

## STEEL STEAMER or MOTORSHIP.

Received at London Office...

27 JAN 1932

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

Date of completion of report

22 January 1931

Port of

Copenhagen

No.

8694

Survey held at

Odense

Date First Survey

5 September 1930

Last Survey

14 January

1931

On the

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

Steel single screw motor tanker

BENTE MÆRSK "now named" BATUMSKY SOVIET

State Type

(Full scantling, Complete Superstructure with or without Tonnage Openings)

Tanker, Transverse framing, 2 long. blhd.

State Type of Erections P, B &amp; F

TONNAGE under Tonnage Deck...

5504.24

CLASS 100 A 1

State if with freeboard

Built at Odense

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 406' 7"

Launched 28/3/31

Yard No. 43

Total

Breadth (greatest moulded)

B 54' 6"

Builders Odense Steel Shipyard

Gross Tonnage

6235.82

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

D 32' 3 1/4"

Owners Sovlongflot

Register Tonnage

3676.03

1st Longitudinal Number (L x D) = 13112

Managers Black Sea Head Office

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

2nd Numeral L x (B + D) = 35270

## REGISTERED DIMENSIONS.

FEET.

Length

407.1

Breadth

54.7

Depth

30.4

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

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

10.65 to top of trunk

Port of Registry Tuapse

If surveyed while building, afloat, or in dry dock

Draught Moulded

26' 7 3/4"

while building.

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP.	Any Departure from Approved Plans to be Noted.		IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>FRAMES, Spacing amidships</b>	750 ✓		<b>Bracket Floors, Frame</b>	✓	
" " from 1/3 length to Collision bulkhead	685 ✓		" " Reversed Frame	✓	
" " in peaks	600 ✓		" " Vertical Struts	✓	
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	1000 13-11.5	
<b>Bottom Frame Amidships, Angle E or F</b>	280 90 13	✓	" " top Angles	double 100 100 14	
" " Extends up to	from long. blhd to long. blhd		" " bottom Angles	double 100 100 14	
<b>Side Reversed Frame Amidships, Angle E</b>	250 90 12.5	✓	<b>Side Girders, No. each side and thickness</b>	1 @ 11	
" " Extends up to	from long. blhd to upper deck		<b>Margin Plate</b> depth (excl. of flange) and thickness	✓	
<b>Depth of Framing Girder</b>	✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	✓	
<b>Frames in Uppermost Continuous 'tween Decks, Angle, E or F</b>	✓		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	✓	
" " <b>Second 'tween Decks, Angle, E or F</b>	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
" " <b>Third " " " "</b>	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	✓	
<b>Framing in Peaks, Angle E or F</b>	200 90 11	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	✓	
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	22 135	✓			
<b>State if Frame Joggled</b>	yes		<b>INNER BOTTOM PLATING.</b>		
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars	side stringers and beams intermediate for ice strengthening		Breadth and thickness of Middle Line Strake	1390 12.5	✓
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars	Back bars on bottom frames 2 extra girders (p.s.) Bottom shell increased		Thickness of remainder in Hold, motor room	12.5	✓
<b>SINGLE BOTTOM.</b>			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?	✓	
<b>Floors, Depth and thickness at mid-line in Holds</b>	✓		<b>BEAMS.</b>		
Height of Brackets at side above base line at toe of frame	✓		<b>Uppermost Continuous Deck, amidships</b>	180 90 10	✓
<b>Middle Line Keelson, on Floors, Angle E or F</b>	230 90 12.5	✓	" " in Way of Bridge	230 90 11	✓
" " Through Plate	1800 12.5	✓	" " Spacing		
" " Foundation Plate on Floors	✓		<b>Second Deck, amidships, Angle E or F</b>	180 90 8.5	✓
" " Flat Plate Keel Angles	150 150 12.5	✓	" " Spacing	750	✓
<b>Side Keelsons, No. each side</b>	are	✓	<b>Third Deck, amidships, Angle E or F</b>	180 90 8.5	✓
" " thickness of Interstitial Plate	1800 12.5	✓	" " Spacing	750	✓
" " Angles Top E single	280 90 13	✓	<b>Fourth Deck, amidships, Angle, E or F</b>	✓	
<b>DOUBLE BOTTOM. in motor room.</b>			" " Spacing	✓	
<b>Solid Floors, thickness and spacing</b>	10.5 750	✓	<b>Poop Deck, Angle E or F</b>	180 75 9	✓
" " Are Frame and Reversed Frame joggled?	no	✓	" " Spacing	very frame	✓
<b>Bracket Floors, breadth and thickness at middle line</b>	✓		<b>Bridge Deck, Angle E or F</b>	200 90 13	✓
" " breadth and thickness at margin plate	✓		" " Spacing	very 2nd frame	✓
			<b>Forecastle Deck, Angle E or F</b>	180 75 10.5	✓
			" " Spacing	very frame	✓



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>			✓		Stringer Plate, breadth and thickness in way of Bridge .....		✓	
„ in 'tween Decks, Size and Spacing.....			✓		Thickness of Plating abreast Deck openings in way of Wells .....		✓	
" " " " " "			✓		Thickness of Plating abreast Deck openings in way of Bridge .....		✓	
„ in Holds „ „			✓		Thickness of Plating within line of openings...		✓	
" " " " " "			✓		If Sheathed, material and thickness .....		✓	
<b>2 side long! " " " "</b>					<b>Third Deck.</b>			
<b>Centre Line Bulkhead.</b>					Stringer Plate, breadth and thickness.....		✓	
Stiffeners and Spacing.....	250	90	13	✓	If Plated, state thickness.....		✓	
	every frame.			✓				
Plating, thickness of .....	12.5	9.5		✓	<b>Fourth Deck.</b>			
	top stake	10		✓	Stringer Plate, breadth and thickness.....		✓	
<b>STRINGERS AND DECKS.</b>					If Plated, state thickness .....		✓	
<b>Uppermost Continuous Deck.</b>					<b>Poop Deck.</b>			
Stringer Plate, breadth and thickness in Wells	1967	18.5		✓	Stringer Plate, breadth and thickness .....	1400	9	
„ „ „ „ in way of Bridge		21		✓	Plating, Sheathing, material and thickness .....	9		7.5 where sheathed with 65 1/2 pine
„ Angle in Wells .....	150	150	18.5	✓	<b>Bridge Deck.</b>			
Thickness of Plating abreast Deck openings in way of Wells .....			18.5	✓	Stringer Plate, breadth and thickness.....	1030	9	
Thickness of Plating abreast Deck openings in way of Bridge .....			12	✓	Plating, Sheathing, material and thickness .....	7.5	65 1/2 pine	
Thickness of Plating within line of openings .....	19	12	19	✓	<b>Forecastle Deck.</b>			
If Sheathed, material and thickness .....			✓		Stringer Plate, breadth and thickness.....	8.5		
<b>Stringer</b>					Plating, Sheathing, material and thickness .....	8.5		
<b>Second Deck.</b> 5. in side tanks 2 tiers								
Stringer Plate, breadth and thickness in Wells...	900	9.5		✓				

## SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.					Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.		
FLAT PLATE KEEL .....	1800	21.5	17.5	17.5	✓	double	25	94	✓	3+3	25	90	double shapes
„ DBLG. (if any)	✓					✓							
BOTTOM PLATING, No. of of Strakes ..... 4..}		16	15	15		double	22	83	✓	4	22	90	lapped.
BILGE PLATING, No. of Strakes ..... 1..}		16	15	16		—	22	83	✓	4	22	90	—
SIDE PLATING, No. of Strakes ..... 4..}	1 @ 3 @	15.5 15	15	11.5	midships thickness to stem.	—	22	83	✓	4 3	22	90 80	—
UPPER DECK, Sheer- strake in Wells.....}	1700	21.5	11.5	11.5		—	25	94	✓	5	25	100	—
UPPER DECK, Sheer- strake in Bridge ...}	1700	21.5	✓	✓	15" 2 doubling at fore end of poop & ends of bridge	—	25	94	✓	5	25	100	—
STRAKE BELOW Sheer- strake in Wells.....}	1750	15.0	11.5	11.5		—	22	83	✓	3	22	80	—
STRAKE BELOW Sheer- strake in Bridge ...}	1750	15.0	✓	✓		—	22	83		3	22	80	—
POOP SIDE PLATING .....	✓	✓	✓	16.5 to 9.5		double to single	22 to 19	90 to 75		3 to 2	22 to 19	80 to 65	—
BRIDGE SIDE PLATING ...	✓	10.5	✓	✓		single	19	75	✓	2	19	65	—
FOREC'TLE SIDE PLATING	✓	✓	10.5	✓		—	19	75		one	19	65	—

## WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Plating Thickness.		STIFFENERS.			
				VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
Extending to Upper Deck (Sec. 3 c)	10						
„ Deck next below	✓						
As per Rule	✓						
MIDSHIP BULKH'D, Upper tween decks	✓						
„ „ Second „	✓						
„ „ Third „	✓						
„ „ Holds .....	✓	8.5 to 12	280.90.12 L	725	1800 x 11.5	1000 x 10.5	3300
COLLISION „ (in Hold) .....	✓	6.5	180.75.9.5 L	600 in way of deep tank			
AFTER PEAK „ „ „	✓	11.5	150.75.10 L	600 above deep tank			
		7.5					
		11	200.75.11.5 L	610	Boiler platform		

STEEL.

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

Wilkowitzer Bergbau- und Eisenhütten Gewerkschaft in Wilkowitz  
Open hearth process.

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

Lloyd's Register  
Foundation







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.)

Approved plans:- midship section  
profile & decks  
shell expansion  
bulkheads & motor seating  
alteration of aftermost cargo tank etc.  
simplex balanced rudder  
rudder bearing  
stem frame

Certificates :-  
1 stem frame  
2 rudders  
1 rudder frame  
1 rudder shaft  
1 rudder post & rudder shaft  
1 rudder quadrant & tiller

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	Head				Stanch			
	1st Bower							
		43.2.14	MB	4224	8/1/31	22.2.3	MB	1089 8/1/31
	2nd "	43.2.12	MB	4225	- "	22.2.0	MB	1088 - "
	3rd "	36.3.16	MB	4226	- "	19.3.11	MB	1090 - "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 95.12 ft., R.Q.D. ✓ ft., Bridge 36.8 ft., Forecastle 37.0 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 dk (st)

Official No. ✓ ; Signal Letters none Is bottom of Vessel coated with cement no if not give particulars of composition fore peak tank & after peak tanks cement washed.

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length.	Capacity.		Where Fitted.	Length.	Capacity.	
		Feet.	Tons.			Feet.	Tons.
Double bottom, aft, p. 12-20	oil fuel	19.2	31.8 @ 38 ft	Fore peak tank,	oil	22.1	150.5
Double bottom, under Engines	oil fuel	12.3	26.8 @ 40 "	After peak tank,	oil	20.5	85.6
Double bottom, if under Engines only,	oil fuel	37.7	155.0 @ 38 "	Deep tank, oil fuel	35.1	350.9	350.9
Double bottom, if under Boilers only,		69.2	213.6	Deep tank, forward, starboard	35.1	350.9	350.9
Double bottom, forward,				Other tanks, if fitted,	✓		
Total capacity of double bottom				(If necessary, furnish further information by sketch.)			
* The wells are not to be included in the lengths of the tanks.							

Order for Special Survey No 43

Date 1 October 1930

Dates of Surveys held while building

1930:- Sept. 5.11.17 Oct. 1.8.14.21.22.28.29 Nov. 4.5.13.14.20.21.27 Dec. 2.3.8.9.11.13.16.20.23  
1931:- Jan. 6.14.17.22 Feb. 4.11.17.18.20.24 March 2.3.7.11.12.13.14.18.24.26.28 Apr. 7.14.23  
May 5.9.19.27 June 1.13.18.30 July 7.22 Aug. 5.10 Sept. 2.8 Dec. 23.29.30  
1932:- Jan. 4.7.8.12.13.14

Total No. of Visits 73