

LL. 4.C.

Give full particulars of the following :—

basing, Top 7'-3" above Bridge D.
Biddley covers of steel, hinges in position.

Love

have

connection, type of closing arrangements) ← wood plugs & canvas covers

On Foot B:- coal vent coaming 30" high C-1 mushrooms 12" high

" Bridge B:- " " " " " "

" Foote " " " 36 " to hold 18" to account. Bogey funnel coamings 12" high

2 on 7' castle

4 in. grad well, 4 on bridge deck
4 in. after well.

{ 2'-7" } canvas covers
 to
 { 2'-10" under balconies. } provided

Sanitary discharge pipes, steel, outboard above upper D^h with c.i. storm valves
1 scupper P+S from upper D^h in Bunkers led to bilges & filter with
temporary closing appliances at deck.

In Prop 194S without deadlights, but emergency plugs provided

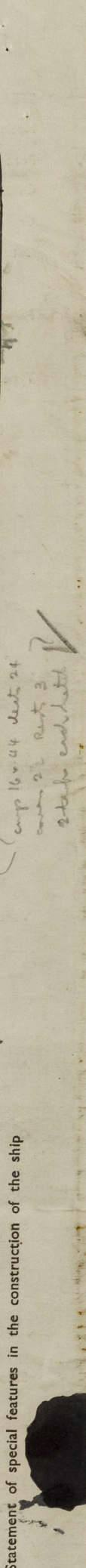
" Foale with inside hinged deadlights

In Bridge and Leds without Leadlights, but emergency plug provided

On Prop + Foele D^{rs} 2 rods 3'-8" high

" Bridge Dr 3-6" Bulwarks

A technical drawing of a ship's hull cross-section, showing the internal structure and the hull shape. The drawing is oriented vertically on the page. It features a central longitudinal section with various internal compartments and structural elements. The hull shape is defined by a curved outer line, and the internal structure includes several rectangular and curved sections. The drawing is a line drawing on a light-colored background.



Length on summer load line	349'	Moulded Breadth	50'	Moulded Depth	25'-10 1/2"	Depth of Keel	
Moulded displacement (ex bossing) at moulded draught of 85 per cent. of moulded depth				8479	Tons		
Co-efficient of fineness for use with tables	$\frac{\Delta \times 35}{L \times B \times D \times .85}$.7732	T/C.76		
Displacement and tons per inch immersion in salt water at summer load line				8442	835.1		
Moulded depth		25.875		Deduction for Fresh Water	$\frac{\Delta}{40 T} = 6.02 = 6$	inches	
Stringer Plate	.4"	.033		Round of Beam Correction			
Sheathing on exposed deck T	$\left(\frac{L-S}{L} \right)$			Ships' Round of Beam		12.5	inches
Rise of floor (in sailers)				Standard Round of Beam	$\frac{B \times 12}{50}$	12	
Depth for Freeboard (D)		25.908		Difference		.5	
Table Depth		23.267		Restricted to			
Depth Correction	$\frac{L}{130} \times$	2.641		Correction	$\frac{\text{Difference}}{4} \times \left(1 - \frac{E}{L} \right) = .125 \times .47 = .06$		
If restricted by superstructures							

Station	Actual Sheer	Standard Sheer	Effective Sheer	S.M.	Product
A.P.	18	44.9		1	48
1/2 L from A.P.	20	19.98		4	80
1/2 L from A.P.	5	4.94		2	10
Amidships	0	0		4	0
1/2 L from F.P.	17	9.88		2	34
1/2 L	54	39.96		4	216
F.P.	108	89.8		1	108
				18	496
Effective Mean Sheer				=	27.5
Standard „ „ .05L + 5				=	22.4
Difference					5.1

TABULAR FREEBOARD ~~corrected for flush deck if required~~ = 56.21

Correction for co-efficient = $\times \frac{1.4532}{1.46} = 60.08$

Summer Freeboard in inches = 49.61

Additional allowance for superstructures on

Timber carrying ships =

Summer Timber Freeboard in inches =

	Sailor, Tanker, Steamer	Timber
Depth to Freeboard Deck in feet	25.908	
Summer Freeboard in feet	4.134	
Moulded Draught (d)	21.774	(d1.)
Addition for Keel		
Extreme draught		
Deduction for Tropical and addition for Winter freeboard $d/4 =$	5.443	ins.
Addition for Winter North Atlantic (if required)		ins.
Deduction for Tropical Timber Freeboard $d/4$		ins.
Addition for Winter $d/4$		ins.
" " N.A. Timber Freeboard (if required)		ins.

SUMMER FREEBOARD recommended amidships from centre of disc to top of deck line, (_____ steel)					_____
TROPICAL FRESH WATER LINE above centre of disc					Corresponding Freeboard
FRESH WATER LINE	"	"	"	"	"
TROPICAL LINE	"	"	"	"	"
WINTER LINE	below	"	"	"	"
WINTER NORTH ATLANTIC LINE	"	"	"	"	"

SUMMER TIMBER FREEBOARD recommended amidships from centre of disc to top of deck line					
TROPICAL FRESH WATER Timber line above centre of disc					Corresponding Freeboard
FRESH WATER	"	"	"	"	"
TROPICAL	"	"	"	"	"
WINTER	"	below	"	"	"
WINTER NORTH ATLANTIC	"	"	"	"	"

PARTICULARS OF CLOSING APPLIANCES (state if capable of being manipulated from both sides)

Poop Bulkhead *Intact*

R.Q.D. "

Bridge Aft Bulkhead

" Forward "

Forecastle Bulkhead

Exposed Machinery Casings on }
Freeboard or R.Q. decks }

Exposed Machinery Casings on }
superstructure decks }

Machinery Casings within super-
structures not fitted with Cl. 1.
Closing Appliances

Deck houses on Flush Deck ships

*Weather boards full height in channels riveted to hull
(stark poop opening permanently closed)? 9 belted plates*

✓ Weather boards full height in channels riveted to hull

*✓ Hinged steel doors, operated one side (cargo space
(steel doors + 3 strong wood doors. Open passageway
at white*

Hinged steel doors. operated both sides

2 steel doors from ER to side bunkers operated both sides

2 " " " BR " " " " " " "

2 " " " coal lock " " " " " " "

*operate on each one
closed with dogs.*

	Length of Bulwark	Height of Bulwark	No. and size of Freeing Ports each side	Area each side	Rule Area
After Well	84'-6"	4'	3 @ 4'-3" x 1'-3"	1 @ 2'-3" x 1'-4"	16.9 sq ft.
Forward Well	75'-10"	4'	4 @ 4' x 1'-3"	1 @ 2'-3" x 1'-4"	15.17 "
State fore and aft position and height above deck to bottom of port, for each port	After Well from fore 9'-10", 19'-6", 36'-9", 39'-4" centres 1'-1" above deck Forward Well from aft 9'-6", 16'-2", 36'-3", 32'-3", 62'-6" centres 1'-1" "				
State whether freeing ports are fitted with shutters, bars or rails, and give particulars	All vertical bars, 5" x 8" in N				
Give particulars of freeing port area, etc., on superstructure decks	1 the right bar across opening 2 @ 2'-3" x 1'-4" P & S with 1" bars 4 1/2" above d. 1 1'-8" x 1'-4" " 12" above d. hinged shutters				

PARTICULARS OF ALL HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS

[illegible]

[Surveyors are to note that wood fore and afters are to be steel shod at all bearing surfaces.]

Are wood fore and afters steel shod at all bearing surfaces?

Are battens and wedges efficient and in good condition? *yes.*

Are tarpaulins in good condition and in accordance with rule requirements

Are lashings provided in accordance with rule requirements? *Yes.*

1

~~Gangways and Lifelines~~

fitted each side in fore well.

Gangway, Cargo and Coaling Ports in sides of ship

SUPPLEMENTARY REQUIREMENTS FOR STEAMER CARRYING TIMBER DECK CARGOES

Do Superstructures and Machinery Casings comply with rules?

Is provision made for protection of steering gear, and is emergency steering gear provided?

Are efficient uprights, sockets and lashings provided according to rules?

State particulars of longitudinal subdivision in double bottom

State particulars of Bulwarks and Rails

Approval date of plans and full particulars of arrangements for stowing and securing timber

The scantlings and protective arrangements being in accordance with the Freeboard rules it is submitted that the freeboard be assigned

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

on the 15th February 1933.

Chief Surveyor.

Secretary.