A typical encrypted radio message.

The audio sample shows a typical encrypted radio message to be received by the submarine. The message was unidirectional and shouldn't be acknowledged, so that the position of the submarine should not be revealed. Most of the time, the submarine was submerged and could only receive radio messages.

The Navy coastal radio stations conveyed this type of messages in form of a D-message. The D-message was sent simultaneously over a number of frequencies and transmitters to reach all operational areas.

The radio operator had to be on alert when he recognised the two opening "D D" together with his call sign (PN). The D-message was only sent two times and in sequence. Daily traffic lists was sent for checking if any message had been missed.

The sample is sent with approx. 80 characters/min. The normal telegraphic speed within the submarine force was 80-110 characters/min. The disturbing noise in the sample is quite moderate in comparison to the real life situation..

D D PN de ER 121500 11 421 D = JUJUA LDBTO VENRO AUAKE BEBNR ISESZ TLITI IJAEH TNADT MEATF LDBTO = x PN de ER 121500 11 421 D = JUJUA LDBTO VENRO AUAKE BEBNR ISESZ TLITI IJAEH TNADT MEATF LDBTO = +

Tip! Please don't spend any time trying to solve the crypto! The characters are just drawn from a well shaken Boggle box.