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B. T. COPY WRITER
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TOP GALLANT FOR
WITH TOP GALLAN

Port of Survey Sunderland
Date of Survey While building
Name of Surveyor A. Urwin

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
KNIGHT OF THE ROSE Number in Register Book _____	Newport British	145653 ✓	✓	1929	Class contemplated

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	352.5	50.5	24.90	3590.60
Length on LOADLINE.	351.5	No Frame Depth 9 Rule „ 5 1/2 $2 \times \frac{3 1/2}{2} = .58$ Span = ceiling fitted	Ceiling + .20 Sheer + .63 Hand tanks top	Peak } bracketed Tanks } for 12" for in E.O.B at + 10" for. fwd. + 9 for 8" for fwd. hull + 6 1/2" in aft tank
CORRECTED DIMENSIONS.	351.5	49.92	25.73	3592.60

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.....**2**.....inches.

Length of Ship on Loadline.....	351.5	-	
Length in Table	327		
Difference	24.5	-	
Correction for 10ft., Table A.	1.4	-	Table C. .7 -
× Difference divided by 10	3.43	-	(if required.) 1.71 -
If $\frac{6}{10}$ ths length covered divide by 2	+ 3 1/2	-	+ 1 3/4 -

Proportion covered, if less than $\frac{7}{10}$ ths length covered511
Thickness of usual wood deck, less stringer $3\frac{1}{2}$
 $- 1\frac{3}{4} =$

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

Breadth at Gunwale amidships.....	49.0	round of b
Round of Beam	12 1/2 "	should be rep
Normal round.....	12 1/4 "	ed on the
Difference	1/4 ÷ 2 =	breadth of v
Proportion of Deck uncovered (Para. 19) .....	. 489	at the gunwale

Sheer { Stem..... 90 } 135 $\div 2 = 67.5$... Mean
at { Sternpost ... 45 }

Sheer at $\frac{1}{8}$ of the length from { Stem 49.5 } 74.5 $\div 2 = 37.25$... Mean
{ Sternpost 25.0 } $+ .55 = 67.80$

Gradual mean Sheer $\frac{67.5 + 67.8}{2} = 67.65$

Standard mean Sheer [Table, Para. 18] $\frac{45.15}{2}$ Correction

Difference..... $22.50 \div 4 = 5.62$

§ If limited as Para. 18 (f) -5½

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

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

Freeboard, Table C.....	3 - 4 ³ / ₄
Correction for Length, if required (Para. 12, 13 , and 14)	+ 1 ³ / ₄
	<hr/> 3 - 6 ¹ / ₂
Freeboard by Table A, corrected for sheer, and for length, } if required (Para. 11 , 12, 13 , and 14) }	6 - 3 ¹ / ₂
	<hr/> 2 - 9
Difference	
Percentage as below.....	32.88
	<hr/> 33 x 32.88
	100
	<hr/> 1085

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)	}	
Allowance for Deck Erections	.....	- 10 ³ / ₄

	Length.	Length allowed.	Height.
Forecastle.....	38.0	38.0 -	7.6"
Bridge House	107.5	107.5 -	7.6
† Raised Qr. Dk.....	-	-	- ...
Poop.....	34.25	34.25 -	7.6
Total		379.75	
Length of Ship		351.50	= .511
Corresponding percentage {			
(ara. 11, 12, 10, or 14)	= 32.88		

Freeboard, Table A	6 - 5 1/2	
Correction for Sheer	- 5 1/2	
	<hr/>	
Correction for Length	6 - 0	
	+ 3 1/2	
	<hr/>	
Allowance for Deck Erections	6 - 3 1/2	
	- 10 3/4	
	<hr/>	
Correction for Round of Beam.....	5 - 4 3/4	✓
Correction for fall in Sheer (if any).....		✓
Correction for Steel Deck (if required)	- 1 3/4	
	<hr/>	
	5 - 3 -	
Additions for non-compliance with provisions of {		
Para. 11 (d) and (e) ‡ {		✓
Other Corrections (if any)		✓

Winter Freeboard	5 - 3
Summer Freeboard $A = 4, C = 5\frac{1}{2}, \text{ allow } 4\frac{3}{4}$	4 - $10\frac{1}{4}$
Indian Summer Freeboard	4 - $5\frac{1}{2}$
N. A. Winter Freeboard	✓

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the ~~wood or steel~~ deck with side.

Winter Freeboard from deck line	5 - 4 ³ / ₄ -
Summer " " " "	5 - 0 -
Indian Summer " " "	4 - 7 ¹ / ₄ -
N. A. Winter	

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

Fresh Water Line	above centre of Disc	...	...	...	...	...	...	6 1/4
Indian Summer Line	"	"	"	"	"	"	"	5
Winter Line	below	"	"	"	"	"	"	4 1/2
Winter North Atlantic Line	"	"	"	"	"	"	"	4 1/2

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 first-class vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and stern-post.

+ 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.

76. $\frac{8840}{3525 \times 40} = 6.27$

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MARKING FORM
RECEIVED JUL 2

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? *Bulk angle 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 full depth in riveted channels*
 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 *Two steel watertight doors*
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*
 Give scantlings and spacing of the Stiffeners *8 x 3 1/2 x .54 5' space 30"*
 Are bracket plates fitted at each end of the Stiffeners? *Yes top & bottom* 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 full depth in riveted channels*
 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? *Yes*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Yes*
 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 *.34 plating, .38 coaming, 3 1/2 x 3 1/2 x .34 space 28 1/2"*
 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:— *On Bridge*

Position and Size.		No1. 24-9 x 18-0		No2. 30-0 x 18-0		No3. 16-3 x 18-0		No4. 30-0 x 18-0		No5. 25-0 x 18-0	
Item.	Ship.	Rule. †	Ship.	Rule. †	Ship.	Rule. †	Ship.	Rule. †	Ship.	Rule. †	
COAMING.	Height above top of DECK	36	as approved	36"	as approved	36	as approved	36	as approved	36	as approved
	Thickness {	Sides.....	.44	do.	.44	do.	.44	do.	.44	do.	
		Ends.....	.44		.44		.44		.44		
SHIFTING BEAMS OR WEB PLATES.	Number	4		5		2		5		4	
	Section and Scantlings	16" to 10" x 36	do.	16" to 10" x 36	do.	16" to 10" x 36	do.	16" to 10" x 36	do.	16" to 10" x 36	
	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	
* FORE AND AFTERS.	Number										
	Section and Scantlings		No	from	and	after	fitted.				
	Material										
HATCHES Thickness	2 1/2	do	2 1/2	do	2 1/2	do	2 1/2	do	2 1/2	do	
Remarks.....	Good		Good		Good		Good		Good		

* 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? *.53* Strake between Main and Bridge Sheerstrakes? *.53*

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 *90'-0" aft, 81'-5" fwd*

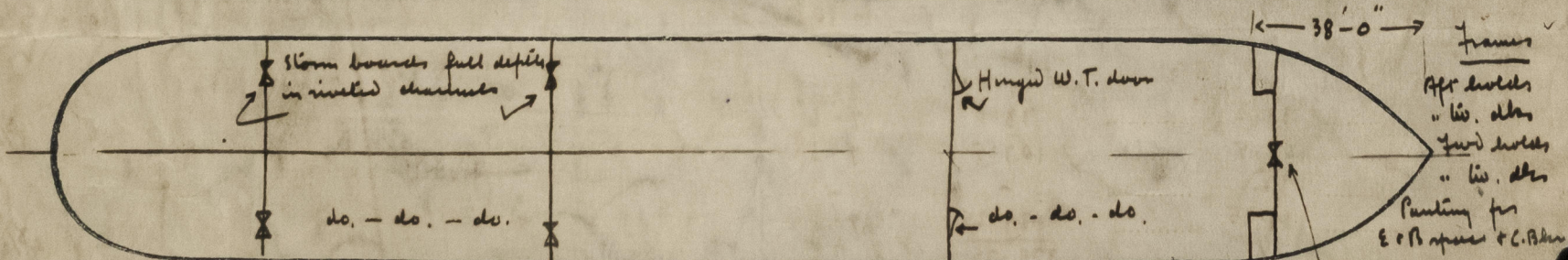
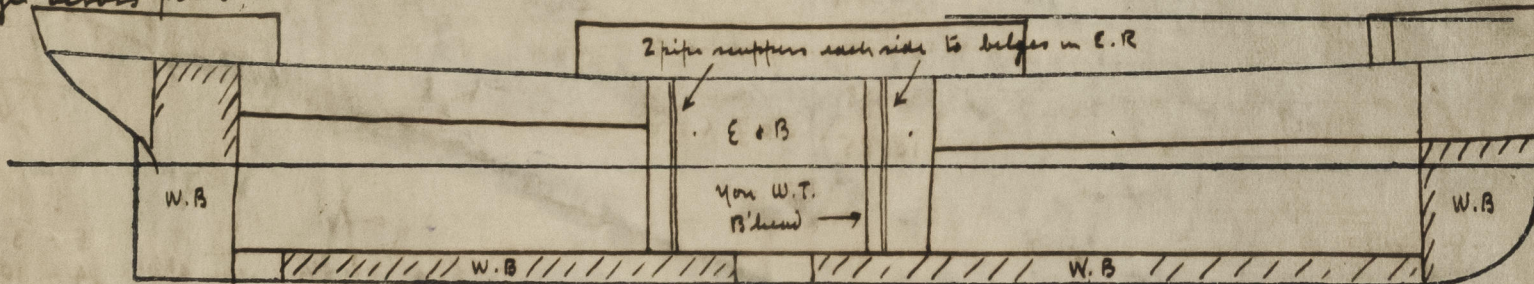
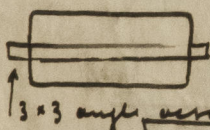
Area of Freeing Ports required by Para. 11 (e) each side of vessel = *34.50* Sq. ft.

Ft. Tenths. Ft. Tenths. No.

Aft 3.75 x 1.5 x 4
Fwd 3.5 x 1.5 x 4

Freeing Ports (each side of vessel) = *40.50* Sq. ft. *net*

Total deficiency or excess = *6.0* 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 *Deep twin decks forward (12'-0")*

Builder's name and yard number *See John Priestman & Co. Yard No. 293*

Names of sister vessels *"Knight of the Cross" (Yard No. 292)*

Owners *Parsons Thomas & Co. Ltd.*

Address *Newport (Mon)*

Fee £ *8 5 0* Received by me *See L.C. Report.*

Will be charged on completion

Load Displ. = 8840 tons at 22
 " T.P.I. = 35.25

Moulded Depth at 85% D.M. = 9090
 Corresponding T.P.I. = 35.25

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