

THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT.

SURVEY FOR FREEBOARD OF STEAM-SHIP

having Poop, Bridge, and Forecastle

Port of Survey Middlesbrough
Date of Survey During Construction
Name of Surveyor J. Aitken

State type of erections.

55.45 ✓
62. ✓
2.29 ✓
119.74
9.
110.74

Ship's Name.	Gross Tonnage.	Official Number.	Port of Registry and Nationality.	Date of Build.	Particulars of Classification.
"Domby"			British <i>West Hartlepool</i>	1932	B.S. X

Registered Length as shown by Ship's Register } 421.2 ✓
Breadth 55.45 ✓
Depth 28.05 ✓
Sheer Correction } + .78 ✓
Length on Loadline 421 ✓
Breadth 54.46 ✓
Depth 28.83 ✓
5 1/2" ceiling fitted - .25 ✓
28.58 ✓

Moulded Depth as measured 31'0" ✓

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

Depth for deep floors aft + 17.73 ✓
519.27 ✓
521.2 ✓
421 × 54.46 × 28.58 = 7963 ✓
Tons Und. Dk. × 100 = Tonnage in Peaks

CORRECTION FOR LENGTH.

Length of Ship on Loadline	421 ✓
Length in Table	372 ✓
Difference	49 ✓
Correction for 10 ft., Table A.	1.6 ✓
Table C.	.8 ✓
× Difference divided by 10	7.84 ✓
(#-required.)	3.92 ✓
If 1/10ths length covered by erections divide by 2	= 7 7/8 ✓

Co-efficient of fineness .8 ✓
Any modification necessary } - .02 ✓
[Para. 4 (a) to (e)] * } Cell. D.B.
Co-efficient as corrected .78 ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than 2/10ths length covered	.4726 ✓
Thickness of usual wood deck, less stringer	3/4 × .4726 = 1.1654 ✓
	= 1 1/2" ✓

Sheer at Stem } 108 ✓
at Stern-post } 52 ✓
Mean 80 ✓
Sheer at 1/8 of the length from Stem } 59 1/2 ✓
Stern-post } 28 3/4 ✓
Mean 80 1/2 ✓
Gradual Mean Sheer 30.11 ✓
Standard Sheer (Table, Para. 18) 52.1 ✓
Difference 28.01 ✓
Correction ÷ 4 = 7" off ✓

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships	54'6 1/2 ✓
Round of Beam	13.75 ✓
Normal round	13.64 ✓
Difference	.11 ✓
÷ 2 =	.055 ✓
Proportion of Deck uncovered (Para. 19)	.526 ✓

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

Rise in sheer } At front of bridge house
from amidships } At after end of forecastle
Fall in sheer ÷ 2 = ✓

Freeboard, Table A.	2.78 and 31'0" ✓	8'0 1/2" ✓
Correction for Sheer	-	7 ✓
Correction for Length	+	7 1/2 ✓
Allowance for Deck Erections	-	10 5/8 ✓
Correction for Round of Beam	nil ✓	7'2 3/4 ✓
Correction for Iron Deck (# required)	-	1 1/2 ✓
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	✓	7'1 1/2 ✓
Other Corrections (if any)	✓	-

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C	2.78 and 31'0" ✓	4'10" ✓
Correction for Length, # required (Para. 12, 13, and 14)	+	3 3/4 ✓
Freeboard by Table A. corrected for sheer, and for length, # required (Para. 12, 13, and 14)	}	5'17 1/2 ✓
Difference	}	3'13 1/2 ✓
Percentage as below	}	2'11 1/2 ✓
	}	30.08% ✓
	}	10.68 ✓

	Length.	Length allowed.	Height.
Forecastle	41.3 ✓	41.3 ✓	7'6" ✓
Bridge House	128.67 ✓	128. ✓	do. ✓
† Raised Q. Dk.			
Poop	29.7 ✓	29.7 ✓	do. ✓
Total	199.67 ✓	199. ✓	47.26 ✓
Length of Ship	421 ✓	421 ✓	
Corresponding percentage (Para. 11, 12, 13, or 14)		30.08% ✓	

Winter Freeboard	7'11 1/2 ✓
Summer Freeboard	6'7 5/8 ✓
Indian Summer	6'2 1/2 ✓
N. A. Winter Freeboard	-
Correction necessary because clearside amidships measured in accordance with the Statute is not taken at the intersection of the deck with side	1 1/2 ✓
Winter Freeboard from deck line §	7'2 5/8 ✓
Summer " " " "	6'9 1/8 ✓
Indian Summer " " " "	6'3 5/8 ✓
N.A. Winter " " " "	-

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

Fresh Water Line	6 1/2 ✓	ins. above centre of Disc.	Corresponding Freeboard	6'9" ✓
Indian Summer Line	5 1/2 ✓	" " " "	" " " "	6'2 1/2 ✓
Winter Line	5 1/2 ✓	" " " "	" " " "	6'3 1/2 ✓
Winter North Atlantic Line	-	" " " "	" " " "	-

* If the frames, skin, planking or ceiling are of unusual thickness the breadth of vessel 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.
§ Marked in accordance with Sec. 437, M. S. Act, 1894.

FW 12422 ✓
40 × 46.35 = 6.7 ✓
med depth 31'0 ✓
5500K ✓
20 ✓
31'2 ✓
6-9 ✓
med aft 24-5 ✓
Kul ✓
24-6 ✓
B&O ✓

DELETE WORDS WHICH DO NOT APPLY.

The Crew ~~are~~ *are not*, berthed in the Bridge house.

The arrangements to enable them to get backwards and forwards from their quarters *are, are not* satisfactory.

Length of Bulwarks in well *130'33 aft 91' fore*

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

	Ft.	Tenths.	×	Ft.	Tenths.	×	No.				
<i>Fore</i>	{	11.25	×	0.75	×	7	} each side	Freeing Ports	=	54.8 ✓	
		11.0									75
<i>Aft</i>	{	11.25	×	.75	×	3	} do.	each side of vessel	=	54.8 ✓	
		5.75									75
Total excess deficiency									=	✓	Sq. ft.

If the sill of the lowest side scuttle would 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.

Do all the Frames extend to the top height in the Poop? *Yes*
 Do. do. do. Raised Quarter Deck? ✓
 Do. do. do. Bridge House? *Yes*
 Do. do. do. Forecastle? *Yes*

To what height do the Reverse Frames extend? *Channel frames*

Has the Poop or ~~Raised Quarter Deck~~ an efficient Iron Bulkhead at the fore end? *Yes*

How are the openings closed? *no openings in bulkhead ✓*

Is the Poop or ~~Raised Quarter Deck~~ connected with the Bridge House? *no*

Are the Engine and Boiler openings covered by a Bridge, ~~Poop, Raised~~ }
 Quarter Deck, or enclosed by a Strong ~~Iron or Steel~~ *Casings* Deck House? } *Yes*

If the openings are not so protected, are the exposed parts of the Casings efficiently constructed? ✓ What is their height? ✓

Are suitable means provided for closing all openings in exposed Casings in bad weather? ✓

Has the Bridge House an efficient Bulkhead at the fore end? *Yes*

How ~~are~~ the openings closed? *Hinged steel door ✓*

Give thickness of Bridge Front plating *.44* Coaming plate ✓ Stiffeners *9x34 + 47* spaced *30"* bracketted *Lugged Top + Bottom*

Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*

How are the openings closed? *Weatherboards full height in channels riveted to bulkhead*

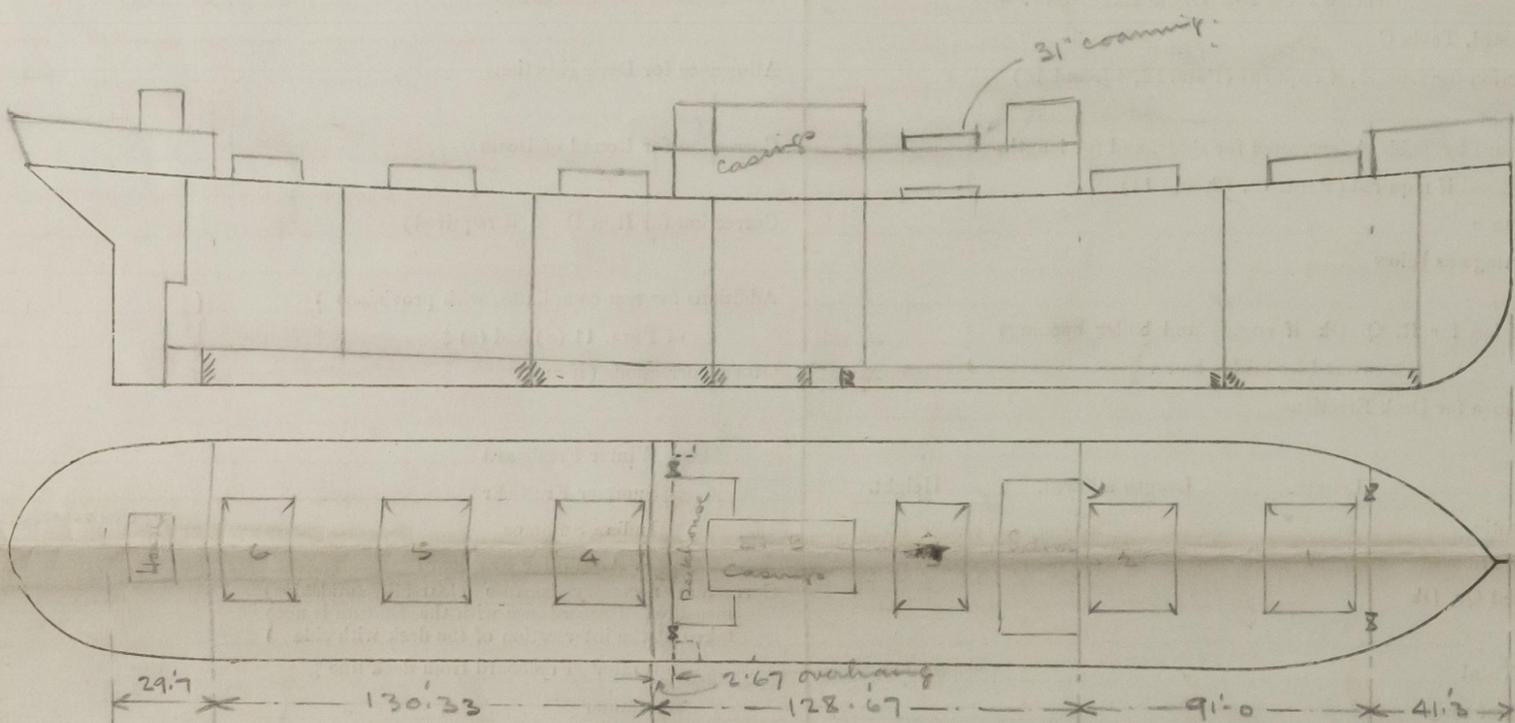
Is the Forecastle at least as high as the main or top-gallant rail? *Yes*

Has the Forecastle an efficient Iron or Wood Bulkhead at its after end? *Yes (openings fitted with weatherboards riveted to bulkhead in channels riveted to bulkhead)*

Are the Weather Deck Hatchways efficiently constructed and at least equal to the Rule requirements? *Yes*

What is the thickness of the Hatches? *.3 plates* State the height of the Coamings in Fore Well *36"* In After Well *36"*
2 1/2" bulk at No 3.

State any special features in the construction of the Vessel



Show hereon arrangement of erections, depth of hold, &c.

The Freeboards, as stated on the other side, being in accordance with the Tables, it is submitted that the same be assigned.

..... Chief Surveyor.

Passed at a meeting of the Committee of Management of the British Corporation Register of Shipping and Aircraft on the