

Verification Report
Lloyd's Register of British & Foreign Shipping.
SURVEYS FOR FREEBOARD.-STEAM SHIPS.

MON. FEB. 5-1912

22138

N^o 31062

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER PLUSH 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 Glasgow
Date of Survey Feb 3rd 1912
Name of Surveyor Henry Hibbs

B. Bonnell & Co. N^o 3433s

Ship's Name ALDAR	Port of Registry and Nationality Liverpool British	Official Number 131425	Gross Tonnage 4919	Date of Build 1912	Particulars of Classification 100 A 1 (contemplated)
Register Book 531					

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
400.2	51.9	28.2	4587.77
398.66	Frame Depth 9 1/2 Rule " 6 35	Ceiling fitted Sheer - .16	Peak Trunks
398.66	51.32	28.04	4587.77

Moulded Depth as measured..... 30.9"
NOTE. - If the depth is measured when vessel is afloat, the details of measurement should be reported.

fineness..... 80 -
ion necessary { - .02
) to (e)]* }
corrected 78 -

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	398.66
Length in Table	369.0
Difference	29.66
Correction for 10ft., Table A.	1.55
Table C.8
x Difference divided by 10	+ 4 1/2
(if required.)	+ 2 1/2
If 1/10ths length covered divide by 2	

601
281 88 ÷ 2 = 44 Mean
the length from Stem 33.0
Sternpost 15.5 48.5 ÷ 2 = 24.25 Mean
÷ 53 = 44

CORRECTION FOR IRON DECK.
Proportion covered, if less than 2/10ths length covered 535
Thickness of usual wood deck, less stringer 3 1/2
2 3/4 Teak sheathing .535 x .75 = .39 + 2.75 = 3.12 - 3 1/2

Sheer
an Sheer [Table, Para. 18] 49.86 -
Difference..... 5.86 ÷ 4 = + 1 1/2
as Para. 18 (f).....

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	50.0
Round of Beam	12 1/2
Normal round.....	12 1/2
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.

sheer { At front of bridge house.....
ships {
(e) { At after end of forecastle
Sheer { ÷ 2 =
(d) {
covered Correction

Freeboard, Table A	7 - 11 1/4
Correction for Sheer	+ 1 1/2
	8 - 0 3/4
Correction for Length	+ 4 1/2
	8 - 5 1/2
Allowance for Deck Erections	- 1 - 2 1/2
	7 - 2 3/4
Correction for Round of Beam.....	✓
Correction for fall in Sheer (if any).....	✓
Correction for Iron Deck (if required)	- 3 1/2
	6 - 11 1/2

ALLOWANCE FOR DECK ERECTIONS :-

Table C.....	4 - 8 3/4
for Length, if required (Para. 12, 13, and 14) ...	+ 2 1/2
	4 - 11
by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)	8 - 5 1/2
	3 - 6 1/2
as below.....	34 - 2 9/10

amidsips
Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Other Corrections (if any)

on for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
ce for Deck Erections - 1 1/2

Winter Freeboard	6 - 11 1/2
Summer Freeboard	6 - 6
Indian Summer Freeboard	6 - 0 1/2
N.A. Winter Freeboard	✓

Length.	Length allowed.	Height.
45.54	45.54	7-6
House 132.0	129.87	"
Q. Dk. 40.2	38.03	"
54.0	35.87	"
Total	211.32	213.44
of Ship	398.66	= .535

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

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

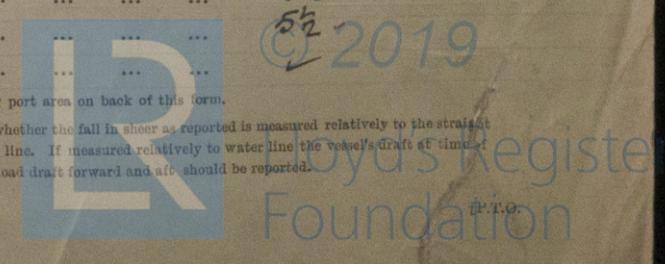
Fresh Water Line	above centre of Disc	6 - 2 1/2
Indian Summer Line	" "	5 1/2
Winter Line	below "	5 1/2
Winter North Atlantic Line	" "	5 1/2

Winter Freeboard from deck line	7 - 1 1/4
Summer " " "	6 - 7 3/4
Indian Summer " " "	6 - 2 1/2
N.A. Winter " " "	✓
	6 - 7 1/2

† If the frames, skin planking, 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. is 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 sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and sternpost.

† State dimensions of freeing port area on back 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.

2/5/12
2/5/12



Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *Yes* Bridge House *Yes* Forecastle? *Yes*
 To what height do the Reverse Frames extend? *Bull angle frames*
 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 *Steel wood doors (hinged)*
 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 *Steel w/ hinged doors*
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*
 Give scantlings and spacing of the Stiffeners *Bull angles 8x3 1/2 x .64 spaced 30" apart.*
 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? *Storm boards half height in permanent 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? *Open aft*
 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? *Yes*
 Give thickness of plating; scantlings and spacing of Stiffeners
 What is the height of the exposed Casings? *Yes* 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 On Bridge Deck*

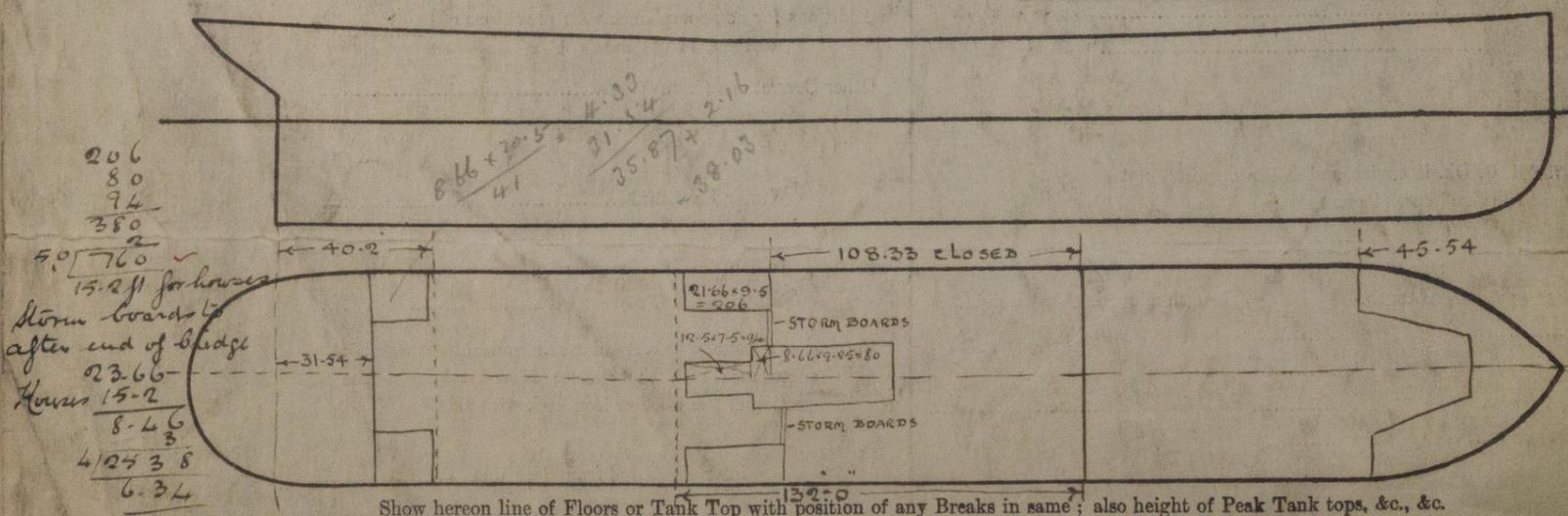
Position and Size.	No. 1. 21-8 x 15-11 1/2		No. 2. 26-0 x 15-11 1/2		No. 3. 10-10 x 15-11 1/2		No. 4. 26-0 x 14-11 1/2		No. 5. 21-8 x 13-11 1/2		
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING.	Height above top of DECK	30	24	30	24	30	18	24	30	24	
	Thickness	Sides	.44	9/20	.44	.44	7/20	.44	.44	9/20	
		Ends	.40	8/20	.44	.44	7/20	.44	.40	8/20	
SHIFTING BEAMS OR WEB PLATES.	Number	3 Webs		4 Webs		1 Web		4 Webs	3 Webs		
	Section and Scantlings	22 x 34		22 x 34		19 x 34		22 x 34	19 x 34		
	Material	steel		steel		steel		steel	steel		
* FORE AND AFTERS.	Number	No fore and afters									
	Section and Scantlings										
	Material										
HATCHES Thickness	3"		3"		3"		3"		3"		
Remarks	Brackets fitted on ends of webs.										

* 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 wall _____
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = _____ Sq. ft.
 Ft. Tenths. Ft. Tenths. No. } Freeing Ports = _____ Sq. ft.
 (each side of vessel)
 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 *Vessel to be classed 100 A1.*
Request
 Midships section & profile enclosed.
 This is a sister vessel to S/S Havildar Gls report 29949.

Owners _____
 Address _____

Fee £ _____ : : Received by me _____

