

T.S.M.V. "DANUBE SHELL II" - Messrs. Ganz & Co., Budapest, No. 1430.

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Mr. Costantini, the Society's Senior Surveyor at Trieste, forwards his First Entry Report on this vessel and in a covering letter states that the Rule requirements regarding the testing of certain rudder parts have not been complied with. He encloses correspondence which has passed between himself, Messrs. Ganz & Co., Budapest, Messrs. Th. Hitzler, Regensburg, Mr. Ormiston, the Society's Principal Surveyor for Italy, and Mr. Sdrowok, the Society's Surveyor at Augsburg.

The rudder forgings were manufactured by Messrs. Gutehoffnungshutte Abt., Dusseldorf, and consist of three lower shafts, three upper shafts, 12 rudder arms and three flanges, and the three rudders were assembled and completed by Messrs. Th. Hitzler, Regensburg.

It appears that through some misunderstanding the three upper shafts and the centre lower shaft were not tested by the Society's Surveyors, but that satisfactory Makers certificates have been produced for these parts.

Mr. Sdrowok had also taken exception to the results of tests of materials of welded samples of the rudder plating.

Mr. Costantini states that he has personally examined the rudders at Budapest, and found the workmanship, finish and outward appearance of the welds satisfactory. As the mainpiece of the centre rudder was tested by the Augsburg Surveyor, who found its tensile strength to be above 50 kg/sq.mm and the three rudder heads are subjected to abnormally small twisting stresses, and their tensile strength and elongation, as given in the Makers' certificate, are 47.4 kg/sq.mm and 32.6% respectively, Mr. Costantini submits that the rudder installation as a whole be accepted in this instance.

It is submitted in the first instance the Dusseldorf Surveyors be requested to forward the Makers' certificates of tests for the three upper shafts and the centre lower shaft, and to explain why these forgings were allowed to leave the works without being tested by them.