

Date of writing Report **23/9/57.** When handed in at Local Office Received London **2 OCT 1957**
Survey held at **Preston.** No. of Visits **2** First Date **16/9/57** Last Date **18/9/57**

REPORT OF SHIP SURVEYS AND REPAIRS

WRECK SECTION
No. _____

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

No. in R.B. **13914** on the Iron or Steel M.S. **S.S. "HORNO"** Tons gross **1493**
Built at **Bergen.** By Whom **Bergens M/V** When **1916**
Owners **Rederi A/B Norrland.** Owners' address (If not already in R.B.)
Managers **Axel F. Andersson.** Port of Registry **Harnosand.**
Surveyed Afloat or in Drydock **Afloat.** Name of Dock **Preston Dock.** Date of last examn. in Drydock

N.B.—Any alterations in existing particulars in the Register Book should be reported and underlined.
Last Report: No. **32640** Port **dat**
To be filled in at Head Office.

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		Machinery	
Date of Special and of Drydocking Surveys, etc.			
100 Al.	2,57	LMC.	
SS. Skm. (Dr)	5,54.	ES.	5,54
		MBS.	4,57
		OG.	8,56
		SPS.	5,54.
			ND.

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. **Yes** Freeboard as marked on ship and now verified **Not** ft verified
Not required Was a damage report made by anyone else? If so, by whom? **Yes - Underwriters Surveyors.**

EXAMINATION AND REPAIRS AS PER RULE FOR **DAMAGE.**
attended at request of Owners representative to examine damage stated sustained by collision with M.V. "KAREN HORDEN" at 3 P.M. on 15/9/57 in River Ribble, whilst vessel proceeding to Preston from Manchester. For further particulars please see log books.

Damage in way of foc'sle (ps).
WORK DONE FOR DAMAGE : - Foc'sle sheerstrake plates No 1 and 2 (ps) - upper landing set in together with shell connecting angle .
Foc'sle deck stringer plate (ps) - set down and buckled at shell connecting angle.
Foc'sle wood deck (ps) - disturbed in way of above, (5 strakes).
Stembar - upper 4 feet set back, and fashion plate (ps) in way buckled and torn.
Stem breasthook (for foc'sle fashion plates) - buckled and torn.
TEMPORARY REPAIRS : - Foc'sle deck stringer gutterway (ps) now fitted as an efficient full length cement box.
Foc'sle fashion plate (ps) - after torn end now cut off and 1 deck stanion and 3 rails fitted satisfactorily.
Breasthook removed and a new one fitted to suit distorted fashion plate.
Sprung rivets E/W as necessary, wood decking and stem plating caulked as necessary.
All repairs examined on completion and found satisfactory.

CONTINUATION OVER/

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

Has a Survey also been held on machinery of the Ship? **No** Is Classification Certificate required? If so, to be sent to **No**
Is the Report sent now, or when will it be sent? **-** 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 vessel as now seen is in good condition and eligible in my opinion to remain as now classed without fresh record of D.S. subject to stem and foc'sle plating (ps) being permanently repaired at the next Special Survey, and as previously recommended to set up shellplating and buckled floors & etc., in way of No 2 Tank (ps) and to shellplating in E.F. and G strakes (psf) being permanently repaired at the next Special Survey.

E. J. Atkins
Surveyor to Lloyd's Register of Shipping

LIVERPOOL -1 OCT 1957

As now amended subject
for Header

TUESDAY 26 JAN 1960

Delete **LU50 5,58** & insert **Writs Skm "Surveys overdue plus suspended 6,59" 5,58**

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TABLE 1

PARTS OF THE SHIP AS INDICATED BELOW HAVE BEEN EXAMINED FOR DAMAGE (TEMPORARY REPAIRS). 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			F.P. Tank		
Rudder lifted			A.P. "		
Weather Decks, Superstructures and Casings			D.B. Tanks (indicate Oil Fuel) and Cofferdams		
Hatchways, Covers, closing and securing appliances					
Ventilator coamings, skylights, companionways and closing appliances			Fresh Water Tanks		
Hold			Deep Tanks		
			Oil Fuel Bunkers and Settling Tanks		
Tween Decks			Side Tanks		
			Wing Tanks		
Fore Peak Spaces			Other Tanks		
After " "			Cargo Tanks (Tankers)		
Engine Space					
Boiler			Cofferdams		
Under Engines and Boilers			Pump Rooms		
Tunnel and Well					
Coal Bunkers					
Chain Locker					
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?		

Survey confined to Damage.

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	Ceiling and Cargo Battens	Sluice Valves examined and found
" " in way of side scuttles	Cement or Asphalt	Air and Sounding Pipes
Rudder and Sternframe	Cargo and other Hatchways	Doubling Plates under Sounding Pipes
Decks	Hatches and closing appliances	Masts and Rigging examined and found
Superstructures and their closing appliances	Ventilators, their coamings and closing appliances	Condition, how ascertained (State if wedges removed)
Coamings and Casings	Companionways and Skylights	Chain Locker
Beams and Fastenings	Shell Openings	EQUIPMENT
Frames	Ash Shoots	Equipment Letter
Reverse Frames	Overboard Discharges and Scuppers	Anchors, No. of Condition
Longitudinals	Freeing ports	Cables (State if now ranged and examined)
Transverses	Steering Gear (Main and Auxiliary)	" length mean diam. (on board)
Floors	examined and found	" Rule Length Size
Keelsons	Windlass examined and found	Hawsers and Warps
Stringers	Pumps " " "	State if any Anchors or Chain Cable have
Inner Bottom Plating	W.T. Doors " " "	now been supplied or retested, if so,
Bulkheads and Tunnel		complete Report 8(Eq) and attach

Have conditions (A) or endorsements (B) of Class (if any) been dealt with? NO See Below

REMARKS, REPAIRS, Etc. (Contd.) It is recommended that the damage to stem and foc'sle plating (ps) be attended to as necessary at the next Special Survey, and considered to be efficient meantime.

Antwerp Report No. 32078 of 12/2/57. " Subject to set up shell plating and buckled floors & ect in way of No 2 D.B. tank (ps) and to set in shellplating in E.F. and G strakes (psf) being permanently repaired at the next Special Survey "

Nothing done at this time.

Survey Fee _____

Special Damage or Repair Fee (if any) £8-8-0

Travelling Expenses (if chargeable) 12/-

Second Surveyor's Fee (if any) _____

Date when A/c. Rendered _____

