

## Lloyd's Register of British &amp; Foreign Shipping.

## SURVEYS FOR FREEBOARD.

JUL. JUN. 16. 1914

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING ~~SPAR OR~~  
AWNING DECKS.Port of Survey NEWCASTLE-ON-TYNE.Date of Survey 11th June. 1914.Name of Surveyor E. J. Milton

Ship's Name. Van der Dagen Port of Registry and Nationality. Rotterdam Dutch Official Number. 328979 Gross Tonnage. now completing Date of Build. 100A1. Aug 5th with Freeboard (contemplated)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
	<u>331.1</u>	<u>45.2</u>	<u>25.65</u>	<u>2836.38 to Aug 5th. 1882.93 to 4th Dec. 1913.</u>
Length on LOADLINE	<u>331.1</u>	Frame Depth <u>18.2</u> Rule <u>18.2</u> Sheer <u>18.2</u> Tanks <u>18.2</u>	Peak <u>18.2</u>	
CORRECTED DIMENSIONS.	<u>331.1</u>	<u>45.11</u>	<u>18.37</u>	<u>1852.39</u>

Moulded Depth as measured 20.15 Upper Deck. 28.0 Span or Awning Deck.

Co-efficient of fineness ..... .674  
Any modification necessary [Para. 4 (a) to (e)] ..... .02 all 50  
Co-efficient as corrected ..... .654

Allowance for strength in excess of Lloyd's rules = 22"State particulars—  
I  
y Calculation

Vessel to have Board of Trade Certificate.

5 watertight bulkheads to Awning Deck.

Vessel constructed with two complete steel decks with beams to every frame. Topsides plating increased in thickness. Steel lower deck with beams to every frame before and abaft the engine & boiler space.

Gradual mean Sheer 64.54  
Standard .. 43.11  
36/21.43  
.59

Upper and Awning Decks  
Sheer at Stem ..... 85.5" at  $\frac{1}{2}$  length from Stem ..... 46"  
Sternpost... 47.0" " " Sternpost... 25"  
Drop in Sheer abaft amidships.....

Round of Spar-deck Beam..... 11 1/4  
" " Main-deck " ..... 11 1/4

Length x Height. State if open or closed at ends.  
Forecastle ..... 42.6 x 7.6 Closed with open passageway.  
Bridge ..... x  
Poop ..... x

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

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

NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength.  
All vessels equal in strength to Lloyd's Awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for a Spar-decked Vessel, are to be considered as Awning-decked Ships, the freeboard for which will vary with their strength.

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

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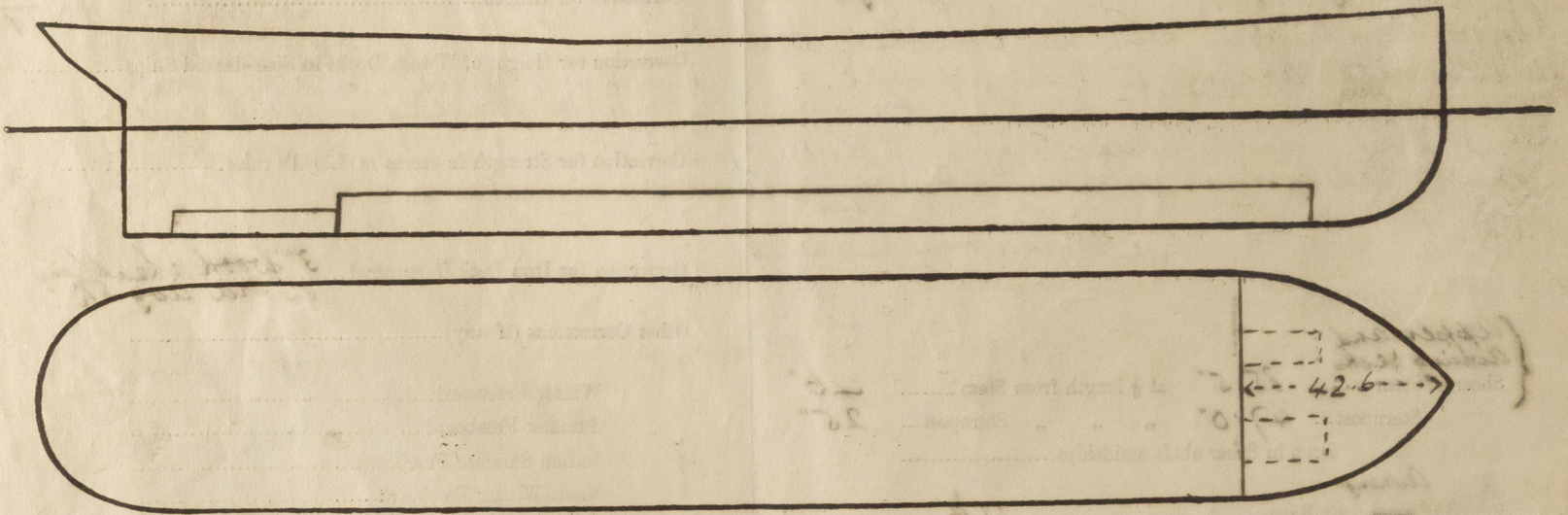


Do all the Frames extend to the top Height in the Spar deck? ☒ Awning deck? *Yes scarp'd to B.A. frame.*  
 Do all the Frames extend to the top height in the Poop? ☐ Bridge House? ☐ Forecastle? *Yes.*  
 To what height do the Reverse Frames extend? \_\_\_\_\_  
 Has the Poop an efficient Iron Bulkhead at the fore end? \_\_\_\_\_  
 Give particulars of the means for closing the openings in Bulkhead \_\_\_\_\_  
 Is the Poop connected with the Bridge House? \_\_\_\_\_ 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? \_\_\_\_\_  
 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? *7.6* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Yes with open pan*  
 Are the Engine and Boiler openings covered by a Bridge, Poop, } *Inclosed in a strong steel deck house.*  
 or enclosed by a Strong Iron or Steel Deckhouse? }  
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? \_\_\_\_\_  
 Give thickness of plating; scantlings and spacing of Stiffeners \_\_\_\_\_  
 What is the height of the exposed Casings? \_\_\_\_\_ 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.		No. 1. 12' 0" x 12' 6"		No. 2. 20' 0" x 12' 6"		No. 3. 18' 0" x 13' 6"		No. 4. 12' 0" x 13' 6"			
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30	✓	30	✓	30	✓	30	✓		
	Sides.....	40		44	✓	44	✓	40			
	Ends.....	36		40		40		40			
SHIFTING BEAMS OR WEB PLATES.	Number .....	1		3		2		1			
	Section and Scantlings.....	I steel joist	✓	I 2 steel joists	✓	I steel joists	✓	I steel joists	✓		
	Material.....	12x6x7/1x40		12x6x7/1x40		12x6x7/1x40		12x6x7/1x40			
FORE AND AFTERS.	Number.....										
	Section and Scantlings.....	None.	✓		✓						
	Material.....										
HATCHES Thickness .....		3" Baltic Pine	✓								
Remarks.....		Fitted for raft.									

\* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

(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.) *None below Awg SK.*



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 *This report refers to Messrs Swan Hunter & Wigham Richardson no. 961 which is a sister vessel to s.s. "van Hogendorp" yard no. 953.*  
*The tonnage is measured to an assumed ceiling of 3" on tank top which is insulated to the lining on face of frames. In way of deep tank aft the tonnage measured to the height of the ordinary floors, the tonnage between this & the level of the cellular DB tank top is 34.54 tons.*  
*The approved plans are now in the London Office.*

Owners

Address

Fee £

Received by me



*E. J. Milton*  
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