

RECEIVED

22 OCT 1947

## STEEL STEAMER or MOTORSHIP.

Received at London Office

20 OCT 1947

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report

18<sup>th</sup> October, 1947

Port of

Malmö

No. 2505

Survey held at

Malmö

Date First Survey

6<sup>th</sup> Sept, 1946

Last Survey

9<sup>th</sup> October, 1947

On the

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

Single Screw Motorship "GAUTHIOD"

(Machinery)

State Type

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

Full Scantling, Longitudinal Framing

State Type of Erection

Poop, Bridge &amp; Sides

TONNAGE under Tonnage Deck

7688.26

CLASS

100A1

State if with freeboard as condition of Class

No.

Built at

Malmö

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 465.0

Breadth (greatest moulded)

B 62.0

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

D 34.5

1st Longitudinal Number (L x D)

= 15578

2nd Numeral L x (B + D)

= 44408

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

13.478

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

Do. Long Bridge to top of keel

Draught Moulded

27'-1 9/16"

Launched 9<sup>th</sup> July, 1947 Yard No. 288.

Builders Kockums Mekan. V. A. B.

Owners Stockholms Rederi A. B. Svea

Manager E. Höglberg

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

Residence Stockholm

Port of Registry Stockholm

If surveyed while building, afloat, &amp; 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 amidships	Longitud.		Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead	framing		" " Reversed Frame		
" " in peaks	765		" " Vertical Struts		
" " DEEP TANK FWD.	625		Centre Girder, depth and thickness amidships	200-170-50-46	
IDE FRAMING.			" " top Angles	none	
Frame Amidships, Angle, [ or ]			" " bottom Angles	none	
" " Extends up to			Side Girders, No. each side and thickness	3-42-56-75	
Reversed Frame Amidships, Angle			Margin Plate depth (excl. of flange) and thickness	same top level	
" " Extends up to			" " Vertical Angle to Tank side		
Depth of Framing Girder			" " Bracket abaft 1/2 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]	See Rpt. 1*		" " Vertical Angle to Tank side		
" " Second 'tween Decks, Angle, [ or ]			" " Bracket from forward 1/2 len. from stem to Panting Area		
" " Third " " " "			" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" " from 1/2 len. for'd. to 15% len. from Stem			" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		
" " in Peaks, Angle or [			Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships			INNER BOTTOM PLATING.		
State if Frame Joggled			Breadth and thickness of Middle Line Strake	2040-52	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?			Thickness of remainder in Holds	under e. seat. 1.18	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bankers and Boiler Room?	Yes	
NGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, [ or ]		
Height of Brackets at side above base line at toe of frame	As per approved plans		" " in way of Bridge, Angle, [ or ]		
Middle Line Keelson, on Floors, Angles, [ or ]			Spacing		
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, [ or ]		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, [ or ]	See Rpt. 1*	
Side Keelsons, No. each side			Spacing		
" " thickness of Intercoastal Plate			Fourth Deck, amidships, Angle, [ or ]		
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, [ or ]		
Solid Floors, thickness and spacing	42-50 765		Spacing		
" " Are Frame and Reversed Frame joggled?	Floors E.W. T. & B.		Bridge Deck, Angle, [ or ]		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, [ or ]		
" " Spacing			Spacing		



## 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>	As per approved plans	✓		
Longitudinal Brid. Stiffeners	7" 3 1/2" 375	L 170 x 70 x 9		
" in 'tween Decks, Size and Spacing.....	8" 3 1/2" 40"	" 200 x 90 x 9		
" " " " " 4-5	9" 3 1/2" 40"	" 225 x 90 x 10		
" " " " " 6	10" 3 1/2" 45"	" 250 x 90 x 11		
" in Holds " " 7	10" 3 1/2" 50"	" 250 x 90 x 12.5		
" " " " " 8	8.06 x 346 = 7.039 x 563	I		
" " " " " 9-10	8.95 x 35 = 7.44 x 52	"		
" " " " " 11	9 x 39 = 7.53 x 63	"		
<b>Centre Line Bulkhead.</b>	12" 10 1/2" x 41 = 8.25 x 62	"		
Stiffeners and Spacing.....	39, 38, 42, 48			
Longitud. Brid.				
Plating, thickness of .....				
<b>STRINGERS AND DECKS.</b>				
<b>Uppermost Continuous Deck.</b>				
Stringer Plate, breadth and thickness in Wells	2100	.76		
" " " " in way of Bridge	2100	.87		
" " " " Angle in Wells .....	None			
Thickness of Plating abreast Deck openings in way of Wells .....	.70	✓		
Thickness of Plating abreast Deck openings in way of Bridge .....	✓			
Thickness of Plating within line of openings...	.70	✓		
If Sheathed, material and thickness .....				
<b>Second Deck.</b>				
Stringer Plate, breadth and thickness in Wells...	.36	✓		
Stringer Plate, breadth and thickness in way of Bridge .....				
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>Poop Deck.</b>				
Stringer Plate, breadth and thickness .....				
Plating, Sheathing, material and thickness .....				
<b>Bridge Deck.</b>				
Stringer Plate, breadth and thickness .....				
Plating, Sheathing, material and thickness .....				
<b>Forecastle Deck.</b>				
Stringer Plate, breadth and thickness .....				
Plating, Sheathing, material and thickness .....				

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		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.								
FLAT PLATE KEEL .....	2040	.86	.78	.78								
„ DELG. (if any)												
BOTTOM PLATING, No. of Strakes .....		.65	.50	.52								
BILGE PLATING, No. of Strakes .....		.65	.58	.64								
SIDE PLATING, No. of Strakes .....		.62	.48	.48								
UPPER DECK, Sheer-strake in Wells .....	2200	.94	.56	.60								
UPPER DECK, Sheer-strake in Bridge ...	2200	1.06										
STRAKE BELOW Sheer-strake in Wells .....	2380	.62	.48	.60								
STRAKE BELOW Sheer-strake in Bridge ...												
POOP SIDE PLATING .....				.40								
BRIDGE SIDE PLATING ...		.44										
FOREC'TLE SIDE PLATING				.44								

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— 12.

Extending to Upper Deck (Sec. 3 c) 11 to U. dke. ✓

„ Deck next below 1 to 2<sup>nd</sup> dke. ✓

As per Rule ✓

FORGINGS and CASTINGS.

	Casting or Forging.	Struttlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
<b>KEEL, Bar</b> .....				
<b>STEM</b> .....				
<b>STERN FRAME</b> {				
Propeller Post .....				
Rudder .....				
<b>Speed of Vessel</b> .....				
<b>RUDDER—Type</b> .....				
" A x D .....				
" Diam. of head .....				
" Mainpiece at top pintle .....				
" " heel .....				
" how constructed .....				
" double or single plate .....				
" coupling, vertical or .....				
" horizontal .....				

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
	<i>Center tanks.</i>	34.38	3 mls as per ✓	130×65×8 L	788-	
MIDSHIP BULKHEAD,	Upper tween deck	42.48	approved plans ✓	10×3½×45" L	825	
	<i>Side tanks.</i>	34.38	1 ml as per ✓	130×65×8 L	788-	
"	Second "	42.48	approved plans ✓	10×3½×55" L	825	
"	Third "					
"	Holds .....					
				130×65×7.5 -		
COLLISION	(in Hold) .....	29.48	202×90×10 L ✓	788	Peak tank top stringer.	
				130×65×8 L		
AFTER PEAK	" .....	32-62	130×65×9 L ✓	788	As per plan	

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open Hearth & Elec. Process*  
*Dormann & Co. Long & Co. Colville Ltd, Appleby. Birmingham Steel Co.*  
*Northampton Steel Coys.*  
Has the Steel been tested as required by the Rules? *Yes. ✓*



## PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	Welding of Rivets in Longitudinal Frames.		RIVETING.	
	In Ship.			In Ship.				Diam. Speng.	Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.	
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.				Number.	Diameter.
ming of L, T or E ...											
mes in Bridge 'tween Decks ...											
mes from Uppermost Continuous Deck											
No. 1	6	3 1/2	40	A. 6	3 1/2	40	170 x 90 x 10				
" 2	7	3 1/2	40	A. 7	3 1/2	40	170 x 90 x 10				
" 3	8	3 1/2	40	A. 8	3 1/2	40	200 x 90 x 9				
" 4	9	3 1/2	435	A. 9	3 1/2	435	225 x 90 x 11				
" 5	10	3 1/2	45	A. 10	3 1/2	45	250 x 90 x 11				
" 6	10	3 1/2	50	A. 10	3 1/2	50	250 x 90 x 12.5				
" 7	8.06 x 346 - 7.029 x 563			A. 8	3 1/2	40					
" 8	8.06 x 346 - 7.029 x 563			A. 9	3 1/2	40					
" 9	8.95 x 35 - 7.49 x 52			A. 9	3 1/2	40					
" 10	8.95 x 35 - 7.49 x 52			A. 10	3 1/2	45					
" 11	9 x 358 - 7.5 x 57			A. 10	3 1/2	45					
" 12	9.06 x 39 - 7.53 x 63			A. 10	3 1/2	45					
" 13	10 1/2 x 41 - 8.25 x 62			A. 10	3 1/2	45					
" 14				F. 10	3 1/2	48					
" 15				F. 10	3 1/2	52					
" 16				F. 10	3 1/2	52					
Spacing of Longitudinal Frames	Amidships ...			At Ends ...							
DEEP FWD	Tank Top Longitudinals			A. Transverse Framing							
Bottom	14-22			F. 200 x 90 x 10							
Longitudinals											
At ends...											
Transverses.	Depth and Thickness			R. 435							
Face Angles	75			F. 500							
Lugs to Shell	6			A. 550							
Depth and Thickness	450-600			F. 700							
Face Angles	150 x 10 - 150 x 12			A. 90 FLG							
Lugs to Shell	6.5			F. 150 x 13							
Depth and Thickness	Centre 1700			A. Transverse Framing							
Face Angles	150 x 15			F. 300 x 26							
Lugs to Shell	6.5			F. 7.5							
Back Bars											
Brackets											
Transverse Frames	3300			A. 3060							
if joggled or liners.				F. 2740							
Bridge Deck	5"	3"	375	POOP	5" x 3" x 30	130 x 65 x 9.5	130 x 65 x 7	855	250	300 x 36	180 FLG
Upper	8"	3 1/2"	40	F. 5"	3" x 315	200 x 90 x 10	130 x 65 x 8	787.5	890 x 44	200 x 14	
Second				A. 5"	3" x 315		130 x 75 x 8		680 x 38	150 x 12	
Third				F. 6"	3" x 315		150 x 75 x 8	787.5			

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, &c., to be entered in their respective places provided for on the Report Forms.

NOTE.—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, &c., on the first page.



EQUIPMENT No 46224 ✓				LETTER d+ ✓		ANCHORS.		
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
302	1st Bower ...	3968		58627 ✓	4130	Halls Patent.	Donner, Jerns.	Donner. 21.12.45 SW. ✓
304	2nd " ...	3991		58820 ✓	4130	" "	" "	" 21.12.45 " ✓
545	3rd " ...	4054		59348 ✓	3525	" "	" "	" 11.3.46 " ✓
	Collective weight.	12013			11785			
321	Stream .....	1212	317 ✓	29124 ✓	1195	Ordinary stockline.	" "	" 21.12.45 " ✓

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.	Statu- Break- tory. ing.	Suppl. Per Rule.	Length. Diam.	Length. Diam.						Length. Cir.	Length. Cir.	Length. Cir.	Length. Cir.	Length. Cir.	Length. Cir.
1782	550.6 63.5	114300 160020	50357	47760	550 63.5	link	Stnd Lymmer. Wsarna Q. O.	LW. 13.2.46. T.B.	TOWLINE...	240 140	84800	240 140	185	70	70
		See letter 22.10.47							HAWSERS & WARPS	4x203 89	25700	4x203 70	26110		
Iron-Stream Chain or Steel Wire	220 121	64603	65640		220 121			See letter		24.11.47					

Steering Gear, Type (Power or hand) Electric. Asea, Västerås Alternative Means of Steering Tackle and blocks to minch.

Steering Chains (Size and Test) ✓ Windlass Steam. Hlgo. Varfo Q. O. Boats 4 Life Boats. ✓

Ceiling in Holds, thickness and material None ✓ Cargo Battens, thickness, material and spacing None ✓

Cargo Hatchways. (Upper Deck) Stal. 11 mm ✓ Thickness of Hatches Stal 10 mm ✓

Size of Hatchways No. 1 (Fwd.) 3425x3400 mm ✓ No. 2 1810x1050 mm ✓ No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters None. ✓

Builder's Signature KOCKUMS MEKANISKA VERKSTADS AKTIEBOLAG  
Knut Toivola

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 Motor tankers. ✓

(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 in conformity with the Society's Rules & Regulations and the Secretary's letters. The scantlings and arrangements are in accordance with or equivalent to, those shown on the approved plans.

The workmanship and the materials are both good. ✓

All cargo oil tanks, cofferdams, oil fuel bunkers and daily oil fuel tanks, drip tanks, all compartments in double bottom under motor space, the peak tanks and fresh water tanks aft have been tested by water pressure as required by the Rules. ✓

The decks & watertight bulkheads clear of tanks and cofferdams have been hose tested. ✓

The fuelboard marking has been verified and cut in on the vessels sides. ✓

The steering gear & windlass tested under working conditions with satisfactory results. ✓

Foundings and castings as per reports enclosed. ✓

The amount of Entry Fee 420.- Fees applied for, 18<sup>th</sup> Oct. 1947. (Special notations, where part of class, to be stated.)

Special Survey Fee 14750.- Received by me, 19

Late & Sunday Fee 145.-

Travelling Expenses, if any 25.25

I am of opinion the Vessel should be Classed + 100A1

Carrying Petroleum in bulk.

Signature A. Barring  
Surveyor to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey Yes

Certificate to be sent to Surv. Office, Mahra Date of issue 17/12/47

Committee's Minute ✓ FRI. 21 NOV 1947

Character assigned + 100A1 "Carrying Petroleum in bulk"

10.47 mm.

Lloyd's A & CP + LMC 10.47 Subject Oil Eng

ucky aft. C.L.

White mm. (hwm) 2 DB. 1716

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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.)

Sister vessel M/T "SECURUS" Mahon's first entry Report No. 2350.

Plans of the vessel as built, 3 in number, i.e. Midships Section, Profile & plans, Oiltight bulkhead in cargo oil tanks and the following approved plans are forwarded under separate cover:-

Midships Section.	215/1 H.	Cofferdam in wingtank at frame 55.	215/S-19 H.
Profile & Plans.	215/2 H.	O.T. Hatches	215/71 J
O.T. blids, centre girders & wash blids.	215/7 H.	Bridge deck	215/43 G
Shell expansion.	215/15 H.	Boiler seats	215/S-28
Longitudinals, alt. sections.	215/S-55 H.	Garlight hatch	215/72
Dim. of longit. in cargo oil tanks.		Rudder	215/9 A.
Cross bulkheads & in shell fwd. & aft.	215/S-71 H.	Stem frame	215/10.
Wals in tanks 1, 2, 8 & 9	215/S-8	Arr. of extra manholes in upper	
Long. & transv. bulkheads.	215/S-6	deck in cofferdam fwd. & aft.	215/S-128
Oil fuel bunkers.	215/S-9 H.	Arr. of room for gyro compass	215/S-131
O.T. blid. at & in cofferdam fwd.	215/S-30 H.		
After peak sections and plans.	215/25 H.		
Fore peak & collision bulkhead.	215/28 H.		
Fore and sections & deep tanks.	215/27 H II		
After and sections.	215/32 H.		
Sh. bottom, seatings for main & aux.			
motors and thrust bearing.	215/13 H.		
Strengthen. of upper deck in way of vent.			
Hatches & at openings over cross bunker tanks.	215/S-120 I.		
Arrangement of pump room.	215/S-7		
Strong beam in prop deck.	215/S-31 G.		

PARTICULARS OF ELECTRIC WELDING (if employed) Seam and butts of shell, deck, stringer, tank top and bulkhead plating are butt. welded. Angle of vee about 50°. All remaining connections as per approved plans. Electrodes:- OK 47P, OK 52P, 21 and Inarc.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book Longitudinal framing. Electrically welded. Cruiser stern. Carrying Petroleum in Bulk.

Vessel rigged with. Winches, ESD, DF, GYC and Radar.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	2398 Lbs. SW. 161 7.11.45	1315 Lbs. TB. 1534 6.9.45
	2nd "	2392 " SW. 160 7.11.45	1344 " HL 629 22.8.45
	3rd "	2473 " SW. 514 20.2.46	1326 " TB. 1596 3.10.45
	Stream	1084 " T.B. 1605 3.10.45	

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 90.55 ft., R.Q.D. - ft., Bridge 34.61 ft., Forecastle 63.4 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 8879 Signal Letters SDEN Extreme Breadth over Belting - Over-all Length 496.25' (Circ. 1208)  
No. and Material of Decks 1 deck, 2nd deck clear of cargo tanks.  
Parts of Bottom of Vessel coated with cement or approved composition. Peak tanks and well at after end of engine room.

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,		87.6
Double bottom, under Engines and Boilers,			After peak tank,		118.5
Double bottom, if under Engines only, fuel oil	65.3	169.4	Deep tank, aft, Oil fuel bunkers	9.8	461
Double bottom, if under Boilers only, lubr. oil		(21)	Deep tank, forward,	36	576
Double bottom, forward,			Other tanks, if fitted, FW. tanks above APT.		133
Total length (if continuous) and Capacity	65.3	169.4	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 125

Date 1st Nov. 1944

Dates of Surveys held while building

From 6th September, 1946 to 9th October, 1947.

Total No. of Visits 121.