

Rpt. 8

Port of Stockholm.

No. 12644.

Date of writing Report 17.6.60.

When handed in at Local Office

Received London

Survey held at Stockholm.

No. of Visits 7

First Date 28.3.1960

Last Date 23.4.1960

REPORT OF SHIP SURVEYS AND REPAIRS

(The Surveyor's attention is drawn to the relevant requirements of Chapters B & C of the Rules.)

WRECK SECTION

No

No. in R.B.

24679

on the Iron or Steel S.S. M.S.

"ORION"

Tons gross 2012

Built at Hoboken

By Whom Antwerp Eng. Co. Ltd.

When Year 1924 Month 10

Owners Rederi AB Iris

Owners' address (If not already in R.B.)

Managers C.H. Abrahamsen

Port of Registry Stockholm.

Surveyed Afloat or in Drydock Both

Name of Dock Finnboda

Date of last examn. in Drydock 22.4.60.

N.B.—Any alterations in existing particulars in the Register Book should be reported and underlined.

Last Report: No. 18246 To be filled in at Head Office.

Port

Particulars of Classification (which must be inserted precisely as in Register Book and Supplement)

Surveys must be reported in the terms of the Rules. The nature and extent of Examinations and Repairs (if any) must be stated in detail, the parts examined and their condition being clearly indicated. For Annual, Special or other Condition Surveys the Summary of Examination and Condition on the back of the Report is to be carefully completed and amplified if necessary in the body of the Report. Outstanding items to complete the Survey should be summarised at the end of the Report. The reasons for Repairs must be stated. Repairs on account of Damage (the alleged 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 below. When, at a Special Survey, the Shell and Deck Plating is drilled the results must be reported on Report 8(Dr). Whenever Anchors or Chain Cables are replaced or retested the necessary particulars are to be given on Report 8(Eq) which is to be attached to this Report.

SHIP'S CLASS Date of Special and of Drydocking Surveys, etc.	Machinery
+100A1 6,59	+LMC 5,56
SS 10,56(Dr)9,48	MBS 6,59
	TS(CL)6,59
	Sps 10,56

Give dates and references to any letters relating to this Report.

In damage cases where the Surveyor has not made a special damage report he should state whether he offered

his services for this purpose and to whom and why they were declined

Freeboard as marked on ship and now verified ft. ins

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

EXAMINATION AND REPAIRS AS PER RULE FOR DAMAGE AND DOCKING SURVEY.

Damage stated to have been sustained in ice while on voyage Sundarne to Härnösand on 19th and 20th February, 1960.

Rudder stock had been twisted and had been heated and faired in place when the vessel lay afloat at Härnösand.

NOW DONE:-

Rudder stock removed and taken to Messrs. Turbin AB de Laval Ijungström for heat treatment (stress relieved).

Afterwards the stock was examined, ultra sonic and magnaflux tested and so far as could be seen, was found to be free from defects.

Keyway of stock was adjusted and rudder and stock re-aligned.

Faces of couplings smoothed flat, holes re-bored and 6 new coupling bolts fitted.

Steering chains were removed, overhauled and re-fitted.

Quadrant faired and generally overhauled and made good.

On completion of repairs rudder and steering arrangements tried under working conditions and found satisfactory.

A number of other minor repairs to bottom and side shell, rudder, bulwark and deckhouse supports were effected at this time.

CONTINUATION OVER/OR SHEET 2

SUMMARY OF DAMAGE REPAIRS	Shell Plates	Frames	R. Frames	Floors and Bracket Floors	Inner Bottom Plates	Deck Plates	Beams	Other Items
Renewed								See body of reports.
Removed and Faired or Repaired								
Faired or Repaired in place								

Has a Survey also been held on machinery of the Ship? Yes

Is Classification Certificate required? If so, to be sent to No.

If so, is the Report sent now, or when will it be sent? Now

Has Interim Certificate been issued? Yes.

GENERAL OBSERVATIONS, OPINION AND RECOMMENDATION AS TO CLASS

State clearly what alteration, if any, is suggested to be made in the existing Classification or Survey or other records of the Ship in the Register Book consequent upon this survey; for example:— "to remain as Classed in the Register Book without fresh record of Docking"; "to remain as Classed and to have record of drydocking 1,55"; or "to remain as Classed and to have record of drydocking 1,55, and the notation of S.S. . . . 1,55".

This ship, so far as now surveyed, is eligible, in my opinion to remain as now classed (viz.+100A1) with fresh record of Docking Survey 4,60, subject to outstanding conditions being dealt with as previously recommended, but without condition regarding the above damage.

F. Lind

Surveyor to Lloyd's Register of Shipping

Date of Committee

THURSDAY 21 JUL 1960

Minute

DS 4.60 without spl cdr
TS 4.60 MBS 4.60

Noted for Header



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with SK (Lind)

003200-003207-0104

TABLE 1

PARTS OF THE SHIP AS INDICATED BELOW HAVE BEEN EXAMINED FOR SURVEY

Items	Now Examined		Tanks	Now Examined Internally	Now Tested
	YES	NO or NONE			
Shell plating, sternframe and rudder cleaned, examined and recoated in drydock	Yes		F.P. Tank	No	No
Rudder lifted	Yes		A.P. "		
Weather Decks, Superstructures and Casings	Yes		D.B. Tanks (indicate Oil Fuel and Cofferdams)		
Hatchways, Covers, closing and securing appliances	Yes				
Ventilator coamings, skylights, companionways and closing appliances	Yes				
Holds (All)	Yes		Fresh Water Tanks		
			Deep Tanks		
Tween Decks (All)	Yes		Oil Fuel Bunkers and Settling Tanks		
			Side Tanks		
Fore Peak Spaces	No		Wing Tanks		
After " "	Yes		Other Tanks		
Engine Space	Yes				
Boiler " (partly)	Yes		Cargo Tanks (Tankers)		
Under Engines and Boilers	No				
Tunnel and Well	Yes		Cofferdams		
Coal Bunkers	No				
Chain Locker	No		Pump Rooms		
Other Spaces	-				
Have Tanks now Examined been Cleaned as Necessary?					
Have Struts in Cargo Tanks (of Tankers) been removed?					
Have Tanks been Retested as necessary after completion of any Repairs?					

Have the spaces now surveyed been cleared and cleaned as necessary?

Have the close ceiling and cargo battens, linings, pipe casings, etc., been removed and replaced as required by the Rules?

Have the bilges been cleaned out and examined?

Has cement in bottom been examined?

Has steelwork had rust removed and afterwards been recoated as necessary?

Were inspection plugs or any insulation removed in insulated spaces for examination of steelwork?

Has a Load Line Survey been held? If so, state which

Have the shell and deck plating been drilled as per Rule? If so, Report 8(Dr) to be attached

Have any alterations to the approved scantlings and arrangements now been effected? If so, report details in body of Report.

NOTE:—Indicate which compartments and/or tanks have been examined or tested by giving the identification numbers and inserting the word "Yes", e.g. Holds: Nos. 1, 2 & 3—Yes; or All—Yes.

TABLE 2

The present condition of the following parts in so far as examined is to be reported:—

Shell plating	Good	Ceiling and Cargo Battens	Part examd. Good	Sluice Valves examined and found	None
" " in way of side scuttles	Not examd.	Cement on Asphalt	" " "	Air and Sounding Pipes	Above deck Good
Rudder and Sternframe	Good	Cargo and other Hatchways	Good	Doubling Plates under Sounding Pipes	Not exd.
Decks	Good	Hatches and closing appliances	Good	Masts and Rigging examined and found	" "
Superstructures and their closing appliances	Good	Ventilators, their coamings and closing appliances	Good	Condition, how ascertained (State if wedges removed)	-
Coamings and Casings	Good	Companionways and Skylights	Good	Chain Locker	Not exd.
Beams and Fastenings	Part exd. Good	Shell Openings	None	EQUIPMENT	
Frames	" " "	Ash Shoots	Good	Equipment Letter	
Reverse Frames	" " "	Overboard Discharges and Scuppers	Good	Anchors, No. of 3 B Condition	Good
Longitudinals	None	Freeing ports	Good	Cables (State if now ranged and examined)	
Transverses	"	Steering Gear (Main and Auxiliary) examined and found	Good	" length stated (on board) mean diam.	
Floors	Not exd.	Windlass examined and found	Good	" Rule Length to be Size	
Keelsons	" "	Pumps " " "	Not exd.	Hawsers and Warps	complete
Stringers	" "	W.T. Doors " " "	" "	State if any Anchors or Chain Cable have now been supplied or retested, if so complete Report 8(Eq) and attach.	
Inner Bottom Plating	Part exd. Good				
Bulkheads and Tunnel	" " "				

Have conditions (A) or endorsements (B) of Class (if any) been dealt with? "A" & "B" None See Below

REMARKS, REPAIRS, Etc. (Contd.)

Survey Fee Kr. 95:--
 Special Att. Fee Kr. 70:--
 Special Damage or Repair Fee (if any) Kr. 250:--
 Travelling Expenses (if chargeable) Kr. 21:--

Second Surveyor's Fee (if any)
 Date when A/c. Rendered

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 17.6.60.