ABSTRACT

METHOD AND SYSTEM OF COMMUNICATION USING DYNAMIC MODULATION AND CODING SCHEMES ON WIDE BAND HF COMMUNICATION CHANNELS

Method and system of communication in a wide band high frequency HF communication system comprising at least n communication channels, an interleaver common to the n channels, a means making it possible to determine the quality of communication of each of the n channels, characterized in that it comprises at least the following steps:

a step where at least the following information is introduced into the structure of the frame of the data at the level of an autobaud

- an item of information about the modulation employed on each of the n channels ch_n,
- an item of information about the interlever considered, comoon to the n channels,
- the corrector code FEC employed cinnib ti tge b cgabbeksm
- the number of channels employed (n) as well as for each one its identifier idn making it possible to order them,

a choice of the modulation on channel n,

a common operation of coding and interleaving on the n channels,

the transmission of the information introduced in the shared autobaud.

Figure 4B to be published