

TRpt. 1

STEEL STEAMER OR MOTORSHIP.

Received at London Office

22 FEB 1951

1 MAR 1951

IN D.O.

SECTION

No. 873

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

11th February 1951

Port of

Copenhagen

No.

13368

Survey held at

Odense

Date First Survey

11-11-49

Last Survey

11-1-

1951

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

Steel single screw motor tanker "CHARLOTTE MERSE" (mch. fitted aft)

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

Full scantling

State Type of Erections

P.B. & F'd

TONNAGE under Tonnage Deck ...

7901.25

CLASS +100 A 1

State if with freeboard as condition of Class *no*

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)

FEET

L 450

Launched 30-9-50

Yard No. 112

Total

7901.25

Breadth (greatest moulded)

B 66

Builders *Wm. Odense Staalvarefabrik*

Gross Tonnage

8867.29

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

D 34'-6"

Owners *A/S Svanborg and A/S of 1912 A/S*

Register Tonnage

5252.56

1st Longitudinal Number (L x D)

15525

Managers *A. P. Møller*

(Where necessary to be entered in Reg. Book)

REGISTERED DIMENSIONS.

FEET

Length

455.1

Breadth

66.1

Depth

32.3

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

✓

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

13.04

Do. Long Bridge to top of keel

✓

Draught Moulded

27'-10 3/4"

Residence *Copenhagen*

Port of Registry *Fredericia*

If surveyed while building afloat, or in dry dock

yes

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.
FRAMES, Spacing <i>amidships</i> <i>all</i> <i>3/2</i>	800 ✓		Bracket Floors, Frame	✓
" " from 1/2 length amidships to Collision bulkhead	✓		" " Reversed Frame	✓
" " in peaks	610 ✓		" " Vertical Struts	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	827 13.5-11.5
Frame Amidships, Angle, [or]		For particulars of lay. frame see Rpt. 1 *	" " top Angles	✓
" " Extends up to			" " bottom Angles	✓
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	as approved ✓
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	
Depth of Framing Girder			" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	
Frames in <i>bridge space</i> <i>Uppermost Continuous 'tween Decks, Angle, [or]</i>	7 3 1/2 .39	app. lay. framing.	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	horizontal Margin
" " 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	7 3 1/2 .44	app. 7x4x.40	Tank Side Brackets, height above base line at toe of Frame and thickness	
" " in Peaks, Angle <i>[or]</i>	8 3 1/2 .44	7x4x.50	INNER BOTTOM PLATING. in MR	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	✓		Thickness and thickness of Middle Line Strake	14 ✓
State if Frame Joggled	✓		Thickness of remainder in Holds	14 ✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>yes</i>		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?	<i>yes</i>
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>yes</i>		BEAMS.	
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, [or]	
Floors, Depth and thickness at mid-line in Holds			" " in way of Bridge, Angle, [or]	
Height of Brackets at side above base line at toe of frame			Spacing	
Middle Line Keelson, on Floors, Angles, [or]			Second Deck, amidships, Angle, [or]	
" " Through Plate or Inter-costal Plate			Spacing	
" " Foundation Plate on Floors			Third Deck, amidships, Angle, [or]	
" " Flat Plate Keel Angles			Spacing	
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, [or]	
" " thickness of Inter-costal Plate			Spacing	
" " Angles			Poop Deck, Angle, [or]	
DOUBLE BOTTOM. <i>all</i>			Spacing	
Solid Floors, thickness and spacing	11 <i>every frame</i>		Bridge Deck, Angle, [or]	
" " Are Frame and Reversed Frame joggled?	<i>no</i>		Spacing	
Bracket Floors, breadth and thickness at middle line	✓		Forecastle Deck, Angle, [or]	
" " breadth and thickness at margin plate	✓		Spacing	

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.
Stringer Plate, breadth and thickness in way of Bridge	✓		✓	
Thickness of Plating abreast Deck openings in way of Wells	8.5	✓	8.5	✓
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	9.5	✓	9.5	✓
Plating, Sheathing, material and thickness	6.5 OP 2 1/2" outside double			
Bridge Deck.				
Stringer Plate, breadth and thickness	2200	10	✓	
Plating, Sheathing, material and thickness	7.5	✓		
Forecastle Deck.				
Stringer Plate, breadth and thickness	9.5	✓		
Plating, Sheathing, material and thickness	9	✓		

Number of Certificate.	Anchor
30334	1st Bow
30336	2nd "
30275	3rd "

Rpt. 1°.

FRAMING

ming of L, L or
mes in Bridge 'tween
mes from Uppermost
Deck

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled ?	SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.			Inches.	Inches.	
Flat Plate Keel.....	1320	25	21	20									
„ Dblg. (if any)		✓											
Bottom Plating, No. of Strakes3.....		16.5	12.5	13									
Bilge Plating, No. of Strakes2.....		16.5	14	14									
Side Plating, No. of Strakes3.....	6	15.5	12	12									
Upper Deck, Sheer- strake in Wells.....	1320	25	14	12									
Upper Deck, Sheer- strake at Bridge ends	1320	30	✓	✓									
Strake below Sheer- strake in Wells.....		✓											
Strake below Sheer- strake in Bridge ...		✓											
Poop Side Plating.....				10.5									
Bridge Side Plating.....		11											
Forecastle Side Plating			11										

Bottom Plating

Spacing of (Amidships)
Longitudinal Frames (At Bow)

ble (Tank Top L)
ms or Bottom

ing of Longitudinals

Transverse

Side (Depth)
ween Decks) Face A
Lugs t

Side (Depth)
n Hold) Face A
Lugs t

Side (Depth)
Face A
Lugs t

Side (Depth)
Face A
Lugs t

Side (Depth)
Face A
Lugs t

Side (Depth)
Face A
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Side (Depth)
Face A
Lugs t

Side (Depth)
Face A
Lugs t

Side (Depth)
Face A
Lugs t

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	11 12. see letter 31.3.51
" Deck next below	✓
As per Rule	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD: Upper 'tween decks		Horizontally corrugated bldg.			
in cargo tanks	Second	10-14.5" plating with 520" Z			
"	Third	deep corrugations spaced as			
"	Holds	approved			
COLLISION	(in Hold)	p. 82 10-7.5	5-3 1/2 x 44 D	610	Peeked
AFTER PEAK	"	p. 7 8.5-7.5	4 x 3 x 36	610	✓

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		✓		
STEM	soft iron plating as approved			
STERN FRAME	Propeller Post	✓	cast steel (shaped)	
	Rudder	✓		
Speed of Vessel		13.3 knots	✓	
RUDDER—Type		Simplex balance rudder		
" A x D		375	✓	
" Diam. of head		279	✓	
" Mainpiece at top pintle		275	✓	
" " heel		270	✓	
" how constructed		plates with webs & castings	✓	
" double or single plate coupling, vertical or horizontal		double	✓	
		horizontal	✓	
		open hearth	✓	

Bottom

Side (Depth)
Face A
Lugs t

Side (Depth)
Face A
Lugs t

Side (Depth)
Face A
Lugs t

Side (Depth)
Face A
Lugs t

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Face A
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Face A
Lugs t

Side (Depth)
Face A
Lugs t

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).
Plates :- colvilles Ltd.
Profile :- Dorman Long & Co Ltd. and The Steel Camp. of Scotland Ltd.
Has the Steel been tested as required by the Rules? yes

Lloyd's Register
Foundation

Departure from
Plans to
be Noted.

EQUIPMENT No. 46796										LETTER 27				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.		
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.						
30334	1st Bower	82	1	0				60	0	0	0	232.0.0	stockless	W.L. Byers ✓	Har Walker ✓	17/10/49 R.J. Vogan	
30336	2nd "	82	2	14				60	0	0	0						
30275	3rd "	70	1	14				54	0	0	0						
	Collective weight	235	1	0													
30330	Stream	23	3	7	7	0	0	23	15	2	14	23.2.0	stock			17/10/49	

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.	
	Length.	Diam.	Statutory.	Break-ing.	Supplied.	Per Rule.		Length.	Diam.					Length.	Clr.		Length.	Clr.
12397	300 1/2	2 1/4	127.6	178.5	811.2	14	940	300	2 3/8	Taper	Samuel Taylor & Sons Ltd.	Netherlan 26/8/49 M.W. Norman	TOWLINE	130	5 1/2	84.4	130	5 1/2
									28/10				HAWSERS & WARPS	200	2 1/2	17.7	200	2 1/2
														200	8"	Hemp	200	8
Iron Stream Chain or Steel Wire	120	4 3/4						120	4 3/4	6x24	Marcel Vermeire	Hammes 23/11/48						

Steering Gear, Type (Power or hand) John Harvie (Steam) Alternative Means of Steering Hand gear on aux? quadrant
Steering Chains (Size and Test) Helmer Windlass Clarke Chapman (Steam) Boats 3 steel boats 24'-0"
1 motorboat 24'-0"
1 dinghy 16'-0"
Rigging in Holds, thickness and material ✓ Cargo Battsens, thickness, material and spacing ✓
Hatchways.—(Upper Deck) 1460 x 665/730 x 815 Z high with 11 Z steel cramping Thickness of Hatches 16 Z steel plates
of Hatchways No. 1 (Fwd.) ✓ No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓
Number of Shifting Beams ✓
and/or Fore and Afters ✓
Builder's Signature Odense Staalskibsværft A/S
E. J. Jørgensen

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).

This ship has been built under special survey in conformity with the Society's Rules and Regulations and Secretary's letters. The scantlings and arrangements of the ship are as given in the report and as shown and amended on the approved plans now forwarded. All modifications or additions to the original approved arrangements made during construction have been indicated on the plans and have been approved as being in accordance with, or by standards equivalent to, the Rule requirements. The plans of construction section and profile and decks showing the ship as built, now forwarded herewith, have been checked with the approved arrangements and found in order.

The material and workmanship is to my satisfaction ✓

All DB tanks, cargo tanks, peak - & deep tanks, wing tanks & tanks abaft B.R., cofferdams, pump-rooms, weather decks, scuppers & air - & sounding pipes, windlass, steering gear, etc. have been tested as required by Rules & found good ✓

The amount of Entry Fee..... £ ✓ : Fees applied for, 17/2 19.51
Special Survey Fee..... K. s 24.860.- Received by me, 19
Travelling Expenses, if any K. s 1.788.-

(Special notations, where part of class, to be stated.)

State whether the Vessel has been built under Special Survey yes

I am of opinion the Vessel should be Classed +100 A1
carrying petroleum in bulk

Certificate to be sent to Surveyor office, Cn

Date of issue 10-1-51

Signature S. Sandusen
Surveyor to Lloyd's Register of Shipping.

Committee's Minute ✓

Character assigned Lloyd's A & C.P.

+100 A1 "Carrying Petroleum in bulk"

CLASSIFICATION
CERTIFICATES WRITTEN

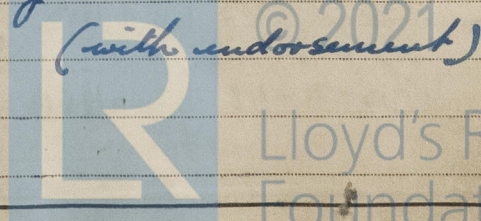
+LMC 1,51 Oil Eng.

C.L.

2 DB 180 lb

White Gas (Lan)

Note for S.R.L.



0147317

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.)

The vessel is fitted for carriage of oil fuel, flash point above 150° F, in deep tanks laid wing tanks aft, nos. 1-2 DB tanks, O.F. and B.O. tanks abaft B.R.
Sec. 20 of the Rules has been complied with where (practicable). (applicable?)

Docking date: Vessel not docked after launching.

PARTICULARS OF ELECTRIC WELDING (if employed)

all welded ship
approved electrodes used

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

Cruiser stern
Elec. welded
S.F.
E.S.D.
Gy.C.
Holds A.C.C.P.
Hull (ex pincock?)

RADAR Equipment (State if fitted) yes

State Type or Pattern No. mod. 1402
State Name of Supplier Raytheon
Name and/or Supplier Mariner Pathfinder

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

1st Bower	46.1.22	CP	1097	29.8.49	51.2.0
2nd "	46.3.1	REG	1034	15.7.49	52.0.14
3rd "	40.2.0	CP	1090	26.8.49	45.0.0

incl. pins, etc
see letter 31.3.51

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 89.8 ft., R.Q.D. ft., Bridge 36.1 ft., Forecastle 55.7 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 OXOS Extreme Breadth over Belting Over-all Length 480.0'
No. and Material of Decks 1 db (all.)
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.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	h. 10-39	75.9	Fore peak tank,	h. 82-stern	23.8
Double bottom, under Engines and Boilers,			After peak tank,	h. 1-10	18.0
Double bottom, if under Engines only,			Deep tank, aft,	h. 33-39	15.8
Double bottom, if under Boilers only,			Deep tank, forward,	h. 70-82	27.0
Double bottom, forward,			Other tanks, if fitted,	h. 7-12	11.3
Total length (if continuous) and Capacity.	75.9	318		h. 9-12	7.3

Order for Special Survey No. 203

Date 15-4-48

1949	11/11	2/12	15/12
1950	17/2	16/3	27/3
1951	29/8	1/9	5/9