

Rpt. No.

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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 GLASGOW
Date of Survey BUILDING
Name of Surveyor A. H. B. Meek

Original No. 278

Ship's Name "KENMARE" Port of Registry and Nationality British Official Number 143487 Gross Tonnage 1921 Date of Build. 1921 Particulars of Classification. +100A1 WITH FREEBOARD (CONTEMPLATED)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
Length on LOADLINE.	274.5	37.92	17.2	1143.42
CORRECTED DIMENSIONS.	273.5	37.76	16.37	1128.42

Moulded Depth as measured..... 18'3"
Addition for Keel below base line for draught record..... 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 Loadline..... 273.5'
Length in Table 219.0'
Difference 54.5'
Correction for 10ft., Table A. 1.1' Table C.
x Difference divided by 10 6.0' (if required.)
If 10ths length covered divide by 2 3.0' +3'

CORRECTION FOR IRON DECK.
Proportion covered, if less than 7/10ths length covered
Thickness of usual wood deck, less stringer WOOD DECK FITTED.

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 37.66
Round of Beam 9 1/2
Normal round.....
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.

Co-efficient of fineness..... 67
Any modification necessary [Para. 4 (a) to (e)]*
Co-efficient as corrected 65.68 Lowest in Tables.

Sheer { Stem..... 63 } 43 ÷ 2 = 46.5 Mean 47.94
at { Sternpost ... 30 }
Sheer at 1/8 of the length from { Stem 35 1/2 } 52.75 ÷ 2 = 26.37 Mean 36 10.58
{ Sternpost 17 1/2 }
Gradual mean Sheer 47.22
Standard mean Sheer [Table, Para. 18] 37.365 Correction
Difference..... 9.827 ÷ 4 = 2.457
§ If limited as Para. 18 (f) -2 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

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C..... 10 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) } 2 - 11 1/4
Difference 2 - 03 1/4
Percentage as below..... 63.78

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
Allowance for Deck Erections 15 3/4

	Length.	Length allowed.	Height.
Forecastle.....	24'0" 6.050	179.55	7.33
Bridge House {	22'8"0		
† Raised Qr. Dk. {	21'5" 6.450	28	
Poop.....	34'5"	207.55	
Total		273.5	7.58

Length of Ship 273.5
Corresponding percentage (Para. 11, 12, 13, or 14) 63.78

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 " " "

Freeboard, Table A 3 - 13 1/2
Correction for Sheer - 2 1/2
Correction for Length 2 - 11 1/4
Allowance for Deck Erections 1 - 33 1/4
Correction for Round of Beam..... 1 - 10 1/2
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required)
Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Other Corrections (if any)

Winter Freeboard 1 - 10 1/2
Summer Freeboard 1 - 8
Indian Summer Freeboard
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.

Winter Freeboard from deck line 2 - 0
Summer " " " " 1 - 9 1/2
Indian Summer " " " "
N. A. Winter " " " "

* 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 one-eighth of the vessel's length from stem and sternpost.

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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? IN WAY OF POOP = SHELTER DECK; BRIDGE TO SHELTER MAIN DECK; FORECASTLE = FORECASTLE SHELTER A
 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 NO OPENINGS
 Is the Poop or Raised Quarter Deck connected with the Bridge House? NO Has the Bridge House an efficient Bulkhead at the fore end? OPEN
 Give particulars of the means for closing the openings in Bulkhead L
 What is the thickness of the Bridge Front plating? L and Coaming plate? L
 Give scantlings and spacing of the Stiffeners L
 Are bracket plates fitted at each end of the Stiffeners? L Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? L
 Has the Bridge House an efficient Iron Bulkhead at the after end? L
 How are the openings closed? L
 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? L
 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? L
 Give thickness of plating; scantlings and spacing of Stiffeners L
 What is the height of the exposed Casings? L Are suitable means provided for closing all openings in them in bad weather? L
 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 = 11'6" x 12'0"		No 2 = 15'4" x 18'0"		No 3 = 11'6" x 12'0"		No 4 = 11'6" x 16'0"			
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	24 1/2	24	18 1/2	18	18 1/2	18	24 1/2	24		
	Thickness { Sides.....	5'0	5'0	5'0	5'0	5'0	5'0	4A	4A		
	Ends.....	5'0	5'0	5'0	5'0	5'0	5'0	4A	4A		
SHIFTING BEAMS OR WEB PLATES.	Number.....	2	2	2	2	2	2	1	1		
	Section and Scantlings.....	10 I 30		16 I 36		10 I 30		16 I 34			
	Material.....	3X3X30		4X3X40		3X3X30		4X3X40			
* FORE AND AFTERS.	Number.....										
	Section and Scantlings.....										
	Material.....										
HATCHES Thickness.....		3" IN ALL HATCHWAYS.									
Remarks.....											

* 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? 40 Strake between Main and Bridge Sheerstrakes? 32

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 5'5" 0" fore 11'0" aft.

Area of Freeing Ports required by Para. 11 (e) each side of vessel = 20.0 Sq. ft.

Ft. Tenths. Ft. Tenths. No.

WELL AFT 1.68 1.04 4
 BETWEEN UPPER FORMS 3.00 1.50 3
 & BRIDGE

Freeing Ports (each side of vessel) = 20.4 Sq. ft.

Total deficiency or excess = 28 Sq. ft.

SCUPPERS ARE FITTED WITH STORM VALVES IN SUBSTANTIAL METAL CASINGS OTHER THAN CAST IRON.

PLANS OF PROFILE & MIDSHIP SECTION ENCLOSED TOGETHER WITH FREEBOARD APPLICATION

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

SIMILAR IN ALL RESPECTS TO SS "ARDMORE"

GLASGOW REPORT NO 40601

Owners CITY OF LORN S.P. CO. LTD

" Address COAST LINES LTD LONDON

Fee £ 6 : 0 : 0

Inspected by me See Report



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