

STEEL STEAMER ~~or MOTORSHIP~~

Received at London Office

30 DEC 1936

State if Report has been sent on the Freeboard of the Vessel *NO*State if Report is sent on the Machinery of the Vessel *YES*Date of completion of report *22nd DECEMBER 1936* Port of *BREMEN*No. *1861*Survey held at *WEIERMÜNDE*Date First Survey *23rd JULY 1936*Last Survey *11th DECEMBER 1936*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *STEEL JO STEAM TRAWLER "NORTHERN ISLES" (LO 172) MACHINERY FITTED AFT.*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *FULL SCANTLING*State Type of Erections *FORECASTLE*TONNAGE under Tonnage Deck... *530.57*CLASS ** 100 A 1* State if with freeboard *NO*
STEAM TRAWLER as condition of ClassBuilt at *WEIERMÜNDE*

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

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 184.4*Launched *15th OCTOBER 36* Yard No. *589*

Total

Breadth (greatest moulded) *B 28.0*Builders *DESCHIMAG WERK CEEBECK*Gross Tonnage *654.79*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 16.5*Owners *MAC LINE LTD.*Register Tonnage *243.02*1st Longitudinal Number (L x D) *= 3043*Managers *E.D.W. LAWFORD.*

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

2nd Numeral L x (B + D) *= 8164*Residence *FLEETWOOD.*REGISTERED DIMENSIONS.
FEET.Length *188.1*Framing Depth "d," at middle of length. See Sec. 3 (1d) *26.3*Breadth *28.15*Proportions—Depth to Length—Uppermost continuous deck to top of keel *L:D = 11*Depth *15.5*Do. Long Bridge to top of keel *✓*

Draught Moulded

Port of Registry *LONDON*

If surveyed while building, afloat, or in dry dock

WHILE BUILDING AND AFLOAT.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	<i>in/in</i> IN SHIP.	Any Departure from Approved Plans to be Noted.		<i>in/in</i> IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	<i>570</i>	<i>✓</i>	Bracket Floors, Frame	<i>130 75 8</i>	<i>✓</i>
" " from $\frac{3}{8}$ length to Collision bulkhead	<i>545</i>	<i>✓</i>	" " Reversed Frame	<i>115 65 8</i>	<i>✓</i>
" " in peaks <i>FORWARD 0.5L</i>	<i>470</i>	<i>✓</i>	" " Vertical Struts	<i>160 65 9</i>	<i>✓</i>
SIDE FRAMING. IN BUNKERS, E & B-ROOM <i>5</i>	<i>150 75 9</i>	<i>✓</i>	Centre Girder, depth and thickness amidships	<i>910 x 8</i>	<i>✓</i>
Frame Amidships, Angle, <i>IN FISH ROOM</i>	<i>150 75 9</i>	<i>✓</i>	" " top Angles	<i>NONE FLANGED 70</i>	<i>✓</i>
" " Extends up to <i>UPPER DECK</i>	<i>130 75 10-9</i>	<i>✓</i>	" " bottom Angles	<i>NONE WELDED ON KEEL</i>	<i>✓</i>
Reversed Frame Amidships, Angle	<i>✓</i>	<i>✓</i>	" " ANGLES TO FLOORS	<i>75 75 75</i>	<i>✓</i>
" " Extends up to	<i>✓</i>	<i>✓</i>	Side Girders, No. each side and thickness	<i>NONE</i>	<i>✓</i>
Depth of Framing Girder	<i>150 - 130</i>	<i>✓</i>	Margin Plate depth (excl. of flange) and thickness	<i>650 x 7.5</i>	<i>✓</i>
Frames in Uppermost Continuous 'tween Decks, Angle, [or [<i>✓</i>	<i>✓</i>	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	<i>75 75 7.5</i>	<i>✓</i>
" " Second 'tween Decks, Angle, [or [<i>✓</i>	<i>✓</i>	" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem	<i>75 75 7.5</i>	<i>✓</i>
" " Third " " " "	<i>✓</i>	<i>✓</i>	" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	<i>NONE</i>	<i>✓</i>
Framing in Peaks, Angle <i>5</i>	<i>130 75 10-9</i>	<i>✓</i>	" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem	<i>NONE</i>	<i>✓</i>
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>19p - 7d</i>	<i>✓</i>	Tank Side Brackets, height above base line at toe of Frame and thickness	<i>1200</i>	<i>✓</i>
State if Frame Joggled	<i>NO</i>	<i>✓</i>	INNER BOTTOM PLATING.		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>✓</i>	<i>✓</i>	Breadth and thickness of Middle Line Strake	<i>1450 x 7.5</i>	<i>✓</i>
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>FRAME SPACING 4' LESS THAN AMIDSHIP. 3 BOTTOM STRAKES OF 13.5" THICKNESS. SOLID PLATING ON 1/4L AND FRAME RIVETS 5.5" APART.</i>	<i>✓</i>	Thickness of remainder in Holds	<i>7.5</i>	<i>✓</i>
SINGLE BOTTOM.			Are Rule requirements complied with regarding increases of scantlings in way of <i>FRAMING</i> in Bunkers and Boiler Room?	<i>YES</i>	<i>✓</i>
Floors, Depth and thickness at mid-line in <i>IN BUNKERS & BOILER ROOM.</i>	<i>520 x 10</i>	<i>✓</i>	BEAMS. <i>IN FISH ROOM</i>	<i>130 75 10</i>	<i>✓</i>
Height of Brackets at side above base line at toe of frame	<i>520</i>	<i>✓</i>	" <i>IN BUNKERS</i>	<i>165 75 9.5</i>	<i>✓</i>
Middle Line Keelson, on Floors, Angle, <i>5</i>	<i>320 x 100 x 14 x 16.5</i>	<i>✓</i>	" <i>IN ENGINE & BOILER SPACE</i>	<i>130 65 10</i>	<i>✓</i>
" " Through Plate or Intercoastal Plate	<i>✓</i>	<i>✓</i>	Uppermost Continuous Deck, amidships	<i>140 65 9</i>	<i>✓</i>
" " Foundation Plate on Floors	<i>✓</i>	<i>✓</i>	" <i>IN ACCOMMODATIONS</i>	<i>130 65 8</i>	<i>✓</i>
" " Flat Plate Keel Angles	<i>✓</i>	<i>✓</i>	" " in way of Bridge, Angle, [or [<i>✓</i>	<i>✓</i>
Side Keelsons, No. each side	<i>ONE</i>	<i>✓</i>	Spacing	<i>2 FRAME SPACES</i>	<i>✓</i>
" " thickness of Intercoastal Plate	<i>✓</i>	<i>✓</i>	Second Deck, amidships, Angle, [or [<i>✓</i>	<i>✓</i>
" " Angle <i>SINGLE</i>	<i>130 90 13</i>	<i>✓</i>	Spacing	<i>✓</i>	<i>✓</i>
DOUBLE BOTTOM.			Third Deck, amidships, Angle, [or [<i>✓</i>	<i>✓</i>
Solid Floors, thickness and spacing	<i>7.5 x 1635</i>	<i>✓</i>	Spacing	<i>✓</i>	<i>✓</i>
" " Are Frame and Reversed Frame joggled?	<i>NO</i>	<i>✓</i>	Fourth Deck, amidships, Angle, [or [<i>✓</i>	<i>✓</i>
Bracket Floors, breadth and thickness at middle line	<i>400 x 7.5</i>	<i>✓</i>	Spacing	<i>✓</i>	<i>✓</i>
" " breadth and thickness at margin plate	<i>400 x 7.5</i>	<i>✓</i>	Poop Deck, Angle, [or [<i>✓</i>	<i>✓</i>
			Spacing	<i>✓</i>	<i>✓</i>
			Bridge Deck, Angle, [or [<i>✓</i>	<i>✓</i>
			Spacing	<i>✓</i>	<i>✓</i>
			Forecastle Deck, Angle, [or [<i>130 65 8</i>	<i>✓</i>
			Spacing	<i>940</i>	<i>✓</i>

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- For S. S. O. F. see Runn 1860.
Northern Run

VESSEL IS FITTED WITH: "WIRELESS"; "DIRECTION FINDING APPARATUS"; AND "ECHO SOUNDING APPARATUS."

[illegible]

No. and Material of Decks 12K (STL) COMPL. SHEATHED 3" PITCH PINE

Signal Letters

Is bottom of vessel coated with cement.

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...if not give

Order for Special Survey No. 73

Date 16th APRIL 1936

Dates of Surveys

JULY 23, 27; AUG 7, 12, 14, 18, 25, 27; SEPT 4, 7, 15, 17, 22, 28; OCT 2, 7, 16, 20;
NOV 10, 14, 17, 20, 24, 27; DEC 2, 8, 11.

* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓	✓	Fore peak tank, <i>TWO COMPARTMENTS, TOGETHER</i>	<i>15.35</i>	<i>43.5</i>
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	<i>9.35</i>	<i>8.0</i>
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward, <i>FEEDWATER & FRESHWATER (3 DOUBLE BOTTOM TANKS)</i>	<i>52.2</i>	<i>66.0</i>	Other tanks, if fitted, <i>4 LIVER OIL TANKS AFT.</i>	<i>11.2</i>	<i>20.0</i>
	Total capacity of double bottom	<i>66.0</i>	(If necessary, furnish further information by sketch.)	✓	✓

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

47 15 17 22, 28; Oct 2, 7 16, 20,
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Total No. of Visits 27