Standard Stanag 4193 Download Rar [WORK]

this standard is the basis for the nato's melpe standard. it specifies a single-chip digital audio encoder/decoder for use on board a military tactical radio. the melpe is used for the compression of voice and data packets and offers the following features: voice: the melpe supports the nato's melpe voice compression algorithms. it compresses speech with a 6.4 to 9.6 bits per second (bps) output, depending on the compression mode selected.data: the melpe supports the nato's melpe data compression algorithms. it compresses data with a 4.4 bps output, which is sufficient for compressing packetized data (such as ip or tcp packets).on-air: the melpe has an on-air section that can be used to encode voice and data packets into a standardized bit stream for transmission over an rf channel. the melpe, or melcoder, is a single-board computer that performs the functions of both melpe and melcoder for stanag-4591. the melcoder was developed by the nato's test laboratory that evaluated the melpe and confirmed its performance under numerous conditions. as a result of extensive work to make the melpe and melcoder standards compliant with the melpe technical specifications and the melcoder technical specifications, the nato's test laboratory also tested the standards and certified that the melpe and melcoder were compliant to the melpe technical specifications and the melcoder technical specifications. melpe is a radio-frequency (rf) data compression standard for military radio communications. its original purpose was to reduce the bandwidth required to transmit voice and data in portable radios for airborne applications. the compression is achieved by using sub-band digital audio coding, with a data rate of 4.4 kbps per channel. melpe can be used to compress full-band voice and data signals, or for narrow-band voice and data signals. melpe operates in four discrete sub-bands, each with its own rate of coding. it is an improvement on the itu-t g.726.1 standard.

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