides	7 1/4" x 3 1/4" x 50" ✓	✓	✓	✓	✓	✓	✓	✓	✓
HATCH BEAMS	Number	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Spacing	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Scantling and Sketch	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Bearing Surface	✓	✓	✓	✓	✓	✓	✓	✓	✓
FORE AND AFTERS	Number	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Spacing	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Unsupported Lengths	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Scantling* and Sketch	✓	✓	✓	✓	✓	✓	✓	✓	✓
HATCH COVERS	Material	STEEL .40" ✓	STEEL .45" ✓	STEEL .45" ✓	STEEL .45" ✓	STEEL .45" ✓	PINE 2 3/8" ✓	STEEL .40" ✓	STEEL .30" ✓	STEEL .30" ✓
	Thickness	✓	✓	✓	✓	✓	✓	✓	✓	✓
	How fitted	W.T. SECURED WITH CLIPS 13 1/2" APART	W.T. HINGED BY 14 CLIPS	W.T. SECURED BY 14 CLIPS	W.T. SECURED BY 8 CLIPS	W.T. SECURED BY 8 CLIPS	THWARTSHIP 3" ✓	W.T. SECURED BY 6 CLIPS	HINGED SECURED BY CLIPS	HINGED SECURED BY CLIPS
	Bearing Surface	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spacing of Cleats	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Number of Tarpaulins	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
<p>*Are wood fore and afters steel shod at all bearing surfaces? ✓</p> <p>Are battens and wedges efficient and in good condition? ✓</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? ✓</p> <p>Are lashings provided in accordance with rule requirements? ✓</p> <p>Are wood covers fitted with galvanised end bands? ✓</p>										

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

SKYLIGHTS:- Strong steel skylight fitted at top of pumproom abaft bridge with hinged steel watertight covers and having two strong Bulboeye lights each.

Strong steel skylight fitted port and starboard side on poopdeck against engineroom casing and having three strong hinged bulboeye lights each with gunmetal frame and secured with strong clips. Height of sill 11" above deck.

Existing Norwegian Freeboards (N.V.)

TROPICAL 6'-8" (2031) FROM TOP OF DECKLINE. 7" (178MM) ABOVE S.

SUMMER 7'-3" (2209) " " " " 7" (178MM) ABOVE S.

WINTER 7'-10" (2387) " " " " 7" (178MM) BELOW S.

WINTER NORTH ATLANTIC 8'-2 1/2" (2501) " " " " 11 1/2" (292MM) -" S.

FRESH WATER ALLOWANCE FOR ALL FREEBOARDS 8" (203MM).

PORT OF BERGEN
18th. December 1956
S. A. Bide

