

## STEEL STEAMER or MOTORSHIP.

Received at London Office 2 SEP 1925

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 JULY 28<sup>th</sup> 1925Port of COPENHAGENNo. 7089Survey held at NAKSKOVDate First Survey APRIL 24<sup>th</sup> 1924Last Survey JULY 16<sup>th</sup> 1925On the (State if Machinery fitted, and if Single, Twin or Triple Screw) TWIN SCREW MOTOR VESSEL MALINIState Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) COMPLETE SUPERSTRUCTURE WITHOUT TONNAGE State Type of Erections RAISED FORECASTLETONNAGE under 1121.38  
Tonnage Deck...CLASS 100 A.1.State if with freeboard as condition of Class YESBuilt at NAKSKOV

Do. of space or spaces between Tonnage Deck 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 223Launched FEB. 7<sup>th</sup> 1925 Yard No. 24

Total 1121.38

Breadth (greatest moulded) B 35.6Builders A/S NAKSKOV SKIBVERFT

Gross Tonnage 1278.00

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 20.0Owners SIAM STEAM NAVIGATION CO. LTD.

Register Tonnage 788.13

1st Longitudinal Number (L x D) 223 x 20 = 4460Managers EAST ASIATIC CO. LTD.

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

2nd Numeral L x (B + D) 223 x (35.6 + 20) = 12376Residence BANGKOKREGISTERED DIMENSIONS.  
FEET.

Length 223.5

Framing Depth "d," at middle of length. See Sec. 3 (1d) 10.41

Breadth 35.6

Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.15

Depth 18.2

Do. Long Bridge to top of keel

Draught Moulded 12.11Port of Registry BANGKOK

If surveyed while building, afloat, or in dry dock

WHILE BUILDING Afloat & IN DRY DOCK

## 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.
S, Spacing amidships	232	✓	Bracket Floors, Frame	ANGLES 6 3 34	✓
" from 1/2 length to Collision bulkhead	232	✓	" " Reversed Frame	ANGLES 6 3 34	✓ 5 3 34
" in peaks	232	✓	" " Vertical Struts	ANGLES 6 3 34	✓ 5 3 34
FRAMING. 9 to 45. 160 70 8.5			Centre Girder, depth and thickness amidships	31 42	✓
46 to 61. 170 75 10.5			" " top Angles	SINGLE 5 5 40	✓
62 to 105. 170 75 9.5			" " bottom Angles	SINGLE 5 5 40	✓
Amidships, Angle, [ or ]			" " bottom Angles	DOUBLE 33 33 42	✓
" Extends up to UPPER DECK ALTERNATELY			Side Girders, No. each side and thickness	ONE 32	✓
9-16 & 92-105 EVERY 2nd DECK DOWN TO 3rd			Margin Plate depth (excl. of flange) and thickness	21 36	✓
used Frame Amidships, Angle			" " Vertical Angle to Tank side	3 3 32	✓
" Extends up to	✓		" " Bracket abaft 1/2 len. from stem	3 3 32	✓
of Framing Girder	✓		" " Vertical Angle to Tank side	3 3 32	✓
es in Uppermost Continuous 'tween Decks, Angle, [ or ]	✓		" " Bracket forward 1/2 len. from stem	3 3 32	✓
" Second 'tween Decks, Angle, [ or ]	✓		" " Gussets, spacing and scantling	GUSSET PLATE IN FORE HOLD	✓
" Third " " FORE PEAK	165 75 10.5	✓	" " Gussets, spacing and scantling	✓	✓
ing in Peaks, Angle or [ AFTER PEAK	160 70 8.5	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	47 32	✓
eter, at Spacing of Rivets through Shell Plating	43 43 44	✓	INNER BOTTOM PLATING.		
if Frame Joggled	3/4 252 54	✓	Breadth and thickness of Middle Line Strake	43 38 34	✓
NG ARRANGEMENTS (Sec. 7), state system and particulars	SIDE STRINGERS INCREASED FRAMES	✓	Thickness of remainder in Holds	32 30	✓
STRENGTHENING OF BOTTOM FOR HARD. State Particulars	INTERCOSTALS INCREASED THICKNESS	✓	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?	38 IN M.R.	✓
E BOTTOM.			BEAMS.		
rs, Depth and thickness at mid-line in Holds	7		Uppermost Continuous Deck, amidships		
Height of Brackets at side above base line at toe of frame			" " in Wells, Angle, [ or ]		
the Line Keelson, on Floors, Angles, [ or ]			" " in way of Bridge, Angle, [ or ]	5 3 34	✓
" " Through Plate or Intercostal Plate			Spacing	232	✓
" " Foundation Plate on Floors			Second Deck, amidships, Angle, [ or ]	6 3 32	✓
" " Flat Plate Keel Angles			Spacing	232	✓
Keelsons, No. each side			Third Deck, amidships, Angle, [ or ]		
" thickness of Intercostal Plate			Spacing		
" Angles			Fourth Deck, amidships, Angle, [ or ]		
Spacing			Spacing		
POOP DECK, Angle, [ or ]			Forecastle Deck, Angle, [ or ]	5 3 34	✓
Spacing			Spacing	232	✓
Bridge Deck, Angle, [ or ]					
Spacing					
Bracket Floors, breadth and thickness at middle line	262 32	✓			
" " breadth and thickness at margin plate	262 32	✓			



PILLARS AND DECKS.			
	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	
<b>PILLARS.</b> No. of Rows.....	Two		
.. in 'tween Decks, Size and Spacing.....			
.. " " " " TUBULAR.	6' 40"		
.. in Holds " " " " AET.	7 1/2' 40"		
.. " " " " FWD.	9' 44"		
Centre Line Bulkhead.	7' 38"		
Stiffeners and Spacing.....	✓	✓	
Plating, thickness of .....	✓	✓	
<b>STRINGERS AND DECKS.</b>			
<b>Uppermost Continuous Deck.</b>			
Stringer Plate, breadth and thickness in Walls	45' 38' 34"		
" " " " in way of Bridge			
" Angle in Walls .....	32 32 42		
Thickness of Plating abreast Deck openings in way of Walls .....	30		
Thickness of Plating abreast Deck openings in way of Bridge .....	36		
If Sheathed, material and thickness	SHEATHED WITH 2 1/2" TEAK		
<b>Second Deck.</b>			
Stringer Plate, breadth and thickness in Walls	43' 34"		
Stringer Plate, breadth and thickness in way of Bridge			
Thickness of Plating abreast Deck openings in way of Walls .....			
Thickness of Plating abreast Deck openings in way of Bridge .....			
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.....	36-34		
Plating, Sheathing, material and thickness .....	26 SHEATHED WITH 2 1/2" TEAK.		

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>Not jogged.</i>			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.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL .....	<i>42 3/4</i>	<i>48</i>	<i>43</i>	<i>48</i>		<i>DOUBLE</i>	<i>3/4</i>	<i>3</i>	<i>3</i>	<i>3/4</i>	<i>2 5/8</i>	<i>STRAPS</i>
„ DBLG. (if any)												
BOTTOM PLATING, No. of Strakes ... <i>3</i> .....	<i>64</i>	<i>42</i>	<i>38</i>	<i>42</i>	<i>MIDSHIP THICK' TO COLL' BKT</i>	<i>DOUBLE</i>	<i>3/4</i>	<i>3</i>	<i>3</i>	<i>3/4</i>	<i>2 5/8</i>	<i>OVERLAPPED</i>
BILGE PLATING, No. of Strakes ... <i>1</i> .....	<i>56</i>	<i>42</i>	<i>38</i>	<i>40</i>		<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
SIDE PLATING, No. of Strakes ... <i>2</i> .....	<i>56</i>	<i>42</i>	<i>38</i>	<i>42</i>		<i>SINGLE</i>	<i>3/4</i>	<i>3</i>	<i>3</i>	<i>3/4</i>	<i>2 5/8</i>	<i>-</i>
UPPER DECK, Sheer- strake in Wells .....	<i>46</i>	<i>42</i>	<i>38</i>	<i>38</i>		<i>SINGLE</i>	<i>3/4</i>	<i>3</i>	<i>3</i>	<i>3/4</i>	<i>2 5/8</i>	<i>-</i>
UPPER DECK, Sheer- strake in Bridge ...												
STRAKE BELOW Sheer- strake in Wells .....	<i>46</i>	<i>42</i>	<i>38</i>	<i>38</i>		<i>SINGLE</i>	<i>3/4</i>	<i>3</i>	<i>3</i>	<i>3/4</i>	<i>2 5/8</i>	<i>-</i>
STRAKE BELOW Sheer- strake in Bridge ...												
POOP SIDE PLATING .....												
BRIDGE SIDE PLATING ...												
FOREC'TLE SIDE PLATING.			<i>30</i>			<i>SINGLE</i>	<i>3/4</i>	<i>3</i>	<i>1</i>	<i>3/4</i>	<i>2 5/8</i>	<i>OVERLAPPED</i>

Total No. of W.T. BULKHEADS in Vessel— *4*

Extending to Upper Deck (Sec. 3 c)..... *1 COLLISION BND*

„ Deck next below..... *3.*

As per Rule.....

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....				
STEM <i>FORGED</i> .....				
STERN FRAME {	BRACKETS. Propeller Post .....	CAST STEEL	VAROR 1" STAIL VERN	✓
	Rudder " .....	CAST STEEL	7" x 2 1/4" 1 D°	✓
RUDDER—A x D .....	106.			
Speed of Vessel .....	11. K <sup>ts</sup>			
RUDDER mainpiece at head ...	FORGING.	5 1/4	FOSTER & SONS	
" " heel ...		4	SUNDERLAND.	
" how constructed ...	4 ARMS SHAUNK ON & KEYED TO MAIN PIECE			
" <del>double or</del> single plate	SINGLE PLATE .86"			
" coupling, vertical or horizontal .....	6. 1 1/8 BOLTS.			

Manufacturer's name or trade mark of the Steel used in the construction of the Vessel (state process of manufacture) Plates Esmeralda Holstein  
Sections, Skinning from Iron Ore Open hearth.  
Has the Steel been tested as required by the Rules? Yes.



EQUIPMENT No. 13094 ✓										LETTER	O ✓	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.			
395.	1st Bower ...	29	0	2		✓		27	19	1	14	28.0.0	STOCKLESS	OTTO GRUON CO.	MAGDEBURG 10.4.24 K. HAUSS.
386	2nd „ ...	27	2	0		✓		26	15	0	0	28.0.0	-	-	29.3.24 M. BERG.
394	3rd „ ...	24	2	8		✓		24	8	1	21	24.0.0	-	-	10.4.24 K. HAUSS.
	Collective weight.	81	0	10								80.0.0			
391	Stream .....	6	3	5	2	1	6	9	2	2	0	7.0.0 + 25%	COMMON	-	29.3.24 M. BERG.

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.	
	Fathoms.	Diam.	Stat.	Break.	Supplied.	Per Rule.		Length.	Diam.						Length.	Cir.	Tons.	Length.	Cir.
113	240	1 7/16	43.100	61 1/4	301.2.2	298 3/4		240	1 7/16	STW.	CARL SCHLUPPER GRUNE/WESTPHALIA	27.8.24 J. QUAST.		FOWLINE	90	3 1/4	22	90	3 1/4
Iron Stream Chain or Steel Wire														HAWSERS & WARPS	3	90	2 1/2		
	75	3 3/4			29.	STEEL WIRE.		75	3 3/4					"	90	6			

Steering Gear, Steam ELECTRIC HYDRAULIC 2 cyl. 6" O.D. JOHN HASTIE Steering Gear, Hand 32 SCREW. JOHN HASTIE & CO GREENOCK.  
2 1/2" BORE 25.0 x 7.9 x 3.2

Boats 2. Dinghies 18.0 x 5.6 x 2.0 Steering Chains, Size and Test

Windlass ELECTRIC QUICK WARPING DIRECT ACTING T. FABIG. ODENSE.

Ceiling in Holds, thickness and material 2 1/2" PINE

Cargo Battens, thickness, material and spacing 7 x 3 x 40 B.A. 1 1/2" PINE SPACED 9"

Cargo Hatchways. (Upper Deck) STEEL COAMINGS 2' 9" x 4 1/2" THICK PLATE STAYS. Thickness of Hatches 2 1/2" WOOD, FORE & AFT.

Size of No. 1 Hatchway (Forward) 25' 5 1/2" x 12' 0" No. 2 19' 7" x 11' 6" No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters No. 1. 4. OFF 10 x 30 3 x 3 x 40 No. 2. 3. OFF 10 x 30 3 x 3 x 40

AKTIESELSKABET  
NAKSKOV SKIBSVÆRFT

Builder's Signature

*M. Christensen*

GENERAL DECLARATION This vessel has been built in accordance with the Secretary's Letters and approved plans and in every respect as required by the rules. The workmanship is very good and in every way satisfactory. All tanks, bilges, funnels, Bulkheads, decks etc have been tested as required by the rules and found good. The vessel is intended for coasting service between Bangkok and Chantaboon.

Freelboard KR 130.50  
The amount of Entry Fee ..... KR 106.50  
Special Survey Fee.... KR 2722.06  
Travelling Expenses, if any KR 616.00  
Late fee KR 30.00

Fees applied for,  
5.8 19 25  
Received by me,  
11.8 19 25

I am of opinion the Vessel should be Classed 100 A.1.  
Lloyd's A & C.P.

State whether the Vessel has been built under Special Survey n/a.  
H.M. Certificate to be sent to Copenhagen. Date of issue 4/9/25.

Signature Cyril B. Seaver.  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute  
Character assigned + 100 A.1 with freeboard, large battens not fitted in tween decks

Lloyd's A & C.P.

Write C.P. + Lmb 7.25 Oil Engines



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.)

List of approved plans now returned.

Midship Section.

Profile and deck plans.

Shell Expansion

Stern Post and Rudder.

Shaft Brackets and Framing in After Peak.

Detail plan of Cargo doors.

Motor Seating.

Ceiling laid on tank top in hold with 2" air space in way of oil fuel  
Oil fuel is carried in the double bottom from 42 frame to 73 frame Cofferdams  
have been fitted at each end of tank as required.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	18.3.6	M.B.	1890	28.3.24	SHANK	8.1.22	M.B.	81	28.3.24
	2nd "	18.1.24	K.H.	2812	18.3.24	-	6.2.22	K.H.	77	18.3.24
	3rd "	15.3.7.	M.B.	1891	28.3.24	-	6.3.0.	K.H.	79	18.3.24
	STREAM.	6.3.5	K.H.	2821	18.3.24					

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop \_\_\_\_\_ ft., R.Q.D. \_\_\_\_\_ ft., Bridge \_\_\_\_\_ ft., Forecastle 32.9 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book)  
1 D<sup>o</sup> (Stk) & Awning dk. (teak) / Cargo battens not fitted in Awning tween decks.  
Official No. \_\_\_\_\_; Signal Letters \_\_\_\_\_ If bottom of Vessel has been coated Inside Yes give  
particulars of composition Cement in peaks and bottom clean of oil tanks.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	60.7	58	Fore peak tank,	14.8	16
Double bottom, under Engines and Boilers,			After peak tank,	14.3	27
Double bottom, if under Engines only,	31.3	49	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	90.1	71	Other tanks, if fitted,		
Total capacity of double bottom		178	(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. 20

Date JAN 11<sup>th</sup> 24.

Dates of Surveys held while building

1924 24/4. 12/9. 7/10. 16/10. 28/10. 19/11. 5/12. 18/12.  
1925. 7/1. 4/1. 23/1. 28/1. 6/2. 7/2. 20/2. 12/3. 7/4. 25/4. 24/6. 1/7. 10/7.  
5/7. 16/7.

Total No. of Visits 28.

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