



12 JUN 1957

91706

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STEEL STEAMER OR MOTORSHIP.

Received at London Office

State if Report has been sent on the Freeboard of the Vessel yes

State if Report is sent on the Machinery of the Vessel yes

Date of completion of report 4th February 1957 Port of Amsterdam No. 3125
21298

Survey held at Zaandam Date First Survey 6-10-1955 Last Survey 10-1-1957

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single screw motor coaster "CAPELLA" (machinery fitted aft.)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) built for 3,47 m draught State Type of Erections facile - poop

TONNAGE under Tonnage Deck 386.76

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Total

Gross Tonnage 499.39

Register Tonnage 269.05

REGISTERED DIMENSIONS. mm

54.31

8.84

3.20

CLASS * 100 A 1 State if with freeboard as condition of Class yes

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 52.00

Breadth (greatest moulded) 8.80

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 3.85

1st Longitudinal Number (L x D) 457

2nd Numeral L x (B + D) 658

Framing Depth "d" at middle of length. See Sec. 3 (1d) 13.5

Proportions—Depth to Length—Uppermost continuous deck to top of keel 11' 4 1/4"

Do. Long Bridge to top of keel

Draught Moulded 11' 4 1/4"

Built at Zaandam

Launched 29-9-1956 Yard No. 1168

Builders Scheepswerf "Kraaier" N.V.

Owners J. Rusthoven

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

Residence Groningen

Port of Registry Groningen

If surveyed while building, afloat, or in dry dock

whilst building

FRAMES, DOUBLE BOTTOM AND BEAMS.

| | mm | Any Departure from Approved Plans to be Noted. | mm | Any Departure from Approved Plans to be Noted. |
|--|---------------------|--|---|--|
| Spacing amidships..... | 550 | / | Bracket Floors, Frame..... | 90 65 8 / |
| " from 1/2 length amidships to Collision bulkhead..... | 550 | / | " " Reversed Frame..... | 75 65 8 / |
| " in peaks..... | 550 | / | " " Vertical Struts..... | 120 55 7 9 / |
| AMIDSHIPS. | | | Centre Girder, depth and thickness amidships | 815 x 9 / |
| Amidships, Angle, <u>DOCK</u> | 150x75x9 | / | " " top Angles..... | welded / |
| " Extends up to..... | upperdeck | / | " " bottom Angles..... | welded / |
| Side Frame Amidships, Angle..... | - | / | Side Girders, No. each side and thickness, two... | 150 75 9 / <u>long angles</u> |
| " Extends up to..... | - | / | Margin Plate depth (excl. of flange) and thickness..... | 820 x 8 / |
| of Framing Girder..... | - | / | " " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem..... | welded / |
| s in Uppermost Continuous 'tween Decks, Angle, [or]..... | - | / | " " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area..... | welded / |
| " Second 'tween Decks, Angle, [or]..... | - | / | " " Gussets, spacing and scantling abaft 1/2 len. from stem..... | - / |
| " Third " " " "..... | - | / | " " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area..... | - / |
| from 1/2 len. for'd. to 15% len. from Stem..... | 150 75 9 | / | Tank Side Brackets, height above base line at toe of Frame and thickness | 915x7 1/2 / |
| in Peaks, Angle <u>DOCK</u> | 130 75 8 | / | INNER BOTTOM PLATING. | |
| ter and Spacing of Rivets through Frame and Shell Plating amidships..... | 5/8" 112mm | / | Breadth and thickness of Middle Line Strake..... | 1220 x 8 / |
| if Frame Joggled..... | no | / | Thickness of remainder in Holds..... | 7 / |
| he scantlings and arrangements in the Panting Area in accordance with the Rules /or as approved?..... | as approved | / | Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?..... | as approved / |
| he scantlings and arrangements in way the Bottom Forward in accordance with Rules and/or as approved?..... | as approved | / | BEAMS. | |
| BOTTOM. | | | Uppermost Continuous Deck, amidships in <u>DOCK</u> Angle, <u>DOCK</u> | 150 75 9 / |
| s, Depth and thickness at mid-line in <u>DOCK</u> Engine room..... | 525 x 9 | / | " " in way of Bridge, Angle, [or]..... | - / |
| Height of Brackets at side above base line at toe of frame..... | 1250 | / | Spacing..... | 550 / |
| Line Keelson, on Floors, Angles, <u>DOCK</u> | - | / | Second Deck, amidships, Angle, [or]..... | - / |
| " " 2 Through Plates <u>DOCK</u> | 845 x 11 | / | Spacing..... | - / |
| " " Foundation Plate on Floors..... | 2x470x20 | / | Third Deck, amidships, Angle, [or]..... | - / |
| " " Docking keel <u>DOCK</u> | 200x10 | / | Spacing..... | - / |
| Keelsons, No. each side..... | - 9 <u>See plan</u> | / | Fourth Deck, amidships, Angle, [or]..... | - / |
| " thickness of Intercoastal Plate..... | - | / | Spacing..... | - / |
| " Angles..... | - | / | Poop Deck, Angle, <u>DOCK</u> | 65 50 6 / |
| LE BOTTOM. | | | Spacing..... | 550 / |
| Floors, thickness and spacing..... | 7 1650 | / | Bridge Deck, Angle, [or]..... | - / |
| " Are Frame and Reversed Frame joggled?..... | welded | / | Spacing..... | - / |
| Bracket Floors, breadth and thickness at middle line..... | 575 x 7 | / | Forecastle Deck, Angle, <u>DOCK</u> | 75 50 6 / |
| " " breadth and thickness at margin plate..... | 520 x 7 | / | Spacing..... | 550 / |

PILLARS AND DECKS.

| PILLARS, No. of Rows | INCHES IN SHIP. | | | Any Departure from Approved Plans to be Noted. | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. |
|--|-----------------|-------|----|--|-----------------|--|
| | | | | | | |
| in 'tween Decks, Size and Spacing | | | | | | |
| " " " " " | | | | | | |
| " " " " " | | | | | | |
| in Holds " " " | | | | | | |
| " " " " " | | | | | | |
| Centre Line Bulkhead. Stiffeners and Spacing | 100 | 75 | 8 | 1100 fwd 550 aft. | | |
| | 90 | 65 | 8 | | | |
| | | 7 1/2 | | | | |
| Plating, thickness of | | | | | | |
| STRINGERS AND DECKS. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells | 1830 | x | 10 | | | |
| " " " " " in way of Bridge | | | | | | |
| " " " " " | 90 | 90 | 10 | | | |
| " Angle in Wells | | | | | | |
| 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 | | | | | | |
| 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

Plating, Sheathing, material and thickness

Bridge Deck. Stringer Plate, breadth and thickness

Plating, Sheathing, material and thickness

Forecastle Deck. Stringer Plate, breadth and thickness

Plating, Sheathing, material and thickness

SHELL PLATING.

RIVETING.

| SCANTLINGS. | | | | | EDGES. side pltg. only | | BUTTS. | | STRAPPED LAPPED. | | | | | | | |
|--|-------------------------------|---------------------------------|---------------------------------|---------------------------------|--|-----------------|-------------------------|---------------|----------------------------|------------------------|---------------|----------------------------|---------------|----------------------------|---------------|----------------------------|
| STRAKES. | AS IN VESSEL. | | | | ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED. | State if jogged | SINGLE OR DOUBLE. | RIVETS. | | No. OF ROWS OF RIVETS. | RIVETS. | | Diam. Inches. | Spacing cr. to cr. Inches. | Diam. Inches. | Spacing cr. to cr. Inches. |
| | AMIDSHIPS. | | FORWARD. | AFT. | | | | Diam. Inches. | Spacing cr. to cr. Inches. | | Diam. Inches. | Spacing cr. to cr. Inches. | | | | |
| | Breadth. | Thickness. | Thickness. | Thickness. | | | | | | | | | | | | |
| Flat Plate Keel..... | XXXX mm 1530 | XXXX mm 11 1/2 | XXXX mm 11 1/2 | XXXX mm 11 1/2 | / | | welded | | | | | | | | | |
| " Dblg. (if any) | - | | | | / | | | | | | | | | | | |
| Bottom Plating, No. of Strakes | A 1530 | 10 | 8 | 8 1/2 | / | | welded midships | | | | | | | | | |
| Bilge Plating, No. of Strakes | C 1530 | 8 1/2 | 8 | 8 1/2 | / | | fore & aft, single 5/8" | 69 | | | | | | | | |
| Side Plating, No. of Strakes | - | | | | / | | single 5/8" | 69 | | | | | | | | |
| Upper Deck, Sheer-strake in Wells..... | B 1530 | 10 | 8 1/2 | 8 1/2 | / | | single 5/8" | 69 | | | | | | | | |
| Upper Deck, Sheer-strake in Bridge ... | - | | | | / | | single 5/8" | 69 | | | | | | | | |
| Strake below Sheer-strake in Wells | D 1530 | 8 1/2 | 8 | 8 | / | | single 5/8" | 69 | | | | | | | | |
| Strake below Sheer-strake in Bridge ... | -- | | | | / | | single 5/8" | 69 | | | | | | | | |
| Poop Side Plating..... | | | | | / | | single 5/8" | 69 | | | | | | | | |
| Bridge Side Plating..... | -- | | | | / | | single 5/8" | 69 | | | | | | | | |
| Forecastle Side Plating..... | | | | | / | | | | | | | | | | | |
| Forecastle Side Plating..... | | | | | / | | | | | | | | | | | |
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| Forecastle Side Plating..... | | | | | / | | | | | | | | | | | |

WATERTIGHT BULKHEADS.

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

STIFFENERS.

| | Plating Thickness. | VERTICAL. | | HORIZONTAL. | |
|-------------------------------------|--------------------|-------------|----------|-------------|----------|
| | | Scantlings. | Spacing. | Scantlings. | Spacing. |
| MIDSHIP BULKH'D, Upper 'tween decks | | | | | |
| " " Second | | | | | |
| " " Third | | | | | |
| " " Holds | 9 1/2 | 8 | 8 1/2 | 130x75x9 | 760 |
| " " (in Hold) | 10 7/2 | | | 100x75x7 | 610 |
| COLLISION | | | | 90x75x7 | |
| AFTER PEAK | 11 1/5 | | | 120x75x8 | 760-610 |
| | | | | 90x65x7 1/2 | |

FORGINGS AND CASTINGS.

| | Casting or Forging. | Scantlings. | Maker's Name. | Any from Plans |
|---|---------------------|-------------------------|---------------|----------------|
| KEEL, Bar | | flat keel plate | | |
| STEM | | 3 1/4" round bar to 39" | | |
| STERN FRAME | | bent plate 9 mm inner | | |
| Propeller Post | | 160 x 95 | | |
| Rudder | | shaped plate 290x185x | | |
| Speed of Vessel | | 10,5 knots | | |
| RUDDER—Type | | Gertz | | |
| 100 A x D | | 157 | | |
| Diam. of head | | 115 | | |
| Main pin at top pintle | | 100 | | |
| heel | | 100 | | |
| how constructed | | welded | | |
| double or single plate coupling, vertical or horizontal | | double | | |
| chain locker bottom | | horizontal | | |
| 610 tank bottom | | | | |

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) O.H. Progress

Royal Netherlands Blast Furnaces and Steel Works IJmuiden; Appleby Frodingham Steel Comp., Scunthorpe

Steel Company of Scotland, Hall side; Dorman Long Ltd., Middlesbrough; S.A. d'Ougrée Marillay

Has the Steel been tested as required by the Rules? yes

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.)

| No. sister ship | Approved Plans | Dated |
|-----------------|--------------------------|----------|
| 1168.005 | Double bottom | 27-10-55 |
| 1168.014 | X Rudder and stern frame | 9-1-56 |
| 1168.007 | Upper deck | 15-11-55 |
| 1168.003 | Main section | 21-9-55 |
| 1168.023 | X Forepeak and stem | 21-2-56 |
| 1168.010 | X Bulkheads | 27-10-55 |
| 1168.012 | X Afterpeak | 7-11-55 |
| 1168.004 | X Shell expansion | 1-11-55 |
| 1168.002 | / Long section & deck | 21-9-55 |
| 1168.013 | Motor foundation | 1-11-55 |

Sent with this report:

Copy certificate of stern frame No. 27705 dated 20-4-56 Issued Rotterdam

Copy certificate of rudder with head No. 29097 dated 25-7-56, Issued Rotterdam

Copy Interim certificate.

Plans as built; viz: main section 1168-003

Long plan & deck

Shell expansion 1168-004

PARTICULARS OF ELECTRIC WELDING (if employed) All butts of shell & deck plates, seams of bottom plates, bulkhead and stiffeners, motor foundation, hatchway beams, deck beams, stern frame & rudder, double bottom structure, hatchway coamings and stiffeners, webframe.

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

E.S.D., D.F.

RADAR Equipment (State if fitted) none fitted

State Type or Pattern No.

State } Maker
Name } and/or
of } Supplier

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

| | | | |
|-----------|--------|-------------|---------|
| 1st Bower | 8-0-22 | A.E.G. 1858 | 20-9-56 |
| 2nd " | 8-1-2 | A.E.G. 1676 | 19-7-56 |
| 3rd " | 8-0-24 | A.E.G. 1677 | 19-7-56 |

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 37.9 ft., R.Q.D. — ft., Bridge — ft., Forecastle 29.2

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated —

Official No. — Signal Letters PDIY

Extreme Breadth over Belting no belting

Over-all Length 189.7' (Circ. 1703)

No. and Material of Decks one deck steel

Parts of Bottom of Vessel coated with cement or approved composition —

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. |
|---|------------------------|--------------------------------------|---|---------|-----------------|
| Double bottom, xxx | m xxx 35.75 | m ³ xxx 166.56 | Fore peak tank, | 4.15 | 25.9 |
| Double bottom, under Engines and Boilers, | — | — | After peak tank, | 2.80 | 12.1 |
| Double bottom, if under Engines only, | — | — | Deep tank, aft, | | |
| Double bottom, if under Boilers only, | — | — | Deep tank, forward, | | |
| Double bottom, forward, | — | — | Other tanks, if fitted, | | |
| Total length (if continuous) and Capacity | 35.75 | 166.56 | (If necessary furnish further information by sketch.) | | |

Order for Special Survey No.

Date 3-11-1955

Dates of Surveys held while building

| | |
|------|---|
| 1955 | Sept. 6; Oct. 21; Nov. 7, 25; Dec. 3, 13, 22, 23. |
| 1956 | Jan. 18; Febr. 1, 8, 24; March 16, 30; April 18; May 11, 29; June 1, 12, 29; July 3, 13, 26; Aug. 6, 23, 30, 31; Sept. 3, 4, 7, 11, 25, 28; Oct. 19, 23, 31; Nov. 13, 21; Dec. 4, 28. |
| 1957 | Jan. 5, 10 |

Total No. of Visits 43

Lloyd's Register Foundation