

EXT *Full 24/6/33*Index No. **33348**
(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD. STEAM SHIPS.

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 *Slagmo*
Date of Survey *While building*
Name of Surveyor *J. M. Hovema*

Ship's Name. **"ARMADALE"**
Port of Registry and Nationality. *Donorato*
Official Number. **161299**
Gross Tonnage. *100*
Date of Build. **1929**
Particulars of Classification. *with freeboard*
100 A.1. Shellin & Co. completed

Number in Register Book
Registered dimensions from Ship's Register.
LENGTH. **410.5**
BREADTH. **54.25**
DEPTH. **25.75**
UNDER DECK TONNAGE. **4711.44**
Length on LOADLINE. **410**
Frame Depth *10 1/2*
Ceiling *+20*
Peak *3 incl*
Rule *6*
Sheer *+1.23*
Tanks *3*
20 normal
DB = 2R + 1.42
6" diam. 70"
2 dep. 2akt + 0.5
4 1/2 diam. 1 1/2
15.54

Moulded Depth as measured..... **29.10**

Addition for Keel below base line for draught record... **79** inches.

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

29-10
1-1/2
30-11/2
3-8 1/2
27-2

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... **410**
Length in Table **357.5**
Difference **52.5**
Correction for 10ft., Table A. **1.5** Table C.
× Difference divided by 10 **7.87** (if required.)
If 1/10ths length covered divide by 2 **3.93** = **4**

30-11/2
5-11/2
26-10

CORRECTION FOR IRON DECK.

Proportion covered, if less than 7/10ths length covered **3 1/2**
Thickness of usual wood deck, less stringer **3 1/2**

- 3 1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at *U.D.* amidships..... **53.6 3/4**
Round of Beam **13 1/2**
Normal round..... **13.89**
Difference **11** ÷ 2 = **.00**
Proportion of Deck uncovered (Para. 19)

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

Co-efficient of fineness..... **.75**
Any modification necessary [Para. 4 (a) to (e)]* *Call 0.13*
Co-efficient as corrected **.73**

Sheer { Stem..... **132**
at { Sternpost ... **54** } **186** ÷ 2 = **93** ... Mean *36 1/2 20*
Sheer at 1/2 of the length from { Stem **75**
Sternpost **30** } **105** ÷ 2 = **52.5** ... Mean *50 1/2 23*
Gradual mean Sheer **94.22**
Standard mean Sheer [Table, Para. 18] **51.00**
Difference..... **43.22** ÷ 4 = **10 3/4**
§ If limited as Para. 18 (f) **10 3/4**

Rise in Sheer { At front of bridge house.....
from amidships { At after end of forecastle

Fall in Sheer {
Para. 18 (d) } ÷ 2 =
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... **4.2**
Correction for Length, if required (Para. 12, 13, and 14)
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) **6.4 3/4**
Difference **2.2 3/4**
Percentage as below..... **94.1%**
25.19

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections **2.1 1/4**

	Length.	Length allowed.	Height.
Forecastle.....	36.59	36.73	8.4 1/2
Bridge House	5.37		
2m. R. Q. Dk.			
Poop.....	40.08	38.75	8.4 1/2
Total	410.00	402.68	
Length of Ship		409.34	99.1%
Corresponding percentage (Para. 11, 12, 13, or 14) {	94.1%		

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck
Fresh Water Line above centre of Disc ...
Indian Summer Line " " " " ...
Winter Line below " " " " ...
Winter North Atlantic Line " " " " ...

If the frames, or planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
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 amidships beam.
In vessels having poops and forecastles, it means the sheer measured at the stem and sternpost, or at the points distant 1/10th of the vessel's length from stem and sternpost.

Freeboard, Table A
Correction for Sheer
Correction for Length
Allowance for Deck Erections
Correction for Round of Beam.....
Correction for fall in Sheer (if any).....
Correction for Steel Deck (if required)
Additions for non-compliance with provisions of Para. 11 (d) and (e) ‡
Other Corrections (if any)

7.3 1/2
- 10 1/4
6.4 3/4
+ 4
6.8 3/4
- 2.1 1/4
4.7 1/2

Winter Freeboard
Summer Freeboard
Indian Summer Freeboard
N. A. Winter Freeboard

4.4
3.10
3.4

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side.

+ 1 3/4

Winter Freeboard from deck line
Summer " " " "
Indian Summer " " " "
N. A. Winter " " " "

4.5 1/4
3.11 3/4
3.5 3/4

(Steel) Deck:—

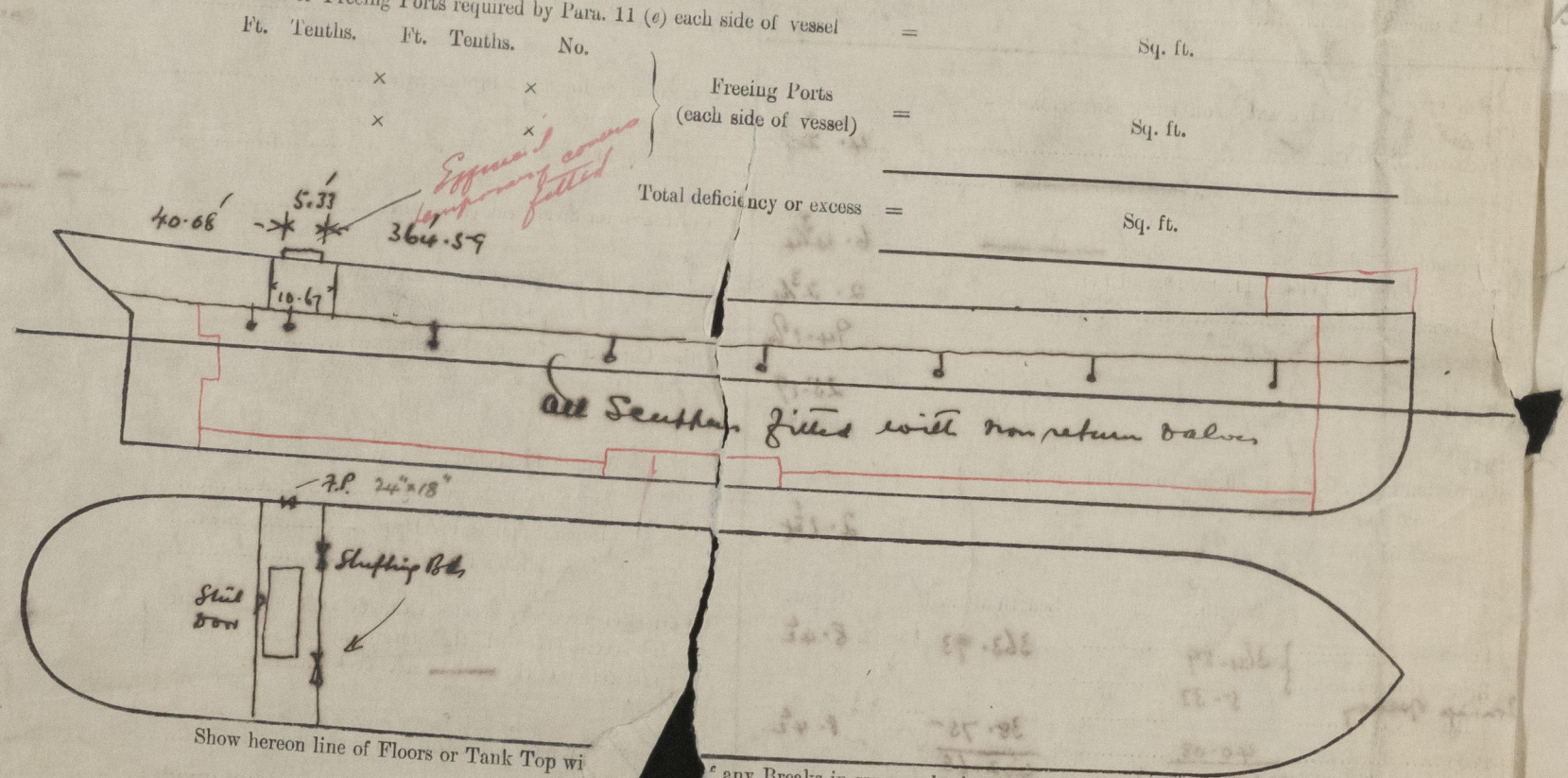
3.11 1/2
7
6
6
Drift at 85° 5m = 12030
Drift @ 76° 5m 12410
2m. per inch 4402

of freeing port area on back of this form.
uld state whether the fall in sheer as reported is measured relatively to the straight e water line. If measured relatively to water line the vessel's draft at time of usual load draft forward and aft should be reported.

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? *Bulk 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 Hinged door*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *Yes* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *Yes*
 What is the thickness of the Bridge Front plating? *Yes* and Coaming plate? *Yes*
 Give scantlings and spacing of the Stiffeners *Yes*
 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? *Shifting board full height in riveted channels*
 Is the Forecastle at least as high as the main or top-gallant rail? *Sheets on* 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? *Shelter deck*
 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 *Yes*
 What is the height of the exposed Casings? *Yes* 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 requirements of Section 28 of the Rules for 1904-5? Give particulars below:— *Yes*

Position and Size.	No 1 27' 0" x 18' 0"	No 2 32' 0" x 18' 0"	No 3 13' 4" x 18' 0"	No 4 32' 0" x 18' 0"	No 5 24' 0" x 18' 0"
Item.	Ship. <i>Shelter deck</i>	Ship. <i>S.D.</i>	Ship. <i>S.D.</i>	Ship. <i>S.D.</i>	Ship. <i>S.D.</i>
Height above top of DECK	32	32	32	32	32
Thickness Sides	44	44	44	44	44
Thickness Ends	44	44	44	44	44
SHIFTING BEAMS OR WEB PLATES	Number 4 Section and Scantlings 17 x 36 Material 4 x 3 x 44 Steel	Number 4 Section and Scantlings 17 x 36 Material 4 x 3 x 44 Steel	Number 5 Section and Scantlings 13 x 32 Material 4 x 3 x 44 Steel	Number 2 Section and Scantlings 12 x 32 Material 4 x 3 x 44 Steel	Number 5 Section and Scantlings 13 x 32 Material 4 x 3 x 44 Steel
* FORE AND AFTERS	Number Section and Scantlings Material	Number Section and Scantlings Material	Number Section and Scantlings Material	Number Section and Scantlings Material	Number Section and Scantlings Material
HATCHES Thickness	3"	3"	3	3	3
Remarks	3"	3"	3	3	3

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.
 (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. = *Sq. ft.*
 Freeing Ports (each side of vessel) = *Sq. ft.*
 Total deficiency or excess = *Sq. ft.*



Show hereon line of Floors or Tank Top with any Breaks in same; also height of Peak Tank tops, &c., &c.
 State any special features in the construction of the Vessel
 Builder's name and yard number *Denby Bros. No 12 23*
 Names of sister vessels *M.V. Australis*
 Owners *Australand S.S. Co.*
 Address
 Rec'd £ 10 : 1 : 8
 Received
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