

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 15th JUNE 1939 When handed in at Local Office 13.6.1939 Port of BREMEN

No. in Survey held at BREMEN Date, First Survey 2nd JUNE Last Survey 12th JUNE 1939
Reg. Book. (No. of Visits FOUR)

Work on the ~~Wood, Iron or Steel~~ of STEAMER "BORBECK"

TONNAGE:- Built at BELFAST By whom WORKMAN, CLARK & CO. LD. When 1923 9
GROSS 6002 Owners FRIED. KRUPP A.G. Owners' Address
UNDER DEK. 5767 Managers FRIED. KRUPP REED EN TRANSPORTBEDRIJF Port belonging to BREMEN
NET 3100

Surveyed Afloat or in Dry Dock? IN DRYDOCK Name of Dock A.G. "WESER" Destined Voyage NARVIK (NORWAY)

WB=CellDBorDBa feet; uE&B feet; f feet
total capacity tons. FPT tons; APT tons; MT feet tons.

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

N.B.—All alterations in the existing records should be underlined.
If the Vessel has Water Ballast Tanks, state whether the manhole covers have been removed, and the insides of the tanks examined. Also state the amount of deterioration (if any) found in the thicknesses of the floors, framing, girders, and of the inner bottom plating, especially in the boiler space.

CHARACTER, &c. for Special Survey, Date of last survey and of Periodical Surveys.	Year Assigned and expired.	Machinery and Boiler Surveys (including date of N.B., if any).
* 100 A1		* LMC
SHelter DK. WITH FREEBOARD 6.38		MS 3.37
SS. KEL. No 3-3.37		BS M.37
		TS (CL) N 3.37

Last Report, No. 28140 Port BREMEN

(Periodical surveys, when held, must be reported in detail and serially in the terms of the Rules. 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. H. OF 10.6.39

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. DAMAGE REPORT

Society's Freeboard (if assigned) as painted on Ship and now verified

NOT REQUIRED. Was a damage report made by anyone else? If so, by whom? YES, BY UNDERWRITERS SURV.

REPAIRS, OR EXAMINATION AS PER RULE, FOR DAMAGE stated to have been caused by collision with duc d'alben in Rotterdam harbour on the 23rd April, 1939, while entering the port with cargo of iron ore from Narvik.
Now done: Vessel placed in drydock, the bottom and rudder cleaned, examined and recoated. Ventilator & hatchway coamings examined, also steel hatch covers, and found good. Exam. steering gear and windlass and found in order.

Damage Repairs: Port Side Hull Plating:
Upperdeck then stroke K Nos. 10 & 13 removed, faired and refitted
" " " K No. 12 faired in place
Stroke next below J Nos. 11 & 13 removed, faired and replaced P.T.O.

SUMMARY OF DAMAGE REPAIRS:-	Shell Plates.	Frames. (PARTLY)	B. Frames.	Floors and Bracket Floors	Beams.	Inner Bottom Plates.	Dk. Plates.	Other Items:-
Renewed	✓	✓	✓	✓	✓	✓	✓	1 SIDE TANK BOTTOM PLATE
Removed and Faired or Repaired	5	10	✓	✓	✓	✓	✓	
Faired or Repaired in place	1	2	✓	✓	✓	✓	✓	

PRESENT CONDITION OF THE	State if Tanks have been examined inside } Good	Air and Sounding Pipes..... ✓	Copper, or Y.M. of Wood Vessels (State if on Felt). Year.
Decks..... GOOD	✓	Dblng. Plates under Sounding Pipes ✓	When put on, Month..... Year.....
Caulking of Decks..... -"	✓	Engine Room Skylights..... GOOD	Boats..... GOOD
Coamings..... -"	✓	Coal Bunkers, Open'gs, Lids, &c..... ✓	Masts, Yards, &c..... -"
Beams & Fastenings..... ✓	✓	Oil Bunkers..... ✓	Condition, how ascertained. FROM DECK
Outside Plating..... GOOD	✓	Scuppers..... ✓	(State if wedges removed) ✓
" " in way of sidelights..... ✓	✓	Cargo Hatchways..... GOOD	Sails..... ✓
Breasthooks..... ✓	✓	Hatches..... -"	Equipment letter..... a+
Transoms..... ✓	✓	Planking of Wood Vessels..... ✓	Anchors, No. of..... 3+1
Frames & FAR AS SEEN GOOD	✓	Caulking..... ditto..... ✓	Chain Locker..... ✓
Reverse Frames..... ✓	✓	Treenails..... ditto..... ✓	Cables (State if now ranged) NO
Longitudinals..... ✓	✓	Breasthooks & Stems ditto..... ✓	AN STATED COMPLETE AND
Transverses..... ✓	✓	Transoms Pointers, & Crutches ditto..... ✓	" length..... mean diamr.
Floors..... ✓	✓	Timbers of Frame at openings ditto..... ✓	(on board) 2 3/4 size 2 1/2"
Keelsons..... ✓	✓	Ditto Ditto at other places ditto..... ✓	" Rule length..... 2 3/4 size 2 1/2"
Stringers..... ✓	✓	Stringers, Clamps & Shelves ditto..... ✓	Hawser & Warps..... GOOD
Inner Bottom Plating..... ✓	✓	Salting (State if examined.) ditto..... ✓	Standing and Running Rigging..... -"

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 and ptND24, &c."
This vessel so far as now seen is in a sound and efficient condition eligible in my opinion to remain as classed "100 A1 Shelterdeck with Freeboard" in the Soc. Reg. Book and to have fresh record of survey 6, 39.

Survey Fee (per Section 20)	Special Damage or Repair Fee (if any) (per Sec. 20)	Travelling Expenses (if chargeable)	Second Surveyor's Fee (if any)	Fees applied for, 13.6.1939	Received by me, 19
£	RM 150,-	RM 5,-	£		

Committee's Minute
Character Assigned 100 A1 Spl. Cond. 6.39
Shell. Dk. with Cargo tanks not fitted



2nd Stroke below Upperdeck Sheer Stroke H^o 13 removed, faired & replaced.
Internal Damage Repairs: 2 hold frames cropped, upper parts removed, faired and refitted, butts E.W. and strapped, top brackets removed, faired and refitted, 2 hold frames faired in place, 8 tank frames in way of topside tanks Nos 3 & 4 removed, faired and refitted, 8 bracket floors in same topside tanks removed, faired and refitted; 1 topside bottom plate repaired in place and a doubling plate fitted, margin angle partly removed, faired and refitted. Top side tanks Nos. 3 & 4 cleaned and asphalted, filled with water and tested and found tight and good.

N.B.—If this Report is copied by Copying Press, special care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

When Anchors or Cables are supplied, the particulars are to be reported in the following form:—

ANCHORS.

Number of Certificate.	Anchors.*	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST PER CERTIFICATE.			WEIGHT REQUIRED BY RULE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons	Cwts.	qrs.	lbs.	Cwts.	qrs.			
	1st Bower ...															
	2nd "															
	3rd "															
	Collective Weight.															
	Stream															
	Kedge.....															

* When a bower anchor is supplied it must be clearly stated whether it is a 1st, 2nd, or 3rd bower.

CHAIN CABLES.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and size per Rule.		Description.	Makers of Cables.	When and where tested and Superintendent.	
	Length.	Diam.	Statutory.	Breaking.	Supplied.		Per Rule.		Length.	Diam.				
					Fathoms.	Ins.	Tons.	Tons.						Cwts. qrs. lbs.

Certificate "B" attached here.