

222226

DEDUCTION FOR SUPERSTRUCTURES.

Standard Height of Superstructure..... 1830

" " R.Q.D. ✓

Deduction for complete superstructure..... 654.

Percentage covered $\frac{S}{L} = 57.23$

" " $\frac{S_1}{L} = 45.34$

" " $\frac{E}{L} = 45.34$

Percentage from Table, Line A. 28.04
(~~corrected for absence of forecastle (if required)~~)

Percentage from Table, Line B. ✓
(corrected for absence of forecastle (if required))

Interpolation for bridge less than $\cdot 2L$ (if required)

Deduction = $654 \times .2804 = -183\frac{1}{2}$

$$\frac{\text{Mean actual sheer aft}}{\text{Mean standard sheer aft}} = \text{Excess}$$

$$\frac{\text{Mean actual sheer forward}}{\text{Mean standard sheer forward}} = \text{Deficient}$$

Length of enclosed superstructure forward of amidships = } Sheer
 " " aft of " = } deficient

<u>Sheer forward</u>	<u>Standard</u>	<u>Actual</u>
495	15	
1983	1050	
1509	1265	
<u>3987</u>	<u>2330</u>	

8611) = + 48%
 639

If limited to maximum allowance of $1\frac{1}{2}$ ins. per 100 ft.

$$\begin{array}{r} 576 \\ 576 \\ \hline \end{array}$$

+	-
245	-
-	183
48	-
-	1
59	-
-	-

Depth Correction	...	...	...	...
Deduction for superstructures			...	...
Sheer correction	...	...	...	...
Round of Beam correction	...		...	...
Correction for Thickness of Deck amidships				
Other corrections, scantlings, etc.	...			...

Summer Freeboard = 744

Tropical Fresh Water Line above Centre of Disc	...	...	22	Cent
Fresh Water Line	"	"	11	"
Tropical Line	"	"	11	"
Winter Line below	"	"	11	"
Winter North Atlantic Line	"	"	16	"

Tropical Fresh Water Freeboard ...	52
Fresh Water ...	63
Tropical ...	63
Winter ...	85
Winter North Atlantic ...	90

MARRIAGE FORM

MARKING FORM
28 JUN 1957

MARKING FORM

27/1/11

RECEIVED

RECEIVED 123 SEP 1933

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECK										
Description of Hatchway			A. TO TWEEN DECK	B. TO TUNNEL	C. TO AFTERPEAK.					
Dimensions of Hatchway			6'8" x 13'0"	13'3" x 4'6"	3'6" x 7'0"					
COAMINGS	{	Height above Deck	21" ABOVE WOOD DK.	20" ABOVE WOOD DK.	23" ABOVE STEEL DK.					
		Thickness {	Sides	.28	.34	.28				
			Ends	.28	.34	.28				
		Stiffeners	✓	✓	✓					
		Brackets, Stays	✓	✓	✓					
HATCH BEAMS	{	Number	one	none	none					
		Spacing	3'4"							
		Scantling and Sketch	I 9 1/2 x 4 x .40 / .36	chart 20						
		Bearing Surface	1 1/2"							
FORE AND AFTERS	{	Number								
		Spacing								
		Unsupported Lengths								
		Scantling and Sketch								
		Bearing Surface								
HATCH COVERS	{	Material	PINE	PINE	PINE					
		Thickness	2" 2 3/4"	2"	2"					
		How fitted	longitudinally.	athwartships.	longitudinally					
		Bearing Surface	2 1/4" 2 1/2"	2 1/4"	2 1/4"					
Spacing of Cleats			24"	24"	24"					
Number of Tarpaulins			TWO.	TWO.	TWO.					
*Are wood fore and afters steel shod at all bearing surfaces? <i>Yes</i>										
Are battens and wedges efficient and in good condition? <i>Yes</i>										
Are tarpaulins in good condition and in accordance with rule requirements? <i>Yes</i>										
Are lashings provided in accordance with rule requirements? <i>✓ X</i>										

Particulars of fiddle, funnel and ventilator coamings:— Motoroom skylight all steel with steel flaps strongly constructed. Fiddle, funnel and ventilators in efficient condition.

Particulars of Flush Bunker Scuttles:— none fitted.

Particulars of Companionways:— Steel companion on forecabin deck leading to officers quarters. sill 12" above wood deck, hatch doors operated from both sides. Steel companion on foreboard deck aft leading to crews space. sill 13" above wood deck, hatch doors operated from both sides.

Particulars of Ventilators in exposed positions on freeboard and superstructure decks:— On forecabin deck 1 vent 15" dia. coaming 26 1/2" to accommodation. On navigating bridge 2 vents 16" dia. " 20 1/2 x 30 " " On fiddle casing 1 vent 24" dia. " 30 1/2 x 36 " motoroom. Wood plugs and canvass covers for all vents on board and govt.

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:— On forecabin deck 2 off 6" dia. fitted with patent caps. from duplex. On foreboard deck 2 off 6" dia. fitted with patent caps. " " " 1 off 3" dia. x 29" high afterpeak tank. Canvass covers for all air pipes on board and govt.

Particulars of Gangway Cargo and Coaling Ports:—

Particulars of Scuppers and Sanitary Discharge Pipes — 9 scupper pipes from foreboard deck in alley way and abaft bridge. 2 scupper pipes from bridge and forecabin deck.

Particulars of Side Scuttles:— none below foreboard deck.

Particulars of Guard Rails:— On forecabin and bridge deck forward portion steel bulwarks 40" high efficiently constructed and supported. " " " " after portion open railing with 3 wds and slanting bars spaced 4'6" apart. On foreboard deck abaft bridge steel bulwarks 3'3" high, efficiently constructed and supported.

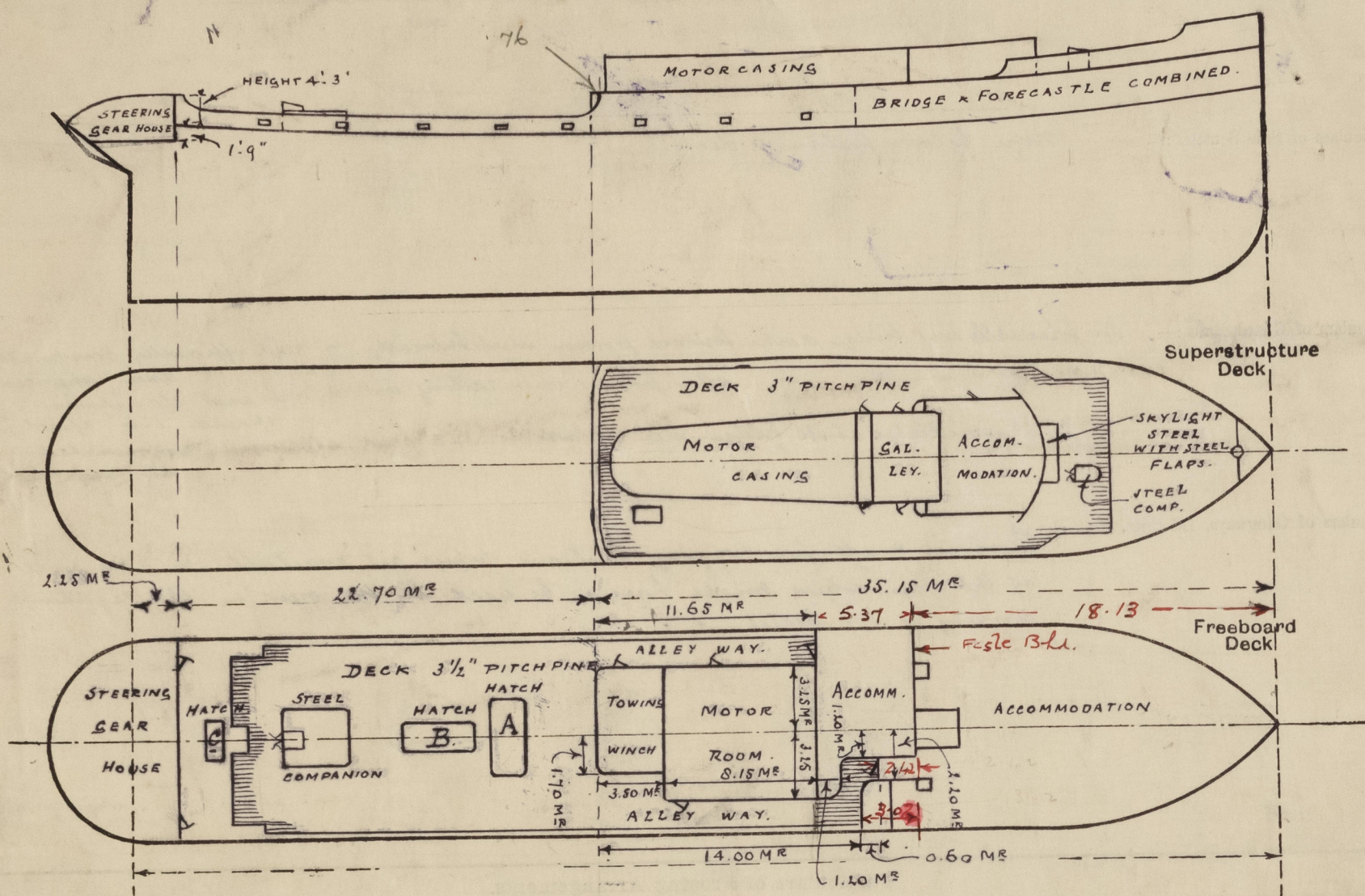
Particulars of Gangways, Lifelines, etc.:— Provision made for rigging lifelines which are available in any part of the ship which might have to be used by the crew in the regular working of the vessel.

Particulars of Freeing Arrangements.						
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well	23 1/2 x 11 7/8	1.00 M.	700 x 460 mm	5.	1.61	1.43
In alley way Forward Well under bridge	—	—	500 x 380 mm	3.	0.57	
<p>State position of each freeing port ... After Well: 8" above deck edge (F. and A. position and height above deck edge) Forward Well: in alley way. 13" above deck edge</p> <p>State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— steel hinged shutters.</p> <p>Additional area where sheer is less than standard.</p>						

Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
SUNK								
Poop Bulkhead	—	30	3 1/2 x 2 1/2 x 30	28"	none	2'6" x 1'6"	8"	4'3"
Raised Quarter Deck Bulkhead	✓							
Bridge, After Bulkhead	open	?				4'3" x 2'0"	19"	4'5"
Bridge, Forward Bulkhead	✓							
Forecabin Bulkhead	✓							
Trunk, Aft	✓							
Trunk, Forward	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	✓							
Exposed Machinery Casings on Superstructure Decks	✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	18 x 34	28	3 1/2 x 2 1/2 x 28	30"	connected to beams	4'3" x 2'0"	19"	7'5"
Deckhouses on Flush Deck Ships	✓							

Particulars of Closing Appliances (state if capable of being manipulated from both sides).	
SUNK	
Poop Bulkhead	Steel hinged watertight doors operated from both sides.
Raised Quarter Deck Bulkhead	✓
Bridge, After Bulkhead	Steel hinged non watertight doors operated from both sides.
Bridge, Forward Bulkhead	✓
Forecabin Bulkhead	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	✓
Exposed Machinery Casings on Superstructure Decks	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	Steel hinged non watertight doors operated from both sides.
Deckhouses on Flush Deck Ships	✓

Superstructure bulkheads, trunks, deckhouses, casings, cargo and coaling hatchways, extent and thickness of sheathing on the freeboard deck, gangway, cargo and coaling ports, and any other openings, etc., which would affect the seaworthiness of the ship are to be shewn on the following sketches:—



Forecastle 18.13

$$\frac{2.42 \times 1.1}{4.724} = .51$$

$$\frac{3.02 \times 2.3}{4.724} = 1.47$$

$$\frac{1.47}{20.71} \text{ equivalent}$$

Mean length of sheathing 20.19 M exposed.

State any special features in the construction of the ship:—

Extreme displacement on	4.80 ME draught	-	1307.5 M ³
	4.90 ME "	-	1350.0 M ³
	5.10 ME "	-	1436.0 M ³

Builder's name and yard number *N.V. L. Smit & Zoon's Scheeps- & Werktuigbouw Yard number 872.*

Names of sister ships *Application form attached to this Report.*

Owners *N.V. L. Smit & Co's Sleepdienst.*

Fee *96.00* will be Received by me *L. Vuyk*



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