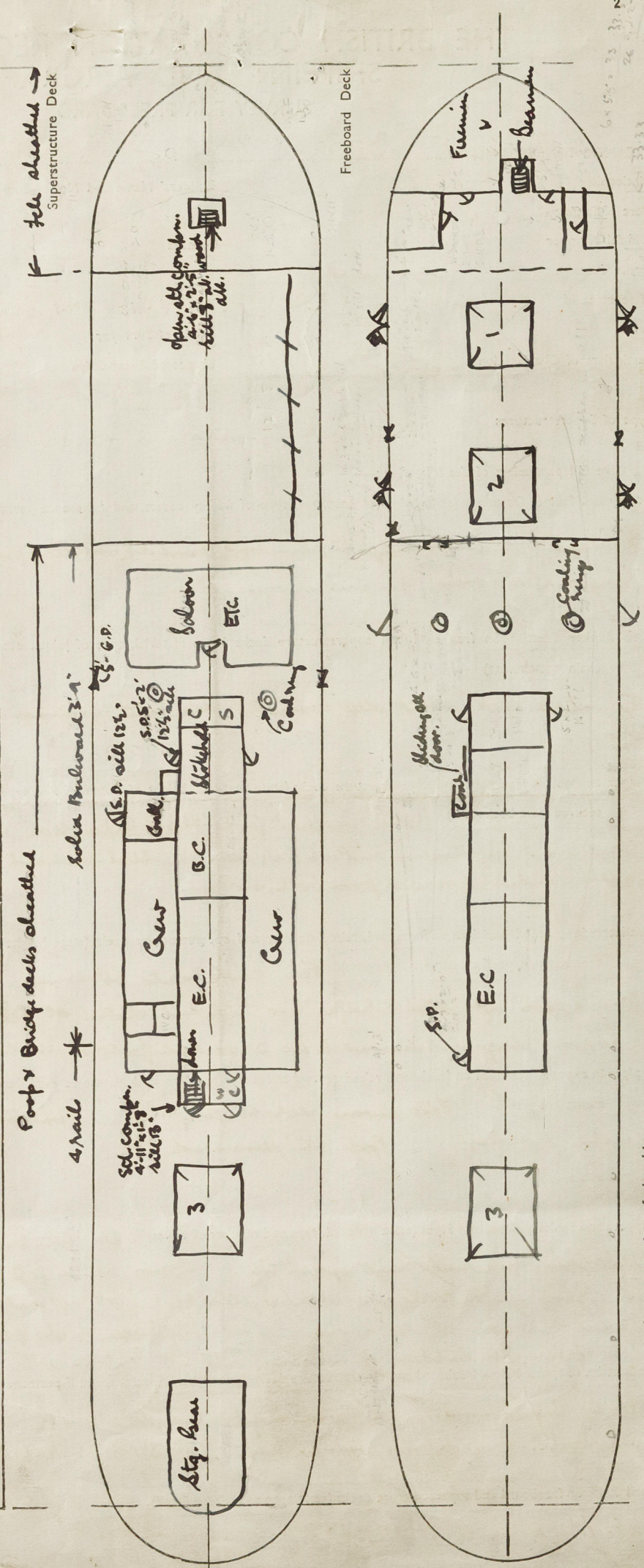


Superstructure bulkheads, trunks, deckhouses, casings, cargo and coaling hatches, extent and thickness of deck sheathing, gangway, cargo, and coaling ports, and any other openings, etc., which would affect the construction of the ship are to be shown on the following sketches.



Statement of special features in the construction of the ship

COMPUTATION OF FREEBOARD.

Length on summer load line 241.83 Moulded Breadth 34'-0" Moulded Depth 17'-0" Depth of Keel
Moulded displacement (ex bossing) at moulded draught of 85 per cent. of moulded depth 2253 Tons
Coefficient of fineness for use with tables $\Delta \times 35 = .664$ use .68 min
Displacement and tons per inch immersion in salt water at summer load line 2624 ± 16
Moulded depth 17.0 Deduction for Fresh Water $\frac{\Delta}{40T} = 4.1 = 4$ inches
Stringer Plate .5 .042 Round of Beam Correction
Sheathing on exposed deck T $(\frac{L-S}{L})$ Ships Round of Beam 8.5 inches
Rise of floor (in sailers) 17.042 Standard Round of Beam $\frac{B \times 12}{50} = 8.16$
Depth for Freeboard (D) 16.122 Difference .34
Table Depth $\frac{1}{130} \times .92 = 1.711$ Restricted to
Depth Correction $\frac{1}{130} \times .92 = 1.711$ Correction $\frac{\text{Difference}}{4} \times (1 - \frac{E}{L}) = .085 \times .2597 = .0221$
If restricted by superstructures

	Enclosed Length	Length of Overhang	Height	Mean Covered Length (S)	Height Correction	Effective Length (E)	
Poop							Standard Height of Superstructure 6
Revised Quarter Deck							" " R.Q.D.
Bridge	148.5		7.33	148.5	.943	140.05	Percentage covered S/L = 79.32
Forecastle	43.33		do	43.33		38.96	" " E/L = 74.03
Trunk Aft	34.6		8.73				" " from Table line A, B, (corrected for absence of forecastle if required) 67.957
Forward							Percentage from Table by interpolation for Bridge less than .2L if required =
Tonnage Opening Aft							Deduction = $30.183 \times 67.957 = 20.512$
Forward							Percentage from Table for Tankers (or Timber ships) =
Totals				191.83		179.01	Deduction =

Station	Actual Sheer	Standard Sheer	Effective Sheer	S.M.	Product	Mean Actual sheer aft	Mean Actual sheer forward
A.P.	30	34.18	30	1	30		$\frac{14.687}{22.789} = .864$
1/2 L from A.P.	14	14	4	4	56		
1/2 L from A.P.	4	4	2	2	8		
Amidships	0	0	0	4	0		
1/2 L from F.P.	7	7	2	2	14		
1/2 L	25.5	25.5	4	4	102		
F.P.	60	68.37	60	1	60		
				18	270		
Effective Mean Sheer					15		
Standard		.05L + 5			17.092		
Difference					2.092		

Effective Mean Sheer = 15
Standard = .05L + 5 = 17.092
Difference = 2.092
Checked by 14/7/32
TABULAR FREEBOARD corrected for flush deck if required 30.666
Correction for coefficient

	+	-		Seiler, Tanker, Steamer	Timber
Depth correction	1.71				
Deduction for superstructures		20.51			
Sheer correction	.74				
Round of Beam correction		.02			
Correction for thickness of deck amidships					
Other corrections, scantlings, etc.					
	2.45	20.53	18.08		
Summer Freeboard in inches			12.586		
Additional allowance for superstructures on Timber carrying ships			4		
Summer Timber Freeboard in inches			16.586		

DRAUGHTS AND SEASONAL CORRECTIONS

	Seiler, Tanker, Steamer	Timber
Depth to Freeboard Deck in feet	17.042	
Summer Freeboard in feet	1.049	
Moulded Draught (d)	15.993	16'-0" at 1'-0 1/2"
Addition for Keel		
Extreme draught		
Deduction for Tropical and addition for Winter freeboard d/4 =	3.998	
Addition for Winter North Atlantic (if required)		
Deduction for Tropical Timber Freeboard	4	
Addition for Winter		
N.A. Timber Freeboard (if required)		

Assgd. 14/7/32

SUMMER FREEBOARD recommended amidships from centre of disc to top of deck line, (steel)	1'-0 1/2"
TROPICAL FRESH WATER LINE above centre of disc	8"
FRESH WATER LINE	4"
TROPICAL LINE	4"
WINTER LINE below	4"
WINTER NORTH ATLANTIC LINE	6"
SUMMER TIMBER FREEBOARD recommended amidships from centre of disc to top of deck line	
TROPICAL FRESH WATER Timber line above centre of disc	
FRESH WATER	
TROPICAL	
WINTER	
WINTER NORTH ATLANTIC	

Coaming	Plating	Stiffeners	Spacing	End Attachments	No. and size of Openings	Height of Sills	Height of Casings
Poop Bulkhead							
R.Q.D.							
Bridge Aft Bulkhead							
Forward							
Forecastle Bulkhead							
Trunk, Aft							
Forward							
Exposed Machinery Casings on Freeboard or R.Q. Decks							
Exposed Machinery Casings on superstructure decks							
Machinery Casings within Superstructures not fitted with Cl. 1. closing appliances							
Deckhouses on flush deck ships							

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

Poop Bulkhead	
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 superstructures not fitted with Cl. 1. Closing Appliances	
Deck houses on Flush Deck ships	

Weather boards full height in riveted channels, T bar at cr.
Wooden doors manipulated either side.

Hinged steel doors to stokehold manipulated both sides.

" " door

PARTICULARS OF FREEING ARRANGEMENTS

Length of Bulkhead	Height of Bulkhead	No. and size of Freeing Ports each side	Area each side	Rule Area
After Well				
Forward Well	50'	7'-0" 12 1.5 x 2.5	12.51	11.5
State fore and aft position and height above deck to bottom of port, for each port		After Well 20 1.75 x 2.5 in large door		
State whether freeing ports are fitted with shutters, bars or rails, and give particulars		Forward Well du page 2. Sills 12"		

Give particulars of freeing port area, etc., on superstructure decks
Fitted with shutters and 2 hough bases

PARTICULARS OF ALL HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS

UPPER DK.	UPPER DK.	BRIDGE DK.	UPPER DK.
1	2	3	4
12'-0" x 12'-0"	18'-0" x 12'-0"	20'-0" x 12'-0"	14'-3" x 12'
24"	24"	36"	12" side 16" center
.5	.5	.5	3.5
7-3/4" side none	0.01	0.01	-
none	18.8" x 12" center	-	-
2	3	3	2
4'-0"	4'-6"	5'-0"	4'-9" 4'-0"
3 x 3 x 4 12 x 5	no No. 1	no No. 1	0.01
3" x 5"	3" x 5"	3" x 5"	3" x 5"
W.P.	W.P.	W.P.	W.P.
3" side	3" side	3" side	3" side
F. + A.	F. + A.	F. + A.	0.01
3"	0.01	0.01	3
22"	.	.	20
3	.	.	3

[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?
Are tarpaulins in good condition and in accordance with rule requirements
Are lashings provided in accordance with rule requirements?

Gangways and Lifelines

GANGWAY DISPENSED WITH. 2/6/38
one star side 2'-4" wooden gangway with stanchions and 2 rows of chains

Gangway, Cargo and Coaling Ports in sides of ship

see page 2

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 17th August 1932



Chief Surveyor.

Lloyd's Register
Foundation
Secretary.