

PARTICULARS RELATING TO ALL STEAM SHIPS ~~WITH 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.~~

Leith

Date of Survey

4^o January, 1919

Name of Surveyor _____

or J. M. Henderson

Ship's Name.

S. S. "FELIXSTONE"
 Mem. 76 aiothorn 6: 2/nd 4. 144
 Number in Register Book 163

Port of Registry
and Nationality.

Harwich
British

Official
Number.

131905.

Gross
Tonnage.

892.

Date of Build.

1919

Particulars of Classification.

+ 100 A1 Contempatchid

Moulded Depth as measured.....~~17.0 3/4~~
 Extra thickness of deck + 3/4

 17.0 3/4 Total

Keel 1 3/4

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

$$\begin{array}{r} 17 - 8\frac{1}{4} \\ 2 - 9\frac{1}{2} \\ \hline 14 - 10\frac{3}{4} \end{array}$$

Length of Ship on Loadline.....	215.10	-
Length in Table	204.75	
Difference	10.35	-
Correction for 10ft., Table A.	1.1	Table C.
× Difference divided by 10	1.138	If required.
If $\frac{1}{10}$ ths length covered divide by 2	+14	✓

Proportion covered, if less than $\frac{7}{10}$ this length covered ✓
 Thickness of usual wood deck, less stringer $3\frac{1}{2}$
 4" Sheathing on $\frac{7}{10}$ " steel. Thickness allowed in held 8.

Breadth at Gunwale amidships.....	32.72	
Round of Beam	8 1/4"	/
Normal round.....	8 1/4	
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..... ~~0.69~~ ~~0.684~~
 Any modification necessary } - 0.2 Bull. D. B.
 [Para. 4 (a) to (e)]* }
 Co-efficient as corrected ~~0.67~~ ~~0.664~~

Sheer { Stem..... } $84 \div 2 = 42$...Mean
at { Sternpost .. }
Sheer at $\frac{1}{3}$ of the length from { Stem 35 } $52 \div 2 = 26$...Mean
{ Sternpost 14 } $\div .55 = 47.27$
Gradual mean Sheer 26.0
Standard mean Sheer [Table, Para. 18] 18.9 Correction
Difference..... $4.1 \div 4 = 1.44$
§ If limited as Para. 18 (f)..... -1.34

Rise in Sheer	{	At front of bridge house.....
from amidships		At after end of forecastle
[Para. 18 (e)]		

¶ Fall in Sheer } Para. 18 (d) }	$\div 2 =$	
Length uncovered		Correction

Freeboard, Table C.....	0. 5½
Correction for Length, if required (Para. 12, 13, and 14)	+ ½
	0. 9
Freeboard by Table A. corrected for sheer, and for length, } if required (Para. 12, 13, and 14) }	2. 11½
Difference	2. 2½
Percentage as below.....	34.96
	9.26

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)

Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle.....	59.35 <i>open</i>	43.12 ✓	4.3 ¹¹
Bridge House	62.75 <i>x 3/4 =</i>	44.81 ✓	4.3
† Raised Qr. Dk.....
Poop.....	49.24.....	<u>24.63</u> ✓	4.3
Total	142.34 <i>= 8/10</i>	<u>115.56</u> ✓
Length of Ship	215.10.....	<u>215.1</u> =	.537 ✓
Corresponding percentage {	34.96 %		
(Para. 12, 13, or 14)			

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

10. 1. 19

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

Winter Freeboard	2 " 0 $\frac{1}{2}$
Summer Freeboard <u>2 $\frac{1}{2}$</u>	1 - 10 ✓
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 .. $1\frac{1}{2}$
Summer " " " "	1 .. //
Indian Summer " " " "	-
N. A. Winter " " " "	-

† 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.

MARKING REPORT
RECEIVED 20. 1. 19.

[P.T.C.]

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? *none*

Has the Poop or ~~Raised Quarter~~ Deck an efficient Iron Bulkhead at the fore end? *none*

Give particulars of the means for closing the openings in Bulkhead *none*

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 *walkway doors*

What is the thickness of the Bridge Front plating? *.28* and Coaming plate? *.32*

Give scantlings and spacing of the Stiffeners *6 x 3 x 44 Built angles 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? *open*

How are the openings closed? *✓*

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? *none*

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Bridge Deck*

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.*

(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? ✓

