

State if Report is sent on the Machinery of the Vessel YES.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW STEEL MS. "BERN" MACHINERY FITTED AFT.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) ☒ State Type of Erections *POU P- FORECAST/E*

Built at SLIKKERVEER.

Launched 29. 1. 1957 Yard No. 317

Builders NV SCHEEPSBOUWWERF v/h. DE GROOT
EN VAN VLIET,

Owners MESSRS. F. FEENSTRA & T. DE GROOT.

Managers W.H. JAMES & Co's - SCHEEPVAART EN
(Where necessary to be entered in Reg. Book)
HANDEL N° 1. NV ROTTERDAM.

Residence _____

Port of Registry ZORDRECHT.

If surveyed while building, afloat, or in dry dock

WHILE BUILDING

REGISTERED DIMENSIONS.

FEET

length 177.64

depth 29.66

pth 10.70

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

Proportions—Depth to Length—Uppermost continuous deck to top of keel

Do. Long Bridge to }
top of keel }

Draught Moulded 11-27/8

FRAMES, DOUBLE BOTTOM AND BEAMS.

	mm INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	mm INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships.....	✓ 550.		✓ 127x76x8	
" " from 1/2 length amidships to Collision bulkhead.....	✓ 550.		✓ 125x8	
" " in peaks	✓ 550.		✓ 127x76x8	
SIDE FRAMING.	✓ ALTERNATELY:		Centre Girder, depth and thickness amidships	✓ 963x9.
Frame Amidships, Angle, [or [✓ 127x76x8 AND 152x76x8.		" " top Angles	✓ E.W.
" " Extends up to	✓ UPPERDECK.		" " bottom Angles.....	✓ E.W.
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness.....	✓
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	✓ 930x8.
WEBFRAMES IN ENG. ROOM	✓ 101x63x8.		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	✓ E.W.
Depth of Framing Girder (7x SB & PS.)	✓ 127x76x10 WITH REVER.		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	✓ E.W.
Frames in Uppermost Continuous 'tween Decks, Angle, [or [.....	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	✓
" " Second 'tween Decks, Angle, [or [✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	✓
" " Third	✓		Tank Side Brackets, height above base line at toe of Frame and thickness	✓ 990x75.
" " from 1/2 len. for'd. to 15% len. from Stem	✓ ALTERNATELY: 127x76x8 AND 152x76x8.		INNER BOTTOM PLATING.	
" " in Peaks, Angle or [✓ 127x76x10.		Breadth and thickness of Middle Line Strake...	✓ 2x600x8.
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	✓ 5/8" RIV. 112mm APART.		Thickness of remainder in Holds	✓ 75.
State if Frame Joggled.....	✓ NO.		Are Rule requirements complied with regard- ing increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?.....	✓ YES.
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	✓ AS APPROVED.		BEAMS.	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?.....	✓ AS APPROVED.		Uppermost Continuous Deck, amidships in Wells, Angle, [or [...	✓ FLANGED PLATES 200/105x9 FL 75.
SINGLE BOTTOM.			" " in way of Bridge, Angle, [or [.....	✓
Floors, Depth and thickness at mid-line in Holds.....	✓		Spacing	✓ 550
Height of Brackets at side above base line at toe of frame.....	✓		Second Deck, amidships, Angle, [or [.....	✓
Middle Line Keelson, on Floors, Angles, [or [.....	✓		Spacing	✓
" " " Through Plate or Inter- costal Plate	✓		Third Deck, amidships, Angle, [or [.....	✓
" " " Foundation Plate on Floors	✓		Spacing.....	✓
" " " Flat Plate Keel Angles	✓		Fourth Deck, amidships, Angle, [or [.....	✓
Side Keelsons, No. each side.....	✓		Spacing.....	✓
" " thickness of Intercostal Plate.....	✓		Poop Deck, Angle, [or [.....	✓ 76x50x8
" " Angles	✓		Spacing.....	✓ 550
DOUBLE BOTTOM.			Bridge Deck, Angle, [or [.....	✓
Solid Floors, thickness and spacing	✓ 7mm, EVERY 3 RD FRAME.		Spacing.....	✓
" " Are Frame and Reversed Frame joggled?	✓ NO.		Forecastle Deck, Angle, [or [.....	✓ 76x50x8
Bracket Floors, breadth and thickness at middle line	✓ 540x7		Spacing.....	✓ 550
" " breadth and thickness at margin plate.....	✓ MIN. 540x7.			

PILLARS AND DECKS.

		IN SHIP.	Any Departure from Approved Plans to be Noted.	IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows	ONE AT E.				
" in 'tween Decks, Size and Spacing					
" " " " "					
" in Holds	PIPES 200/184 AT ENDS OF LONG. BULKHEADS, UNDER HATCH-END BEAMS.				
" " " " "					
Centre Line Bulkhead.					
Stiffeners and Spacing	E 101x63x8-550 mm.				
Plating, thickness of	7				
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells	1500x 11 1/2 / 12.				
" " " " in way of Bridge					
" Angle in Wells	E.W.				
Thickness of Plating abreast Deck openings in way of Wells					
Thickness of Plating abreast Deck openings in way of Bridge					
Thickness of Plating within line of openings	7				
If Sheathed, material and thickness					
Second Deck.					
Stringer Plate, breadth and thickness in Wells					
Stringer Plate, breadth and thickness in way of Bridge					
Thickness of Plating abreast Deck openings in way of Wells					
Thickness of Plating abreast Deck openings in way of Bridge					
Thickness of Plating within line of openings					
If Sheathed, material and thickness					
Third Deck.					
Stringer Plate, breadth and thickness					
If Plated, state thickness					
Fourth Deck.					
Stringer Plate, breadth and thickness					
If Plated, state thickness					
Poop Deck.					
Stringer Plate, breadth and thickness	6 1/2				
Plating, Sheathing, material and thickness	6 1/2				
Bridge Deck.					
Stringer Plate, breadth and thickness					
Plating, Sheathing, material and thickness					
Forecastle Deck.					
Stringer Plate, breadth and thickness	6 1/2				
Plating, Sheathing, material and thickness	6 1/2				

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? YES.	RIVETS.	NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.		Diam.
Flat Plate Keel.....K.	1200	11 1/2	11 1/2-13	11 1/2		SINGLE	3/4	78				
" Dblg. (if any)												
Bottom Plating, No. of Strakes A-B	A.	9	10 1/2	9		SINGLE	5/8	69				
Bilge Plating, No. of Strakes C	B.	9	9.12	8		SINGLE	5/8	69				
Side Plating, No. of Strakes		9	8 1/2	9		SINGLE	5/8	69				
Upper Deck, Sheer-strake in Wells E.	1440	10 1/2	8-11 1/2	8	IN WAY OF BREAK-AFT 14.	AWAY OF BREAK 3/4	78					
Upper Deck, Sheer-strake in Bridge						SINGLE	5/8	69				
Strake below Sheer-strake in Wells D.	1640	8 1/2	8	8		SINGLE	5/8	69				
Strake below Sheer-strake in Bridge						SINGLE	5/8	69				
Poop Side Plating				7		SINGLE	5/8	69				
Bridge Side Plating						SINGLE	5/8	69				
Forecastle Side Plating			6 1/2			SINGLE	5/8	69				

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	3.
" Deck next below	
As per Rule	3.

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				
STEM				
STERN FRAME	Propeller Post			
	Rudder			
Speed of Vessel		10 KN.		
RUDDER—Type		STREAMLINED.		
" A x D		107		
" Diam. of head		FORGED 180/45 AS PER PLAN.		
" Mainpiece at top pintle				
" " heel		AS PER PLAN.		
" how constructed		E.W.		
" double or single plate coupling, vertical or horizontal		DOUBLE PLATE 9 1/2 mm.		
		HORIZONTAL.		

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks					
" " Second					
" " Third					
" " Holds	FR 2 1/2	10-8-7	E 101x76x8	710/730	
COLLISION " (in Hold)	FR 84	10-7 1/2	E 152x76x8	500/610	
AFTER PEAK "	FR 4 1/2	198-7 1/2	E 127x76x10	1500/500/610	

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	OPEN-HEARTH.
	DORMAN LONG STEEL LTD. - KON. NED. HOOGOVENS - COLVILLES LTD. - SOUTH DURHAM STEEL & IRON CO. LTD. - BAIRDS & SCOTTISH STEEL LTD.	
	Has the Steel been tested as required by the Rules?	YES.

EQUIPMENT No. 7820.2										LETTER 4										ANCHORS.									
Any Departure of Approved Plans to be Note		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.							
		1st Bower		720 KG						16.290 KG			705 KG			STOCKLESS "HALL TYPE"			MESSRS. USINES MONTAUR MARCHIENNE.			G2-8-7-56 - J.A.C.							
		2nd "		717 KG						16.290 KG			705 KG			CAST STEEL HEAD			ACIERIES			G2-8-8-55 - J.A.C.							
		3rd "		699 KG						15.900 KG			705 KG						"ALLARD"										
		Collective weight		2136 KG									2115 KG																
		Stream																											

CHAIN CABLES.										HAWSERS AND WARPS.														
er of date.		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.		Statu- ing. Break- ing.		Supplied.			Per Rule.		Length. Diam.								Length. Cir.		Tons.		Length. Cir.	
5.		13x15 13/16		25.40 38.00		142-3-9			141 3/8		13x15 13/16		STUD- LINK		A.K.S.		SCHIEDAM.		TOWLINE		16.5 2 3/4		14.8 90	
		195									195		MILD STEEL		13-11-56 - HD.		HAWSERS & WARPS		2x165 2 1/4		10.5 2x90 1 3/4			
Stream or Wire		Cir.									Cir.													

Steering Gear, Type (Power or hand) HAND-STEERING GEAR Alternative Means of Steering TILLER WITH TACKLES ON HAND-CAPSTAN.

Steering Chains (Size and Test) 61mm. P Windlass MOTOR-DRIVEN. Boats 2 - WOOD.

Decking in Holds, thickness and material 50mm PINE ON BATTENS 85 mm. Cargo Battsens, thickness, material and spacing PINE 150x50 CLEAR SPACE MAX. 230.

Cargo Hatchways.-(Upper Deck) TWO. Thickness of Hatches PINE-63mm.

Hatchways No. 1 (Fwd.) 11550x5700. No. 2 13200x5700. No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Shifting Beams 7 8. Builder's Signature N.V. SCHEEPSBOUW WERF v.h. DE GROOTER VAN VLIET DIRECTEUR

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 ✓

Whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo No. 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).

SHIP HAS BEEN BUILT UNDER SPECIAL SURVEY, IN CONFORMITY WITH THE SOCIETY'S RULES AND REGULATIONS SECRETARY'S LETTERS. THE SCANTLINGS AND ARRANGEMENTS OF THE SHIP ARE AS GIVEN IN THE PLANS AND AS SHOWN AND AMENDED ON THE APPROVED PLANS NOW FORWARDED. ALL MODIFICATIONS OR ADDITIONS TO THE ORIGINAL APPROVED ARRANGEMENTS, MADE DURING CONSTRUCTION, HAVE BEEN INDICATED ON THE PLANS AND HAVE BEEN APPROVED, AS BEING IN ACCORDANCE WITH, OR BY STANDARDS EQUIVALENT TO THE RULE REQUIREMENTS. THE PLANS SHOW THE SHIP'S SECTION AND PROFILE AND DECKS, SHOWING THE SHIP AS BUILT, NOW FORWARDED HERewith, HAVE BEEN COMPARED WITH THE APPROVED ARRANGEMENTS AND FOUND IN ORDER.

WATER TANK AND ALL OTHER TANKS HAVE BEEN TESTED AS REQUIRED AND FOUND TIGHT. MAIN AND AUXILIARY DECKS AND WT. BULKHEADS HAVE BEEN TESTED BY HOSE AND FOUND TIGHT. MAIN AND AUXILIARY MACHINERY, ALSO WINDLASS, TRIED UNDER WORKING CONDITION AND FOUND GOOD. WORKMANSHIP GOOD. FREEBOARD MARKS VERIFIED AND FOUND CORRECT.

SHIP DOCKED AFTER LAUNCHING.

The amount of Entry Fee as per scale 20.35 Fees applied for, 11th Jun 1957 and 19th Jun 1957

Res Special Rebate of 25% = 508.75 Received by me, 19

Special Survey Fee = 1526.25

Actual charge made = 91.00

Travelling Expenses, if any = 0

I am of opinion the Vessel should be Classed + 100 A1.

Signature M. Kruit Surveyor to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey Yes

Certificate to be sent to ROTTERDAM. OFFICE. Date of issue 20/8/57

Committee's Minute FRIDAY 12 JUL 1957

Character assigned + 100 A1

LACP

+ LMC

ES

TS OG } 3.57

NOTED FOR POSTING for Header

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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.)

SISTER VESSEL: m.s. "HERMES" (BUILT 1954). ROTTERDAM REPORT No: 37696 A.

PLANS APPROVED BY ROTTERDAM OFFICE:

MIDSHIP SECTION	30-3-56	COPIES IN LONDON OFFICE.
PROFILE, DECKS AND BULKHEADS.	30-3-56	
✓ STERNFRAME.	30-3-56	
✓ STEM.	30-3-56	
✓ RUDDER.	30-3-56	
✓ MOTORSEATING.	30-3-56	
✓ SHELL EXPANSION	30-3-56	

PLANS AS BUILT:

✓ MIDSHIP SECTION.
✓ PROFILE, DECKS AND BULKHEADS.
✓ STERNFRAME.
✓ RUDDER.
✓ SHELL EXPANSION.

CERTIFICATES:

✓ INTERIM CERTIFICATE.
✓ STERNFRAME.
✓ LOWER RUDDERSTOCK.
✓ UPPER RUDDERSTOCK.
✓ TWO COUPLING FLANGES (FOR RUDDERSTOCK)

Moulded Dimensions:—

RAISE OF FLOOR: 80 mm.

PARTICULARS OF ELECTRIC WELDING (if employed)

BUTTS OF SHELL PLATING, STERNFRAME AND RUDDER.

DECKS, BULKHEADS, PART OF DOUBLE BOTTOM STRUCTURE, INNER BOTTOM PLATING.

HATCHWAYS, DECK HOUSES.

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

NAUT. EQUIPMENT: RADAR - E.S.D. - D.F. - WIRELESS.

CARRYING TIMBER DECK CARGOES.

Wahy aff.

RADAR Equipment (State if fitted) YES

State Type or Pattern No. DECCA - 212.

State } Maker
Name } and/or
of } Supplier

DISPLAY UNIT TYPE 4214-CL
RF UNIT TYPE 4215-CLASS

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

1st Bower	✓ 460 KG - 92 - 4382 - 26.6.56 (WEIGHT h. & p. ✓ 512 KG.)
2nd "	✓ 455 KG - 92 - 4380 - 26.6.56 (WEIGHT h. & p. ✓ 507 KG.)
3rd "	✓ 438 KG - 92 - 4300 - 15.7.55 (WEIGHT h. & p. ✓ 466 KG.)

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 38.79 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 31.93 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.D.B.A. Extreme Breadth over Belting 29.85 Over-all Length 185.79.
(Circ. 1611) (Circ. 1703)

No. and Material of Decks ONE STEEL DECK.

Parts of Bottom of Vessel coated with cement or approved composition FF, AP, AND FRESHWATER TANK AND DOUBLE BOTTOM.

WATERBALLAST TANKS CEMENT WASHED. OIL TANKS OILED.

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	✓		Fore peak tank, WATERBALLAST, FR. 84. FORWARD	19.30	✓ 49.
Double bottom, under Engines and Boilers,	✓		After peak tank, WATERBALLAST, FR. 2-5.	5.41	✓ 8.
Double bottom, if under Engines only,	✓		Deep tank, aft, FRESHW. TANK AFT OF FR. 2.	11.61	✓ 13.
Double bottom, if under Boilers only,	✓		Deep tank, forward, OF TANK IN E.R. FR. 4-8.	7.22.	✓ 16.
Double bottom, forward,	✓		Other tanks, if fitted,	—	
Total length (if continuous) and Capacity FR. 15.84. ✓ 124.51 170.			(If necessary furnish further information by sketch.)		
CELL. PB. 124.51; PT. WB. 170 ± 2 ft. 6 in.					

Order for Special Survey No. 1301.

Date 14.5.56.

Dates of Surveys held while building

1956: SEPT. 12-28, OCT. 2-8-22-26, Nov. 20-28, DEC. 3-7-12-17-21-27.
1957: JAN. 14-15-17-18-23-24-26-29, FEB. 4-7-13-19-23
MARCH 7-12-13-16-19-21-25-26-27-28.

Lloyd's Register
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Total No. of Visits 37