

TUE. MAY. 23 1922

Index No. 30367
(For London Office only.)

Lloyd's Register of Shipping.

8745

SURVEYS FOR FREEBOARD.

Verification

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING ~~SPAR DECK~~Shelter ~~DECK~~ without tonnage opening

Port of Survey Belfast

Date of Survey Building

Name of Surveyor E. Kendall

Ship's Name. "DIOGENES"		Port of Registry and Nationality. Aberdeen British	Official Number.	Gross Tonnage.	Date of Build. 1922-	Particulars of Classification. + 100 A 1 Shelter Deck contemplated.
Number in Register Book 13923						
Registered dimensions from ship's Register.	LENGTH. 500.4	BREADTH. 63.25	DEPTH. UD = 31.15 SD = 39.65	UNDER DECK Tonnage. UD = 7887.91 SD = 2307.96	Moulded Depth as measured 34.3" UPPER Main Deck.	
Length on LOADLINE	499.2	Frame Depth 9" Rule " 7 1/2	Ceiling Sheer + .50	Peak Tanks } included	42.9" SHELTER Spar or Awning Deck.	
		2 x 1 1/2		Cruiser Stern + Upper Dk - 30 tons		
		- .25		to Shelter - 70 -		
CORRECTED DIMENSIONS.	499.2	63.00	UD = 31.65 SD = 40.15	UD = 7857.91 SD = 10125.87		
Co-efficient of fineness77 to Upper Dk. .80 to Shelter Any modification necessary [Para. 4 (a) to (e)*] } .02 Cell D.B. .02 Cell D.B. Co-efficient as corrected77 .78						

addition for keel below base line for draught record = 3"

NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

Allowance for strength in excess of Lloyd's rules =

State particulars—

Channel frames, all extended to Shelter Deck and alternately to Bridge Deck.

Watertight Bulkheads all extended to Shelter Deck complete Steel Decks.

The vessel is being built to the convention requirements for subdivision &c. and a passenger load line is being assigned the Board of Trade.

Sheer at Stem 11 1/4" at 1/2 length from Stem 62 1/2"
 Sternpost... 45" " " Sternpost... 24"
 Drop in Sheer abaft amidships..... nil.

Shelter.
 Round of Spar-deck Beam..... 12"
 " " Main-deck " 12"

	Length	×	Height.	State if open or closed at ends.
Forecastle	86.0	×	8.0	closed see sketch
Bridge.....	225.7	×	8.5	-
Poop.....	34.0	×	8.0	-

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

Fresh Water Line	above centre of Disc	8
Indian Summer Line	"	"	"	...	8
Winter Line	below	"	"	...	8
Winter North Atlantic Line	"	"	"	...	8

NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength.
 All vessels equal in strength to Lloyd's Awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for a Spar-decked Vessel, are to be considered as Awning-decked Ships, the freeboard for which will vary with their strength.

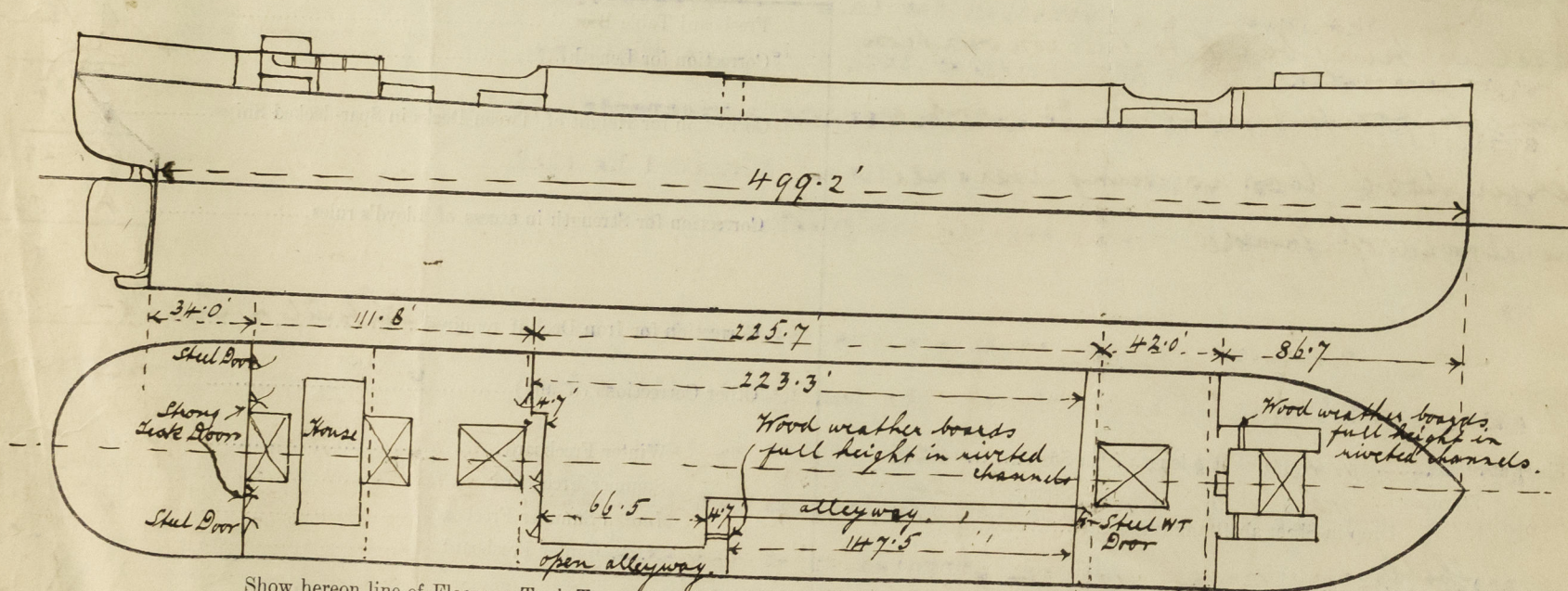
* If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

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Do all the Frames extend to the top Height in the Spar deck? *Yes.*
 Do all the Frames extend to the top height in the Poop? *Yes.*
 To what height do the Reverse Frames extend? *Channel frames throughout.*
 Has the Poop an efficient Iron Bulkhead at the fore end? *Yes.*
 Give particulars of the means for closing the openings in Bulkhead *Strong wood doors & steel doors.*
 Is the Poop connected with the Bridge House? *no*
 Has the Bridge House an efficient Bulkhead at the fore end? *Yes.*
 Give particulars of the means for closing the openings in Bulkhead *Steel Doors.*
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*
 Give scantlings and spacing of the Stiffeners *9 x 3 1/2 x 2 1/4 Bulb Angles, spaced 30" apart, bracketed top & bottom.*
 Are bracket plates fitted at each end of the Stiffeners? *Yes.*
 Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *Yes.*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes.*
 How are the openings closed? *Steel Doors, and wood weather boards full height in riveted channels in Starboard alleyway.*
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes.*
 Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Yes.*
 Are the Engine and Boiler openings covered by a Bridge, Poop, or enclosed by a Strong Iron or Steel Deckhouse? *Yes.*
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *✓*
 Give thickness of plating; scantlings and spacing of Stiffeners *✓*
 What is the height of the exposed Casings? *✓*
 Are suitable means provided for closing all openings in them in bad weather? *✓*
 Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:— *Yes, equivalent to Table A. Sect 32.*

Position and Size.		N ^o 1 on Forecastle 18'0" x 16'6"		N ^o 2 28'6" x 16'6"		N ^o 3 23'9" x 16'6"		N ^o 4 19'0" x 16'6"		N ^o 5 16'7 1/2" x 16'6"	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30"		30"		30"		30"		30"	
	Thickness { Sides.....	.50		.50		.50		.50		.50	
	Ends.....	.50		.50		.50		.50		.50	
SHIFTING BEAMS OR WEB PLATES.	Number	Three		3		4		3		3	
	Section and Scantlings	1 web 21" x 46"		2 webs 21" x 46"		2 webs 21" x 46"		1 web 21" x 46"		1 web 21" x 46"	
	Material	2 I Beams		3 I Beams		2 I Beams		2 I Beams		2 I Beams	
* FORE AND AFTERS.	Number	all web plates		21" x 46 with 4 angles 4 x 3 x .44, and		all I Beams		all I Beams		all I Beams	
	Section and Scantlings	none		none		none		none		none	
	Material	Steel		Steel		Steel		Steel		Steel	
HATCHES Thickness		3"		3"		3"		3"		3"	
Remarks											

* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.
 (If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel
This vessel is a sister vessel in all respects of the same Builders N^o 575 S.S. 'Sophocles' Belfast Report N^o 8639. and a passenger load line is being assigned by the Board of Trade.

Owners _____
 Address _____
 Fee £ 15 : 0 : 0 Received by me *See First Entry Rpt*