STANDARD ALE IN 141A AND ALE400 EASY WITH MULTIPSK (4.5)

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Introduction

In this document it will be found 4 forms (snapshots of Multipsk screen with indications to the « how to operate ») which shows the basic functions of ALE in 141A and ALE400 modes. Auxiliary options are neglected (descriptions will be found in the manual). It is based on ALE400 and applicable to 141A (except that in 141A, there is no need to manage the Slave/Master mode, the AFC and the RS ID detection).

Notes about the help in Multipsk:

- * for the contextual help, click on the right button of the mouse, with the focus over the mode button "ALE400", for example).
- * use also the button hints (wait a fraction of second over a button).

List of the forms (snapshots a bit old as Standard ALE has been separated from ARQ FAE, but still applicable)

Sounding and answer

Call to a Ham or to a net

AMD message to a Ham

Scanning (for Multispk with licence)

Differences between 141A (standard) and ALE400 (non standard)

The ALE400 system has exactly the same functions as the ones of the "141A" of Multipsk except that:

- * the bandwidth is 400 Hz instead of 2000 Hz as in standard 141A (so ALE400 can be transmitted anywhere where 500 Hz digital modes are authorized),
- * the modulation speed (50 bauds instead of 125 bauds) and consequently the text throughput are 2.5 slower,
- * no fix frequency (as in MFSK16...), the automatic tuning being able to be done thanks to the RS/ID transmission,
- * the S/N is 5 dB better: 9 dB.







