

AMENDED REPORT

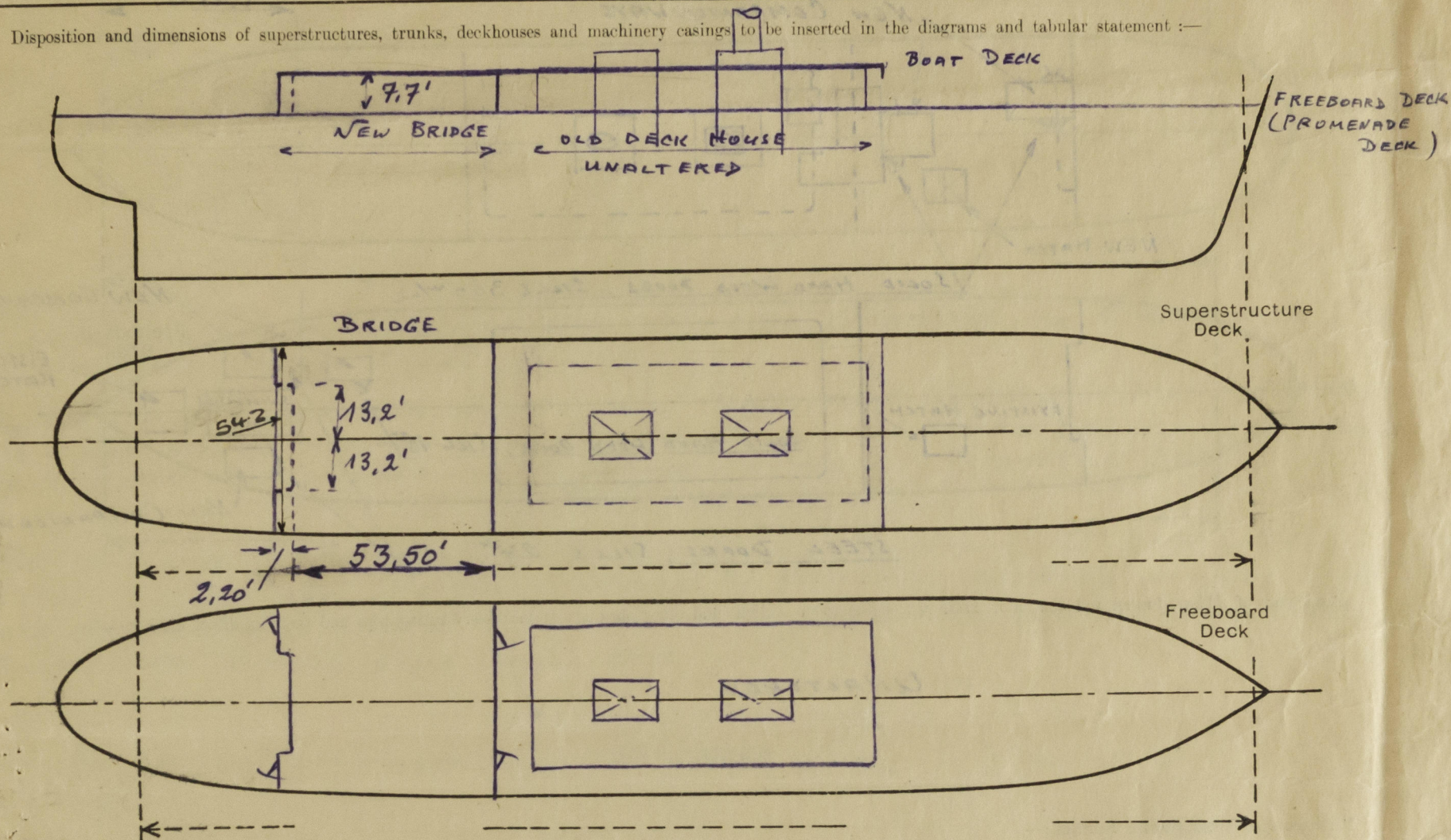
Rpt. C.11.

Index No. _____
(For London Office only.)

Lloyd's Register of Shipping. SURVEYS FOR FREEBOARD. (CONDITIONS OF ASSIGNMENT.)

Ship's Name "AROSA KULM" (EX-PROTEA) Port of Survey BREMERHAVEN
Official Number _____ Surveyor's Signature Al. J. Bouly
Nationality and Port of Registry PANAMANIAN - PANAMA Date of Survey DECEMBER, 1952

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 m/m	Stiffeners m/m	Spacing m/m	End Attachments of Stiffeners	Size of Openings m/m	Height of Sills m/m	Height of Casings FEET
Poop Bulkhead ...	/	/	/	/	/	/	/	/
Raised Quarter Deck Bulkhead ...	/	/	/	/	/	/	/	/
Bridge, After Bulkhead ...	NONE	7 $\frac{1}{2}$ "	9 140 x 8	650 ÷ 670	E.W. ✓	1700 x 800	460	7.7'
Bridge, Forward Bulkhead...	NONE	5 $\frac{1}{2}$ "	9 80 x 6	610 ÷ 675	E.W.	1860 x 1200	200	7.7'
Forecastle Bulkhead...	/	/	/	/	/	/	/	/
Trunk, Aft ...	/	/	/	/	/	/	/	/
Trunk, Forward ...	/	/	/	/	/	/	/	/
Exposed Machinery Casings on Freeboard or Raised Quarter Decks...	ENCLOSED BY STRONGLY BUILT STEEL DECK HOUSE ✓						/	/
Exposed Machinery Casings on Superstructure Decks ...	/	/	/	/	/	/	/	/
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	/	/	/	/	/	/	/	/
Deckhouses on Flush Deck Ships ...	STEEL OF SUBSTANTIAL CONSTRUCTION ✓						/	/

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

Poop Bulkhead ...	/
Raised Quarter Deck Bulkhead ...	/
Bridge, After Bulkhead ...	HINGED STEEL (7 $\frac{1}{2}$ " W.T. DOOR, CAPABLE OF BEING OPERATED FROM BOTH SIDES. ✓
Bridge, Forward Bulkhead ...	HINGED STEEL W.T. DOOR (7 $\frac{1}{2}$ " CAPABLE OF BEING MANIPULATED FROM BOTH SIDES. ✓
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 ...	/
Deckhouses on Flush Deck Ships ...	/

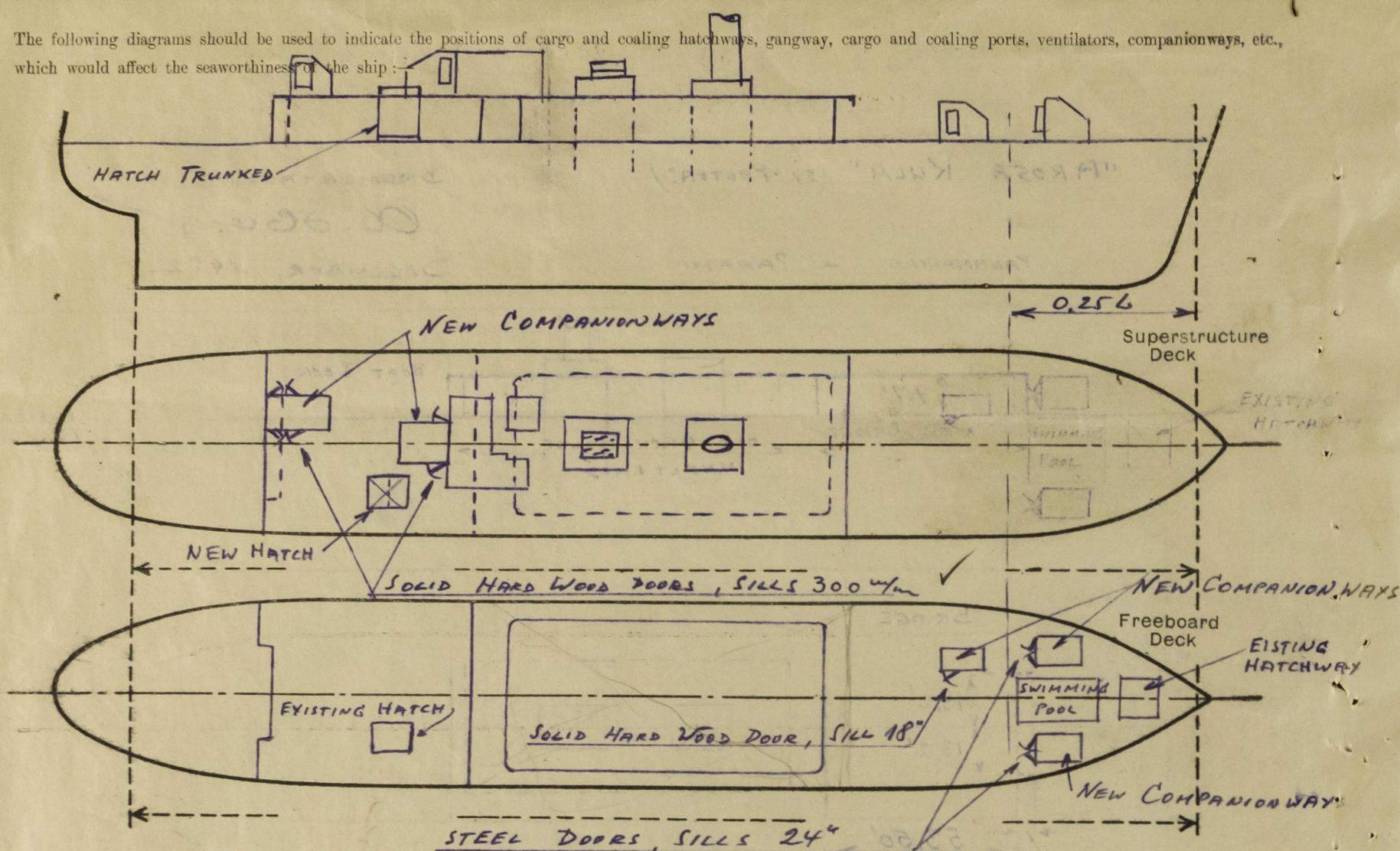


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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, ventilators, companionways, etc., which would affect the seaworthiness of the ship:



Particulars of fidley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

UNALTERED ✓

Particulars of Flush Bunker Scuttles:—

NONE ✓

Particulars of Companionways:— a) ON FREEBOARD DECK, 3, AND 6) ON BRIDGE DECK, 2, NOW FITTED. ALL OF STEEL, 6" mm, ELECTRIC WELDED AND SUBSTANTIALLY STIFFENED AND EFFECTIVELY SECURED TO THE DECK. DOORS AND SILLS AS PER RULE (SEE ABOVE) AND CAPABLE OF BEING OPERATED FROM BOTH SIDES. ✓

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

VENTILATOR COAMINGS IN EXPOSED POSITION ON FREEBOARD DECK OF SUBSTANTIAL CONSTRUCTION AS PER RULE AND EFFICIENTLY SECURED TO THE DECK BY E.W. AND STIFFENED OR SUPPORTED AS REQUIRED. HEIGHT OF COAMINGS 36" FOR THE FORWARD 0.256 AND FOR THE REMAINDER 30" to 36" ✓

ALL COAMINGS HAVE EFFICIENT MEANS OF CLOSING TO RULE REQUIREMENTS ✓

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

ALL AIR PIPES ARE OF SUBSTANTIAL CONSTRUCTION. HEIGHT 18" to 30" ABOVE DECK AND HAVE EFFICIENT MEANS OF CLOSING. ✓

Particulars of Gangway Cargo and Coaling Ports:—

NONE ✓

Particulars of Scuppers and Sanitary Discharge Pipes:—

SEE BELOW: ✓

Particulars of Side Scuttles:—

SCUPPERS AND SANITARY DISCHARGES FROM ADDITIONAL LAVATORIES ON C DECK ARE LED TO A SPECIAL SEWAGE TANK. ✓

SCUPPERS AND SANITARY DISCHARGES FROM ADDITIONAL LAVATORIES ETC. ON B-DECK ARE FITTED WITH ~~(2) AUTOMATIC NON RETURN VALVES, THE UPPER BEING IN A POSITION WHICH IS ALWAYS ACCESSIBLE FOR EXAMINATION, ALL OF APPROVED TYPE.~~ ✓
SCREW DOWN CONTROLS FROM 'A' DECK (SEE BREMEN LTR. OF 1-4-54) ✓

2 SIDE SCUTTLES (APS, ISS) ADDITIONALLY FITTED FORWARD ON C-DECK (NEW CREWS' ACCOMMODATION) STRONGLY BUILT OF APPROVED MATERIAL OF SAME TYPE (NOT OPENING TYPE) AS EXISTING IN DEPARTMENT CII, CIII AND CIV AND AT SAME LEVEL FITTED WITH HINGED STEEL DEADLIGHTS. ✓

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

UNALTERED ✓

Particulars of Guard Rails:—

OPEN RAIL ON FREEBOARD DECK AND BRIDGE DECK OF SUBSTANTIAL CONSTRUCTION ✓

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 ...	/	/	/	/	/	/
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. ✓

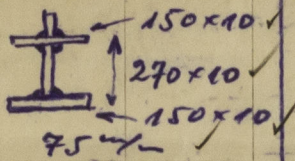


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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.			
		NEW	EXISTING
Description of Hatchway ...		HATCHWAY ON BRIDGE	HATCHWAY ON PROMENADE DECK
Dimensions of Hatchway L x B in ft ...		3370 x 2600 ft	3370 x 2600 ft
COAMINGS	Height above Deck ...	600 ft	TRUNKED FROM BRIDGE DECK TO PROMENADE DECK
	Thickness { Sides ...	11 ft	PLATING 6" ft
	{ Ends ...	11 ft	STIFFENERS 9 1/4 x 8 ft SPACED 680 ft
	Stiffeners ...	YES 180 x 10 IN.	
Brackets, Stays ...		ONE	
HATCH BEAMS	Number ...	ONE	
	Spacing ...	1685 ft	
	Scantling and Sketch ...		
	Bearing Surface ...	75 ft	
FORE AND AFTERS	Number ...	NONE	NONE
	Spacing ...		
	Unsupported Lengths ...		
	Scantling* and Sketch ...		
Bearing Surface ...			
HATCH COVERS	Material ...	WOOD	
	Thickness ...	2 1/2"	
	How fitted ...	F. & A.	
	Bearing Surface ...	2 1/2"	
Spacing of Cleats ...		24"	
Number of Tarpaulins ...		2	
<p>*Are wood fore and afters steel shod at all bearing surfaces? NONE</p> <p>Are battens and wedges efficient and in good condition? YES</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? YES</p> <p>Are lashings provided in accordance with rule requirements? YES</p>			

Particulars of any special features:—

FREEBOARD DECK STEPPED IN WAY OF BRIDGE:

