

REPT. 1

18 NOV 1949

IN D.O.

STEEL STEAMER OR MOTORSHIP.

Received at London Office 3 NOV 1949

State if Report has been sent on the Freeboard of the Vessel No.

State if Report is sent on the Machinery of the Vessel One will be sent as soon as possible.

Date of completion of report 1st. NOVEMBER 1949 Port of Bergen No. 3389

Survey held at Bergen Date First Survey 30th June Last Survey 15th July 1949

(State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Single screw motorship "NORSTRAUM"

Type Full Scantling, Complete Superstructure with or without Tonnage Openings

State Type of Erections Low FORECASTLE & POOP.

E under Deck ... 136

CLASS Contemplated B.C. State if with freeboard as condition of Class No.

Built at Thorskog

Space or spaces Tonnage Dk. per Dk.

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 99.5

Launched 1892 Yard No. 124

Breadth (greatest moulded) B 21.92

Builders P. Larson

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 10.25

Owners Brødrene Mthilens Rederi

Age 191

1st Longitudinal Number (L x D) = ✓

Manager Anders Mthilen

Tonnage 115

2nd Numeral L x (B + D) = ✓

(Where necessary to be entered in Reg. Book)

Residence 4 BRYGGEN, BERGEN

REGISTERED DIMENSIONS.

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

Port of Registry Bergen

FEET 99.4

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

22.0

Do. Long Bridge to top of keel ✓

8.3

Draught Moulded ✓

If surveyed while building, afloat, or in dry dock

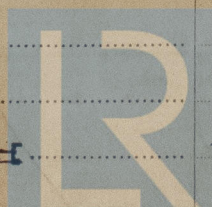
Both.

FRAMES, DOUBLE BOTTOM AND BEAMS.

| | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. | | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. |
|---|---------------------------|--|--|-------------------------|--|
| MES, Spacing amidships..... | 23 ✓ | | Bracket Floors, Frame | 3 x 2 1/2 x .30 x .25 ✓ | |
| " " from 1/2 length amidships to Collision bulkhead..... | 23 ✓ | | " " Reversed Frame..... | 2 x 1 1/2 x .25 ✓ | |
| " " in peaks..... | 26 ✓ | | " " Vertical Struts { 2 each side NO 1 P.B. TANK 3 each side NO 2 P.B. TANK NO 4 | 2 x 1 1/2 x .25 ✓ | up to No 3 frame abaft No 3 |
| mediate frames fitted in forepeak FRAMING. and 3 off abaft coll bulkhead | | | Centre Girder, depth and thickness amidships | None | |
| ame Amidships, Angle, <u>or</u> <u>or</u> | 3 x 2 1/2 x .33 ✓ | | " " top Angles | ✓ | |
| " " Extends up to..... | Main Deck. | ✓ | " " bottom Angles..... | ✓ | |
| versed Frame Amidships, Angle | 1 3/4 x 2 1/2 x .40 | | Side Girders, No. each side and thickness..... | None | strapped |
| frames Nos. 2, 3, 4, 6, 8, 9, 10, 12 1st collision bulkhead | Main Deck. | ✓ | Margin Plate depth (excl. of flange) and thickness | Tanktop | |
| " " Extends up to ... | Main Deck. | ✓ | " " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem | extends to | |
| pth of Framing Girder..... | 3 ✓ | | " " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area | shipsides. | |
| Iceframes forward. | 3 x 2 1/2 x 7/20 ✓ | | " " Gussets, spacing and scantling abaft 1/2 len. from stem..... | ✓ | |
| ames in Uppermost Continuous 'tween | 3 x 2 1/2 x .33 ✓ | | " " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area | ✓ | |
| op SPACE Decks, Angle, <u>or</u> <u>or</u> | ✓ | | Tank Side Brackets, height above base line at toe of Frame and thickness | ✓ | |
| " " Second 'tween Decks, Angle, <u>or</u> <u>or</u> | ✓ | | INNER BOTTOM PLATING. ONLY IN HOLD | RIVETED. | |
| " " Third " " " " " | ✓ | | Breadth and thickness of Middle Line Strake... | .23 ✓ | |
| from 1/2 len. for'd. to 15% len. from Stem | ✓ | | Thickness of remainder in Holds | .28 ✓ | |
| in Peaks, Angle <u>or</u> <u>or</u> | 3 x 2 1/2 x .33 ✓ | | 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 ?..... | ✓ | |
| diameter and Spacing of Rivets through Frame and Shell Plating amidships | 5/8" - 4 1/4" ✓ | | BEAMS. | | |
| te if Frame Joggled..... | No. ✓ | | Uppermost Continuous Deck, amidships in Wells, Angle, <u>or</u> <u>or</u> | 4 x 3 x .32 ✓ | |
| the scantlings and arrangements in the Panting Area in accordance with the Rules or as approved ? | ✓ | | " " in way of Bridge, Angle, <u>or</u> <u>or</u> | 4 x 3 x .32 ✓ | |
| the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved ?..... | ✓ | | Spacing | 23 | |
| LE BOTTOM. | | | Tier of beams in forepeak space | 2 1/2 x 1 3/4 x .25 ✓ | on every frame. |
| ors, Depth and thickness at mid-line in Holds..... | ✓ | | Second Deck, amidships, Angle, <u>or</u> <u>or</u> | | |
| Height of Brackets at side above base line at toe of frame..... | ✓ | | Spacing | ✓ | |
| dle Line Keelson, on Floors, Angles, <u>or</u> <u>or</u> | ✓ | | Third Deck, amidships, Angle, <u>or</u> <u>or</u> | ✓ | |
| " " " Through Plate or Inter-costal Plate | ✓ | | Spacing..... | ✓ | |
| " " " Foundation Plate on Floors | ✓ | | Fourth Deck, amidships, Angle, <u>or</u> <u>or</u> | ✓ | |
| " " " Flat Plate Keel Angles | ✓ | | Spacing..... | ✓ | |
| Keelsons, No. each side..... | ✓ | | Poop Deck, Angle, <u>or</u> <u>or</u> | 3 x 2 1/2 x .30 ✓ | |
| " " thickness of Intercoastal Plate..... | ✓ | | Spacing..... | 23-27 | |
| " " Angles | ✓ | | Bridge Deck, Angle, <u>or</u> <u>or</u> | ✓ | |
| DOUBLE BOTTOM. No 1 & 2 solid floors not P.B. tank 4'6" apart. | 25" - 69" | | Spacing..... | ✓ | |
| " " Are Frame and Reversed Frame joggled ? | No. | | Forecastle Deck, Angle, <u>or</u> <u>or</u> | 4 x 3 x .36 ✓ | |
| Bracket Floors, breadth and thickness at middle line | 25" x 25" x 6" - 9" high. | | Spacing..... | 26 | |
| " " breadth and thickness at margin plate..... | 10" x 7" DEEP x .25 | | | | |

(MADE IN ENGLAND.)

011947-011954-0125 1/2



© 2021

Lloyd's Register Foundation

| PILLARS AND DECKS. | | | PILLARS AND DECKS. | |
|--|---------------------------------|--|---|-----------------|
| | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. | | INCHES IN SHIP. |
| PILLARS, No. of Rows | 2 (at hatchway sides) | 2 1/2 solid ✓ | Stringer Plate, breadth and thickness in way of Bridge | ✓ |
| | All told 12 pillars. | | Thickness of Plating abreast Deck openings in way of Wells | ✓ |
| " in 'tween Decks, Size and Spacing | | | Thickness of Plating abreast Deck openings in way of Bridge | ✓ |
| " " " " " " | | | Thickness of Plating within line of openings | ✓ |
| " in Holds at centreline 2 off between hatchways and 2 off abreast No 2 hatchway | 140 140 12 5 1/2 x 5 1/2 x 45 ✓ | | If Sheathed, material and thickness | ✓ |
| Centre Line Bulkhead, Stiffeners and Spacing | ✓ | | Third Deck. Stringer Plate, breadth and thickness | ✓ |
| Plating, thickness of | ✓ | | If Plated, state thickness | ✓ |
| STRINGERS AND DECKS. | | | Fourth Deck. Stringer Plate, breadth and thickness | ✓ |
| Uppermost Continuous Deck. | 23" x 32. ✓ | | If Plated, state thickness | ✓ |
| Stringer Plate, breadth and thickness in Wells | | | Stringer Plate, breadth and thickness | ✓ |
| " " " " " in way of Bridge | | | If Plated, state thickness | ✓ |
| " Angle in Wells | 3 x 3 x 32 ✓ | | Stringer Plate, breadth and thickness | 6'4" x .25" |
| Thickness of Plating abreast Deck openings in way of Wells | .28 ✓ | | Plating, Sheathing, material and thickness | 2 1/2" PINE |
| Thickness of Plating abreast Deck openings in way of Bridge | .28 ✓ | | Bridge Deck. Stringer Plate, breadth and thickness | ✓ |
| Thickness of Plating within line of openings | .28 ✓ | | Plating, Sheathing, material and thickness | ✓ |
| 3 off most spaces in way of E.R. NO STEEL DECK HERE | 2 1/2" PINE | | Forecastle Deck. Stringer Plate, breadth and thickness | 14 1/2" x .25" |
| If Sheathed, material and thickness | 2 1/2" - | | Plating, Sheathing, material and thickness | 2 1/2" PINE |
| DECK PLANKS IN WAY ABREAST | | | | |
| Second Deck. Stringer Plate, breadth and thickness in Wells | ✓ | | | |

| STRAKES. | AS IN VESSEL. | | | | ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED. | EDGES. | | | | RIVETING. | | | | | | |
|---|---------------|------------|------------|------------|--|---------------------|-----|-------------------|---------|------------------------|---------|--------------------|----------|-------|--------------------|---------|
| | AMIDSHIPS. | | FORWARD. | AFT. | | State if joggled r. | No. | RIVETS. | | No. of Rows of Rivets. | RIVETS. | | STRAKES. | | | |
| | Breadth. | Thickness. | Thickness. | Thickness. | | | | Single or Double. | Rivets. | | Diam. | Spacing cr. to cr. | | Diam. | Spacing cr. to cr. | |
| | Inches. | Inches. | Inches. | Inches. | | | | | Inches. | | | | | | | Inches. |
| Flat Plate Keel..... | | P. 34 | P. 34 | P. 34 | | | | | | | | | | | | |
| „ Dblg. (if any) | | | | | For individual plates see Rpt. 8. | | | | | | | | | | | |
| Bottom Plating, No. of Strakes..... | 2 | .35 | .35 | .30 | .30 | .30 | .30 | | | | | | | | | |
| Bilge Plating, No. of Strakes..... | 3 | .40 | .35 | .25 | .25 | .18 | .25 | | | | | | | | | |
| Side Plating, No. of Strakes..... | 4 | 40 1/2 | .32 | .40 | .30 | .35 | .30 | | | | | | | | | |
| Upper Deck, Sheer-strake in Wells..... | Y | 40 1/2 | .32 | .30 | .28 | .35 | .30 | | | | | | | | | |
| Upper Deck, Sheer-strake in Bridge ... | | | | | | | | | | | | | | | | |
| Strake below Sheer-strake in Wells..... | | | | | | | | | | | | | | | | |
| Strake below Sheer-strake in Bridge ... | | | | | | | | | | | | | | | | |
| Poop Side Plating..... | | | | | .26 | | | | | | | | | | | |
| Bridge Side Plating..... | | | | | | | | | | | | | | | | |
| Forecastle Side Plating | | | | | .28 | | | | | | | | | | | |

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) 3 ✓

„ Deck next below ✓

As per Rule 3.

| | Casting or Forging. | Scantlings. | Maker's Name. | An- gular Iron Plate |
|--|------------------------|-------------|------------------|-------------------------------|
| KEEL, Bar | FORGING | 4½" x 1" | | |
| STEM | " " | 4½" x 1" | | |
| STERN FRAME { Propeller Post | Casting | | | |
| { Rudder " | ↓ | | | |
| Speed of Vessel | 8 KNOTS ✓ | | | |
| RUDDER—Type | SPADE BALANCED TYPE | | | |
| " A × D..... | ✓ | | | |
| " Diam. of head | FORGING. | 3¾" ✓ | | |
| " Mainpiece at top pintle | ✓ | | | |
| " heel - " " " | " " | 2½" ✓ | | |
| " how constructed | BY WELDING. | | | |
| " double or single plate coupling, vertical or | DOUBLE PLATE | .50" | | |
| " horizontal | HORIZONTAL | | | |

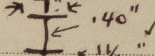
STEEL.

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

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

| EQUIPMENT No. <i>200.5 approx</i> | | | | | | | | | | LETTER <i>C.12</i> | | ANCHORS. | | | |
|-----------------------------------|-------------------|--------------------|------|------|------------------|------|------|------------------------|-------|--------------------|---------------------------------|------------------------|----------------------------|---|-------------------------|
| Number of Station. | Anchor. | 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. | Cwts. | | | |
| ✓ | 1st Bower ... | <i>Unknown</i> | | | <i>unknown</i> | | | | | | | <i>5 1/4 shackles</i> | <i>Common Stock anchor</i> | <i>Unknown</i> | <i>Unknown</i> |
| ✓ | 2nd " | <i>4 15-24</i> | | | <i>"</i> | | | | | | | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i> |
| ✓ | 3rd " | <i>"</i> | | | <i>"</i> | | | | | | | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i> |
| | Collective weight | <i>Unknown</i> | | | | | | | | | | <i>10 1/2</i> | <i>"</i> | | |
| | Stream | <i>unknown</i> | | | <i>unknown</i> | | | | | | | <i>1 1/4.</i> | <i>Common Stock anchor</i> | <i>Unknown</i> | <i>Candler 40 to 45</i> |

| ber of date. | Length and size supplied. | | Test per Certificate. | | WEIGHT OF CHAIN CABLE. | | Length and Size per Table 53. | | Descrip- tion. | 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. Fathoms. | Diam. Ins. | Status. Tons. | Break- ing Tons. | Supplied. Cwts. qrs. lbs. | Per Rule. Cwts. | Length. Fathoms. | Diam. Ins. | | | | | Length. Fathoms. | Cir. Ins. | | Length. Fathoms. | Cir. Ins. |
| | | | | | | | | | | | | | | | | | |
| ✓ | 150 | 3/8 7/8 | ✓ | ✓ | ✓ | | 120 | 1 1/2 | Shankline | ✓ | ✓ | TOWLINE | None | | 60 | 2 1/4 | |
| | | | | | | | | | | | | HAWSERS } Deficient | | 60 | 1 1/2 | | |
| ream or Wire | None | | | | | | 45 | 2 1/2 | | | | " | | | | | |

Steering Gear, Type (Power or hand) Hand ✓ Alternative Means of Steering Block & tackle ✓
 Steering Chains (Size and Test) 9/16" Windlass DRIVEN BY CHAIN FROM WINCH Boats 2 ✓
 Lifting in Holds, thickness and material 2" PINE ✓ Cargo Battens, thickness, material and spacing 7 3/4", 2", 28" apart
 Deck Hatchways.—(Upper Deck) STEEL COAMINGS No. 1—30 3/4" x .40" No. 2—30 3/4" x .40" Thickness of Hatches 2 1/2"
 Lower Deck Hatchways No. 1 (Fwd.) 13'-1" x 9'-9 7/8" No. 2 14'-8 1/2" x 11'-2" No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓
 Number of Shifting Beams } 2 off each hatchway 11 1/4" deep at middle, 7 1/2" at ends.


 and/or Fore and Afters }

Builder's Signature _____ ✓

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 Yes.
(b) 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).
It is carried as fuel in deep oil fuel tanks port and starboard side forward end of engine room.
This vessel has been under survey by Mr. A. Andersen, the former non-exclusive surveyor to British Corporation but no report submitted.
The vessel has now been examined as far as possible as reported in Rpt. 8, now attached and found in general good condition except for shell plates as detailed in Rpt. 8. and mast.
The workmanship is good.
Various scantlings differ from those given on the midship section and shell expansion, previously submitted by Mr. Andersen.
No authentic approved plans are available except for new balanced rudder.

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 copy of the Plans should be embodied.)

Plans of new balanced rudder approved 31/1-49 with various amendments.
Plan of midship section is hereby returned.

3" x 1 1/2" halfround moulding fitted at top of sheerstrake full length of vessel
" " " " at lower part of " " nearly " " " "
" " " " at middle of E strake full length of vessel.
" " " " " D " nearly " " " "

PARTICULARS OF ELECTRIC WELDING (if employed) Engine room bulkhead at fore end and oil fuel deep tanks electrically welded. Electrodes used: Unknown as work carried out in 1948.

Electrodes used for new stiffeners on Engine room bulkhead O.K. 50.
" " " rudder O.K. 50.

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

For general cargo and fishing.

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

1st Bower marked N H. 44794, 5-2-7, 1-1-22.
2nd " " N H. 45760, 4-0-24, 1-0-0
Stream anchor " L.P.H.-C.H. 28730. 24.17, 3-18-3-0. B.T. 2-1-2.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 35.3 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 13.7

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

Official No. Signal Letters L.K.Q.P. Extreme Breadth over ^{halfround mouldings} ~~Bell~~ 22.2 ft. Over-all Length 103'-4" (Circ. 1611) (Circ. 1703)

No. and Material of Decks One deck steel.

Parts of Bottom of Vessel coated with cement or approved composition. No cement or 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. |
|---|---------|-----------------|---|----------|-----------------|
| | Feet. | Tons. | | Feet. | Tons. |
| Double bottom, aft, | ✓ | ✓ | Fore peak tank, | No tank. | |
| Double bottom, under Engines and Boilers, | ✓ | ✓ | After peak tank, | " " | |
| Double bottom, if under Engines only, | ✓ | ✓ | Deep tank, aft, | | |
| Double bottom, if under Boilers only, | ✓ | ✓ | Deep tank, forward, | | |
| Double bottom, forward, | 56'-1" | ✓ | Other tanks, if fitted, | | |
| Total length (if continuous) and Capacity | 56'-1" | UNKNOWN | (If necessary furnish further information by sketch.) | | |

Order for Special Survey No. ✓

Date ✓

Dates of Surveys held while building

30/6, 1/7, 2/7, 4/7, 5/7, 7/7, 11/7, 12/7, 13/7, 15/7-1949



© 2021

Lloyd's Register Foundation
Total No. of Visits