

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Index No. **33436**
(For London Office) **25 SEP 1929**

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLIANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLIANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey **West Hartlepool**
Date of Survey **Whilst Building**
Name of Surveyor **C. Millar**

Ship's Name.
"DUNELMIA"

GRAYS 1028.

Number in Register Book

Port of Registry and Nationality.

WEST HARTLEPOOL
BRITISH.

Official Number.

160763

Gross Tonnage.

5185

Date of Build.

1929

Particulars of Classification.

+100A1.

Registered dimensions from ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	421.3	54.25	27.20	4929.39
Length on LOADLINE.	421.00	Frame Depth 12 Rule 6 $\frac{6 \times 2}{2} = 1.00$	Ceiling +2.20 Peak +0.72 UNDER HATCHES ONLY	Tanks 23.00
CORRECTED DIMENSIONS.	421.00.	53.25.	28.14.	4952.39.

Co-efficient of fineness..... **.78**
Any modification necessary [Para. 4 (a) to (e)]* **.02 Cellular Double Bottom**
Co-efficient as corrected **.76**

Sheer { Stem..... **105** } **156** ÷ 2 = **78**...Mean
at { Sternpost ... **51** }
Sheer at $\frac{1}{8}$ of the length from { Stem **57.75** } **85.75** ÷ 2 = **42.87**...Mean
{ Sternpost **28.00** }
Gradual mean Sheer **77.94** ÷ 55
Standard mean Sheer [Table, Para. 18] **52.10** Correction
Difference..... **25.84** ÷ 4 = **6.46**
§ If limited as Para. 18 (f) **-6.2**

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

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

FREEBOARD

ALLOWANCE FOR DECK ERECTIONS:—

27 ✓
if required (Para. 12, 13, and 14) **4-5**
corrected for sheer, and for length, {
a. 11, 12, 13, and 14) } **7-0**
..... **2-7**
..... **54.29**
..... **16.82**

Engine and boiler openings not [Para. 11] ✓
..... **1-5 1/4**

Length allowed.	Height.
42.89	7-6
240.16	7-6
29.75	7-6
312.74	7-6
421	7-6

%.

Distance of Disc to top of Statutory Deck Line, **Wood** (Steel) Deck:—

above centre of Disc ...

below ...

of vessel to inside
drops about amid-
ship beam.
the stem and stern
at points distant

+ State dimen-
The S
line of
survey

Moulded Depth as measured..... **30-1**
Addition for Keel below base line
for draught record.....inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... **421.00**
Length in Table **361.00**
Difference **60.00**
Correction for 10ft., Table A. **1.5** Table C.
× Difference divided by 10 **9.0** (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 **4.5** **+ 4 1/2**

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered **-3 1/2**
Thickness of usual wood deck, less stringer

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... **53-5 1/2**
Round of Beam **13.5**
Normal round..... **13.4**
Difference ÷ 2 =
Proportion of Deck uncovered (Para. 19)

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

Freeboard, Table A **7-6 1/2**
Correction for Sheer **-6 1/2**
..... **7-0**
Correction for Length **+4 1/2**
..... **7-4 1/2**
Allowance for Deck Erections **-1-8 3/4**
..... **5-11 3/4**
Correction for Round of Beam..... ✓
Correction for fall in Sheer (if any)..... ✓
Correction for Steel Deck (if required) **-3 1/2**
..... **5-8 1/4**
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) † }
Other Corrections (if any) ✓

Winter Freeboard **5-8 1/4**
Summer Freeboard **5-2 1/2**
Indian Summer Freeboard **4-8 3/4**
N. A. Winter Freeboard ✓

Correction necessary because clearside amidships, measured
in accordance with the Statute is not taken at the
intersection of the **wood** on steel deck with side. **1 3/4**

Winter Freeboard from deck line **5-9 3/4 10**
Summer " " " " **5-4 1/4**
Indian Summer " " " " **4-10 1/2 10**
N. A. Winter " " " " ✓

..... **5-4 1/2**

..... **6 3/4**

..... **5 1/2**

..... **5 1/2**

of this form.

as reported is measured relatively to the straight
line of water line the vessel's draft at time of
survey should be reported.

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Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck *yes*
 To what height do the Reverse Frames extend? *Channel framing*
 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 *Storm boards fitted full height in bulkhead*
 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 *The opening closed with a hinged steel door*
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*
 Give scantlings and spacing of the Stiffeners *9 x 3 1/2 x .46 BA N.B.S. 30" apart*
 Are bracket plates fitted at each end of the Stiffeners? *Top ends bracketed Bottom - lugged* 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? *Storm boards fitted full height in bulkhead channels*
 Is the Forecastle at least as high as the main or top-gallant rail? *yes* Has the Forecastle an efficient Iron 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? *Bridge Casings*
 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 *7-6*
 What is the height of the exposed Casings? *7-6* 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		No. 2		No. 3		No. 4		No. 5	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	29-3	20-0	30-4	20-0	8-8 x 20-10-8 x 20	30-4	20	30-4	30	30
	Sides	38		31		31	31	31	31	31	31
	Thickness	.44		.46		.44	.44	.44	.44	.44	.44
SHIFTING BEAMS OR WEB PLATES.	Number	Five		Five		One	One	Five		Five	
	Section and Scantlings	18 x 35		13 x 34		13 x 33	15 1/2 x 34	13 x 34		18 x 34	
	Material	4 x 3 x .44		4 x 3 x .44		4 x 3 x .44	4 x 3 x .44	4 x 3 x .44		4 x 3	
* FORE AND AFTERS.	Number	7 x 3 1/2 BA									
	Section and Scantlings	Single									
	Material	✓		✓		✓		✓		✓	
HATCHES Thickness		2 3/4		2 3/4		2 3/4	2 3/4	2 3/4		2 3/4	
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. What is the thickness of the Bridge Sheerstrake? *Strake between Main and Bridge Sheerstrakes? In Forecastle*

Delete the words { The Crew 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, ~~not~~ satisfactory. }

Length of Bulwarks in well *aft 70'*

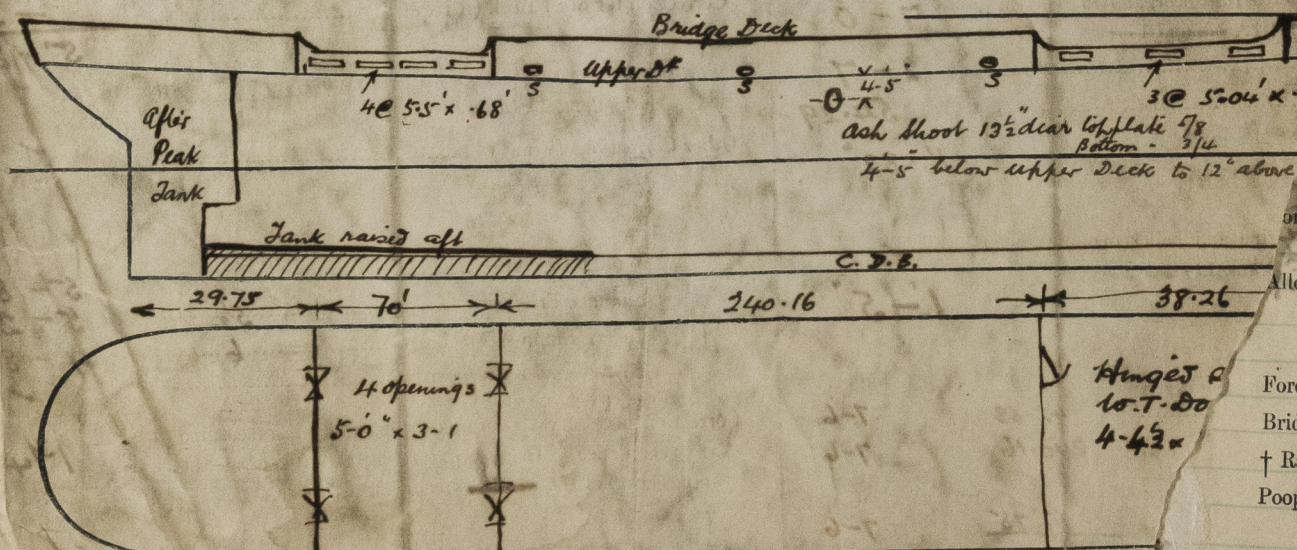
Area of Freeing Ports required by Para. 11 (e) each side of vessel = *Forward 38.26 ft*

Ft. Tenths. Ft. Tenths. No.

aft 5-5 x .68 x 4
Forward 5.04 x .68 x 3

Freeing Ports (each side of vessel) = *aft 14-96*

Total deficiency or excess = *.9*



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak

State any special features in the construction of the Vessel

There are no special features

Builder's name and yard number

Messrs Wm Gray & Co Ltd No 1028

Names of sister vessels

'Haxby' No 1767. Heronspool HPI RPT. 1674

Owners

Messrs Pyman & Co

Address

West

Estimated

10 : 1

To be charged

FREEBOARD recom

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