

STEEL STEAMER ~~or MOTORSHIP~~

Received at London Office 29 NOV 1926

State if Report has been sent on the Freeboard of the Vessel No. *Norsk Veritas Freeboard.*State if Report is sent on the Machinery of the Vessel *Yes.*Date of completion of report *November 26<sup>th</sup> 1926.* Port of *Rouen.* No. *544.*Survey held at *Le Trait* Date First Survey *December 22<sup>nd</sup> 1925* Last Survey *November 25<sup>th</sup> 1926.*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Single Screw Steamer "SOROKA."*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantling*State Type of Erections *R.A.D. & Br. comble Poop & Forecastle*TONNAGE under Tonnage Deck *1,270.* CLASS *100A1* State if with freeboard *No.* Built at *Le Trait*Do. of space or spaces between Tonnage Dk. 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 251.0*Total *✓* Breadth (greatest moulded) *B 39.0*Gross Tonnage *1,718.* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 18.0*Register Tonnage *1,002.* 1st Longitudinal Number (L x D) *4,518.* Owners *DET NORSK RUSSELSKE DAMPSKIBSELSKAB A/S*

## REGISTERED DIMENSIONS.

FEET.

Length *251.8*Breadth *39.2*Depth *18.1*Framing Depth "d," at middle of length. See Sec. 3 (1d) *15.17*Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.94*Do. Long Bridge to top of keel *9.9*Draught Moulded *16.97*Built at *Le Trait*Launched *November 21<sup>st</sup> 1926* Yard No. *40.*Builders *Ateliers et Chantiers de la Seine Maritime.*Managers *✓* (Where necessary to be entered in Reg. Book.)Residence *BERGEN.*Port of Registry *BERGEN*If surveyed while building *✓* afloat, *or in dry dock**Yes.*

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	m/m IN SHIP.	Any Departure from Approved Plans to be Noted.		m/m IN SHIP.	Any Departure from Approved Plans to be Noted.
ES, Spacing amidships	585.	✓	Bracket Floors, Frame	✓	
" from 1/2 length to Collision bulkhead	293.	✓	" " Reversed Frame	✓	
" in peaks	585.	✓	" " Vertical Struts	✓	
" <i>for</i>	293.	✓	Centre Girder, depth and thickness amidships	860 x 10.5.	
FRAMING.			" " top Angles	75 75 10.	
" Amidships, Angle <i>E</i> [	165 80 10.	✓	" " bottom Angles	90 90 10.5	
" Extends up to	<i>Upper Dk.</i>	✓	Side Girders, No. each side and thickness	1 - 8.	
" <i>used</i> Frame Amidships, Angle	✓	✓	Margin Plate depth (excl. of flange) and thickness	700 x 9.	
" Extends up to	✓	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	75 75 8.	
" of Framing Girder	165.	✓	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	75 75 8.	
" in Uppermost Continuous 'tween Decks, Angle, [ or [	✓	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	<i>Double.</i> Every 5 1/2" 8.	
" Second 'tween Decks, Angle, [ or [	✓	✓	" " Gussets, spacing and scantling forward 1/2 len. from stem	Every 5 1/2" 8.	
" Third " " "	✓	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	1340. 9.	
" in Peaks, Angle [	150 75 10.0	✓	INNER BOTTOM PLATING.		
" <i>ter</i> and Spacing of Rivets through Frame and Shell Plating amid- ships	19 - 133.	✓	Breadth and thickness of Middle Line Strake	1450 x 9.5.	
" Frame Joggled	<i>No.</i>	✓	Thickness of remainder in Holds	8.	
" <i>ARRANGEMENTS</i> (Sec. 7), state system and particulars	<i>Intermediate frames from fr. 110 forward 4 side stringers.</i>	✓	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?	<i>Yes.</i>	
" <i>THENING OF BOTTOM FOR</i> D. State Particulars	<i>Double frames from fr. 104 forward midship bulk maintained.</i>	✓	BEAMS.		
" <i>BOTTOM.</i>			Uppermost Continuous Deck, amidships	190 75 10.	
" Depth and thickness at mid-line in Holds	✓	✓	" " in Walls, Angle, <i>E</i> or [	190 75 10.	
" Height of Brackets at side above base line at toe of frame	✓	✓	" " in way of Bridge, Angle, <i>E</i> or [	Every.	
" Line Keelson, on Floors, Angles, [ or [	✓	✓	" Spacing	✓	
" " Through Plate or Intercostal Plate	✓	✓	Second Deck, amidships, Angle, [ or [	✓	
" " Foundation Plate on Floors	✓	✓	" Spacing	✓	
" " Flat Plate Keel Angles	✓	✓	Third Deck, amidships, Angle, [ or [	✓	
" " Keelsons, No. each side	✓	✓	" Spacing	✓	
" " thickness of Intercostal Plate	✓	✓	Fourth Deck, amidships, Angle, [ or [	✓	
" " Angles	✓	✓	" Spacing	✓	
" <i>BOTTOM.</i>			Poop Deck, Angle <i>E</i> [	150 75 10.	
" " Floors, thickness and spacing	8. Every.	✓	" Spacing	<i>Alternate.</i>	
" " Are Frame and Reversed Frame joggled?	<i>No.</i>	✓	Bridge Deck, Angle <i>E</i> [	150 75 10.	
" " Floors, breadth and thickness at middle line	✓	✓	" Spacing	<i>Every</i>	
" " breadth and thickness at margin plate	✓	✓	Forecastle Deck, Angle <i>E</i> [	150 75 10.	
			" Spacing	<i>Every</i>	



PILLARS AND DECKS.							
		mm. IN SHIP.	Any Departure from Approved Plans to be Noted.			mm. IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>		1.		Stringer Plate, breadth and thickness in way of Bridge .....		✓	
" in 'tween Decks, Size and Spacing.....		70x63 Alternate		Thickness of Plating abreast Deck openings in way of Wells .....		8.5	
" " " " " "				Thickness of Plating abreast Deck openings in way of Bridge .....		✓	
" in Holds " " "		Double Channels 250x80x10 1/5 as plan		Thickness of Plating within line of openings.....		7.5	
" " " " " "				If Sheathed, material and thickness .....		✓	
<b>Centre Line Bulkhead.</b>				<b>Third Deck.</b>			
Stiffeners and Spacing.....		✓		Stringer Plate, breadth and thickness.....		✓	
Plating, thickness of .....		✓		If Plated, state thickness.....		✓	
<b>STRINGERS AND DECKS.</b>				<b>Fourth Deck.</b>			
<b>Uppermost Continuous Deck.</b>				Stringer Plate, breadth and thickness.....		✓	
Stringer Plate, breadth and thickness in way of Wells		1640x13.		If Plated, state thickness .....		✓	
" " " " " " in way of Bridge		1640x13-10		<b>Poop Deck.</b>			
" Angle in Wells .....		130 130 13		Stringer Plate, breadth and thickness .....		7.5	
Thickness of Plating abreast Deck openings in way of Wells .....		11.		Plating, Sheathing, material and thickness .....		7.5. P.P. 11x63	
Thickness of Plating abreast Deck openings in way of Bridge .....		9.		<b>Bridge Deck.</b>			
Thickness of Plating within line of openings.....		8 + 7.5		Stringer Plate, breadth and thickness.....		1500x11.5.	
If Sheathed, material and thickness .....		✓		Plating, Sheathing, material and thickness .....		7.5	
<b>Second Deck.</b>				<b>Forecastle Deck.</b>			
Stringer Plate, breadth and thickness in way of Wells		1640x12.5.		Stringer Plate, breadth and thickness.....		7.5	
				Plating, Sheathing, material and thickness .....		7.5	

SCANTLINGS.				RIVETING.			
		AS IN VESSEL.		EDGES.		BUTTS.	
		AMIDSHIPS.	FORWARD.	State if joggled?		No. of Rows of Rivets.	
STRAKES.		Breadth.	Thickness.	ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.		Diam. Spacing or to cr.	
FLAT PLATE KEEL .....		1290	14	13	14	✓	Double 22 83 3 22 77 Snapped
" DELG. (if any) .....		✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes .....		3	11	11, 12, 13	9.5	✓	Double 19 73 3 19 66 Snapped
BILGE PLATING, No. of Strakes .....		1	11	13	9.5	✓	Double 19 73 3 19 66 Snapped
SIDE PLATING, No. of Strakes .....		1	11	13	9.5	✓	Single 19 73 3 19 66 Snapped
UPPER DECK, Sheer- strake in Wells.....		1650	12	10	10	✓	Single 19 73 3 19 66 Snapped
UPPER DECK, Sheer- strake in Bridge .....		1650	10	12	✓	✓	Single 19 73 3 19 66 Snapped
STRAKE BELOW SHEER- strake in Wells.....		1650	11	14	9.5	✓	Single 19 73 3 19 66 Snapped
STRAKE BELOW SHEER- strake in Bridge .....		1650	11.	✓	✓	✓	Single 19 73 3 19 66 Snapped
POOP SIDE PLATING .....		✓	✓	✓	8	✓	Single 19 73 2 19 66 Snapped
BRIDGE SIDE PLATING .....		✓	11.	✓	✓	✓	Single 19 73 3 19 66 Snapped
FORECASTLE SIDE PLATING		✓	8	✓	✓	✓	Single 19 73 2 19 66 Snapped

WATERTIGHT BULKHEADS.					FORGINGS and CASTINGS.				
Total No. of W.T. BULKHEADS in Vessel—									
Extending to Upper Deck (Sec. 3 c) 4.					Casting or Forging.				
" Deck next below ✓					Scantlings.				
As per Rule 4.					Maker's Name.				
					Any departure from approved plans to be noted.				
					KEEL, Bar ✓				
					STEM Forging 184x48 P. Aubagne.				
					STERN FRAME { Propeller Post Casting 180x134 Arcs at 190x134 Tubes de la Sarre				
					RUDDER—A x D. 190				
					Speed of Vessel 10 knots				
					RUDDER mainpiece at head Forging 194 148				
					" " heel 148				
					" how constructed Arcs at pinches				
					" double or single plate Single 25				
					" 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)									
STEEL. Société Anonyme des Usines Métallurgiques de la Basoche, Messrs Peaslee Partners,									
Has the Steel been tested as required by the Rules? Yes.									

EQUIPMENT No.					LETTER 91.		ANCHORS.			
Number of Certificate.	Anchor.	WEIGHT BY STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.		
7001	1st Bower ...	1670	✓	3,1250	1675	Stells.	E. Turbot	Anquin 18.10.26. A.D.		
7002	2nd " ...	1653	✓	3,1012	1675	Stells.	"	" 26.10.26. A.D.		
7000	3rd " ...	1637	✓	3,0757	1425	Stells.	"	" 18.10.26. A.D.		
	Collective weight.	4960			4775					
7003	Stream .....	432	108	10,740	490	Ordinary	E. Turbot	Anquin 8.10.26. A.D.		

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.	Stain-ory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Test.	Length.	Cir.	
35	440	43	52	440	73390	19021.	17260	440	485	Steel.	M. Verbeke Co.	Hams, 12.10.26. L.H.	165	89.	26420	155	89.		
Iron Stream (Chain Wire)	135	102.			33,530.	✓	✓	135	102	S.W.R.			22165	57	9,650	2165	57.		
													22165	44	5,590	2165	44.		
													4260	89.					

Steering Gear, Steam Yes. Steering Gear, Hand Yes.

Boats 2 Subboats, Dinghy Steering Chains, Size and Test 28<sup>h</sup>. 14775Kg. 29550 Windlass Clarke Chapman.

Ceiling in Holds, thickness and material 2 1/2". Pine. (68) Cargo Battens, thickness, material and spacing 150x50, Pine, 176<sup>h</sup>.

Cargo Hatchways.—(Upper Deck) Steel crammings and angles. Thickness of Hatches 7 1/2<sup>h</sup>. Pine.

Size of No. 1 Hatchway (Forward) 8753x5440 No. 2 8340x5440 No. 3 8168x5440 No. 4 7768x5440 No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters No 1-5; No 2-5; No 3-5; No 4-5.

Builder's Signature P. Peaslee *Worms & Co. La Soutaine General*

**GENERAL DECLARATION** This vessel has been built in accordance with the approved plans and the Secretary's letters from the 25<sup>th</sup> September 1925 to 22<sup>nd</sup> November 1926, and in conformity with the Society's Rules and Regulations.

The workmanship and material are good.

All the double bottom tanks, the peak tanks and the fresh water tanks at break of R.A.D. have been tested and found satisfactory.

The decks, bulkheads, tunnel and w.t. door have been stress-tested and found satisfactory.

The steering gear, windlass and winches have been tested under steam.

The following approved plans are enclosed:—midship section, profile and decks, keel and stem frame, strengthening of forward end for ice, Engine Seating and Pumping Arrangements (6 plans). These plans are required in this Office for dealing with the sister ship now building.

The amount of Entry Fee .....		Fees applied for, 670.		Received by me, 24.11.1926	
Special Survey Fee .....		21,548		with the special notation "Strengthened for Navigation in Ice."	
Int. Cert. .....		700		Signature <i>Colin Bartlett</i>	
Travelling Expenses, .....		3200		Surveyor to Lloyd's Register of Shipping.	
State whether the Vessel has been built under Special Survey .....		Yes.		for Norman V. Kirkley and self ex.	
Certificate sent to, Rouen Office		Date of issue 7/12/26.			
Committee's Minute		TUES. 7 DEC 1926			
Character assigned		100A1			
		Lloyd's A.C.P. L.M.C. 11: 26			
		Note: "Strengthened for Navigation in Ice."			
		FRI. 25 FEB 1927			
		TUES. 8 DEC 1927			



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.)

Plans as built of Midship Section, Profile and Decks are enclosed { 2 plans }.

The Launching form is enclosed.

Copy of interim certificate is enclosed.

3 Certificates for Stemframe, Rudder and stem are enclosed { The certificate for stem also covers stem for sister ship building.

The moulded draught given in the Report is that in conformity with the freeboard as assigned by the Norske Veritas.

C.B.

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

1st Bower 1,000 Kgs: A.B. 4248. 13.9.26  
2nd " 990 Kgs: A.B. 4247. 13.9.26  
3rd " 975 Kgs: A.B. 4243. 24.8.26.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 17.3 ft., R.Q.D. 74.1 ft., Bridge 55.6 ft., Forecastle 27.0 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1. Steel.

Official No.

; Signal Letters

Is bottom of Vessel coated with cement yes. if not give

particulars of composition

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	61.	133.	Fore peak tank,	17.	66
Double bottom, under Engines and Boilers,	—	—	After peak tank,	17.	71
Double bottom, if under Engines only,	17.	44	Deep tank, aft,	—	—
Double bottom, if under Boilers only (Dry Tank)	19	—	Deep tank, forward,	—	—
Double bottom, forward,	96	202	Other tanks, if fitted,	—	—
	Total capacity of double bottom	379.			

(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. ✓

Date. ✓

Dates of Surveys held while building

1925, Dec 22, 24. 1926 Jan. 8, 14. Feb. 18. March 3, 9, 18, 30. April 1, 7, 14, 19, 23, 30. May 1, 7, 19. June 4, 7, 8, 11, 14, 17, 23. July 15, 27. August 6, 12, 18, 20, 23, 25, 27, 30. Sept 1, 2, 7, 10, 13, 16, 17, 20, 23, 27, 30. Oct 4, 6, 11, 15, 27, 30. Nov. 2, 5, 9, 12, 15, 17, 19, 22, 23, 25.

Total No. of Visits 62.