

STEEL STEAMER or MOTORSHIP.

25 AUG 1945

Received at London Office 11761.

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 3rd August 1945Port of Copenhagen

No.

Survey held at OdenseDate First Survey 29th June 1942 Last Survey 22nd July 1945On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Motor Vessel "Sally Mærsk"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) C.S.S. Tonnage opening aft. State Type of Erections ForecastleTONNAGE under Tonnage Deck... 4584.86 CLASS 100 A1 State if with freeboard as condition of Class yes 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 most on summer L.W.L. See Sec. 3 (1a) L 415' 0"Launched 13.3.1943 Yard No. 92Breadth (greatest moulded) B 56' 0"Builders Odense Staalskibsværft A/S.Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 37' 6"Owners Dampskibsselskabet 1912 A/S.

Total

Gross Tonnage 5170.22Register Tonnage 3056.011st Longitudinal Number (L x D) = 15181

Managers

2nd Numeral L x (B + D) = 38421

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

Residence

REGISTERED DIMENSIONS.

Length 128.49Breadth 17.10Depth 7.91Framing Depth "d" at middle of length. See Sec. 3 (1d) 11.07Proportions—Depth to Length—Uppermost continuous deck to top of keel 25' 4 3/8Do. Long Bridge to top of keel yesDraught Moulded 25' 4 3/8Port of Registry CopenhagenIf surveyed while building, afloat, or in dry dock yes

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.
AMES, Spacing amidships	760 ✓	✓	Bracket Floors, Frame	170 75 8 ✓	
" " from 3/4 length amidships to Collision bulkhead	760 ✓	✓	" " Reversed Frame	153 75 8 ✓	✓ accepted by Potts
" " in peaks	630 ✓	✓	" " Vertical Struts	180 75 9 ✓	✓
E FRAMING.			Centre Girder, depth and thickness amidships	1090 x 13 ✓	✓
Frame Amidships, Angle, E or F	340 100 13 ✓	✓	" " top Angles	6.5/6.5 welded ✓	✓
" " Extends up to 380' ✓	below 2 nd deck ✓	✓	" " bottom Angles	6.5/6.5 welded ✓	✓
" " N: 146. 150. 154. 157.	150 x 13 ✓	✓	Side Girders, No. each side and thickness	2 off 10 ✓	✓
Reversed Frame Amidships, Angle	3 rd deck ✓	✓	Margin Plate depth (excl. of flange) and thickness	1000 x 15.75 ✓	✓
" " Extends up to...	340 ✓	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	7/7 welded ✓	✓
Depth of Framing Girder	180 90 8.5 ✓	✓	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	" ✓	✓
Frames in Uppermost Continuous 'tween' Decks, Angle, E or F	mainframes cut down to 180' ✓	✓	" " Gussets, spacing and scantling abaft 1/4 len. from stem	L 100 100 13.5 ✓	✓
" " Second 'tween' Decks, Angle, E or F	200 90 10 ✓	✓	" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	" ✓	✓
" " Third " from 3 rd deck to U.D.	340 100 13 ✓	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	2180 x 11 ✓	✓
" " from 1/4 len. for'd. to 15% len. from stem	280 90 12 ✓	✓	INNER BOTTOM PLATING.		
" " in Peaks, Angle or F	200 90 10 ✓	✓	Breadth and thickness of Middle Line Strake	1950 x 13.5 ✓	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	22 143 ✓	✓	" " Thickness of remainder in Holds	10 ✓	✓
State if Frame Joggled	no ✓	✓	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?	yes ✓	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and as approved?	yes ✓	✓	BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and as approved?	yes ✓	✓	Uppermost Continuous Deck, amidships	200 75 9 ✓	✓
DOUBLE BOTTOM.			" " in Wells, Angle, E or F	" ✓	✓
Floors, Depth and thickness at mid-line in Holds	✓	✓	" " in way of Bridge, Angle, E or F	" ✓	✓
Height of Brackets at side above base line at toe of frame	✓	✓	Spacing	760 ✓	✓
Middle Line Keelson, on Floors, Angles, E or F	✓	✓	Second Deck, amidships, Angle, E or F	230 90 11 ✓	✓
" " Through Plate or Intercoastal Plate	✓	✓	Spacing	760 ✓	✓
" " Foundation Plate on Floors	✓	✓	Third Deck, amidships, Angle, E or F	230 90 11 ✓	✓
" " Flat Plate Keel Angles	✓	✓	Spacing	760 and 630 ✓	✓
Keelsons, No. each side	✓	✓	Fourth Deck, amidships, Angle, E or F	" ✓	✓
" thickness of Intercoastal Plate	✓	✓	Spacing	" ✓	✓
" Angles	✓	✓	Poop Deck, Angle, E or F	" ✓	✓
Spacing	" ✓	✓	Spacing	" ✓	✓
DOUBLE BOTTOM.			Bridge Deck, Angle, E or F	" ✓	✓
Solid Floors, thickness and spacing	10 x 2280 ✓	✓	Spacing	" ✓	✓
" " Are Frame and Reversed Frame joggled?	no ✓	✓	Forecastle Deck, Angle, E or F	180 75 10 ✓	✓
Bracket Floors, breadth and thickness at middle line	815 x 10 ✓	✓	Spacing	165 75 10 ✓	✓
" " breadth and thickness at margin plate	815 x 10 ✓	✓	Spacing	630 ✓	✓

PILLARS AND DECKS.									
PILLARS, No. of Rows.....		IN SHIP.	Any Departure from Approved Plans to be Noted.	PILLARS, No. of Rows.....		IN SHIP.	Any Departure from Approved Plans to be Noted.	PILLARS, No. of Rows.....	
in 'tween Decks, Size and Spacing.....		one row on hatchends		Stringer Plate, breadth and thickness in way of Bridge		✓	✓	Thickness of Plating abreast Deck openings in way of Wells	
" " " " " "		200+25+25+11.5		Thickness of Plating abreast Deck openings in way of Bridge		9	✓	Thickness of Plating within line of openings in way of Bridge	
" " " " " "		180+80+80+11		If Sheathed, material and thickness		✓	✓	Third Deck, forward	
Centre Line Bulkhead.		7.5		Stringer Plate, breadth and thickness		1100+8.5	✓	If Plated, state thickness	
Stiffeners and Spacing.....		200+25+9+6	15204p.	Fourth Deck.		7.5	✓	Stringer Plate, breadth and thickness	
Plating, thickness of		280+90+130	BA cu	If Plated, state thickness		✓	✓	Poop Deck.	
STRINGERS AND DECKS.		1630+17.25	Apr. 16	Stringer Plate, breadth and thickness		✓	✓	Stringer Plate, breadth and thickness	
Uppermost Continuous Deck.		130 130 16	Reel Tab 2.5	If Plated, state thickness		✓	✓	Bridge Deck.	
Stringer Plate, breadth and thickness in way of Bridge		120 120 18		Plating, Sheathing, material and thickness		✓	✓	Stringer Plate, breadth and thickness	
" " " " " "		13	Apr. 12.5	Bridge Deck.		✓	✓	Plating, Sheathing, material and thickness	
Thickness of Plating abreast Deck openings in way of Wells		14.25	Apr. 13.	Stringer Plate, breadth and thickness		✓	✓	Forecastle Deck.	
Thickness of Plating abreast Deck openings in way of Bridge		9.5	✓	Plating, Sheathing, material and thickness		✓	✓	Stringer Plate, breadth and thickness	
Thickness of Plating within line of openings		✓	✓	If Sheathed, material and thickness		✓	✓	Plating, Sheathing, material and thickness	
Second Deck.		1630+10	✓	Stringer Plate, breadth and thickness		8	✓	Under windings	
Stringer Plate, breadth and thickness in way of Wells		✓	✓	Plating, Sheathing, material and thickness		10	✓		

SHELL PLATING.									
SCANTLINGS.					RIVETING.				
STRAKES.		AS IN VESSEL.			EDGES.		BUTTS.		
		AMIDSHIPS.	FORWARD.	AFT.	State if jogged?		No. of Rows of Rivets.		
		Breadth.	Thickness.	Thickness.	SINGLE OR DOUBLE.		RIVETS.		
		Thickness.	Thickness.	Thickness.					
FLAT PLATE KEEL		1200	21	21	19				
" DELG. (if any)		✓	✓	✓	A.B. 18.5		13		
BOTTOM PLATING, No. of Strakes		2160	15.25	18	15.5		✓		
BILGE PLATING, No. of Strakes		1920	15.75	18	12		✓		
SIDE PLATING, No. of Strakes		1740	14.75	14.75	11.5		✓		
UPPER DECK, Sheer-strake in Wells		2300	17	10.5	10.5		✓		
UPPER DECK, Sheer-strake in Bridge		✓	✓	✓	✓		✓		
STRAKE BELOW SHEER-strake in Wells		✓	✓	✓	✓		✓		
STRAKE BELOW SHEER-strake in Bridge		✓	✓	✓	✓		✓		
POOP SIDE PLATING		✓	✓	✓	✓		✓		
BRIDGE SIDE PLATING		✓	✓	✓	✓		✓		
FORECASTLE SIDE PLATING		✓	✓	10.5	✓		✓		

WATERTIGHT BULKHEADS.									
Total No. of W.T. BULKHEADS in Vessel—					FORGINGS and CASTINGS.				
Extending to Upper Deck (Sec. 3 c)					Casting or Forging.				
Deck next below					Scantlings.				
As per Rule					Maker's Name.				
					Any Departure from Approved Plans to be Noted.				
1					KEEL, Bar				
7					STEM				
7					STERN FRAME				
					Speed of Vessel				
					RUDDER—Type				
					" A x				
					" Diam. of head				
					" Mainpiece at top pintle				
					" heel				
					" how constructed				
					" double or single plate				
					" coupling, vertical or horizontal				
					" horizontal				
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)					Dortmund Hoerder Hüttenverein, Thyssen Mülheim, Ruhrstahl A.G. Henrichshütte				
Has the Steel been tested as required by the Rules?					yes.				

EQUIPMENT No. 39037									
ANCHORS.					LETTER at				
ANCHORS.					ANCHORS.				
Number of Certificate.					Description of Anchor.				
Weight, Ex. Stock.					Where and when tested and Superintendent.				
Test, Per Certificate.					Makers.				
3655					Otto Gruson				
3656					Stockless				
3657					Buckau				
3658					Ord. Stock				

CHAIN CABLES.									
Number of Certificate.					Description of Cable.				
Length and size supplied.					Where and when tested, and Superintendent.				
Test per Certificate.					Makers of Cables.				
271					J.D. Theile				
5 feet					Schwerte				
90					Quast.				

HAWERS AND WARPS.									
Number of Certificate.					Description of Cable.				
Length and size supplied.					Where and when tested, and Superintendent.				
Test per Certificate.					Makers of Cables.				
271					J.D. Theile				
5 feet					Schwerte				
90					Quast.				

STEERING GEAR, TYPE (Power or hand)									
Steering Chains (Size and Test)									
Ceiling in Holds, thickness and material									
Cargo Hatchways. (Upper Deck)									
Size of Hatchways No. 1 (Fwd.)									
Number of Shifting Beams and/or Fore and Afters									

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 vessel has been built in accordance with the approved plans, Secretaries' letters and to my satisfaction. All double bottom tanks, cofferdams, fore- and afterpeak, deep tanks for cargo oil, decks, gullways, watertight bulkheads and doors, casings and shaft tunnels have been tested and found good and tight. Oil fuel for the ship's use is carried in the double bottom tanks. Deep tanks for the carriage of cargo oil are fitted abaft and forward of the motor room, frames 56-66 and 86-98. Flash point for all oil 150°F. Flat tank for the carriage of molasses or glycerin is fitted aft between frames 1-11. The steering gear and the windlass have been tested, the freeboard marked on vessel's sides, verified and cut in.

The amount of Entry Fee									
Special Survey Fee									
Travelling Expenses, if any									
State whether the Vessel has been built under Special Survey									
Certificate to be sent to Surveyors Office									
Committee's Minute									
Character assigned									

FRI. 11 JAN 1946

+100A1 with Freeboard

Carrying cargo oil 2P. above 150°F in deep tanks & molasses in upper A.P. tank

7.45 Gt. + LMC 7.45 subject Oil Eng. C.L.

2 DB - 100 lb.

Commissioned 1945-7-10

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 Owners' super^t. stated that the vessel was to be placed in dry dock at Grothenburg, before being put into commission.

PARTICULARS OF ELECTRIC WELDING (if employed) All seams and butts in shell, decks and tanktop. w.T. and oiltight bulkheads. Centrepinder, floors and intercostals to shell and tanktop. Floors to centrepinder and marginplate. Marginplate to shell. Bilgebrackets to marginplate and partly to shell. Rudder, masts. ✓

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book cruiser stern. Carrying cargo oil in deeptank forward and aft motor room. Flash point above 150 °F. Carrying molasses or glycerin in flat tank aft. Lloyds A & C.P. D.F. E.S.D. Part welded. Elec. welded

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	Shank				Head				Hapden's Stoltz
	1st Bower	21:0:1	Cast	12 feet	N:2804	52:3:1	Cast	12 feet	N:2800
	2nd "	21:0:3	"	"	" 2805	51:1:26	"	"	" 2801
	3rd "	18:0:24	"	"	" 2806	43:3:17	"	"	" 2802

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop - ft., R.Q.D. - ft., Bridge - ft., Forecastle 39.28 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 O.W.I. A Extreme Breadth over Belting (Circ. 1611) Over-all Length 442.38. (Circ. 1703)
No. and Material of Decks 2 decks. Steel 3rd deck, sheety space & Not held.
Parts of Bottom of Vessel coated with cement or approved composition A.P. and No. 2 d.b. tank cement.

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,	132.15	406.2	Fore peak tank,	23.84	99.6
Double bottom, under Engines and Boilers,			After peak tank,	20.67	64.7
Double bottom, if under Engines only,	44.88	351.8	Deep tank, aft,	24.93	990.5
Double bottom, if under Boilers only,			Deep tank, forward,	29.92	1215.9
Double bottom, forward,	185.67	710.1	Other tanks, if fitted, Flat tank aft	20.67	110.1
Total length (if continuous) and Capacity	362.70	1468.1	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 164

Date 16.1.1940

Dates of Surveys held while building

1942: June: 29. July: 10.30. Aug. 20. Sept. 4.11.15.18.29. Oct. 16. Nov. 13.
Dec. 11.17. 1943 Jan: 8.22.29. Febr. 5.9.17.21.23. March: 1.2.4.9.26 April: 9
28. May: 12.24. June: 2.18. July 8. Aug. 18. Sept. 15.24. Oct. 8.25
Nov. 8.19. Dec. 17.22. 1944 Jan. 12.24. Febr. 22. March: 24. 1945 June: 2
16. July. 22

Total No. of Visits 49.