

## STEEL STEAMER OF MOTORSHIP.

Received at London Office JUL 27 1939

State if Report has been sent on the Freeboard of the Vessel YESState if Report is sent on the Machinery of the Vessel YESDate of completion of report 19<sup>TH</sup> JULY 1939Port of ROTTERDAMNo. 28422<sup>a</sup>Survey held at ALBLASSERDAMDate First Survey 4<sup>TH</sup> NOVEMBER 1938 Last Survey 17<sup>TH</sup> JULY

1939

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

SINGLE SCREW MOTOR TANKER"MILDRED" (MCHY. AFT).

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

FULL SCANTLINGState Type of Erections R.O.D. TRUNK & FORECASTLE

TONNAGE under Tonnage Deck...

425.10CLASS 100 A1State if with freeboard as condition of Class NOBuilt at ALBLASSERDAM

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

Length from fore part of stem to after part of stern most on summer L.W.L. See Sec. 3 (1a) FOR SCANTLINGL 178.16Launched 9-6-39 Yard No. 577Breadth (greatest moulded) B 27.62Builders WERF DE NOORDTotal 425.10Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 11.19Owners N.V. TANKKUSTVAART MAATSCH.Gross Tonnage 552.39Register Tonnage 245.601st Longitudinal Number (L x D) = 1973

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

2nd Numeral L x (B + D) = 6844Residence ROTTERDAM

## REGISTERED DIMENSIONS.

FEET.

Length 180.3Framing Depth "d," at middle of length. See Sec. 3 (1d) 2.98Proportions—Depth to Length—Uppermost continuous deck to top of keel 15.77Port of Registry ROTTERDAMBreadth 27.8

If surveyed while building, afloat, or in dry dock

Depth 10.4Draught Moulded 10.89BUILDING

## 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.
<b>FRAMES, Spacing amidships</b> .....	<u>21</u>	✓	<b>Bracket Floors, Frame</b> .....		
" " from $\frac{3}{8}$ length amidships to Collision bulkhead.....	<u>21</u>	✓	" " Reversed Frame .....		
" " in peaks.....	<u>21</u>	✓	" " Vertical Struts .....		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
Frame Amidships, Angle <u>E</u> or <u>F</u> .....	<u>5 1/2 3 32</u>	✓	" " top Angles .....		
" " Extends up to .....	<u>UPPER D.</u>	✓	" " bottom Angles .....		
<b>Reversed Frame Amidships, Angle</b> .....			<b>Side Girders, No. each side and thickness</b> .....		
" " Extends up to...			<b>Margin Plate depth (excl. of flange) and thickness</b> .....		
<b>Depth of Framing Girder</b> .....			" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem .....		
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or [</b> .....			" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area .....		
" " <b>Second 'tween Decks, Angle, [ or [</b> .....			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....		
" " <b>Third</b> " " " " .....			" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area.....		
" " from $\frac{1}{2}$ len. for'd. to $15\%$ len. from Stem.....	<u>5 1/2 3 32</u>	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
" " in Peaks, Angle <u>E</u> or <u>F</u> .....	<u>4 3 30</u>	✓	<b>INNER BOTTOM PLATING.</b>		
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b> .....	<u>5/8 - 6 DIAS.</u>	✓	Breadth and thickness of Middle Line Strake ...		
<b>State if Frame Joggled</b> .....	<u>YES</u>	✓	Thickness of remainder in Holds .....		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....	<u>YES</u>	✓	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? .....		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? .....	<u>YES</u>	✓	<b>BEAMS.</b>		
<b>SINGLE BOTTOM.</b>			<b>Uppermost Continuous Deck, amidships in Wells, Angle, [ or [</b> .....	<u>4 2 1/2 30</u>	✓
Floors, Depth and thickness at mid-line in Holds .....	<u>15 1/2 x 30</u>	<u>APPR. 14 1/2</u>	" " in way of Bridge, Angle, [ or [ .....		
Height of Brackets at side above base line at toe of frame .....	<u>33</u>	<u>APP. 30</u>	Spacing .....	<u>21</u>	✓
<b>Middle Line Keelson, on Floors, Angles, [ or [</b> .....	<u>CENTRE LINE</u>		<b>Second Deck, amidships, Angle, [ or [</b> .....		
" " Through Plate or Intercoastal Plate... ..	<u>LINE</u>		Spacing .....		
" " Foundation Plate on Floors .....	<u>BULKHEAD</u>		<b>Third Deck, amidships, Angle, [ or [</b> .....		
" " Flat Plate Keel Angle .....	<u>6 6 42</u>	✓	Spacing .....		
<b>Side Keelsons, No. each side</b> .....	<u>ONE</u>		<b>Fourth Deck, amidships, Angle, [ or [</b> .....		
" " thickness of Intercoastal Plate... ..	<u>30</u>	✓	Spacing .....		
" " Angles .....	<u>4 3 32</u>	✓	<b>R.O. Peep Deck, Angle, [ or [</b> .....	<u>4 1/2 2 1/2 36</u>	✓
<b>DOUBLE BOTTOM.</b>			Spacing .....	<u>21</u>	✓
<b>Solid Floors, thickness and spacing</b> .....			<b>Bridge Deck, Angle, [ or [</b> .....		
" " Are Frame and Reversed Frame joggled? .....			Spacing .....		
<b>Bracket Floors, breadth and thickness at middle line</b> .....			<b>Forecastle Deck, Angle, [ or [</b> .....	<u>4 1/2 3 36</u>	✓
" " breadth and thickness at margin plate .....			Spacing .....	<u>21</u>	✓



# PILLARS AND DECKS.

	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>			<i>TWO</i>	✓					
"    in 'tween Decks, Size and Spacing.....			▼						
"    "    "    "    "    "									
"    in Holds    "    "	<i>44</i>	<i>4</i>	<i>40</i>	✓					
"    "    "    "    "	<i>SP.</i>	<i>63"</i>		✓					
<b>Centre Line Bulkhead.</b>									
Stiffeners and Spacing.....	<i>27</i>	<i>3</i>	<i>44</i>	✓					
Plating, thickness of .....			<i>.34</i>	✓					
<b>STRINGERS AND DECKS.</b>									
<b>Uppermost Continuous Deck.</b>									
Stringer Plate, breadth and thickness in Wells	<i>40</i>	<i>x</i>	<i>.36</i>	✓					
"    "    "    "    in way of Bridge			▼						
"    Angle in Wells .....	<i>5</i>	<i>5</i>	<i>40</i>	✓	<i>2 3/8 x 30</i>				
Thickness of Plating abreast Deck openings) in way of Wells .....			<i>.36</i>	✓					
Thickness of Plating abreast Deck openings) in way of Bridge .....			▼						
Thickness of Plating within line of openings...			▼						
If Sheathed, material and thickness .....			▼						
<b>Second Deck.</b>									
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 .....									
<b>Third Deck.</b>									
Stringer Plate, breadth and thickness.....									
If Plated, state thickness.....									
<b>Fourth Deck.</b>									
Stringer Plate, breadth and thickness.....									
If Plated, state thickness .....									
<b>Deck.</b>									
Stringer Plate, breadth and thickness .....						<i>64</i>	<i>x</i>	<i>.30</i>	✓
Plating, Sheathing, material and thickness ...						<i>.31</i>	<i>124</i>	<i>2 1/2</i>	✓
<b>Bridge Deck.</b>									
Stringer Plate, breadth and thickness.....									
Plating, Sheathing, material and thickness ...									
<b>Forecastle Deck.</b>									
Stringer Plate, breadth and thickness.....						<i>.26</i>			✓
Plating, Sheathing, material and thickness ...						<i>UNSH.</i>	<i>.26</i>		✓

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <i>NO.</i>		RIVETS.		No. of Rows of Rivets.	STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.		Diam.	Spacing cr. to cr.		
	Inches.	Inches.	Inches.	Inches.				Inches.	Inches.		
FLAT PLATE KEEL .....	<i>40</i>	<i>.58</i>	<i>.50</i>	<i>.50</i>		<i>II</i>		<i>3/4</i>	<i>2 5/8</i>	<i>III</i>	<i>LAPPED</i>
"    DBLG. (if any)											
BOTTOM PLATING, No. of Strakes ..... <i>2</i> ...	<i>58 3/4</i>	<i>.40</i>	<i>.34</i>	<i>.34</i>		<i>II</i>		<i>3/4</i>	<i>2 5/8</i>	<i>II</i>	<i>DO.</i>
BILGE PLATING, No. of Strakes ..... <i>1</i> ...	<i>68</i>	<i>.36</i>	<i>.30</i>	<i>.30</i>		<i>II</i>		<i>5/8</i>	<i>2.3</i>	<i>II</i>	<i>DO.</i>
SIDE PLATING, No. of Strakes ..... <i>1</i> ...	<i>59 1/2</i>	<i>.36</i>	<i>.30</i>	<i>.30</i>		<i>II</i>		<i>5/8</i>	<i>2.3</i>	<i>II</i>	<i>DO.</i>
UPPER DECK, Sheer-strake in Wells.....	<i>43 1/2</i>	<i>.36</i>	<i>.30</i>	<i>.30</i>						<i>III</i>	<i>DO.</i>
UPPER DECK, Sheer-strake in Bridge ...											
STRAKE BELOW Sheer-strake in Wells.....											
STRAKE BELOW Sheer-strake in Bridge ...											
<i>R.O.D.</i> DECK SIDE PLATING .....		<i>.40</i>	<i>.30</i>			<i>I</i>		<i>3/4</i>	<i>2 5/8</i>	<i>III</i>	<i>DO.</i>
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING			<i>.26</i>			<i>I</i>		<i>5/8</i>	<i>2 1/2</i>	<i>I</i>	<i>DO.</i>

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>	
Extending to Upper Deck (Sec. 3 c)	<i>8. 9 B in R.B.</i>
"    Deck next below	<i>1.</i>
As per Rule	<i>3.</i>

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD, Upper tween decks</b>	▼				
"    "    Second    "	▼				
"    "    Third    "	▼				
"    "    Holds .....		<i>.35</i>	<i>27 x 3 x 44</i>	<i>24</i>	<i>SEMI-BOX BEAM IN TRUNK.</i>
<b>COLLISION</b> "    (in Hold) .....		<i>.35</i>	<i>26 x 3 x 46</i>	<i>24</i>	<i>SEMI-BOX BEAM</i>
<b>AFTER PEAK</b> "    "    .....		<i>.28</i>	<i>16 x 3 1/2 x 24 x 28</i>	<i>24</i>	

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
<b>KEEL, Bar .....</b>		<i>FLAT KEEL PLATE</i>		✓
<b>STEM .....</b>		<i>PLATE</i>	<i>.38/52</i>	
<b>STERN FRAME</b> { Propeller Post .....		<i>C.</i>	<i>200 x 100</i>	<i>GUSTAVE BOEL</i>
{ Rudder .....				
<b>Speed of Vessel.....</b>		<i>11. KNOTS</i>		
<b>RUDDER—Type.....</b>		<i>BALANCED</i>		✓
"    A x D x <i>100 x 22.5</i>				
"    Diam. of head .....		<i>FORG.</i>	<i>138</i>	<i>BUILDERS</i>
"    Mainpiece at top pintle				
"    "    heel ...				
"    how constructed .....		<i>CAST STEEL ARM</i>		✓
"    double or single plate coupling, vertical or horizontal.....		<i>DOUBLE</i>		✓
		<i>VERTICAL</i>		

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

STEEL.

*BETHLEHEM STEEL COMPANY.*

Has the Steel been tested as required by the Rules? *YES.*

*OPEN HEARTH PROCESS.*



Lloyd's Register Foundation

TELEGRAM

(Req. 1a)

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EQUIPMENT No. 4490 ✓										LETTER "L" ✓		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.
		Gwts. K.G.	qrs.	lbs.	Gwts. K.G.	qrs.	lbs.	Tons. K.G.	cwts.	qrs.				
86	1st Bower ...	454 ✓			▼			16.430 ✓			435 ✓	VEILLE TYPE.	A. VEILLE & C <sup>IE</sup>	LE HAVRE, 1-5-39
85	2nd " ...	452 ✓			▼			16.605 ✓			435 ✓	"	"	" 29-4-39
82	3rd " ...	692 ✓			▼			15.415 ✓			650 ✓	"	"	" 25-4-39
	Collective weight.	2201 ✓									2120 ✓			
91	Stream .....	215 ✓			51			6.440 ✓			215 ✓	ORDINARY.	M <sup>R</sup> BRIQUET.	" 20-5-39

J. GREENHORN

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.	
					Supplied.	Per Rule.									Length.	Cir.		Length.	Cir.
	Fathoms.	In.	Tons.	qrs.	lbs.	Gwts.	qrs.	lbs.	Fathoms.	In.					Fathoms.	In.	Tons.	Fathoms.	In.
	M.R.	"	"	"	"	"	"	"											
209	361.29	30	25481	38608	4412	4040	355	39	STUD.	A. VIELLE & C <sup>ie</sup>	LE HAVRE, 12-4-39								
														TOWLINE...	45	2 3/4	152	45	2 3/4
														HAWSERS & WARPS	20	2 1/4	108	20	2 1/4

Steering Gear, Type (Power or hand) HAND IN GOOD WORKING ORDER Alternative Means of Steering BLOCKS & TACKLE ✓

Steering Chains (Size and Test) 3/4" 6 3/4 - 13 1/2 T. Windlass ELECTRIC Boats 2 LIKE BOATS

Ceiling in Holds, thickness and material STEEL, OILTIGHT Cargo Battens, thickness, material and spacing 36" STIFFENED

Cargo Hatchways. (Upper Deck) STEEL, OILTIGHT Thickness of Hatches 36" STIFFENED

Size of Hatchways No. 1 (Fwd.) 46" x 34" No. 2 46" x 34" No. 3 46" x 34" No. 4 46" x 34" No. 5 46" x 34" No. 6 46" x 34"

Number of Shifting Beams and/or Fore and Afters NONE FITTED

Builder's Signature

per proc. WERF DE NOORD J. C. SMIT

*[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 (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 CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS, LONDON AND ROTTERDAM LETTERS AND IN GENERAL CONFORMITY WITH THE SOCIETY'S RULES. ALL PEAK TANKS, BUNKERS, FRESH WATER TANKS, CARGO TANKS, CORRUGATEDS, DECKS & GUTTERWAYS TESTED AS PER RULES AND ALL PARTS FOUND SOUND AND TIGHT.

The amount of Entry Fee ..... £. 48.- v: Fees applied for, 26.7.1939 (Special notations, where part of class, to be stated.)  
Special Survey Fee.... £. 995.- v: Received by me, 3.8.1939  
Travelling Expenses, if any £. 24.- v: I am of opinion the Vessel should be Classed 100A1 "CARRYING PETROLEUM IN BULK" ✓

State whether the Vessel has been built under Special Survey YES Signature *[Signature]* Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to SURV. ROTTERDAM. Date of issue 15/8/39

Committee's Minute

FRI 4 AUG 1939

Character assigned

+ 100A1  
Carrying petroleum in bulk  
Lloyd's assoc.  
L.S. - 145-18

Lloyd's Register Foundation

W993B-00532/2



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 APPROVED (COPIES IN LONDON OFFICE)

1. MIDSHIP SECTION, PROFILE, DECKS, BULK HEADS. APPR. LONDON 29-9-38.
2. STERNFRAME & RUDDER. " ROTTERDAM 2-11-38.
3. MODIFIED FRAMING. " " 26-11-38.
4. MOTOR SEATING. " " 9-1-39.

SIMILAR SHIPS: "MELISSA" ROT. RPT. 24806.  
"PORT LYAUTEY" " " 24464.

CERTIFICATES OF STERNFRAME AND RUDDER ARMS AND COPIES OF INTERIM CERTIFICATE AND OF PROVISIONAL FREEBOARD CERTIFICATE ATTACHED.

PARTICULARS OF ELECTRIC WELDING (if employed)

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

WIRELESS AND DIRECTION FINDER FITTED.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	HEAD: 495 K.G.; ✓ R.M. N° 134; 24-2-39; SHANK 230 K.G. R.M. 134.			
	2nd "	"	490 "	✓	135; " 228 " 135.
	3rd "	"	440 "	✓	138; " 220 " 138.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 61.8 ft., R.Q.D. 61.8 ft., Bridge 33.2 ft., Forecastle 33.2 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 Extreme Breadth over Belting (Circ. 1611) Over-all Length (Circ. 1703) 189' ✓  
No. and Material of Decks 1 STEEL DECK.  
Parts of Bottom of Vessel coated with cement or approved composition PEAK TANKS COATED WITH CEMENT. ✓  
PAINT IN MOTOR ROOM WITH OWNERS' CONSENT. ✓  
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,	24.5	117
Double bottom, under Engines and Boilers,			After peak tank,	13.9	19.5
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			(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 946

Date 28-9-38.

Dates of Surveys held while building

1938: NOV. 4-23-30; DEC. 12-29;

1939: JAN. 5-11-25-30; FEB. 10-22-28; MAR. 6-10-14-24; APR. 6-18-20-24-27;

MAY 1-12-15-16-19-22-25; JUNE 5-9-13-15-26-28-30; JULY 6-10-12-14-17

Total No. of Visits 40.