

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD - STEAM SHIPS.

VERIFICATION REPORT

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey SUNDERLAND
Date of Survey 8-2-17
Name of Surveyor W. Grier

FICKERSGILLS No 193

POOP, BRIDGE AND F'CLE.

Ship's Name. <u>LANOVER</u>	Port of Registry and Nationality. LONDON U.K.	Official Number. 140294	Gross Tonnage. 4274	Date of Build. 1917	Particulars of Classification. ‡ 100 A.1. CONTEMPLATED
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Registered dimensions from Ship's Register.	LENGTH. 390	BREADTH. 53.3	DEPTH. 23.5	UNDER DECK TONNAGE. 4020.14
Length on LOADLINE.	389.83	Frame Depth 11 Rule 52.5 52.5 - .83 - .92 SPARRING FITTED	Ceiling + .20 Sheer + .73	Peak } INCL. 0 Tanks }
CORRECTED DIMENSIONS.	389.83	52.47 38	24.43	4020.14

Moulded Depth as measured..... 26'-0"
Keel below base line 2 1/2"

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

Co-efficient of fineness..... .8045
Any modification necessary }
[Para. 4 (a) to (e)]* } .02
Co-efficient as corrected78

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	389.83
Length in Table	312
Difference	77.83
Correction for 10ft., Table A.	1.4
× Difference divided by 10	10.896 (if required.)
If 1/10ths length covered divide by 2	5.448
	+ 5/2

Sheer { Stem..... 102 } 150 + 2 = 75 ... Mean 75.23
at { Sternpost ... 48 }
Sheer at 1/4 of the length from { Stem 56 1/4 } 82 3/4 + 2 = 41.375 ... Mean
{ Sternpost 26 1/2 } 26.5 + 2 = 28.5
Gradual mean Sheer 75.11
Standard mean Sheer [Table, Para. 18] 48.98 Correction
Difference..... 26.13 ÷ 4 = 6.5
§ If limited as Para. 18 (f)..... - 6 1/2

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered
Thickness of usual wood deck, less stringer - 3 1/2

Rise in Sheer { At front of bridge house.....
from amidships }
[Para. 18 (e)] { At after end of forecastle
Fall in Sheer }
Para. 18 (d) } + 2 =
Length uncovered Correction

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	51-11 3/4
Round of Beam	13
Normal round.....	13
Difference	÷ 2 =
Proportion of Deck uncovered (Para. 19)	✓

NOTE. - The round of beam should be reported on the full breadth of vessel at the gunwale.

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C.....	2-11 1/2
Correction for Length, if required (Para. 12, 13, and 14)	✓
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) }	5-5
Difference	2-5 1/2
Percentage as below.....	62.05

Freeboard, Table A	5-11 1/2
Correction for Sheer	- 6/2
Correction for Length	5-5
Allowance for Deck Erections	+ 5/2
Correction for Round of Beam.....	5-10 1/2
Correction for fall in Sheer (if any).....	1-6/4
Correction for Iron Deck (if required)	4-4 1/4
Corrections for non-compliance with provisions of Para. 11 (d) and (e) ‡	✓
Other Corrections (if any)	✓

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ✓
Allowance for Deck Erections -1-6 1/4

Winter Freeboard 4-0 3/4
Summer Freeboard 3-8
Indian Summer Freeboard 3-3/4
N. A. Winter Freeboard ✓
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or iron deck with side. } + 1 3/4

Length.	Length allowed.	Height.
Forecastle..... 35.375	35.375	8.0
Bridge House 244.375	244.375	8.0
† Raised Qr. Dk.....		
Poop..... 40.125	40.125	8.0
Total	319.875	82.05
Length of Ship	389.83	
Corresponding percentage (Para. 11, 12, 13, or 14) }	62.05	

Winter Freeboard from deck line	4-2 1/2
Summer " " " "	3-9 3/4
Indian Summer " " " "	3-5
N. A. Winter " " " "	✓
	3-9 1/2
	6
	4 1/2

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

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

† If the frame, or plating, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
‡ In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. to be taken from the level of the top of the amidship beam.
§ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one-tenth of the vessel's length from stem and stern-post.

† State dimensions of freeing port area on deck of this form.
‡ The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft should be reported.

MARKING FORM
3 MAY 1932

MARKING FORM
RECEIVED 26 FEB 1917
RECEIVED 1 FEB 1929

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Do all the Frames extend to the top height in the Poop? YES Raised Quarter Deck? ✓ Bridge House? YES Forecastle? YES
 To what height do the Reverse Frames extend? BULB ANGLE FRAMING
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? YES
 Give particulars of the means for closing the openings in Bulkhead STORM BOARDS FITTED FULL HEIGHT IN RIVETED CHANNELS
 Is the Poop or Raised Quarter Deck 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 HINGED STEEL WATERTIGHT DOORS FITTED OVER OPENINGS
 What is the thickness of the Bridge Front plating? .40 and Coaming plate? .44
 Give scantlings and spacing of the Stiffeners 8 1/2 x 3 1/2 x 62 B.A. 30' APART.
 Are bracket plates fitted at each end of the Stiffeners? YES Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? RAIL BAR CARRIED UP IN LINE
 Has the Bridge House an efficient Iron Bulkhead at the after end? YES
 How are the openings closed? STORM BOARDS FITTED FULL HEIGHT IN RIVETED CHANNELS
 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, Raised Quarter Deck, 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

Position and Size.		No. 1. 29-9 x 20-0		No. 2. 31-10 1/2 x 20-0		No. 3. 36-1 1/2 x 20-0		No. 4. 29-9 x 20-0			
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	39	24	30	18	30	18	39	24		
	Thickness	Sides.....	.44	.50	.58	.44	.44				
		Ends.....	.44	.44	.44	.44	.44				
SHIFTING BOLTS WEB PLATES.	Number	FIVE		SIX		SEVEN		FIVE			
	Section and Scantlings	18 x 36		13 x 32		13 x 32		18 x 36			
	Material STEEL.	4 x 5 x 44		4 x 3 x 44		4 x 3 x 44		4 x 3 x 44			
* FORE AND AFTERS.	Number	FIVE									
	Section and Scantlings			NONE							
	Material										
HATCHES Thickness		2 1/2		2 1/2		2 1/2		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.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.
 What is the thickness of the Bridge Sheerstrake? _____ Strake between Main and Bridge Sheerstrakes? _____

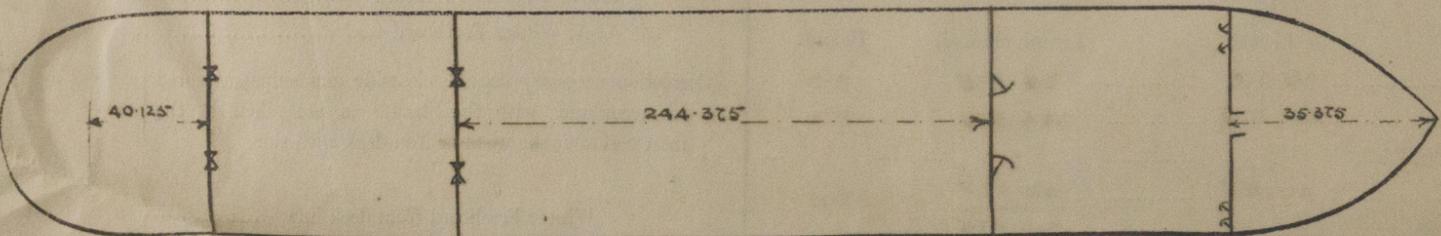
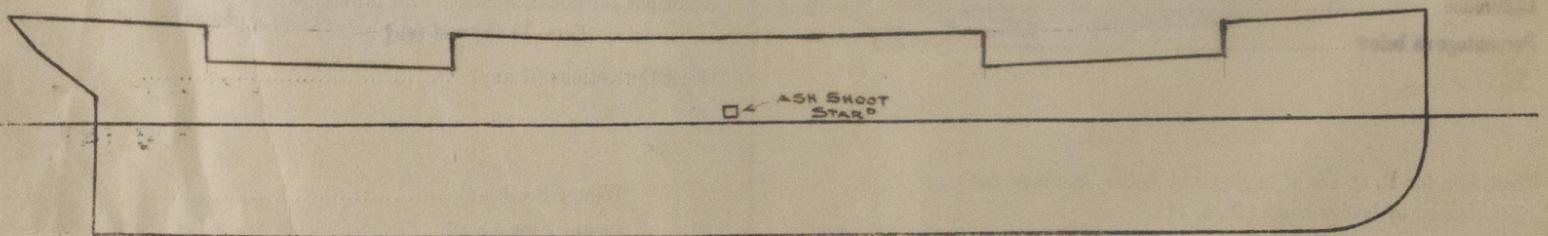
Delete the words { The Crew are, are not, berthed in the bridge house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well _____

Area of Freeing Ports required by Para. 11 (e) each side of vessel = _____ Sq. ft.

Ft. Tenths.	Ft. Tenths.	No.	} Freeing Ports (each side of vessel)	=	Sq. ft.
x	x				
x	x				

Total deficiency or excess = _____ Sq. ft.



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 *The plans of the vessel, two in number, displacement scale and scale of tons per inch, and request form are forwarded herewith for reference. This vessel is a motor vessel to the same Builders No. 191 A.A. Swindon (Ex. Howdale)*

Owners _____

Address _____

Fee £ _____

Received by me _____



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