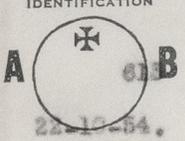


AMERICAN BUREAU OF SHIPPING

22 October 1954.

DATE

PORT NO. 54 AN510-	REPORT ON repaired reinforced rudder.	PORT OF Antwerp-Belgium.
CERTIFICATE NO. 54 AN510-X		SHIPYARD HULL NO.
DESIGNATION	INTENDED FOR XXXXXXX repairers.	WORKS NO.
SHIPBUILDER Merc. Mar. Eng. & Graving Docks Co.	ENGINE OR BOILER BUILDER	SERIAL NO.
STAMPED FOR IDENTIFICATION  22-10-54.	OWNER	OWNER'S CONTRACT NO.
ACCEPTED DATE 22-10-54.	PURCHASER	PURCHASER'S ORDER NO.
MATERIAL TESTED	MANUFACTURED BY repaired XXXXXXX Merc. Mar. Eng. & Graving Docks Co.	MANUFACTURER'S NO.
FINISHED OR STRESS RELIEVED	FOR (STATE STRUCTURE OR TYPE) Liberty type rudder.	WEIGHT
TESTING P. (IF ANY)	PROCESS OF MANUFACTURE	INVOICE NO. (IF ANY)
	DRAWING NO. AND DATE APPROVED	W. P. (IF ANY)

This is to certify that the undersigned Surveyor to this Bureau did at the request of Merc. Mar. Eng. & Graving Docks Co - S.A. attend their plant at Antwerp- Belgium. on the 6th day of September 19 54 and subsequent dates in order to examine and report on repaired used rudder- , repaired XXXXXXX manufactured according to approved plans and to the Rules of this Bureau.

Details of construction: ~~XXXXXXX~~ repairs.

- 1) Rudder tube tested at 400 p.s.i. and found in order.
- 2) Slightly irroded parts on rudder sideplating and bottom plate were ground and welded up.
- 3) Several leaking diaphragm welds were veed out and rewelded.
- 4) Port side, lower side plate, in way of trailing edge, a small inserted plate was fitted and welded.
- 5) Rudder journal machined, a stainless steel sleeve in two halves was shrunk on and welded. Afterwards journal machined to original diameter, in line with centerline of tube, was found in satisfactory condition.

Stamped: 54 AN510- M.M.E.
AMB. -615- P.W.
22-10-54.

Hydrostatic tests:

Side plating: 16 p.s.i.

31 MRT 1955

1st Visit..... 6 Sept	Last Visit..... 22 Oct, '54.
Fees..... B.f. 3,000	No. of Visits..... 3
Expenses..... 300	Time Involved.....
TOTAL..... B.f. 3,300.-	



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Wauters

P. Wauters, Surveyor

Chief Surveyor

Lloyd's Register Foundation

This Report is issued subject to the condition that it is understood and agreed that neither the Bureau nor any of its Committees is under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by this Bureau or its Surveyors or in any entry in the Record or other publication of the Bureau or for any error of judgment, default or negligence of its Officers, Surveyors or Agents,