

# Awning or Shelter Deck, or Pt. Awning Deck.

# STEEL STEAMER.

No. 12036

Port of Rotterdam Date of completion of Report 31 October 1921 Received at London Office FRI. 4 NOV. 1921  
Survey held at Rotterdam Date, First Survey 29 September 1921 Last Survey 28 October 1921  
On the (State if Single, Twin, or Triple Screw) Single Screw Steamer ALM KERK ex WALTHAM ABBEY Rig Schooner 2 mstrs.

**TONNAGE under**  
**Tonnage Deck...**  
Upper Dk. 6475.96  
Dk. 4062.03  
House 4309.63  
Hatchways 4309.63  
of 4309.63  
ge 4309.63  
ce 4309.63  
on of 4309.63  
n... 4309.63  
FEES... 4309.63  
oom 4309.63  
n Spaces 4309.63

**CLASS** 100 A1  
**Breadth** (greatest moulded) 60-10  
**Depth**, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 39-3  
**Deduct** height of 'tween deck when this does not exceed 8ft. 31-3  
**Transverse Number** 92-1  
**Length** on deck from fore part of stem to after part of sternpost 442-9  
**Longitudinal Number** 43532  
**Depth "d"** at middle of length. See Secs. 2 & 13... 35-4  
**Proportions**, Depths to Length, Uppermost Continuous Deck at side to top of keel 12.04  
" " " Upper Deck at side to top of keel 15

**Master** V  
**Year of Appointment** 1913  
**Built at** Geestemond  
**When built** 1913 **Launched** ?  
**By whom built** John P. Teeklenborg A.-G.  
**Owners** N.V. Vereenigde Nederlandsche Scheepvaart Maatschappij  
**Managers** Holland-Australische Wm. Ruys & Zonen  
**Residence** Graaen hage  
**Port belonging to** Rotterdam

**Destined Voyage** N Surveyed while Building, Afloat, and in Dry Dock

Ft.	Ins.	BREADTH	Ft.	Ins.	DEPTH, ACTUAL	Top of Floors to top of Awn. or Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid
472	9	Moulded	60	10	Do.	do.	36	4	3
per Register,					Awn. or Shelter Dk.	Moulded depth, ft. 39 ins. 3	To Awning or Shelter Dk.	Round up of Uppermost Dk. Beam, Actual	15 ins.
h 472.2	breadth 60.95	depth 28.5			Upper Deck.	Moulded depth, ft. 31 ins. 3	To Upper Dk.		

FRAMING.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
For L Bars, amidships	9 1/2 x 3 1/2	50	9 1/2 x 3 1/2	50	9 1/2 x 3 1/2	50
For L Bars, fore and aft	9 1/2 x 3 1/2	50	9 1/2 x 3 1/2	50	9 1/2 x 3 1/2	50
Double Bottoms at Solid Floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42
" at intermdt. Bkts.	1	1	1	1	1	1
es from centre to centre amidships	29 1/8	✓		29 1/8	✓	
to collision bulkhead " from 3/8"	27 1/8	✓		27 1/8	✓	
es from centre to centre in peaks	23 5/8	✓		23 5/8	✓	
FRAME, Angles	4 3/4	3 1/2	48	4 3/4	3 1/2	48
Double bottoms at Solid Floors	3 1/8	3 1/8	42	3 1/8	3 1/8	42
" at intermdt. Bkts.	1	1	1	1	1	1
h of girder	10 1/4	✓		10 1/4	✓	
and thickness of Floor Plate	Double			Double		
line for 1/2 length amidships	x Bottom			x Bottom		
Engine and Boiler spaces	all fore			all fore		
s at the ends of vessel	and aft			and aft		
1/2 the half-bdth. as per Rule	✓			✓		
extended at the Bilges	✓			✓		
Double Bottoms	42-36			42-36		
if flanged (top and bottom)	angle bar			angle bar		
ing of Solid	one frame space			one frame space		
ER, in Dbl. bottom, dpth. & thcknss	3-11 x 53-44			3-11 x 53-44		
" Angles, Top	3 1/2	3 1/2	48	3 1/2	3 1/2	48
" " Bottom	5	5	52	5	5	52
" " to Floors	5	5	52	5	5	52
ats at intermdt. frmg., wdth & thcknss	✓			✓		
S, number and thickness	2	42-36		2	42-36	
state if flanged (top & bottom)	angle bar			angle bar		
depth (exclusive of flange)	3 1/8	3 1/8	42	3 1/8	3 1/8	42
and thickness	4 1/2 x 48			4 1/2 x 48		
to outside plating	4	4	48	4	4	48
to floors	3 1/8	3 1/8	42	3 1/8	3 1/8	42
ts at intermdt. frmg., wdth & thcknss	✓			✓		
of Brackets above at bilge	2-8			2-8		
OM PLATING, breadth and	42 1/2 x 49-42			42 1/2 x 49-42		
s of Middle Line Strake	54	under 40		54	under 40	
knss in Engine and Boiler space	42-38			42-38		
Remainder in Holds	8	3 1/4	54	8	3 1/4	54
or Shlir Dk, Single Angle,	29 1/8	✓		29 1/8	✓	
gle, Plate, Tee Bulb or Channel	9 1/2 x 3 1/2	50		9 1/2 x 3 1/2	50	
Deck, Single Angle, Bulb Angle,	29 1/8	✓		29 1/8	✓	
te Bulb or Channel	9 1/2 x 3 1/2	56		9 1/2 x 3 1/2	56	
Third & Fourth Deck, Single	29 1/8	✓		29 1/8	✓	
Angle, Plate, Tee Bulb or Channel	29 1/8	✓		29 1/8	✓	
pper edge	✓			✓		
Deck, Angle, Bulb Angle, Plate,	✓			✓		
Bulb or Channel	✓			✓		
on upper edge	✓			✓		
Deck, Angle, Bulb Angle, Plate,	✓			✓		
Bulb or Channel	✓			✓		
on upper edge	✓			✓		
Castle Deck, Angle, Bulb Angle,	9 1/2	3 1/2	51	9 1/2	3 1/2	51
te, Tee Bulb or Channel	11	3 1/4	60	11	3 1/4	60
es on upper edge	2 frame space			2 frame space		

PILLARS.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
PILLARS, In 'tween Deck, size and spacing	12	11 frame spaces			
" " Hold	18	11 frame spaces			
" Quarter, 'tween Dks., "	Center line, B.H. and Pillars				
" " in Hold	5/8 in. hold				
KEELSONS AND STRINGERS.					
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" Rider Plate					
" Flat Keel Plate Angles					
" Horizontal Plates on Floors					
" Angles or Bulb Angles					
SIDE KEELSONS, Number					
" Angles or Bulb Angles					
" Plate above floors, for	length				
" Intercoastal Plate, for	length				
" Attached to outside plating with Angle					
BILGE KEELSON, Angles					
" Intercoastal Plate, for	length				
" Attached to outside plating with Angle					
SIDE STRINGERS, Number	two in Eng.				
" Angle	6 3/4 x 3 1/2	50	6 3/4 x 3 1/2	50	
" " Intercoastal Plate, for	1/1	lng.	46	✓	46
" Attached to outside plating with Angle	3 1/4 x 3 1/4	46	3 1/4 x 3 1/4	46	
Awning or Shelter Deck Stringer Plates, breadth and thickness	5-8 x 77/44		5-8 x 77/44		
" Angle on ditto	6 x 6 x 42		6 x 6 x 42		
" Tie Plates, fore and aft, outside Hatchways	✓		✓		
" Deck, * Iron or Steel, for 1/1 lng.	46-34	✓	46-34		
" Wood Deck, Material & thickness	✓		✓		
Upper Deck Stringer Plate, breadth and thickness	5-8 x 34/30		5-8 x 34/30		
" Angles on ditto, No. two	4 x 4 x 44		4 x 4 x 44		
" Tie Plates, outside Hatchways	✓		✓		
" Deck, * Iron or Steel, for 1/1 lng.	34-30	✓	34-30		
" Wood Deck, Material & thickness	✓		✓		
Second Deck Stringer Plates, br'dth & thckn's	5-8 x 35		5-8 x 35		
" Angles on ditto, No. two	4 x 4 x 44		4 x 4 x 44		
" Tie Plates, outside Hatchways	✓		✓		
" Deck, * Material and thickness steel	35-30	✓	35-30		
Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness	45 x 44		45 x 44		
" Angles on ditto, No.	4 x 4 x 44		4 x 4 x 44		
" Tie Plates, outside Hatchways	36 x 44		36 x 44		
" Deck, Material and thickness wood planks 10 x 3"	✓		✓		
POOP DECK Stringer Plate, breadth & thickness	3-5 x 44		3-5 x 44		
" Angles on ditto	5 x 5 x 44		5 x 5 x 44		
" Tie Plates	✓		✓		
" Deck, Material and thickness steel	34		34		
Bridge Deck Stringer Plate, br'dth & thickness	✓		✓		
" Angle on ditto	✓		✓		
" Tie Plates	✓		✓		
" Deck, Material and thickness	✓		✓		
Forecastle Deck Stringer Plate, br'dth & th'kns	42 x 30		42 x 30		
" Angle on ditto	3 1/8 x 3 1/8 x 40		3 1/8 x 3 1/8 x 40		
" Tie Plates	✓		✓		
" Deck, Material and thickness steel deck 30 covered with P.R.3" thick	✓		✓		

\* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.



[illegible]

EQUIPMENT No. 40000 LETTER D T ANCHORS.																
Number of Certificate.	Anchors.	WEIGHT, EX STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and by Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.			
68300	1st Bower ..	40	0	4	stockless	58	6	1	0					Halle/Cast steel chain	N. Hingley & Sons Ltd	Thomas Young
68191	2nd "	63	1	0	16	0	4	50	2	2	0			"Rodgers"	" " "	(Netherland) 29-10-1912
68183	3rd "	62	1	21	15	3	12	49	15	0	0			" "	" " "	" " " "
	Collective weight	204	3	0												
68340	Stream ....	28	0	24	4	2	5	27	6	1	0			" "	" " "	" " " "
68307	Kedge .....	9	2	14	2	2	6	17	13	1	21			"Ordinary"	" " "	" " " "

Particulars of Drop Test of Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials,  
Number of Certificate, Date  
of Test.

1st Bower  
2nd "  
3rd "

The marking of the Anchors and cables has been found to agree with certificates and particulars submitted.

CHAIN CABLES.																HAWESERS AND WARPS.									
Number of Certificate.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.			Fathoms and size per Table 31.			Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Fathoms and size per Table 31.							
	Length.	Diam.	Status.	Break.	Supplied.	Per Rule.	Length.	Diam.	Fathoms.	Ins.					Length.	Ins.		Fathoms.	Ins.						
1660	300	2 1/2	113.8	160k	102 1/2	940	9-0	300	2 1/2	stud chain A Boesig	GLEWITZ	14-10-1912	TOWLINE												
1642	120	1 1/2	116	*	164	1-2	116	0-10	120	1 1/2	" " "	" " "	20-10-1912	HAWESERS & WARPS	10x120	8"	20 tons	400	8"						
															4x120	3"	per cable								
															1x120	4"									
															1x120	5 1/2"		130	6"						

Boats 4 Life boats and 2 ordinary.  
Pumps, Number one Downson pump  
Windlass is Iron Steam Patent  
Engine Room Skylights.—How constructed? Steel and angle bar  
Coal Bunker Openings.—How constructed? Steel and angle How are lids secured? Capstan two Special winches aft.  
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 9 scuppers on each side open rail  
Ceiling in Holds, thickness and material pine 2 1/2"  
Cargo Hatchways.—How formed? Steel and angle  
State size No. 1 Hatch (Forward) 20'-8" x 20'-0" No. 2 Hatch 33'-11 3/4" x 20'-0" No. 3 Hatch 24'-3 1/4" x 20'-0" No. 4 Hatch 14'-7 1/2" x 16'-9"  
No. of Web Plates, Shifting Beams and Fore and Afters to each Hatch No. 1-VII-VIII-VI each 3 No. II hatch 4 No. 4 hatch 3 and No. VIII hatch 3  
No. of Breasthooks one between deck No. of Crutches deep floor  
Bulwarks, height above deck and description where fitted 4'-0" plate 5/8 stays 6 1/2 Main Rail and Stays, material and size open rail  
The foregoing is a correct description.  
Builder's Signature (here only)  
Surveyor's Signature R. P. Jonker  
Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)

M 4-8-21, 29-9-21 and 4-10-21 E 10-2-1921 to David Steamship Company

Workmanship. Are the butts of plating planed or otherwise fitted? Overlapped and caulked

Is the riveted work properly closed? Yes

Are the liners between the frames and plates solid single pieces? Yes as far as ascertained Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? As far as can be seen yes Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? As can be seen yes Do any rivets break into or through the seams or butts of the plating? ✓

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? no State results of tests no leakage observed

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? no State results of tests " " "

General Remarks (State quality of workmanship, &c.) Please see letters referred to above.

The report N° 11354 on the Steamer Helderlyk ex. Wenderah as it has been found that she is a sister vessel, and built by the same Builders—

As far as scantlings have been ascertained all parts agree with the plans of the V.B. Helderlyk.

Letter E 10-2-1921 to David Steamship Company

The fore peak is fitted for water ballast, tested, and found good. A hand pump on flat of peak, and good.

Sec. 40 of the Rules has fully complied with and the vessel submitted for Special Survey N° 2.

The racking arrangement found good. Supports under heels of Pillars, intercostal. Collision bulk head extends to shelterdeck

P.T.O.

The Surveyor should state the Number of Report and Name of any Sister Vessel.  
Plans to be forwarded with F.E. Report showing vessel as built.

Special Fee £100.00 applied for,  
The amount of Entry Fee ... £ ...  
Special Survey Fee ... £ ...  
Travelling Expenses, if any £ ...  
Freight ... £ ...

Received by me, 25.1.1922

Certificate to be sent to Rotterdam Date of issue 19.1.22.

I am of opinion this Vessel has been built under Special Survey no

I am of opinion this Vessel should be Classed 100 A1 Shelterdeck

With, or without Freeboard, as condition of Class with

Committee's Minute

Character assigned No action

FRIDEC. 9 1921 THE JANUARY 1922

MAINTENANCE UNIT



Stepped parts Watertight.

Additional side girders in Machinery space are fitted for half height, as per plans.

See for all Hatch details free board report on Upper deck they are: N<sup>o</sup> I 20'-8" x 20'-0", 5 webs N<sup>o</sup> II 33'-11 3/4" x 20'-0", 4 webs N<sup>o</sup> III 24'-3 1/4" x 20'-0", 5 webs N<sup>o</sup> IV, 14'-7" x 16'-9", 3 webs N<sup>o</sup> V and VI, 26'-8 3/8" x 20'-0", 5 webs N<sup>o</sup> VII 24'-3 1/4" x 20'-0", 5 webs - height coamings above top of Decks 15" thickness sides and end coamings. 44 web plates 7 1/2" x 24 1/2" plate 24 1/2" x 42 angle 4 1/2" x 3" x 46" for each half the same scantlings.

Special Survey N<sup>o</sup> 2.

The vessel has been dry docked bottom cleaned and coated.

As far as can be judged, the workmanship appears to be good and we have found the scantlings as verified by measurements and drillings taken to agree with those given on the plans.

She has been surveyed throughout as required for S<sup>o</sup> N<sup>o</sup> 2.

Bottom examined, rusted and robusted, found in good condition and recoated.

Holds and peaks D.B.m. internally, Engines and boiler space, and bilge's end, D.B.m. and peaks tested as per rules, and timber boards lifted, and all parts sound and good. Decks examined, cables ranged, Winchlass overhauled. Anchors and chain locker end steering gear, Engine, Quadrant etc end mast and general equipment end Hatches, Webs, sounding air pipes end W.T. doors examined. Doubling plates end cement good.

2 1/2 ceiling fitted on tank top all fore and aft.

Remains to be done

Free board to be verified as approved in London see Secretary's letter dated 28/10-21.

The freeboard at present on the vessel's side has been verified by us and found 4'-11 1/16. German assignment and Dutch Certificate issued. The vessel had to leave before the freeboard as per your letter M. 28/10-1921. was received.

Plans received with your letter dated M 24-10-21 have been returned herewith.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 51'-6" (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as should appear in the Register Book) **3 Steel decks. 3 tiers of beams. no wood decks**  
Official No. \_\_\_\_\_; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft **no**  
How are the surfaces preserved from oxidation? Inside **Cement and paint** Outside **Paint**

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	+ 157-9 1/2	540.1	Fore peak tank,	+ 27	90.3
Double bottom, under Engines and Boilers,			After peak tank,	+ 20-10	24.7
Double bottom, if under Engines only,	+ 29-2	144.—	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	+ 216-9	895.6	Other tanks, if fitted,		
	Total capacity of double bottom	1579.7	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules **All the above have been tested and found kg**

Order for Special Survey No.

Date

No. in builder's yard.

DATES of Surveys held while building

29-9; 4, 5, 6, 7, 8, 10, 11, 13, 15, 19, 20, 25, 27, 28-October 1921

Surveyor's Signature

*W. J. Jones*

Total No. of Visits 15

Lloyd's Register Foundation