

Lloyd's Register of Shipping.

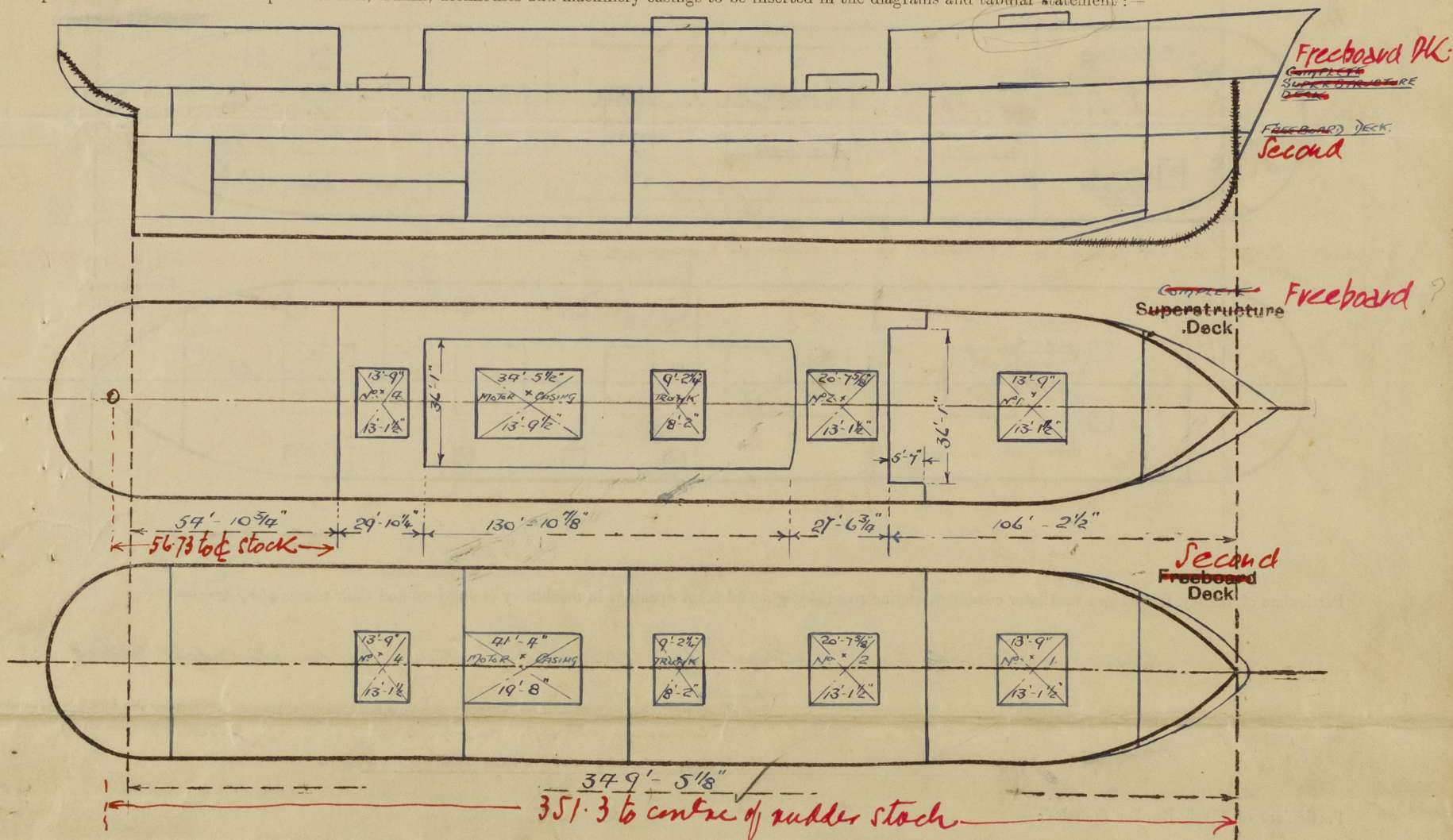
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

NWE382 6 MAY 1947

Index No. 3905-2
(For London Office only).Ship's Name *EMPIRE ALDE (EX PELIKAN)*Port of Survey *Hamburg*Official Number *✓*Surveyor's Signature *R. E. Fitchard*Nationality and Port of Registry *British, London.*Date of Survey *March 1947*

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.

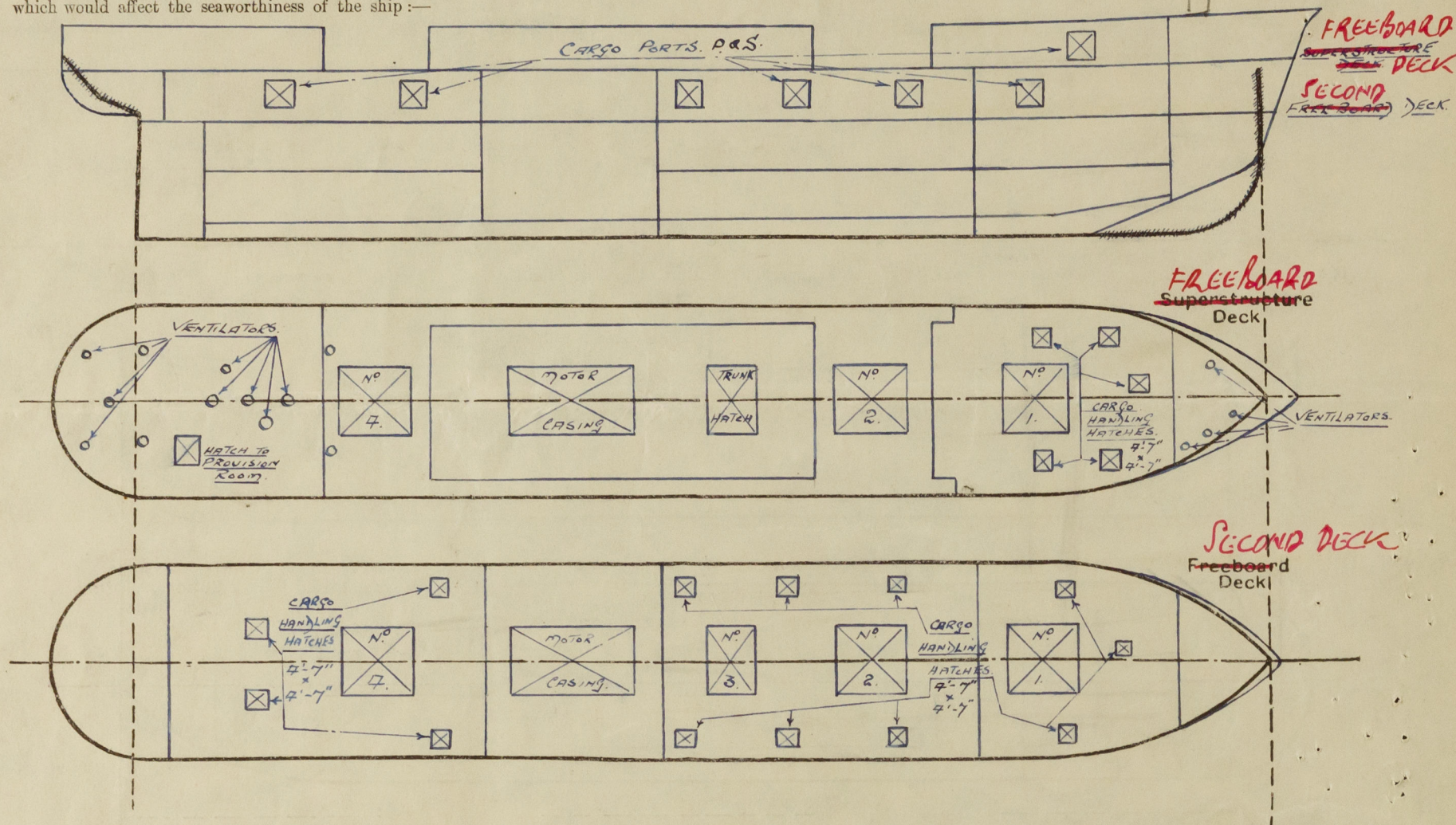
	Coaming mm	Plating mm	Stiffeners mm	Spacing mm	End Attachments of Stiffeners	Size of Openings mm	Height of Sills mm	Height of Casings mm
Poop Bulkhead ...	250 x 10	9.0	140 x 65 x 8	666	lugs	1550 x 770	450	2600
Raised Quarter Deck Bulkhead ...	✓	✓	✓	✓	✓	✓	✓	✓
Bridge, After Bulkhead ...	250 x 12	7.0	130 x 65 x 9	400	lugs	1635 x 700	350	2600
Bridge, Forward Bulkhead ...	250 x 12	9.0	180 x 90 x 9	470	lugs	✓	✓	2600
Forecastle Bulkhead ...	150 x 10	7.0	100 x 10	650	welded	1325 x 600	610	2600
Trunk, Aft ...	✓	✓	✓	✓	✓	✓	✓	✓
Trunk, Forward ...	✓	✓	✓	✓	✓	✓	✓	✓
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 ...	✓	✓	✓	✓	✓	✓	✓	✓

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

Poop Bulkhead ...	Two wood doors to crew's accommodation - manipulated from both sides	✓
Raised Quarter Deck Bulkhead ...	✓	✓
Bridge, After Bulkhead ...	Two wood doors to accommodation -	✓
Bridge, Forward Bulkhead ...	✓	✓
Forecastle Bulkhead ...	Two steel doors to fan room -	✓
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 ...	✓	✓

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

motor room skylight closed by efficient, strongly constructed steel hinged flaps.

*no fiddle openings. Funnel + vent coamings strongly constructed.
Opening in funnel fitted with hinged steel door operable both sides 5'6" x 23" with 12" sill.*

Particulars of Flush Bunker Scuttles:—

none.

Particulars of Companionways:—
on 4th deck:—ladderway to stow, strongly constructed of steel, with hinged steel w.t. door operable both sides, sill 21".
Deckhouse Amidsips:—access to E.R. strongly constructed of steel, hinged wood doors P+S operable from both sides. Sill 15".
Poop deck:—Tunnel Breeze, strongly constructed of steel, with hinged steel w.t. door operable both sides, sill 15".

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

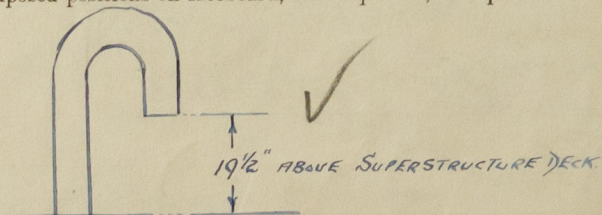
Poop deck 5 of 250 mm dia x 30" coaming x 5/16"
3 of 300 mm dia x 30" " " "
1 of 450 mm dia x 30" " " "
1 of 500 mm dia x 30" " " "

Upper deck 2 of 400 mm dia x 30" " x 5/16"

5 - 9 3/4" dia x 29" coaming x 5/16"
1 - 6" " x 29" " x 5/16"

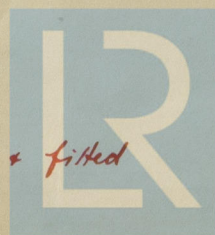
All ventilations have portable steel w.t. covers.

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



Wood plugs to air pipes from water ballast d.s. tanks.

Air pipes from nos 1, 2, + 3 d.s. (oil fuel) led up foremast + fitted with gauge.



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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway		FILED ⁴	FREEBOARD DECK.				BOAT DECK.		
Dimensions of Hatchway		N ^o I.	N ^o I. (UNFORECASTLE)	N ^o 2.	N ^o 4.	N ^o 3.			
		13'-9" x 13'-1 1/2"	13'-9" x 13'-1 1/2"	20'-7 5/8" x 13'-1 1/2"	13'-9" x 13'-1 1/2"	8'-2" x 9'-2 1/4"			
COAMINGS	Height above Deck	36"	NIL.	36"	32"	32"			
	Thickness	.43"	✓	.43"	.43"	.43"			
	Stiffeners	8" x 3" x 4 B.P.	✓	10" x 3 1/2" x 4 B.P.	8" x 3" x 4 B.P.	✓			
	Brackets, Stays	.4" B.P.	✓	.4" B.P.	.4" B.P.	✓			
HATCH BEAMS	Number	1.	1.	2.	1.	✓			
	Spacing	AFT = 7'-10 1/2"	DITTO.	AFT = 5'-11"	AFT = 7'-10 1/2"	✓			
	Scantling and Sketch	FOR = 5'-10 1/2" 3" x 3" x 4 1/2"	3" x 3" x 4 1/2"	MID = 7'-11" FOR = 6'-9 1/2" 3" x 3" x 4 1/2"	FOR = 5'-10 1/2" DITTO.	✓			
	Bearing Surface	3"	3" ✓	3"	3"	✓			
FORE AND AFTERS	Number								
	Spacing								
	Unsupported Lengths								
	Scantling* and Sketch								
Bearing Surface									
HATCH COVERS	Material	WOOD.	WOOD.	WOOD.	WOOD.	WOOD.			
	Thickness	3 3/4" & 3 1/4"	3 1/4"	3 3/4" & 3 1/4"	3 3/4" & 3 1/4"	4 1/4"			
	How fitted	F. & A.	F. & A.	F. & A.	F. & A.	F. & A.			
	Bearing Surface	3"	3"	3"	3"	3"			
Spacing of Cleats		20"	✓	24"	24"	22"			
Number of Tarpaulins		3.	✓	3.	3.	3.			
*Are wood fore and afters steel shod at all bearing surfaces? YES. 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

Freeboard deck! - efficient steel bulwarks (P+S) extending from forecastrc to poop.

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Particulars of Gangway Cargo and Coaling Ports:—

Empire Ade.

7 Cargo ports on each side 5'-6" x 4'-7" of strong construction,
above freeboard deck - closed watertight

Particulars of Scuppers and Sanitary Discharge Pipes:—

Overboard discharges (19 starboard, 13 port) fitted with storm valves.

Particulars of Side Scuttles:—

Hinged steel deadlights fitted to all ports in ship's sides.
Side scuttles of substantial construction.

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

Sill of lowest side scuttle 2'-8" below freeboard deck.

Particulars of Guard Rails:—

Freeboard deck:— efficient steel bulwarks (P+S) extending from forecastle to poop.
Forecastle:— Efficient steel bulwark at fore end extending 17' from stem (P+S). Guard rails abaft
this - stanchions 3'-8" high, spaced 4'-0" apart, - 3 tiers rails.
Boat deck:— Efficient guard rails fitted around deck, - stanchions 3'-8" high, spaced 5'-0" apart, - 3 tiers rails.
Poop deck:— Efficient " " " " " " 3'-8" " , " 4'-0" " , - 3 " "

Particulars of Gangways, Lifelines, etc.:—

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	193'-10"	3'-9 1/4"	2'-0" x 1'-2"	9	2139 sq. ft.	1928 1/2
Forward Well						
State position of each freeing port { After Well:— } Spaced between forecastle and poop. (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:— Shutters and rails.						
Additional area where sheer is less than standard.						



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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS. SECOND									
FREEBOARD DECK					FREEBOARD DECK				
Description of Hatchway	N ^o . 1	N ^o . 2	N ^o . 3	N ^o . 4	N ^o . 1	N ^o . 2	N ^o . 3	N ^o . 4	
Dimensions of Hatchway	13'-9"	20'-7 7/8"	8'-2"	13'-9"	13'-9"	20'-7 7/8"	8'-2"	13'-9"	
COAMINGS	Height above Deck	36"	36"	32"	32"	36"	36"	32"	32"
	Thickness	43"	43"	43"	43"	43"	43"	43"	43"
	Stiffeners	8 x 3 1/2 x 40 B.A. 270mm	270mm	270mm	200mm	270mm	270mm	270mm	270mm
	Brackets, Stays	40" B.P.	stays	stays	stays	stays	stays	stays	stays
HATCH BEAMS	Number	1	2	1	1	1	2	1	1
	Spacing	6'-10 1/4"	7'	6'-10 1/4"	6'-10 1/4"	7'-0"	6'-10 1/4"	6'-10 1/4"	6'-10 1/4"
	Scantling and Sketch	3 1/8" x 15 1/8" x 43"	75mm x 75mm x 10.5mm	75mm x 75mm x 10.5mm	75mm x 75mm x 10.5mm	75mm x 75mm x 10.5mm	75mm x 75mm x 10.5mm	75mm x 75mm x 10.5mm	75mm x 75mm x 10.5mm
	Bearing Surface	3"	3"	3"	3"	3"	3"	3"	3"
FORE AND AFTERS	Number	1	1	1	1	1	1	1	1
	Spacing	3 1/4"	3 1/4"	3 1/4"	3 1/4"	3 1/4"	3 1/4"	3 1/4"	3 1/4"
	Unsupported Lengths	2'-8"	2'-8"	2'-8"	2'-8"	2'-8"	2'-8"	2'-8"	2'-8"
	Scantling and Sketch	2 x 3 1/4"	2 x 3 1/4"	2 x 3 1/4"	2 x 3 1/4"	2 x 3 1/4"	2 x 3 1/4"	2 x 3 1/4"	2 x 3 1/4"
HATCH COVERS	Material	Steel	Steel	Wood	Steel	Steel	Steel	Steel	Steel
	Thickness	3 1/2"	3 3/8"	4 1/4"	3 3/8"	3 1/2"	3 1/2"	3 1/2"	3 1/2"
	How fitted	F & A	F & A	F & A	F & A	F & A	F & A	F & A	F & A
	Bearing Surface	3"	3"	3"	3"	3"	3"	3"	3"
Spacing of Cleats	20"	27"	22"	27"	20"	27"	22"	27"	
Number of Tarpaulins	3	3	3	3	3	3	3	3	

*Are wood fore and afters steel shod at all bearing surfaces? ☒
 Are battens and wedges efficient and in good condition? ☒
 Are tarpaulins in good condition and in accordance with rule requirements? ☒
 Are lashings provided in accordance with rule requirements? ☒

Particulars of any special features:—

Poop deck hatch (small hatch humped to Provision Room below Freeboard deck):—
 Dimensions: 2'-8" x 2'-8". Height of coaming = 2'-5" x 3" thick sides + ends. Wood covers fitted F & A 3 1/2" thick, bearing surface 2 3/4", cleats spaced 22", 2-tarpaulins, + efficient battens + wedges.
 Forecastle deck, - no. 1. hatch:— Dimensions: 13'-9" x 13'-1 1/2". Coamings = 36" high x 43" thick, sides + ends, stiffeners 8 x 3 1/2 x 40 B.A. stays 1'-8" x 40" B. plate. 1 hatch beam, spacing 6'-10 1/4", thickness of web = 3 1/8", bearing surface = 3".
 Covers: 3 1/2" wood, fitted F & A, bearing surface 3", cleats 20" apart, 3-tarpaulins.
 Boat deck, no. 3 Hatch:— Dimensions = 8'-2" x 9'-2 1/4". Height of coamings = 32", thickness sides = 43", ends = 24".
 4 1/4" wood covers fitted F & A, bearing surface 3", cleats spaced 22" apart, 3-tarpaulins.

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.

This vessel has been examined in dry dock and afloat and specially surveyed with a view to vessel being classed in the Register Book 100 A1. and to receive the notation S.S. (Hamburg) 3, 47. ✓

The fittings and appliances are in accordance with the particulars contained in this partially completed form and are in good condition.
 It is submitted that the Load Line Certificate be issued for the maximum period when the hatch covers have been dealt with in accordance with notice, number 1849, Section 25, Clause 6 in the Rules.

A. E. Hutchins



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