

See marks 32941

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

OCT 1928

Index No. **32940**
(For London Office only)

No. **94385**

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 **Fleethwood.**
Date of Survey **3-10-28.**
Name of Surveyor **Robt. Cheetham;**

Ship's Name. "ST. CUTHBERT."	Port of Registry and Nationality. Fleethwood.	Official Number. 138943.	Gross Tonnage. 311.	Date of Build. 1916 3-20.	Particulars of Classification. + 100 A1. Stm. Trawler.
Number in Register Book 59672.					

Registered dimensions from Ship's Register.	LENGTH. 137.0	BREADTH. 23.5	DEPTH. 12.3	UNDER DECK TONNAGE. 282
Length on LOADLINE.	136.5	Frame Depth Rule 2" Close ceiling on Sides of fish rooms	Ceiling fitted Sheer. + 64 Soles, Cement in bottom of fish rooms and cross bulkhead.	Peak Tanks } included
CORRECTED DIMENSIONS.	136.5	23.33	12.94	282

Moulded Depth as measured **13.0**

Addition for Keel below base line for draught record **8** inches.

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

Co-efficient of fineness **.68**

Any modification necessary [Para. 4 (a) to (e)]* **-**

Co-efficient as corrected **.68**

CORRECTION FOR LENGTH.

Length of Ship on Loadline	136.50
Length in Table	156.0
Difference	19.5
Correction for 10ft., Table A.	.9
Table C.	.5
× Difference divided by 10	1.755 (if required.)
If 1/10ths length covered divide by 2	-1 3/4

Sheer at Stem **58°**
at Sternpost **50 1/2°**
 $108 1/2 \div 2 = 54 1/4$ Mean

Sheer at 1/2 of the length from Stem **24 1/2°**
Sternpost **27°**
 $51 1/2 \div 2 = 25 3/4$ Mean

Gradual mean Sheer **25.75**

Standard mean Sheer [Table, Para. 18] **14.19** Correction

Difference **11.56** ÷ 4 = **2.89**

§ If limited as Para. 18 (f) $14.19 \div 4 = 3.5475 = 3 1/2$

Above Sheers given are relative to keel.

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered **-**

Thickness of usual wood deck, less stringer **3" Wood deck fitted fore and aft.**

Rise in Sheer from amidships [Para. 18 (e)]

Fall in Sheer [Para. 18 (d)]

Length uncovered

Correction

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships	23.16
Round of Beam	7
Normal round	5.79
Difference	1.21 ÷ 2 = .60
Proportion of Deck uncovered (Para. 19)	.293

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C	0-4
Correction for Length, if required (Para. 12, 13, and 14)	-1
Freeboard by Table A, corrected for shear, and for length, if required (Para. 12, 13, and 14)	0-3
Difference	1-9 1/4
Percentage as below	1-6 1/4
	18.19%
	3.32

Freeboard, Table A	1-11 1/4
Correction for Sheer	-13 1/4
Correction for Length	1-9 1/4
Allowance for Deck Erections	-1 1/4
Correction for Round of Beam	1-4 1/4
Correction for fall in Sheer (if any)	-3 1/4
Correction for Steel Deck (if required)	3" wood deck fitted
Additions 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 **- 3 1/4**

Forecastle	Open	Length 21.5	Length allowed 20.33	Height 6-9" to 5-3"
Bridge House				
† Raised Qr. Dk.		$75.0 \times \frac{1.23}{3.26} = 30.60$		1-4"
Poop				
Total		96.5	707	50.93
Length of Ship		136.5		736.5
Corresponding percentage (Para. 11, 12, 13, or 14)		$23.8470 \times .6 + \{ \frac{1.23}{3.26} \times .4 \} = 6.4168$.763
		$23.84 \times .763 = 18.19\%$		

Trim by Stern in Seagoing Condition **5'-6"**
for length of lined under deck

Winter Freeboard	2-8 1/2	2-8 1/2
Summer Freeboard	1 1/4	2-4 1/4
Indian Summer Freeboard	2-6	
N. A. Winter Freeboard	2-10 1/2	

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 1/4**

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

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

Winter Freeboard from deck line	2-9 3/4
Summer " " " "	2-8 1/2
Indian Summer " " " "	2-7 1/4
N. A. Winter " " " "	2-11 3/4
For the voyage to Nova Scotia etc.	3
	1 1/2
	3

§ 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.

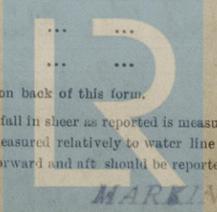
§ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and sternpost.

† 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.

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Do all the Frames extend to the top height in the Poop?
 To what height do the Reverse Frames extend? *Single Ang. 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 *None.*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? Has the Bridge House an efficient Bulkhead at the fore end?
 Give particulars of the means for closing the openings in Bulkhead
 What is the thickness of the Bridge Front plating? and Coaming plate?
 Give scantlings and spacing of the Stiffeners
 Are bracket plates fitted at each end of the Stiffeners? Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?
 Has the Bridge House an efficient Iron Bulkhead at the after end?
 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? *Open.*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *R. Q. Dk.*
 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? *4'-5"* 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:— *See below.*

Position and Size.	No. 1. 3-1 x 3-1		No. 2. 2-9 x 3-1 1/2		No. 3. 3-1 x 3-1		No. 4. 3-1 x 3-1		No. 5. 3-1 x 3-1	
	Ship.	Rule.								
COAMING. Height above top of DECK	15'		15'		15'		15'		15'	
	3/8		3/8		3/8		3/8		3/8	
Thickness { Sides.....	3/8		3/8		3/8		3/8		3/8	
	3/8		3/8		3/8		3/8		3/8	
SHIFTING BEAMS OR WEB PLATES. Number.....	None.									
	Section and scantlings.....		Section and scantlings.....		Section and scantlings.....		Section and scantlings.....		Section and scantlings.....	
	Material.....		Material.....		Material.....		Material.....		Material.....	
* FORE AND AFTERS. Number.....	None.									
	Section and scantlings.....		Section and scantlings.....		Section and scantlings.....		Section and scantlings.....		Section and scantlings.....	
	Material.....		Material.....		Material.....		Material.....		Material.....	
Thickness.....	3"		3"		3"		3"		3"	
Remarks.....	16. Pine.									

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

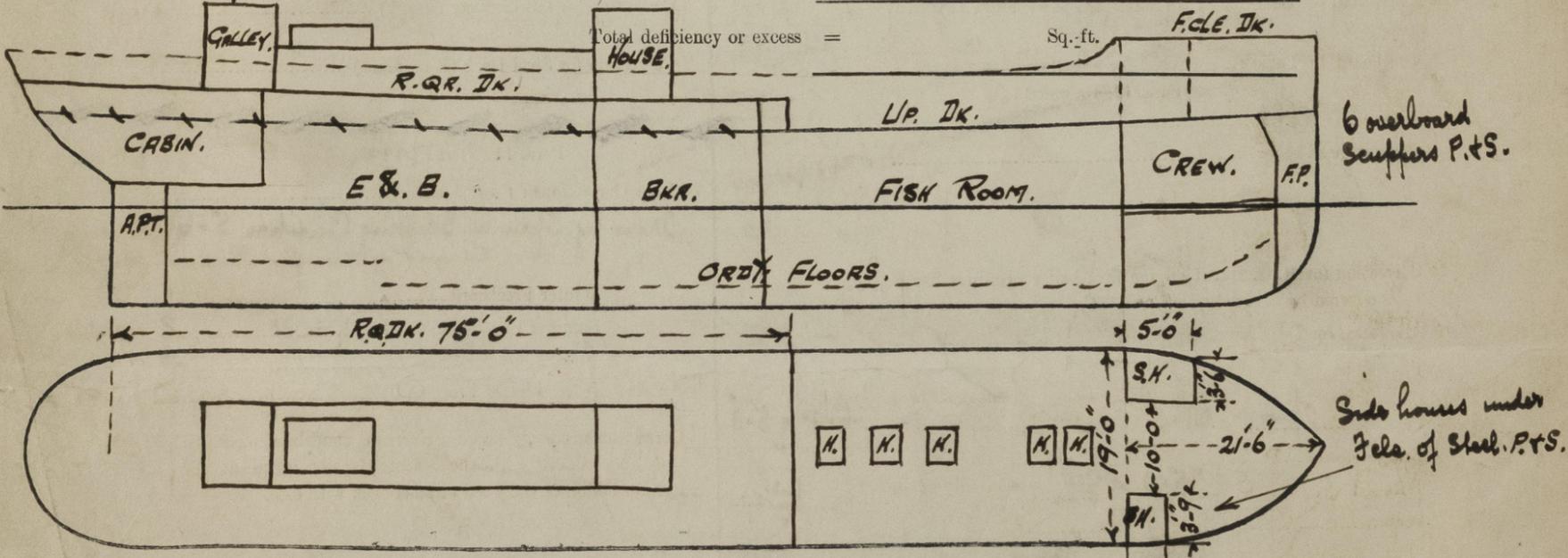
(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

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

Length of Bulwarks ~~in~~ *extend from Fore to Stern.*

Area of Freeing Ports required by Para. 11 (c) each side of vessel = Sq. ft.
 Ft. Tenths. Ft. Tenths. No.
 1. 5 x .75 x 3. R. Q. Dk. 4 Freeing Ports = 4.68 Sq. ft.
 1. 58 x .83 x 1. Fore Dk.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank top, &c.

State any special features in the construction of the Vessel *Ordinary Type Steam Trawler. R. Q. Dk. extends forward of Amidships.*
 Builder's name and yard number
 Names of sister vessels
 Owners *The New Wes. Ste. Trg. Co. (Fleetwood) Ltd.*
 Address *Fleetwood.*

21.50
 17.06
 4.44
 4.44 x 2 = 8.88
 19.16
 1.17
 20.33

Fee £ 2 : 15 : 0 } Received by me 23.10.28 *EBB*
 And Ess. to be charged on Completion.