

STEEL STEAMER OR ~~MOTORSHIP~~

Received at London Office

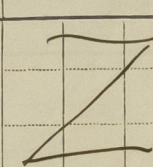
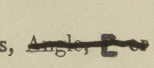
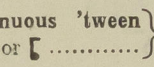
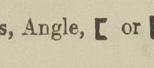
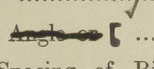
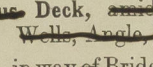
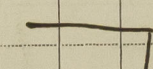
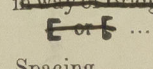
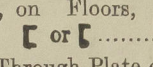
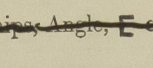
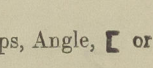
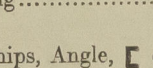
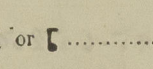
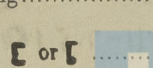
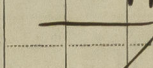
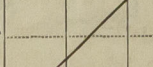
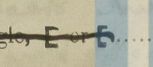
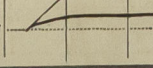
13621
10 NOV 1951State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel YesDate of completion of report 24-10-51 Port of Copenhagen No. 13621Survey held at Elsinore Date First Survey 11-10-50 Last Survey 21-9-1951On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel single screw cargo vessel "TH. ADLER SVANHOLM"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full scantlings State Type of Erections R.O.D. & F'dTONNAGE under
Tonnage Deck ... 2114.67CLASS +100 A1State if with freeboard
as condition of Class ✓Built at ElsinoreLaunched 27-6-51 Yard No. 304Builders F/S Helsingørsk Skibsværft - Maskinb.Owners Aktieselskabet Det Danske KulkompaniManagers ✓
(Where necessary to be entered in Reg. Book)Residence CopenhagenPort of Registry CopenhagenIf surveyed while building, afloat, and in dry dockYesNo. of space or spaces
between Tonnage Dk.
and Upper Dk. ✓Total ✓Gross Tonnage 3040.57Register Tonnage 1598.02

REGISTERED DIMENSIONS.

FEET

Length 302.8Breadth 44.6Depth 24.3Length from fore part of stem to after part of stern
post on summer L.W.L. See Sec. 3 (1a) 299'-0"Breadth (greatest moulded) B 44'-6"Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) R.O.D. 26'-9"
D.H.D. 21'-6"1st Longitudinal Number (L x D) ✓2nd Numeral L x (B + D) ✓Framing Depth "d," at middle of length. See
Sec. 3 (1d) ✓Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel ✓Do. Long Bridge to
top of keel ✓Draught Moulded 19'-4 1/2"

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.....	685 ✓		Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead.....	685 ✓		" " Reversed Frame.....		
" " in peaks	610 ✓		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	940 ✓ 11.5 ✓	
Frame Amidships, Angle, 	280 90 12 ✓		" " top Angles	✓	
" " Extends up to.....	R.O.D. ✓		" " bottom Angles.....	90 90 11 ✓	double
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness.....	one ✓ 8 ✓	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	800 11 ✓	
Depth of Framing Girder.....	✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	✓	
Frames in Uppermost Continuous 'tween Decks, Angle, 	✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	✓	
" " Second 'tween Decks, Angle, 	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	685 x 300 x 10.5 ✓	
" " Third " " " " " "	✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	plating in way of alternate framespaces ✓	
" " from 1/2 len. for'd. to 15% len. from Stem	250 90 11 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	1295 ✓ 10.5 ✓ 9.5 ✓	
" " in Peaks, Angle 	150 75 10 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	7/8 7D ✓		Breadth and thickness of Middle Line Strake..	11 ✓	allways ships shaken ✓
State if Frame Joggled.....	Yes ✓		Thickness of remainder in Holds		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes ✓		Are Rule requirements complied with regard- ing 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 way of the Bottom Forward in accordance with the Rules and/or as approved?.....	Yes ✓		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, 	as appeared I and I	
Floors, Depth and thickness at mid-line in Holds.....			R.O.D. " in way of Bridge, Angle, 	— " — " —	
Height of Brackets at side above base line at toe of frame.....			Spacing	every frame ✓	
Middle Line Keelson, on Floors, Angles, 			Second Deck, amidships Angle, 	as appeared I	
" " Through Plate or Inter- costal Plate			Spacing	every frame ✓	
" " Foundation Plate on Floors			Third Deck, amidships, Angle, 		
" " Flat Plate Keel Angles			Spacing.....		
Side Keelsons, No. each side.....			Fourth Deck, amidships, Angle, 		
" " thickness of Intercoastal Plate...			Spacing.....		
" " Angles			Poop Deck, Angle, 		
DOUBLE BOTTOM.			Spacing.....		
Solid Floors, thickness and spacing	8.5 every frame		Bridge Deck, Angle, 		
" " Are Frame and Reversed Frame joggled?			Spacing.....		
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle, 	150 ✓ 9/7	
" " breadth and thickness at margin plate.....			Spacing.....	every frame	

PILLARS AND DECKS.

PILLARS		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows					
" in 'tween Decks, Size and Spacing					
" " " " " "					
" in Holds " " " "					
" " " " " "					
Centre Line Bulkhead.					
Stiffeners and Spacing					
Plating, thickness of					
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells	✓				
" " " " in way of Bridge	✓				
" Angle in Wells	130 130 121	90 90 11	✓	app. 9	✓
Thickness of Plating abreast Deck openings in way of Wells	27 1/2	13	✓		
Thickness of Plating abreast Deck openings in way of Bridge.....	✓				
Thickness of Plating within line of openings...	8 1/2	8	✓		
If Sheathed, material and thickness.....	✓				
Second Deck. R. A. D.					
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.....					
Fourth Deck.					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness.....					
Poop Deck.					
Stringer Plate, breadth and thickness.....					
Plating, Sheathing, material and thickness					
Bridge Deck.					
Stringer Plate, breadth and thickness.....					
Plating, Sheathing, material and thickness					
Forecastle Deck.					
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.		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.....	12.00	16	16	16									
„ Dblg. (if any)		✓											
Bottom Plating, No. of Strakes2.....	13.75	✓	18.5	✓	11	✓							
Bilge Plating, No. of Strakes1.....	13.75	✓	18.5	✓	11	✓							
Side Plating, No. of Strakes3/2.....	12.5	✓	18.5	✓	10	✓							
R.A. Upper Deck, Sheer- strake in Wells.....	14	✓	✓	✓	10	✓	17.5 in way of keel						
Upper Deck, Sheer- strake in Bridge ...	16	✓	15	✓	✓	21	✓						
Strake below Sheer- strake in Wells.....	✓												
Strake below Sheer- strake in Bridge ...	✓												
Poop Side Plating.....	✓												
Bridge Side Plating.....													
Forecastle Side Plating			8.5	✓									

WATERTIGHT BULKHEADS.

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks		2	2	2		
"	" Second "		✓			
"	" Third "		✓			
"	" Holds	h. 81	9.5-6.5	250 x 12 I	685	✓
COLLISION	" (in Hold)	h. 124	11-7.5	200 x 8 I	600	stronger
AFTER PEAK	" in E.R.	h. 9	11-7.5	180 x 8 I	610	Platform deck

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 & sheared	✓	
	Rudder "	✓		
Speed of Vessel		12 knots	✓	
RUDDER—Type				
" A × D		124	13 ✓	
" Diam. of head		185	Z ✓	
" Mainpiece at top pintle		made of welded steel		
" " heel		plates with cast steel		
" how constructed		mountings top & bottom		
" double or single plate		10	Z ✓	
" coupling, vertical or		horizontal		
" horizontal		open hearth		
Vessel (state process of manufacture)				

STEEL.

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

Plates: - Del Dande Stahlwerke, Appelsby - Frothingham Steel Co.

Profile: - Roman Long & Co. Ltd.

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

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Plans to
oted.

EQUIPMENT No. 21434												LETTER T				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.	Cwts.							
70734	1st Bower	42	2	24	✓	—	—	37	13	3	0			stockless	Richard Super & Son Ld.	Cradley Heath 30.4.51			
70733	2nd "	42	2	7	✓	—	—	37	11	3	14								
70735	3rd "	35	1	0	✓	—	—	32	11	1	0								
	Collective weight	119	2	3								119.2.0 ✓							
70635	Stream	11	0	21	✓	2	3	7	13	2	2	11.0.0 ✓		stock	—	H. Phillips ✓			

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- tory.	Break- ing.	Supplied.		Per Rule.	Length.	Diam.	Length.					Ins.	Fathoms.		Ins.	Tons.	Fathoms.
82378	120	1 3/8	66.5	93.1	165.1.4				240	1 1/2	Special steel cable	Griffin - Woodlions	Cradley Heath 31.10.50	TOWLINE	185	4	52.5	185	4	
82379	120	1 5/8	"	"	163.3.20						GWEC chain cable	H. Phillips		HAWSERS & WARPS	2x165	2 1/2	19.9	2x165	2 1/2	
	240														"	2x165	2 1/4	16.0	2x165	2 1/4
Iron Stream or Wire	135m	4 1/4			56.5				135m	4 1/4	6x24	Bremen Steel • Seilindustrie								

Flag Gear, Type (Power or hand) Electric ✓

Alternative Means of Steering Hand gear directly on main quadrant ✓

Eng Chains (Size and Test) Helena ✓

Windlass Steam ✓

Boats 2 lifeboats @ 24'
2 dinghies @ 18'

Eng in Holds, thickness and material O.P. 65Z double ✓

Cargo Battens, thickness, material and spacing ✓

Hatchways.—(Upper Deck) R.A.D. } 1450 Z high steel cranning 132 thick. Thickness of Hatches Steel covers, as approved

Hatchways No. 1 (Fwd.) 10.275 x 6.500 No. 2 10.275 x 8.250 No. 3 10.275 x 8.250 No. 4 10.275 x 8.250 No. 5 ✓ No. 6 ✓

Over of Shifting Beams } ✓

For Fore and Afters }

Builder's Signature Helsingør Skibsværft og Maskinbyggeri Aktieselskab

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 no

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo no 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 vessel is built under special survey in conformity with the Society's Rules and Regulations and Secretary's letters. The scantlings & 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 "as built" and have been approved as being in accordance with or by standards equivalent to the Rule requirements.

The plans of midship section, profile & decks & shell expansion showing the ship "as built", now forwarded herewith, have been checked with the approved arrangements & found in order.

The material & workmanship is to my satisfaction.

All HB tanks, peak tanks & deck tanks, weather decks, scuppers, air- & sounding

The amount of Entry Fee..... £ ✓ : 9/11 19.51

Special Survey Fee..... K s 8.460.-

Travelling Expenses, if any K. s 153.20

Fees applied for, 9/11 19.51

Received by me, 19

I am of opinion the Vessel should be Classed +100 A 1
strengthened for use in ice.

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

State whether the Vessel has been built under Special Survey yes

Certificate to be sent to surveyors office, Copenhagen Date of issue 21/12/51

Committee's Minute

Character assigned +100A1

9.51 EL
Lloyd's A+CP +LMC 9.51
F.D.
2 SB 220/6 Spt.

FRI. 30 NOV 1951

"Cargo battens not fitted"
"Strengthened for navigation in ice"

Lloyd's Register Foundation

0054 2/2

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.)

pipes, windlass and steering arrangements have been tested as required by the Rules and found good.
The freeboards computed & assigned by the Danish Authorities have been cut in the vessels sides & verified.

Last docking date: - Sept. 1951

PARTICULARS OF ELECTRIC WELDING (if employed)

Parts elec. welded: - all butts of shellplating & seams of bottom & bridge plating.
Double bottom, decks, beams, handstays & bleds.

Approved "Eral" electrodes (O.K.) used

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

strengthened for use in ice
Cruiser Stern
E.S.D.
D.F.
Lays A.C.P.
Part elec. welded
"Arkas" steering control
Hand

RADAR Equipment (State if fitted) Yes

State Type or Pattern No. CR 103

State Name of Maker and/or Supplier R.C.A.

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

1st Bower	25.3.16	KF	3977	25.5.50
2nd "	26.0.0	KF	3971	25.5.50
3rd "	21.1.18	KF	3975	25.5.50

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. 185.0 ft., Bridge ft., Forecastle 29.5 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 OYDD Extreme Breadth over Belting (Circ. 1611) ✓ Over-all Length 324'-0" (Circ. 1703)

No. and Material of Decks

Parts of Bottom of Vessel coated with cement or approved composition all DB = peak tanks

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,	—	—	Fore peak tank,	27	153
Double bottom, under Engines and Boilers,	58	55	After peak tank,	30	73
Double bottom, if under Engines only,	—	—	Deep tank, aft,	✓	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	✓	—
Double bottom, forward, of boiler room	200	662	Other tanks, if fitted, Deck tanks	27	87
Total length (if continuous) and Capacity	258	717	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 218

Date 28-7-50

Dates of Surveys held while building

1950 11/10 1/12
1951 27/1 31/1 5/2 19/2 14/3 27/3 2/4 7/4 14/4 4/5 7/5 10/5 13/5 21/5 24/5
30/5 6/6 12/6 27/6 7/7 14/7 8/8 23/8 27/8 27/9 20/9 2/9

Lloyd's Register Foundation
Total No. of Visits 30