

State if Report is sent on the Machinery of the Vessel ☒ Yes

No. 100A

1940

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

### State Type of Erections

State if with freeboard)  
as condition of Class)

Built at Westerbroek

**Length** from fore part of stem to after part of stern )  
 post on summer L.W.L. See Sec. 3 (1a) )

Launched 5/12 1939 Yard No. 662

**Total**

**Breadth** (*greatest moulded*) ..... B 8.32 ✓

Builders N. V. E. J. Smits & Zoon

Gross Tonnage 499.56

Depth, at middle of length from top of keel to top  
of beam at side of uppermost continuous  
deck. See Sec. 3 (1c) ..... } D 3.50

Owners N.V. E. J. Smid & Zoon's

Register Tonnage 320.78

**1st Longitudinal Number (L × D)..... = 167.5**

Managers .....

(Where necessary to be entered in Reg. Book.)

**REGISTERED DIMENSIONS.**  
FEET.

**Framing Depth "d,"** at middle of length. See  
Sec. 3 (1d) .....

Residence *Hogehana*

Length 156.2

**Proportions**—Depth to Length—Uppermost continuous deck to top of keel } 13.68

Port of Registry *Flougerance*

Breadth 27.5

Do.	Long Bridge to top of keel	10.52
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*If surveyed while building, afloat, or in dry dock*

Depth 9.9

**Draught Moulded** ..... 3.457

# Building

## FRAMES, DOUBLE BOTTOM AND BEAMS.

2m, 2.37. T.



## PILLARS AND DECKS.

		INCHES IN SHIP. <i>mm</i>		Any Departure from Approved Plans to be Noted.			INCHES IN SHIP. <i>mm</i>		Any Departure from Approved Plans to be Noted.
<b>PILLARS.</b>	No. of Rows.....	✓			Stringer Plate, breadth and thickness in way of Bridge .....	✓			
"	in 'tween Decks, Size and Spacing.....	✓			Thickness of Plating abreast Deck openings) in way of Wells .....	✓			
"	" " " " "	✓			Thickness of Plating abreast Deck openings) in way of Bridge .....	✓			
"	in Holds " "	✓			Thickness of Plating within line of openings...	✓			
"	" " " " "	✓			If Sheathed, material and thickness .....	✓			
<b>Centre Line Bulkhead.</b>					<b>Third Deck.</b>				
	Stiffeners and Spacing.....	100	50	✓	Stringer Plate, breadth and thickness.....	✓			
		<i>distance</i>	<i>1540</i>	✓	If Plated, state thickness.....	✓			
	Plating, thickness of .....	6	✓		<b>Fourth Deck.</b>				
<b>STRINGERS AND DECKS.</b>					Stringer Plate, breadth and thickness.....	✓			
<b>Uppermost Continuous Deck.</b>					If Plated, state thickness .....	✓			
	Stringer Plate, breadth and thickness in Wells	1310	10	✓	<b>Poop Deck.</b>				
	" " " " <i>in way of Bridge</i>	1310	8 1/2	✓	Stringer Plate, breadth and thickness .....	✓			
	" Angle in Wells .....	<i>Electric awl used to shell both sides of stringer plate.</i>			Plating, Sheathing, material and thickness ...	6	✓		
	Thickness of Plating abreast Deck openings) in way of Wells .....	<i>✓</i>			<b>Bridge Deck.</b>				
	Thickness of Plating abreast Deck openings) in way of Bridge .....	<i>✓</i>			Stringer Plate, breadth and thickness.....	✓			
	Thickness of Plating within line of openings...	<i>7</i>			Plating, Sheathing, material and thickness ...	✓			
	If Sheathed, material and thickness .....	<i>✓</i>			<b>Forecastle Deck.</b>				
<b>Second Deck.</b>					Stringer Plate, breadth and thickness.....	6	✓		
	Stringer Plate, breadth and thickness in Wells...	<i>✓</i>			Plating, <del>Sheathing</del> , material and thickness ...	6	✓		

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>yes</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	<i>Inches.</i>	<i>Inches.</i>	<i>Inches.</i>	<i>Inches.</i>		<i>Inches.</i>	<i>Inches.</i>		<i>Inches.</i>	<i>Inches.</i>		
FLAT PLATE KEEL .....	<i>1530</i>	<i>11</i>	<i>11</i>	<i>10</i>		<i>Double</i>	<i>3/4</i>	<i>77</i>	<i>Electric weld</i>			
„ DBLG. (if any)												
BOTTOM PLATING, No. of Strakes <i>Two</i> ...	<i>A</i> <i>1530</i>	<i>8 1/2</i>	<i>12 1/2</i>	<i>8 1/2</i>		<i>Single</i>	<i>5/8</i>	<i>60</i>	<i>II</i>	<i>5/8</i>	<i>57</i> <i>Lapped</i>	
BILGE PLATING, No. of Strakes <i>One</i> ...	<i>B</i> <i>1120</i>	<i>8 1/2</i>	<i>8 1/2</i>	<i>8 1/2</i>		<i>Single</i>	<i>5/8</i>	<i>60</i>	<i>II</i>	<i>5/8</i>	<i>57</i> <i>"</i>	
SIDE PLATING, No. of Strakes <i>One</i> ...	<i>D</i> <i>1530</i>	<i>8 1/2</i>	<i>12</i>	<i>8</i>		<i>Single</i>	<i>5/8</i>	<i>60</i>	<i>II</i>	<i>5/8</i>	<i>57</i> <i>"</i>	
<del>Upper</del> DECK, Sheer-strake in Wells.....	<i>E</i> <i>1510</i>	<i>8 1/2</i>	<i>11</i>	<i>12</i>		<i>Single</i>	<i>5/8</i>	<i>60</i>	<i>II</i>	<i>5/8</i>	<i>57</i> <i>"</i>	
<del>Lower</del> DECK, Sheer-strake in Bridge ...	<i>F</i>	<i>9 1/2</i>		<i>6</i>					<i>III</i>	<i>3/4</i>	<i>69</i> <i>"</i>	
STRAKE BELOW Sheer-strake in Wells.....	<i>Thickness of shell and riveting at breaks as approved.</i>											
STRAKE BELOW Sheer-strake in Bridge ...												
POOP SIDE PLATING .....			<i>8-6</i>			<i>Single</i>	<i>5/8</i>	<i>60</i>	<i>II</i>	<i>5/8</i>	<i>See gen. declaration</i>	
BRIDGE SIDE PLATING ...												
FOREC'TLE SIDE PLATING			<i>6</i>			<i>Single</i>	<i>5/8</i>	<i>60</i>	<i>II</i>	<i>5/8</i>	<i>"</i>	

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— *Three* ✓  
Extending to Upper Deck (Sec. 3 c) *Two*  
„ Deck next below *One*  
As per Rule *Three*

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
<b>KEEL, Bar</b> .....		Flat keelplate.		
<b>STEM</b> .....		Curved plate 12		
<b>STERN FRAME</b> {	Propeller Post .....	Forging 145 x 80 mm	Pelican	
	Rudder ,, .....		Much fabric	
<b>Speed of Vessel</b> .....		not exceeding 12 knots		
<b>RUDDER—Type</b> .....		Balanced		
„ A x D .....		163.5		
„ Diam. of head .....		Forging 150 mm		
„ Mainpiece at top pintle ..		125 mm		
„ „ heel ...				
„ how constructed .....		Electric welded		
„ double or single plate ..		Double plate		
„ coupling, vertical or ..		Horizontal		

## STIFFENERS.

		Plating Thickness. <i>mm</i>	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks						
"	" Second "					
"	" Third "					
"	" Holds .....	$9\frac{1}{2} - 7\sqrt{100 \times 65 \times 7}$	610	mainwood in prop	(610)	
COLLISION	" (in Hold) .....	$9\frac{1}{2} - 8\sqrt{140 \times 75 \times 7}$	600	300 x 8		
AFTER PEAK	" " .....	$8\sqrt{100 \times 65 \times 8}$	600	recess.		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	<i>Open Hearth Process</i>
	<i>Huta Pokoj Niny Bytom; Gussle Hoffnungsstille; Socyska Snoryne Kela</i> <i>Trabique de fer de Charlevoix</i>	
	Has the Steel been tested as required by the Rules?	<i>Yes by Wm. Cummings.</i>



EQUIPMENT No.										LETTER	ANCHORS.				
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
2208	1st Bower ...	10	1	18	Stockless			12	8	3	0	10-1-0 ✓	Ball, 10 type	K.N.G. Leiden	27/11-39
2207	2nd " ...	10	1	16	"			12	8	3	0	10-1-0 ✓	"	"	"
2209	3rd " ...	8	3	25	"			11	2	2	0	8-3-0	"	"	"
	Collective weight.	29	3	3								29-1-0 ✓			
2213	Stream .....	3	2	18	0	3	17	6	3	0	14	3-2-0 ✓	Common Hook		

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.			Length and size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire.	Length and size per Table 53.		
	Length.	Diam.	Statutory.	Break-ing.	Supplied.	Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.	
4547	165	1 1/8	20 3/10	30 4/10	103-1-11	95-1-0		165	1 1/8	Anchor	K.N.G. Leiden	27/11-39 J.T.S.	TOWLINE...	75	2 1/2	13.2	75	2 1/2	
													HAWSERS & WARPS	90	2	8.3	90	2	
Iron Stream Chain or Steel Wire	60	2 1/2						60	2 1/2										

Steering Gear, Type (Power or hand) *Hand* Alternative Means of Steering *releasing tackle with Hook*

Steering Chains (Size and Test) *3/4" test 6 3/4"* Windlass *Electric driven* Boats *two lifeboats*

Ceiling in Holds, thickness and material *2" pine* Cargo Battens, thickness, material and spacing *2" pine 225 mm*

Cargo Hatchways. (Upper Deck) *Steel & angle* Thickness of Hatches *65 mm pine*

Size of Hatchways No. 1 (Fwd.) *11.860 x 52.00* No. 2 *12.400 x 52.00* No. 3 *✓* No. 4 *✓* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams *7 in each hatch* and/or Fore and Afters

Builder's Signature *N.V. E. J. van der Zanden & Zoon's Scheepwerf*

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel *✓*

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *✓* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

The workmanship was found good and the vessel has been built in accordance with the approved plans, Secretary's and Rotterdam letters and in general conformity with the Society's rules. All double bottom tanks, peak tanks, oil fuel bunkers, watertight bulkheads and weatherdecks have been tested as required by the rules and found sound and tight.

Freeboard marks verified and cut in vessel's sides.

Forging certificate of steamframe and motor enclosed herewith

Windlass and steering gear tested under working condition

The amount of Entry Fee ..... *£ 36.00*

Special Survey Fee..... *£ 600.00*

Travelling Expenses, if any *£ 38.00*

Fees applied for, 19... Received by me, 19...

State whether the Vessel has been built under Special Survey *Yes*

Certificate to be sent to *Groningen Surveys* Date of issue *TUE. 14 MAY 1940*

Committee's Minute

Character assigned *+ 100 A1*

*Strengthened for Navigation in Ice*

*Deck platg. Elec. welded*

*Lloyd's asst. of.*

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed *+ 100 A1* strengthened for navigation in ice

Signature *J. H. van der Zanden* / also for Mr. Loden

Surveyor to Lloyd's Register of Shipping.

FRI. 17 MAY 1940

*Delivered for LMC*

*+ 4.40*

*Ref. to Lloyd's Register*

W1055-0039 2/2



GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Plans:

Rudder and stemframe  
Hull section, profile, Decks, bulkheads, etc.  
Steering gear  
mistranscribing  
Shell expansion

Rotterdam 14/2-.39 f  
" 31/1-.39 x  
" 25/4-.39  
" 1/2-.39 x  
" 1/2-.39

x Plans in London for reference.

Letters:

Rotterdam 31/1-.39  
1/2-.39  
15/2-.39

This vessel is a sister vessel of Jara N° 660 sister vessel "Bug"  
Groningen Rep N° 78<sup>2</sup> dated 1/9-39

PARTICULARS OF ELECTRIC WELDING (if employed)

Edges and Butts

Rudder & stemframe, Butts of Keelplates, deck plating plates, mistranscribing  
main deck edges in props.

Curren consent obtained.

Willam Smith's resistors and supra electric used.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Strengthening for navigation in ice. Cruise system

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

1st Bower 355 K.G. L.R. N° 30682 R.D.D. Antwerp 2-6-39  
2nd " 351 K.G. L.R. N° 30681 R.D.D. Antwerp 2-6-39  
3rd " 309 K.G. L.R. N° 30627 R.D.D. Antwerp 28-4-39

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 40 ft., R.Q.D. 53.2 ft., Bridge ✓ ft., Forecastle 24.3 ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ✓

Official No. Signal Letters P.F.P.J. Extreme Breadth over Belting ✓ Over-all Length 168.5  
(Circ. 1611) (Circ. 1703)

No. and Material of Decks One steel deck

Parts of Bottom of Vessel coated with cement or approved composition Cement in peaks, engine room and bilges.  
no cement in double bottom with consent of the Owner.

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)  
(Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	20.5	58.5
Double bottom, under Engines and Boilers,			After peak tank,	10.6	15.5
Double bottom, if under Engines only,			Deep tank, aft, self-cumulative	7.1	16.6
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted, in counter aft E.W.	4.1	4
Total length (if continuous) and Capacity	95.7	114.3	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 19

Date 17/2 1939

Dates of Surveys  
held while building

16-21/2; 30/8; 1/9; 20/9; 11-25-30/10; 13-16-22-28/11;  
1-5-12-14-29/12-1939  
4/1; 7-20/2; 19-16-28/3; 2-11-16/4; 1940

Total No. of Visits 26