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29366

ABAY STAR
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 ITSWICH.
Date of Survey 27th September 1920
Name of Surveyor A. E. Tarnimer

CONNECTED WITH BRIDGE HOUSES, OR OF

Ship's Name	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
S. S. "Hynstone"	Llanelli British	145571	500	1920	+100 A.I. contemplated

Register Book

	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
from Register.	168'	24'55"	10'05"	436.38
Length on LOADLINE.	168'	mean Frame Depth 5' 5" Rule " 2 1/2" 1 1/2" Drop in tank - .25	Ceiling fitted 11' 9" Sheer + 75" Drop in tank 3" = +.12	Peak b'd. floor Tanks equal floors cargue
	168	27.30	11.92	436.38

Moulded Depth as measured..... 13'-4"

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

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	168	
Length in Table	160	
Difference	8	
Correction for 10ft., Table A. ....	.9	Table C. .5
× Difference divided by 10 .....	.72	(if required.) .40
If $\frac{6}{10}$ ths length covered divide by 2	+ $\frac{3}{10}$	+ $\frac{1}{2}$

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ ths length covered 55
Thickness of usual wood deck, less stringer 1.65 — 134

CORRECTION FOR ROUND OF BEAM.

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

Breadth at Gunwale amidships.....	<u>27</u>	should be reported on the full breadth of vessel at the gunwale.
Round of Beam	<u>6"</u>	
Normal round.....	<u>6.75</u>	
Difference	<u>.75 ÷ 2 = .375</u>	
Proportion of Deck uncovered (Para. 19)	<u>.45</u>	
	<u>.17 + $\frac{1}{2}$</u>	

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

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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....

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)

Difference

Percentage as below.....

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
Allowance for Deck Erections - 7 1/4

	Length.	Length allowed.	Height.
Forecastle.....	<u>23'-9"</u>	23.75	4'-6"
Bridge House .....	.....	.....	.....
† Raised Qr. Dk.....	<u>69'-0"</u>	69	4'-0"
Poop.....	.....	.....	.....
Total .....	.....	<u>92.75</u> × 8 =	.....

Length of Ship 168 ✓
Corresponding percentage { 4.11% ✓
(Para. 11, 12, 13, or 14) 25.28% ✓

FREEBOARD recommended amidships from centre of Disc to top of Statutory

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

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	1-4 1/2
Summer " " " "	1-2 3/4
Indian Summer " " "	✓
N. A. Winter " " " "	1-1

Deck Line, ~~Wood~~ (Iron) Deck :— 1-22
... .. 3

15

† 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.

ness, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside should be reported if possible.

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.

For vessels the total standard beam sheer means the sheer measured at the stem and stern-
raked vessels the total standard beam sheer means the sheer measured at points distant
vessels having poops and forecastles, it means the sheer measured at stem and stern-post.

W491-0112

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12 DEC 1942
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measured relatively to the straight
line the vessel's draft at time of
reported.
Cyclops Register
Foundation

Do all the Frames extend to the top height in the Poop? ☒ Raised Quarter Deck? *Yes* Bridge House? ☒ Forecastle? *Bulk'd at main deck*

To what height do the Reverse Frames extend? *Across floor only.*

Has the ~~Poop~~ 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? *No* 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? *Yes*

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? *Iron*

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

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 *Coaming 38" Plating 30" Stiffeners 2 1/2" x 2 1/2" x 25" 30" spacing.*

What is the height of the exposed Casings? *7'-0"* 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:—

Position and Size.		Main. 48'-10" x 16'-0"									
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING.	Height above top of DECK	4'-3"									
	Thickness {	Sides.....	4 1/4"								
		Ends.....	4 1/4"								
SHIFTING BEAMS OR WEB PLATES.	Number	15									
	Section and Scantlings	36 Plate 16" deep at cr.									
	Material	Double angle top & bottom 4" x 3" x 1/4"									
* FORE AND AFTERS.	Number	and fixed web at mid. length									
	Section and Scantlings	None									
	Material										
HATCHES Thickness	11 x 3"										
Remarks.....	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~~ 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.

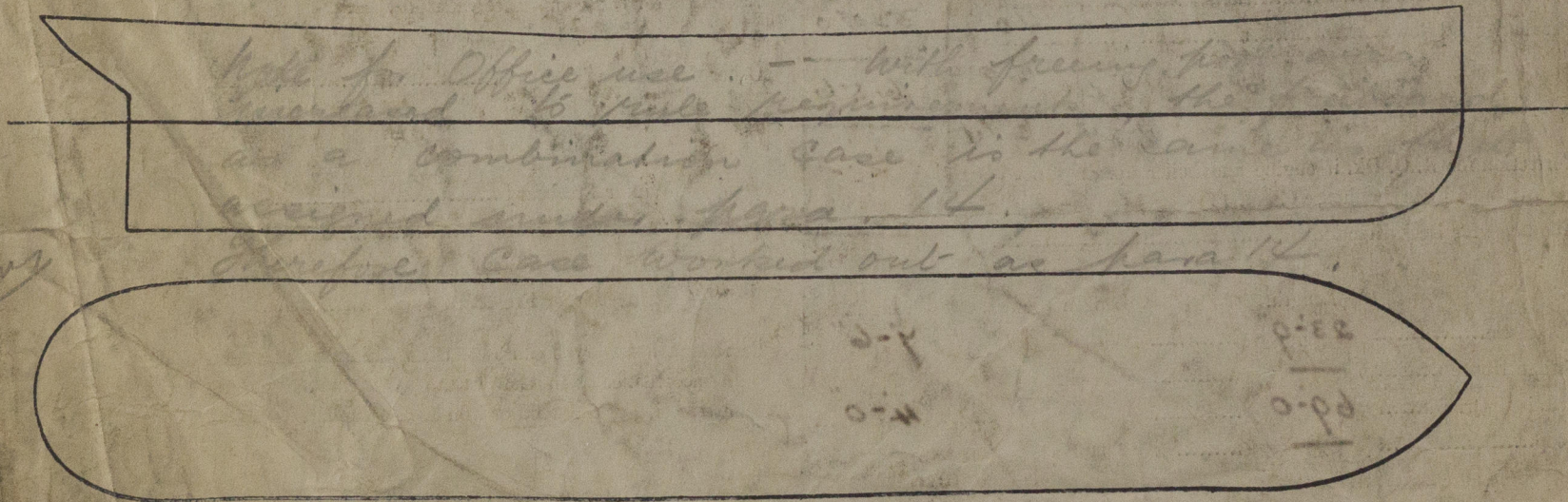
Length of Bulwarks in well- *88'-0"*

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

Ft. Tenths. Ft. Tenths. No. Freeing Ports (each side of vessel) = _____ Sq. ft.

2.25 x 1.5 x 5 each side

Total deficiency or excess = _____ Sq. ft.



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

Owners

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