

Lloyd's Register of Shipping.

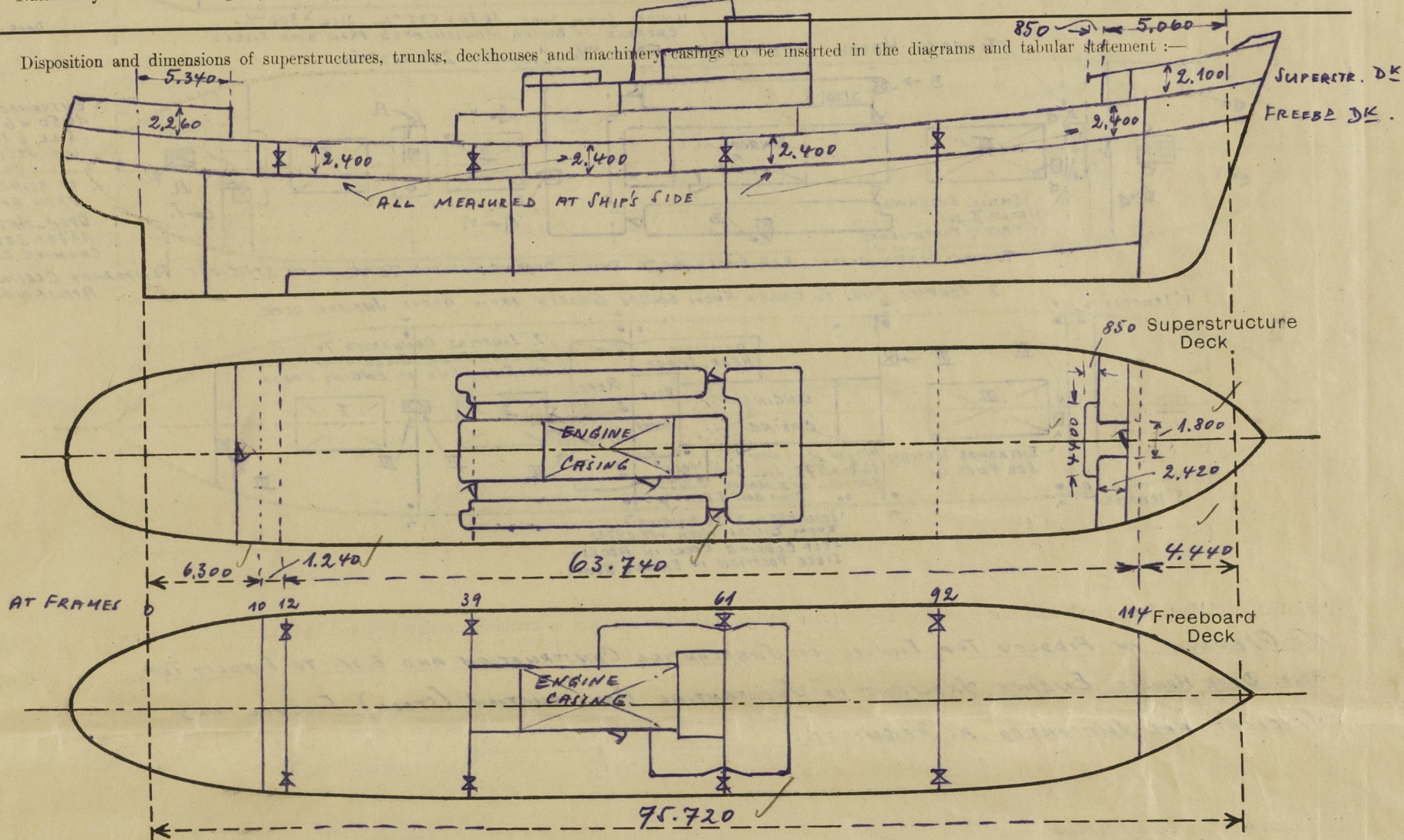
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

22 SEP 1955

not need
Hd 26.9.55DIMENSIONS METRIC

Ship's Name TARAPACÁ Port of Survey BREMERHAVEN
 Official Number _____ Surveyor's Signature O. J. B. C. C. C.
 Nationality and Port of Registry CHILE VALPARAISO Date of Survey SEPTEMBER & OCTOBER, 1955



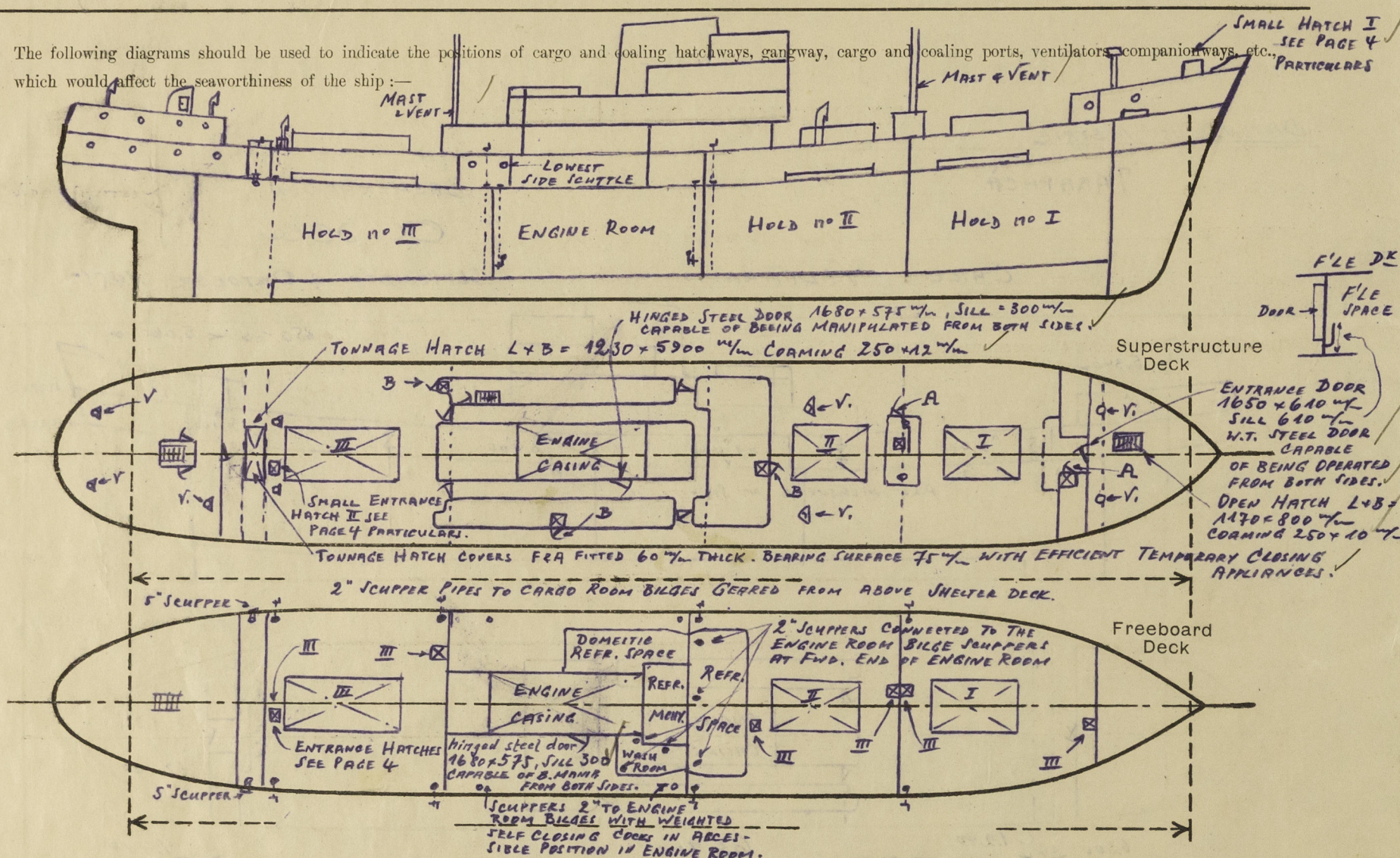
<u>METRIC DIMENSIONS:</u>		Particulars of Superstructures, Trunks, Casings, Deckhouses.							
		Coaming m/m	Plating m/m	Stiffeners m/m	Spacing m/m	End Attachments of Stiffeners	Size of Openings	Height of Sills m/m	Height of Casings m/m
Poop Bulkhead	(UNDER SHELTER DECK)	NONE	6.5	B.P. 120x5.5	740	WELDED AT TOP AND BOTTOM	NONE	✓	2.400
Raised Quarter Deck Bulkhead	...	✓	✓	✓	✓	✓	✓	✓	✓
Bridge, After Bulkhead	(UNDER SHELTER DECK)	NONE	6.5	B.P. 120x5.5	740	WELDED AT TOP AND BOTTOM	2 TONN. OPEN 1300x950	600	2.400
Bridge, Forward Bulkhead	...	✓	✓	✓	✓	✓	✓	✓	✓
Forecastle Bulkhead	(UNDER SHELTER DECK)	NONE	6.5	B.P. 140x8.0 B.P. 120x5.5	600	WELDED AT TOP AND BOTTOM	NONE	✓	2.400
Trunk, Aft	...	✓	✓	✓	✓	✓	✓	✓	✓
Trunk, Forward	...	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	...	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Superstructure Decks	...	ENCLOSED BY STRONGLY BUILT STEEL DECK HOUSE.					✓	✓	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	...	300x8.0	5.0	B.P. 80x5.5	625	WELDED AT TOP AND BOTTOM	1650x610	300	2.400
Deckhouses on Flush Deck Ships	...	✓	✓	✓	✓	✓	✓	✓	✓

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

Poop Bulkhead (UNDER SHELTER DECK)	INTACT BULKHEAD. ✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead (UNDER SHELTER DECK)	TWO TONNAGE OPENINGS CLOSED BY PORTABLE STEEL PLATES WITH HOOK BOLTS. ✓
Bridge, Forward Bulkhead ...	✓
Forecastle Bulkhead (UNDER SHELTER DECK)	INTACT 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 DOOR CAPABLE OF BEING MANIPULATED FROM BOTH SIDES.
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 fiddley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:

NO OPENINGS IN FIDDLER TOP, FUNNEL OF SUBSTANTIAL CONSTRUCTION AND E.W. TO FIDDLER TOP. REFR. DECK HOUSES. ENGINE SKYLIGHT OF SUBSTANTIAL CONSTRUCTION (STEEL) FUNNEL AND SKYLIGHT ARE SUPPORTED AS REQUIRED.

Particulars of Flush Bunker Scuttles:

NONE

Particulars of Companionways:

1 DOOR - ENTRANCE TO FORECASTLE SPACE - STEEL W.T. DOOR 1650 x 640 mm, SILL 610 mm.
2 DOORS "A" - ENTRANCES TO CARGO HOLDS NO I AND II - STEEL W.T. DOORS 1350 x 640 mm, SILL 610 mm.
3 DOORS "B" - ENTRANCES TO CARGO HOLDS NO II AND III AND E.R. - STEEL W.T. DOORS 1500 x 640 mm, SILL 460 mm.
3 DOORS "C" - ENTRANCES TO AFT ACCOMMODATIONS - STEEL W.T. DOORS 1500 x 650 mm, SILL 460 mm.
ALL DOORS ARE OF SUBSTANTIAL CONSTRUCTION AND CAPABLE OF BEING OPERATED FROM BOTH SIDES. NO OTHER DOORS GIVE ACCESS TO UNPROTECTED DECK OPENINGS.

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

ALL VENTILATOR COAMINGS ON FORECASTLE, SHELTERDECK AND POOPDECK ARE OF SUBSTANTIAL CONSTRUCTION OF RULE HEIGHT AND MORE HEIGHT AND SUPPORTED AS REQUIRED. WOOD PLUGS AND CANVAS COVERS ARE PROVIDED FOR CLOSING THEIR OPENINGS. VENT. COAMINGS ARE WELDED TO DECK PLATING.

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

ALL AIR PIPES ON FORECASTLE, SHELTER DECK AND POOPDECK ARE OF SUBSTANTIAL CONSTRUCTION. OPENINGS ARE 460 mm AND MORE ABOVE DECK AND SUPPORTED WHERE NECESSARY. THE AIR PIPES ARE WELDED TO DECK PLATING. EFFECTIVE CLOSING APPLIANCES ARE PROVIDED FOR ALL AIR PIPE OPENINGS.

Particulars of Gangway Cargo and Coaling Ports:

NONE

Particulars of Scuppers and Sanitary Discharge Pipes: 2 SCUPPERS EACH 5" DIAM. FITTED FROM TONNAGE WELL TO OUTBOARD (1-PS, 1-SS) WITH SCREW DOWN VALVES GEARED FROM ABOVE SHELTER DECK WITH OPEN-SHUT INDICATORS. 8 SCUPPER PIPES EACH 2" DIAM. FITTED FROM SHELTER TWEEN DECKS NOS. 1, 2 AND 3 (4-PS, 4-SS) TO THE CARGO HOLD BILGES AND ALL GEARED TO AN ACCESSIBLE POSITION ABOVE SHELTERDECK WITH OPEN-SHUT INDICATORS. 4 SCUPPER PIPES EACH 2" DIAM. FITTED FROM SHELTER TWEEN DECK AMIDSHIPS TO THE ENGINE ROOM BILGES (2-PS, 2-SS) IN ACCESSIBLE POSITION AND PROVIDED WITH WEIGHTED SELF CLOSING COCKS AT THE LOWER ENDS. 3 SCUPPER PIPES FROM REFRIG. CARGO SPACE IN SHELTER TWEENDECK AT FRAME 61-69, EACH 2" DIAM., 3 SCUPPER PIPE FROM DOMESTIC REFR. SPACE IN SHELTER TWEENDECK ON PORT SIDE AT FRAME 51-61, EACH 2" DIAM., 1 SCUPPER PIPE FROM REFR. MACHINERY SPACE AT FRAME 56-64 IN SHELTER TWEENDECK AND 4 SCUPPERS REFR. WASH WATER DISCHARGES FROM SHOWER & WASH ROOM ON STARBOARD SIDE FRAME 56-64 IN SHELTER TWEENDECK ARE COMBINED WITH THE ABOVE 2" DIAM. SCUPPER PIPES FROM SHELTER TWEENDECK AMIDSHIPS IN WAY OF ENGINE ROOM AND DRAIN ALL IN THE FWD. ENGINE ROOM BILGE WITH THE ABOVE REPORTED SELF CLOSING COCKS AT LOWER ENDS. ALL OTHER SCUPPERS AND SANITARY DISCHARGES ARE FROM SPACES ABOVE SHELTERDECK. THEY ARE LED TO OUTBOARD ABOVE SHELTER TWEENDECK WITH STORM VALVES AS PER RULE. ALL PIPES ARE OF STRONG GALVANIZED STEEL.

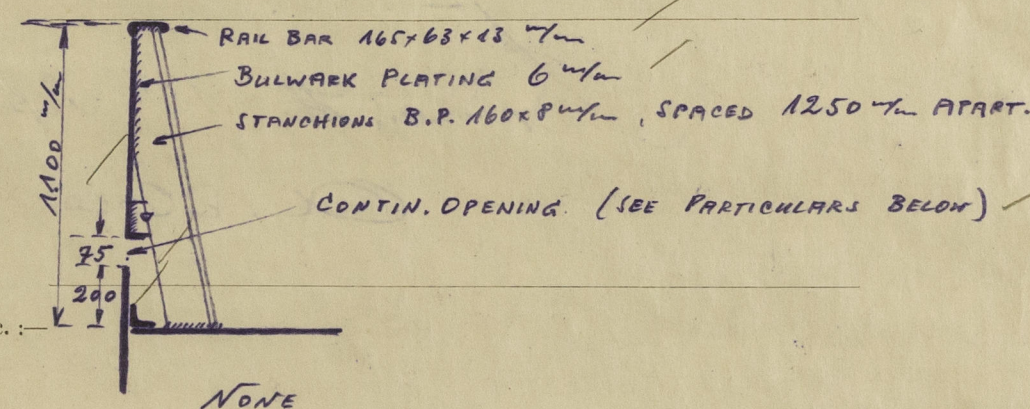
Particulars of Side Scuttles:

SIDE SCUTTLES ARE FITTED IN FORECASTLE SPACE, POOP SPACE AND SHELTER TWEENDECK AMIDSHIPS & AFT. ALL SIDE SCUTTLES ARE OF SUBSTANTIAL CONSTRUCTION WITH HINGED STEEL DEAD LIGHTS.

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

6.10 m

Particulars of Guard Rails:



Particulars of Gangways, Lifelines, etc.:

NONE

DIMENSIONS METRIC		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 ... (34,000)	34,000 mm	1,100 mm	FRAME 15 1/2 - 31 1/2 = 10,000 x 75 mm FRAME 53 1/2 - 65 1/2 = 7,500 x 75 mm	2	75 + 1.313 = 1.388	1.032 m ² 1.22 m ²
Forward Well (31,000)	31,000 mm	1,100 mm	FRAME 69 1/2 - 102 1/2 = 20,625 x 75 mm	1	1.50	1.18 m ² .942 m ²

State position of each freeing port ... After Well: CONTIN. FROM FRAME 15 1/2 TO 31 1/2 AND 53 1/2 TO 65 1/2

(P. and A. position and height above deck edge) Forward Well: CONTIN. FROM FRAME 69 1/2 TO 102 1/2

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such: NO, NOT REQUIRED.

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

METRIC DIMENSIONS		HATCHWAYS ON FREEBOARD			AND SUPERSTRUCTURE DECK			SMALL HATCHWAYS		
		ON SHELTER DECK			ON FREEBOARD DECK			ON FORECASTLE	ON SHELTER DECK	ON FREEBOARD
Description of Hatchway		CARGO HATCHES			CARGO HATCHES			ENTRANCE HATCH	ENTRANCE HATCH	ENTRANCE HATCH
Dimensions of Hatchway		No 1	No 2	No 3	No 1	No 2	No 3			
		7.500	10.000	10.000	8.750	11.250	11.250	630 x 630	630 x 630	630 x 630
		5.900	5.900	5.900	5.900	5.900	5.900			
COAMINGS	Height above Deck	800	900	800	280	280	280	610	610	260
	Thickness	11	11	11	12	12	12	10	10	10
	Stiffeners	B.P. 240 x 11	240 x 11	240 x 11	NONE	NONE	NONE	NONE	NONE	NONE
	Brackets, Stays	2 STAYS	3 STAYS	3 STAYS	NONE	NONE	NONE	NONE	NONE	NONE
HATCH BEAMS	Number	MC. GREGOR HATCH COVERS			6	8	8	NONE	NONE	NONE
	Spacing	FITTED ACCORDING TO APPROVED PLAN 723-E AS FOLLOWS:			1250	1250	1250			
FORE AND AFTERS	Scantling and Sketch							NONE	NONE	NONE
	Bearing Surface	A=			75					
HATCH COVERS	Material	STEEL	STEEL	STEEL	PINE	PINE	PINE	STEEL W.T.	STEEL W.T.	STEEL W.T.
	Thickness	7.5	7.0	7.0	60	60	60	6	6	6
	How fitted	5 COVERS	6 COVERS	6 COVERS	F. & A.	F. & A.	F. & A.	2 HINGES	2 HINGES	2 HINGES AND
	Bearing Surface	SEE SKETCH ABOVE.			70	70	70	3 TOGGLES	3 TOGGLES	2 TOGGLES
Spacing of Cleats		NONE			600			NONE		
Number of Tarpaulins		NONE			1			NONE		

*Are wood fore and afters steel shod at all bearing surfaces? ALL WOODEN HATCH COVERS ARE PROTECTED AT ENDS BY GALV. STEEL BANDS, EFFICIENTLY SECURED.

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:— NONE.

Bremen, the 15th September, 1955
O. Hoyer