

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

VERIFICATION

REPORT No 4484

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING ~~SPAR OR~~  
~~AWNING DECK.~~

COMPLETE SUPERSTRUCTURE

 Port of Survey Dublin  
 Date of Survey 30 September 1926  
 Name of Surveyor C. E. Rafferty & S. O. Kendall

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
"SOUTHLAND"	British		525.34 provisional	1926	100 A1. For Towing Purposes.
Number in Register Book					
Registered dimensions from Ship's Register. Provisional	LENGTH. 135.4	BREADTH. 30.1	DEPTH. 18.3 U.DK. 10.4 2 <sup>nd</sup> DK.	UNDER DECK Tonnage. 516.83 Under UPPER DECK. 275. 2 <sup>nd</sup> DECK.	Moulded Depth as measured ..... 2 <sup>nd</sup> Main Deck. 12'-6 1/4"
Length on LOADLINE	135	Frame Depth 6 1/2" Rule " 3 1/2" x2 = -50 - 2 1/2" NO SPARRING + 2 = 1/2 x 2 = +1 + 33	CEILING + 2.0 SHEER + 2.3	Peak } INCLUDED Tanks } SINGLE BOTTOM AFT = - 2	upper Spar or Awning Deck. 20'-0 1/2"
CORRECTED DIMENSIONS.	135	29.93 30.0	11.13	273	

 Co-efficient of fineness ..... .606 .607  
 Any modification necessary }  
 [Para. 4 (a) to (e)\*]  
 Co-efficient as corrected ..... .66 (lowest in Tables).  
Top line in table.

 Addition for Keel below base line for draught record ..... 6 inches.

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

 CORRECTION FOR LENGTH:—  
 Length of Ship on Load Line..... 135  
 Length in Table ..... 150.25  
 Difference..... 15.25  
 Correction for 10ft..... .5  
 x Difference ÷ 10 = .75 = - 3/4

Allowance for strength in excess of Lloyd's rules =

State particulars—

 Height of 'Tween Decks..... 7'-6 1/4"  
 (From top of beam to top of beam at side)  
 Correction for Height of 'Tween Decks in Spar-decked Ships.....

 Freeboard Table B or C ..... 0'-3 1/2"  
 Correction for Length..... - 3/4"  
 Correction for Height of 'Tween Decks in Spar-decked Ships..... 0' = 2 3/4"  
from top of Rule  
wood 2<sup>nd</sup> Deck to top of 2 1/2" wood sheathing  
on upper deck. + 7'-5 3/4"  
7'-8 1/2"  
 Correction for Strength in excess of Lloyd's rules.....

 Correction for Iron Deck if required.....  
 Other Corrections (if any)..... Overboard Scaffolds + 1'-6 3/4"  
Tween Deck to 2<sup>nd</sup> Deck + 7'-6 1/4"

 Winter Freeboard..... 4'-9" 9'-3 1/4"  
 Summer Freeboard..... 4'-8"  
 Indian Summer Freeboard.....  
 N. A. Winter Freeboard.....

 Correction necessary because clearsides amidships measured in accordance with the Statute is not taken at intersection of the wood deck with side 1 1/4"

 Winter Freeboard from Deck Line ..... 9'-10 1/4" 9'-4 1/2"  
 Summer " " " ..... 9'-8 1/4"  
 Indian Summer " " " .....  
 N. A. Winter " " " .....

 Sheer at Stem ..... 4.8" 65 at 1/4 length from Stem ..... 25" 35 ÷ 2  
 Sternpost... 17" 2 ÷ 32.5 " " Sternpost... 10" 17.5  
 Drop in Sheer abaft amidships..... Nil ÷ .55  
- 31.82  
23.50  
36 18.32  
- 23.

 Round of Spar-deck Beam.....  
 " " Main-deck " ..... 4 1/2"

 Length x Height. State if open or closed at ends.  
 Forecastle ..... x  
 Bridge..... x

Poop..... x

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

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

14 DEC 1926

 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.

MARKING FORM

RECEIVED 28 MAR 1927

 Lloyd's Register  
 Foundation  
 1739-0321

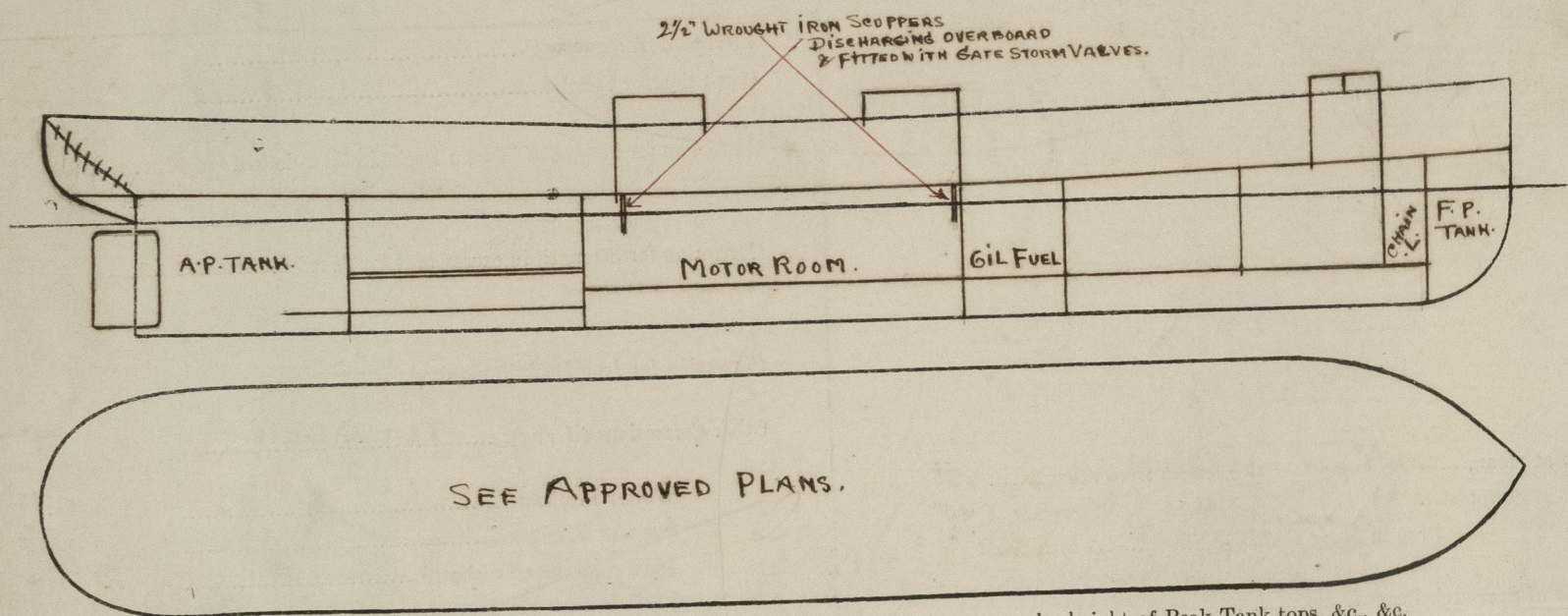


Do all the Frames extend to the top Height in the Spar deck? ☒ Awning deck? As per APPROVED SECTION  
 Do all the Frames extend to the top height in the Poop? ☒ Bridge House? ☒ Forecastle? ☒  
 To what height do the Reverse Frames extend? ☒ None  
 Has the Poop an efficient Iron Bulkhead at the fore end? ☒  
 Give particulars of the means for closing the openings in Bulkhead ☒  
 Is the Poop connected with the Bridge House? ☒ Has the Bridge House an efficient Bulkhead at the fore end? ☒  
 Give particulars of the means for closing the openings in Bulkhead ☒  
 What is the thickness of the Bridge Front plating? ☒ and Coaming plate? ☒  
 Give scantlings and spacing of the Stiffeners ☒  
 Are bracket plates fitted at each end of the Stiffeners? ☒ Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? ☒  
 Has the Bridge House an efficient Iron Bulkhead at the after end? ☒  
 How are the openings closed? ☒  
 Is the Forecastle at least as high as the main or top-gallant rail? ☒ Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? ☒  
 Are the Engine and Boiler openings covered by a Bridge, Poop, } COMPLETE SUPERSTRUCTURE WITH 2'-6" x 30" COAMINGS ABOVE.  
 or enclosed by a Strong Iron or Steel Deckhouse?  
 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? 2'-6" Are suitable means provided for closing all openings in them in bad weather? yes  
 Are the Weather Deck Hatchways efficiently constructed and at least equal to the } yes  
 requirements of Section 28 of the Rules for 1904-5? Give particulars below:—

Position and Size.	No. 1. Fore. 8'-0" x 4'-9"									
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.										
Height above top of DECK	15"	12"								
Thickness { Sides.....	39	SECTION 38								
Ends.....	39	PARA. 8.								
SHIFTING BEAMS OR WEB PLATES.										
Number .....	One									
Section and Scantlings .....	30 WEB PLATE	12" deep								
Material .....	DOUBLE 3"x3"x40									
	ANCHES TOP & BOTTOM									
	STEEL									
* FORE AND AFTERS.										
Number .....	40									
Section and Scantlings .....	100									
Material .....	wood									
HATCHES Thickness .....	2 1/2"									
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 intended for Tug and Passenger service at Bluff Harbour. New Zealand.

It is understood that there will be no lights or other openings in the side below the second deck, which will affect the position of the maximum load line allowed by the tables, excepting the scuppers mentioned above in the Report.

Builder's name and yard number Dublin Dockyard Co. Ltd. No 120.

Names of sister vessels ☒ See Provisional assignment dated 19th March 1926.

Owners Bluff Harbour Board.

Address New Zealand.

Kept 4 : 0 : 0 Received by me



© 2021

Lloyd's Register Foundation