

STEEL STEAMER or MOTORSHIP.

Received at London Office MAY -1 1939

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

State if Report is sent on the Machinery of the Vessel *Yes*

Date of completion of report *28th April 1939* Port of *Göteborg* No. *12323*

Survey held at *Göteborg* Date First Survey *28th Sept 1938* Last Survey *18th April 1939*

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Single Screw Motorship BRITAMSEA* Machinery Fitted *Off.*

State Type (Full scantling, Complete Superstructure with or without Tonnage Openings) *Full scantling* State Type of Erections *Prop Bridge etc.*

TONNAGE under Tonnage Deck... *7570.94* CLASS *#100A1* State if with freeboard as condition of Class *No* Built at *Göteborg*

Do. of space or spaces between Tonnage Dk. and Upper Dk. *7570.94* Length from fore part of stem to after part of stern most on summer L.W.L. See Sec. 3 (1a) *L 458.4* Launched *4th March 1939* Yard No. *533*

Total *7570.94* Breadth (greatest moulded) *B 59.0* Builders *Skibsvarvet*

Tonnage *8237.76* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 35.5* Owners *SKIBS 7/5 CANADA TANK*

or Tonnage *4929.11* 1st Longitudinal Number (L x D) *= 15815* Managers *HARALD ONSTAD* (Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS. FEET. *465.1* 2nd Numeral L x (B + D) *= 42862* Residence *OSLO*

59.4 Framing Depth "d," at middle of length. See Sec. 3 (1d) *34'-6"* Port of Registry *OSLO*

35.9 Proportions—Depth to Length—Uppermost continuous deck to top of keel *12.9* If surveyed while building, afloat, or in dry dock

27'-8 5/8" Draught Moulded *27'-8 5/8"* Building, Afloat and on floating dock

FRAMES, DOUBLE BOTTOM AND BEAMS.

	mm. IN SHIP.	Any Departure from Approved Plans to be Noted.		mm. IN SHIP.	Any Departure from Approved Plans to be Noted.
Spacing amidships	825	✓	Bracket Floors, Frame	✓	
from 1/2 length amidships to Collision bulkhead	825, 815, 675	✓	Reversed Frame	✓	
in peaks	610	✓	Vertical Struts	✓	
AMIDSHIPS, Angle, E or C	250 x 90 x 11	✓	Centre Girder, depth and thickness amidships	1092 x 115 x 13.5	✓
Extends up to	Upper deck	✓	top Angles	90 x 90 x 12.5	✓
Frame Amidships, Angle, E	280 x 90 x 12	✓	bottom Angles	Welded.	✓
Extends up to	Long bulkhead in centre tanks	✓	Side Girders, No. each side and thickness	2 x 19 x 125 resp.	✓
Framing Girder	250	✓	Margin Plate depth (excl. of flange) and thickness	13.5 level	✓
in Uppermost Continuous 'tween Decks, Angle, C or E	✓		Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	✓	
Second 'tween Decks, Angle, C or E	✓		Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	✓	
Third	✓		Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
from 1 len. for'd. to 15 len. from Stem	✓		Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	✓	
Peaks, Angle or C	230 x 90 x 11	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	See approved plan.	✓
and Spacing of Rivets through Frame and Shell Plating amidships	22 x 135	✓	INNER BOTTOM PLATING.		
Frame Joggled	Bottom frame only.	✓	Breadth and thickness of Middle Line Strake	2916 x 13.5	✓
scantlings and arrangements in the Area in accordance with the Rules approved?	As approved	✓	Thickness of remainder in Holds	13.5	✓
scantlings and arrangements in way bottom Forward in accordance with Rules and/or as approved?	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.	✓
BTOM.			BEAMS.		
depth and thickness at mid-line in Holds	✓		IN CENTRE TANKS		
Height of Brackets at side above base line at toe of frame	✓		Uppermost Continuous Deck, amidships	800 x 90 x 10.5	✓
Keelson, on Floors, Angles, E or C	280 x 90 x 12.866	✓	in Wells, Angle, E or C	✓	
Through Plate or Interstitial Plate	1680 x 12.5	✓	IN WING TANKS		
Foundation Plate on Floors	✓		in way of Bridge, Angle, E or C	200 x 90 x 11.5	✓
Flat Plate Keel Angles	Welded.	✓	Spacing	825	✓
ms, No. each side in centre tank	One	✓	Second Deck, amidships, Angle, C or E	✓	
DEPTH AND THROUGH			Spacing	✓	
thickness of Interstitial Plate	1680 x 12.5	✓	Third Deck, amidships, Angle, C or E	✓	
Angles TO SHELL	Welded	✓	Spacing	✓	
TOP C	340 x 100 x 15	✓	Fourth Deck, amidships, Angle, C or E	✓	
BTOM. IN MOTOR ROOM			Spacing	✓	
thickness and spacing	10.5 x 825	✓	Poop Deck, Angle, E or C	230 x 90 x 11	✓
Are Frame and Reversed Frame joggled?	Frames only.	✓	Spacing	825 x 610	✓
ors, breadth and thickness at middle line	✓		Bridge Deck, Angle, E or C	200 x 75 x 9	✓
breadth and thickness at margin plate	✓		Spacing	1030 x 75	✓
			Forecastle Deck, Angle, E or C	230 x 90 x 11	✓
			Spacing	675 x 610	✓

Entered in Remise 12.5.37 JRS

014461-014473-20794

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.
PILLARS, No. of Rows.....	✓		Stringer Plate, breadth and thickness in way of Bridge	✓	
„ in 'tween Decks, Size and Spacing.....	✓		Thickness of Plating abreast Deck openings in way of Wells	✓	
„ „ „ „ „	✓		Thickness of Plating abreast Deck openings in way of Bridge	✓	
„ in Holds „ „	✓		Thickness of Plating within line of openings...	✓	
„ „ „ „ „	✓		If Sheathed, material and thickness	✓	
Centre-line Bulkheads			Third Deck.		
Stiffeners and Spacing.....	CHAMFELS 220x9x80x125x8x5 ✓		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of <i>from bottom</i>	13, 11.5, 10.5, 10, 10.5 ✓		If Plated, state thickness.....	✓	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	1610x22 ✓		If Plated, state thickness	✓	
„ „ „ „ in way of Bridge	1610x27.5 ✓		Poop Deck.		
„ Angle in Wells	160x160x240 ✓		Stringer Plate, breadth and thickness	9.0 ✓	
Thickness of Plating abreast Deck openings in way of Wells	20.0 ✓		Plating, Sheathing, material and thickness ...	6.5 2 1/2" O.P. ✓	
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	12.0 ✓		Stringer Plate, breadth and thickness.....	1100x11. ✓	
If Sheathed, material and thickness	✓		Plating, Sheathing, material and thickness ...	9.0 ✓	
Second Deck, STRINGER IN WINGTANK			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	940x10. <i>Plated</i> ✓		Stringer Plate, breadth and thickness.....	9.0 ✓	
BEAM IN WAY OF STRINGER	200x90x10. ✓		Plating, Sheathing, material and thickness ...	9.0 ✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>Edges only.</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.		
	<i>inches.</i> <i>mm</i>	<i>inches.</i> <i>mm</i>	<i>inches.</i> <i>mm</i>	<i>inches.</i> <i>mm</i>									<i>inches.</i> <i>mm</i>
FLAT PLATE KEEL	2030	25.5 ✓	20.0 ✓	20.0 ✓		Double	25	90.6	✓	Welded.	✓		
“ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes	A	17.5 ✓	15.0 ✓	14.0 ✓		“	22	90.6	✓	Welded	✓		
	B	20.0 ✓											
	C	17.5 ✓											
BILGE PLATING, No. of Strakes	D	17.5 ✓	14.0 ✓	14.0 ✓		“	“	“	“				
SIDE PLATING, No. of Strakes	E	16.5 ✓	13.0 ✓	13.0 ✓		“	“	“	4.	22	90	Lapped ✓	
	F												
	G												
UPPER DECK, Sheer-strake in Wells	1480	25.0	13.0 ✓	13.0 ✓						Welded.	✓		
UPPER DECK, Sheer-strake in Bridge ...													
STRAKE BELOW Sheer-strake in Wells	1630	19.5 ✓	13.0 ✓	13.0 ✓		Upper Dbl. lower	25 22	“	4	25	100	Lapped ✓	
STRAKE BELOW Sheer-strake in Bridge ...													
POOP SIDE PLATING		10.0 ✓				Single.	22	90.6	✓	2	22	80	“ ✓
BRIDGE SIDE PLATING ...		11.0-13.0 ✓								3	22	80	“ ✓
FORECASTLE SIDE PLATING			10.5 ✓			Single.	22	90.6	✓	2	22	80	“ ✓

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel —	✓ 9 BH + R.B.
Extending to Upper Deck (Sec. 3 c)	10 + 4 in Centre tanks only
„ Deck next below	
As per Rule	7

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks					
„ „ Second „					
„ „ Third „					
„ „ Holds	10x13	225x90x105	810	3 horizontal stringers	
COLLISION „ (in Hold)	6.5-11.5	230x90x115	610	3 horizontal stringers and tank top.	
AFTER PEAK „ „	6.5-11	200x75x9.5	610	1 horizontal stringer and tank top.	
		150x75x8.5	610		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				Flat plate keel. ✓
STEM				Plate stem. (Left Nose) ✓
STERN FRAME { Propeller Post				Star Contra As per approved ✓
{ Rudder „				plan. Casting from Motals Vork. ✓
Speed of Vessel				12.5 knots ✓
RUDDER—Type				Double plate ✓
„ A x D				✓
„ Diam. of head				Forging 324. ✓
„ Mainpiece at top pintle				Casting As A/B Motals ✓
„ „ heel ...				per approved ✓ Inspected.
„ how constructed				plan.
„ double or single plate				Double 11.5 ✓
„ coupling, vertical or horizontal				Horizontal ✓

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Thyssenhütte, Dortmund
 Hoerder Hüttenverein. Kön. u. ung. Stahl und Eisenwerke Georgy's, Mannesmannröhren-Werke.
 Aufschaffnungshütte, Colville's Ltd. Donnarfreth Jernverk. Bethlehem Steel Company.
 Has the Steel been tested as required by the Rules? Yes. ✓

EQUIPMENT No. 44647										LETTER C+	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.				
2342	1st Bower ...	74	1	8	✓			56	0	0	0	✓	"Union" Hookless.	Dortmund-Kaarder.	Dortmund 12/238 Jul Quast	
2343	2nd " ...	74	2	17	✓			56	5	0	0	✓	"	"	" " " "	
2344	3rd " ...	75	3	7	✓			56	15	0	0	✓	"	"	" " " "	
	Collective weight	224	3	4	✓							219 1/2 cwt				
2345	Stream	22	3	1	✓	6	0	7	23	0	2	14	✓	22	Ordinary Hook	" " " "

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.	Cir.		Length.	Cir.	
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
89531	150	2 ⁷ / ₁₆	106 ⁹ / ₁₆	149 ⁵ / ₈	449.0.0	✓	890 ¹ / ₂	300	2 ⁷ / ₁₆	Shul- linge	L.P.H. N. 12 ¹ / ₂ 38.	J.A. Reaf.	TOWLINE...	130	5 ¹ / ₄ "	77.5	130	5 ¹ / ₄ "
89542	150	2 ⁷ / ₁₆	106 ⁹ / ₁₆	149 ⁵ / ₈	446.3.2.	✓			"	"	L.P.H. N. 12 ¹ / ₂ 38.		J.A. Reaf.	HAWSERS & WARPS	20100	3"	25.7	20100
Iron Steam } Cable or } Steel Wire }	120	5"	-	709	(6224)			120	5"	(6212)			"	4090	3"	25.7	20100	2 ³ / ₄ "
													"					

Steering Gear, Type (Power or hand) *Steam by Denton & Co.* Alternative Means of Steering *Block and tackle to wind on Prop.*

Steering Chains (Size and Test) *Windlass Steam by Helsingborgs Kvarn AB, Boats 3 D* *26.0 x 8.0 x 3.3* *22.0 x 7.3 x 3.0* *20.0 x 6.9 x 2.7* ✓

Ceiling in Hold, thickness and material *3" pine on 2" battens* ✓ Cargo Battens, thickness, material and spacing *None* ✓

Cargo Hatchways. (Upper Deck) *OT Hatches. Steel casing 815 high* Thickness of Hatches *Steel cover*

Size of Hatchways No. 1 (Fwd.) *0.71 x 1.720 met.* No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams } *None* ✓
and/or Fore and Afters }

Builder's Signature *AKTIEBOLAGET GÖTAVERKEN* *W. J. J. J. J.*

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 ship* -
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *Oil tanker* ✓ 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).

The vessel has been built in accordance with the approved plans and instructions the Secretary's letters of various dates and in conformity with the Rules for the class contemplated. The material and workmanship are good. The ship is constructed to carry Petroleum in bulk. The ship is also constructed to carry oil fuel in the double bottom under the machinery, in the oil fuel bunkers situated at each side of the forward end of the machinery space, in the forward deep tank and in the after peak tank. The flash point of the oil fuel is above 150°F. Lubricating oil is carried in the centre portion of the double bottom under the engine. The tanks, copperdams, bulkheads, decks and water tight doors on deck have been tested in accordance with the Rules. The requirements of Section 20 of the Rules (1938-39) have been complied with, where applicable. The freeboards have been verified and the marks cut in on the vessel's sides. ✓

The amount of Entry Fee *kr 209 -* Fees applied for, *29th April 39* (Special notations, where part of class, to be stated.)

Special Survey Fee.... *kr 115.79 -* Received by me, *16.5 19.39* I am of opinion the Vessel should be Classed *100 A 1.* ✓
FREEBOARD FEE *kr 420* "Carrying Petroleum in Bulk"

Travelling Expenses, if any *kr 5 -* *80 -* SURVIVAL FEE

State whether the Vessel has been built under Special Survey..... Signature *S. J. J. J. J.*
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Göteborg* Date of issue *8/5/39*

Committee's Minute *FRI 5 MAY 1939*
Character assigned *+ 100 A 1*
Carrying petroleum in bulk
Bulls of Mr. Sheerstone
+ Mr. Shell platg. Edw
Lloyd's Assoc.
L. Edw.
Oil Eng.
22.0-1500
6.5
Lloyd's Register Foundation

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.)

This vessel is sister vessel to M/S W.R. LUNDGREN YARD N. 513. G.O.T. REPORT NO 11623.

List of approved plan now forwarded.

Midship Section
Longitudinal Section and Plan
Shell expansion
Double bottom and engine seats
Web in engine room
Hatches to oil tanks
Fore stem
Transverse bhd on frame 97-99.

Oil fuel bunker on frame 34-41
After peak
Fore peak and deep tank
Sternframe
Rudder
Rudder head
Rudder quadrant and Tiller

As fitted plans now forwarded

Midship Section
Longitudinal Section and Plan
Shell expansion

Rudder head
Rudder
After peak.

Farging and Basting report now forwarded in respect of:-
Upper and Lower part of Sternframe, Rudder frame, Rudder head, Quadrant and Tiller

Copy of interim certificate now attached.

Please return approved plan to Southampton office, with exception of Sternframe, for dealing with sister vessels.

PARTICULARS OF ELECTRIC WELDING (if employed)

including batts of deck and bottom shell and sheer stroke and bilge stroke.
(See shell expansion as fitted)

Part electrically welded

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book "Carrying Petroleum in Bulk" ✓
Cruiser Stern, Wireless, Direction finding apparatus, Echo sounding apparatus ✓

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

1st Bower Head 48:3:24 J.Q. 2342 8/12 38. Shank 25:1:12 J.Q. 2342 8/12 38.
2nd " " 49:1:14 J.Q. 2343 8/12 38. " 25:1:3 J.Q. 2343 8/12 38.
3rd " " 50:2:6 J.Q. 2344 8/12 38. " 25:1:1 J.Q. 2344 8/12 38.
Shank Bower 22:3:1 J.Q. 2345 8/12 38.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 101.1 ft., R.Q.D. ft., Bridge 38.0 ft., Forecastle 59.5 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 LKEA Extreme Breadth over Belting (Circ. 1611) Over-all Length 483'-9" ✓

No. and Material of Decks One deck ✓ (Steel)

Parts of Bottom of Vessel coated with cement or approved composition Part. Cement in fresh water double bottom tank fore peak and engine room bilge. ✓

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. SALT	Where Fitted.	Length. Feet.	Water Capacity. Tons. SALT
Double bottom, aft,			Fore peak tank, W.B.		78. ✓
Double bottom, under Engines and Boilers,			After peak tank, OF or W.B.		149. ✓
Double bottom, if under Engines only, FUEL OIL	29.8 ✓	128.5	Deep tanks aft, OIL FUEL BUNKER	19.0	410. ✓
Double bottom, if under Boilers only, FRESH WATER	47.3 ✓	920.3	Deep tank, forward, " "	22.2	356. ✓
Double bottom, forward,	11.1	220.3	Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary, furnish further information by sketch.)		
LODR OIL TANK 27.2' and 25.36 m ³					

Order for Special Survey No. 255

Date 29/7 37.

Dates of Surveys held while building

1938:—Sept 28, 29, 30. Oct. 1, 4, 10, 12, 10, 13, 17, 20, 31. Nov 13, 7, 16, 18, 23, 24, 25, 28, 29 Dec 1, 2, 5
7, 8, 9, 13, 14, 15, 16, 19, 21, 22, 28 1939:—Jan 25, 9, 12, 17, 20, 24, Feb 3, 6, 8, 13, 16, 17, 18, 21, 22, 23, 24
25, 27 March 3, 4, 14, 17, 21, 23, 27, 28, 30, 31 April 1, 2, 3, 4, 5, 6, 12, 17, 18

Total No. of Visits 75.

Lloyd's Register Foundation