

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 19th Dec. 39 When handed in at Local Office 20th Dec. 39 Port of Malmö
 No. in Reg. Book. 33962 Survey held at Helmingborg Date, First Survey 3rd Nov. Last Survey 6th Dec. 1939
 on the Wood, Iron or Steel S/S "SONJA" (No. of Visits) 14

TONNAGE:— Built at Helmingborg By whom Helmingborgs Varfs Aktiebolag When 1923-3 mrs.
 GROSS 1828 Owners A. P. Thorsmarin Owners' Address Helmingborg
 UNDER DK. 1571 Managers S. Redig Port belonging to Helmingborg
 NET 1038

Surveyed Afloat or in Dry Dock? Both Name of Dock Helmingborgs Slada Destined Voyage

WB=CellDBorDBa feet; uE&B feet; f feet
 total capacity tons. FPT tons; APT tons; MT feet tons.
 N.B.—All alterations in the existing records should be underlined.

Last Report, No. 2743 Port Bow

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned and expired.	Machinery and Boiler Surveys (including date of N.B., in any).
10091-4.39		4MC 4.39
S.S. Hbg. No. 2-335		
S.S. Hbg. No. 1-39		TS(09) N 7.38
Cargo Blus not fitted		

(Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules and items remaining to complete the Surveys should be summarised. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be summarised in the form shown below. Whenever the replacement of Anchors or Chains is reported the particulars should be clearly stated in the space provided on the back of this form. State also the dates and initials of any letters respecting this case.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose and to whom and why they were declined ☒

Society's Freeboard (if assigned) as painted on Ship and now verified ☒ ft. ☒ ins.

Was a damage report made by anyone else? If so, by whom? ☒

REPAIRS, OR EXAMINATION AS PER RULE, FOR

- Damage stated to have been caused by—
 I:- Collision with bridge at Västervik on the 21st April, 1939.
 II:- Collision with a vessel in Barron. in. Surmo on the 29th June, 1939.
 III:- Grounding on a voyage Stockholm - Larne - Barron. in. Surmo on the 5th Oct. 1939.

Vessel placed in dry dock, bottom, stern frame and rudder examined and coated after repairs effected.

Aftermost keel plate and sole piece of stern frame specially examined and found satisfactory.

P.S.O.

SUMMARY OF DAMAGE REPAIRS:—	Shell Plates.	Frames.	R. Frames.	Floors and Bracket Floors	Beams.	Inner Bottom Plates.	Dk. Plates.	Other Items:—
Renewed	51	112 (also ply)		60 (also ply)				
Removed and Fair'd or Repaired	29	74		47				
Fair'd or Repaired in place	21	175		95				

PRESENT CONDITION OF THE

Decks <u>Good</u>	State if Tanks have been examined inside <u>yes</u>	Air and Sounding Pipes <u>Good</u>	Copper, or Y.M. of Wood Vessels (State if on felt.)
Caulking of Decks <u>"</u>	State if Tanks now tested <u>"</u>	Dbing. Plates under Sounding Pipes <u>"</u>	When put on, Month <u>Year</u>
Coamings <u>"</u>	Bulkheads <u>"</u>	Engine Room Skylights <u>"</u>	Boats <u>Good</u>
Beams & Fastenings <u>"</u>	Ceiling <u>"</u>	Coal Bunkers, Open'gs, Lids, &c. <u>"</u>	Masts, Yards, &c. <u>"</u>
Outside Plating <u>"</u>	Cement or Asphalt (State which.) <u>"</u>	Oil Bunkers <u>"</u>	Condition, how ascertained <u>From deck</u>
" " in way of sidelights <u>Good</u>	Rudder <u>"</u>	Scuppers <u>Good</u>	(State if wedges removed) <u>No</u>
Breasthooks <u>"</u>	Steering gear and its connections <u>"</u>	Cargo Hatchways <u>"</u>	Sails <u>"</u>
Transoms <u>"</u>	Windlass <u>"</u>	Hatches <u>"</u>	Equipment letter <u>7</u>
Frames <u>"</u>	Have pumps now been examined and found efficient? <u>yes</u>	Planking of Wood Vessels <u>"</u>	Anchors, No. of <u>3</u>
Reverse Frames <u>"</u>	Have Sluice Valves now been examined and found efficient? <u>None</u>	Caulking ditto <u>"</u>	Chain Locker <u>Good</u>
Longitudinals <u>"</u>	Have Watertight Doors now been examined and found efficient? <u>yes, but not tried</u>	Treenails ditto <u>"</u>	Cables (State if now ranged) <u>yes</u>
Transverses <u>"</u>	Have Ventilators and their Coamings been examined and found efficient? <u>yes</u>	Breasthooks & Stemson ditto <u>"</u>	" length <u>240 ft.</u> mean diam. <u>1/10-12"</u>
Floors <u>"</u>		Transoms Pointers, & Crutches ditto <u>"</u>	" Rule length <u>240 ft.</u> size <u>1 1/2"</u>
Keelsons <u>"</u>		Timbers of Frame at openings ditto <u>"</u>	Hawser & Warps <u>"</u>
Stringers <u>"</u>		Ditto Ditto at other places ditto <u>"</u>	Standing and Running Rigging <u>"</u>
Inner Bottom Plating <u>"</u>		Stringers, Clamps & Shells ditto <u>"</u>	
		Salting ditto <u>"</u>	
		(State if examined.)	

General Observations, Opinion as to Class, Recommendation, &c.:

State clearly whether any and, if so, what alteration is suggested to be made in the existing classification and notification of the vessel in the Register Book consequent upon this survey, thus, for example:—"to remain as now classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1,24," or "to remain as classed and to have record of survey, 1,24, and the notations of ss No. 1-24.

This vessel is eligible, in my opinion, to remain as classed in the Register Book with fresh record of survey Hbg. 12.39, subject to a stream anchor of proper size, test and weight being supplied, but without special condition re. aftermost keel plate and sole piece of stern frame.

Survey Fee (per Section 20)	£	Fees applied for, 20 th Dec. 1939
Special Damage or Repair Fee (if any) (per Sec. 20)	4 Kr. 1200.00	Received by me, 19
Travelling Expenses (if chargeable)	4 Kr. 127.25	
Second Surveyor's Fee (if any)	£	

Committee's Minute

Character Assigned

FRI 19 DEC 1940

100% Subject
Cargo tanks not fitted

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



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Lloyd's Register

Edinburgh (60114)

S/S "SONJA", No. 33962 in the Register Book.

Bracket floors Nos. 38, 40, 41, 43, 49, 50, 52, 53, 55, 56, 60, 61, 63, 79, 80, 82, 83, 88, 89, 91, 94, 95, 97, 98, 100, 101, 106, 107, & 114 faired in place.

Intercostals, stbd. side:-

Nos. 19-37 removed.

" 38-59 removed, faired and replaced.

30 angles to shell removed.

Port side:- 10 angles to shell removed.

Centre girder:- The centre girder faired in places, angles to shell faired in place and riveted as required.

Tank margin plate etc. stbd. side:-

Margin plate between frames 43-54 removed.

" " " " 18-34 removed, faired and replaced.

Angle to shell plating between frames 18-78 removed.

37 vertical angles to tank side brackets removed and 15 ditto removed, faired and replaced.

Bracket angles Nos. 11, 14, 17, 29, 41, 43, 45, 47, 49, 51 & 53 removed, faired and replaced.

Port side:-

Margin plate between frames 57-77 removed.

" " " " 28-40 & 96-101 removed, faired & replaced.

Angle to shell " " 57-77 & 96-101 removed.

" " " " 28-40 removed, faired and replaced.

8 vertical angles to tank side brackets removed and 19 ditto removed, faired and replaced.

Bracket angles Nos. 11 & 19 removed, faired and replaced.

Main frames and tank side brackets, stbd. side:-

Main frames Nos. 40-52 cropped and partly removed.

" " " 53 & 54 " removed, faired and replaced.

" " " 10-39, 55-78 & 84-98 faired in place.

Tank side brackets Nos. 40-52 removed.

" " " " 53 & 54 removed, faired and replaced.

" " " " 10-39, 55-78 & 84-98 faired in place.

Port side:-

Main frames Nos. 40-43, 50, 61-76, 90, 91 & 93 cropped & partly removed.

" " " 39, 56, 57, 60, 97, 98 cropped, removed, faired & replaced.

" " " 11-38, 45-49, 51-53, 92, 95, 96, 102 & 103 faired in place.

Tank side brackets Nos. 40-43, 50, 56, 57, 61, 62, 64, 67-76 removed.

" " " " 39, 60, 63, 65, 66 & 97 removed, faired & replaced.

" " " " 36-38, 43-49, 51-55, 58, 59, 77-96, 98, 102 & 103 faired in place.

All cropped frames, floors etc. joined by means of electric welding.

(To be continued)

Mabro

S/S "SONJA", No. 33962 in the Register Book.

The tank line piping repaired and tested, air and sounding pipes made good.

All bottom tanks, fore and after peak tanks have been tested with water pressure. Shell plating clear of tanks tested with water from a hose.

All bottom tanks, fore and after peak tanks, scaled, cementwashed or oiled and bottom cement removed as required. Cement in bilges removed as required.

All ceiling in holds removed, tank tops and sides cleaned, oiled and cementprimed and ceiling refitted and relaid after repairs effected. About 35% new.

Cement chocks at ship's sides removed as required.

Rudder lifted, 1 pinthe removed and 2 gudgeons relubricated.

The steam steering engine, steering chains, rods, blocks, quadrant etc. examined.

4 block bolts and 4 rod bolts removed.

The anchors examined. The stream anchor found missing. Chain cables ranged and examined.

A number of slack studs refastened.

The windlass examined.

The second pinion refastened on shaft and piston rings removed.

It is recommended that the missing stream anchor being replaced by a new anchor of proper size, test and weight.

A. Boring.