Patrick Lindecker (F6CTE) the 2nd of March 2026

EM MODE EASY WITH MULTIPSK (4.51)

Introduction
In this document, it is proposed:

- A simple use description of the EM (Extended Message), using snapshots (pages 2 to 4).
- Several pieces of information about EM (pages 1 and 2). Details will be found in the Multipsk manual.

For questions about Multipsk, ask them on the Multipsk IO group
To visit this group on the Web, go to: https://groups.io/g/multipsk

Quick description
The EM mode permits:

- a "**Beacon**" mode: it is proposed 2 types of beacon, one transmitting the 6 characters Locator (and other information), the other transmitting the exact GPS position (and other information). The messages (without error) will be decoded and displayed.
  It will be found a small guide to use this beacon here:
  http://f6cte.free.fr/WSPR_EM_and_FT8_beacons_with_Multipsk.pdf
- a "**Chat**" mode. Messages (with a very few probability of error) can be exchanged between Hams. the transmitted message will be displayed on the waterfall and will be seen by all. It can be used either, as standard, a reduced charset, or a 8 bits charset to chat in languages as French, Russian, Greek....
  Only the “Chat” mode is the subject of this document.

Recommended frequencies

Ham frequencies proposed are: 3576, 7055, 10142, 14078, 21085, 28100, 144620 Khz.

About the help in Multipsk:

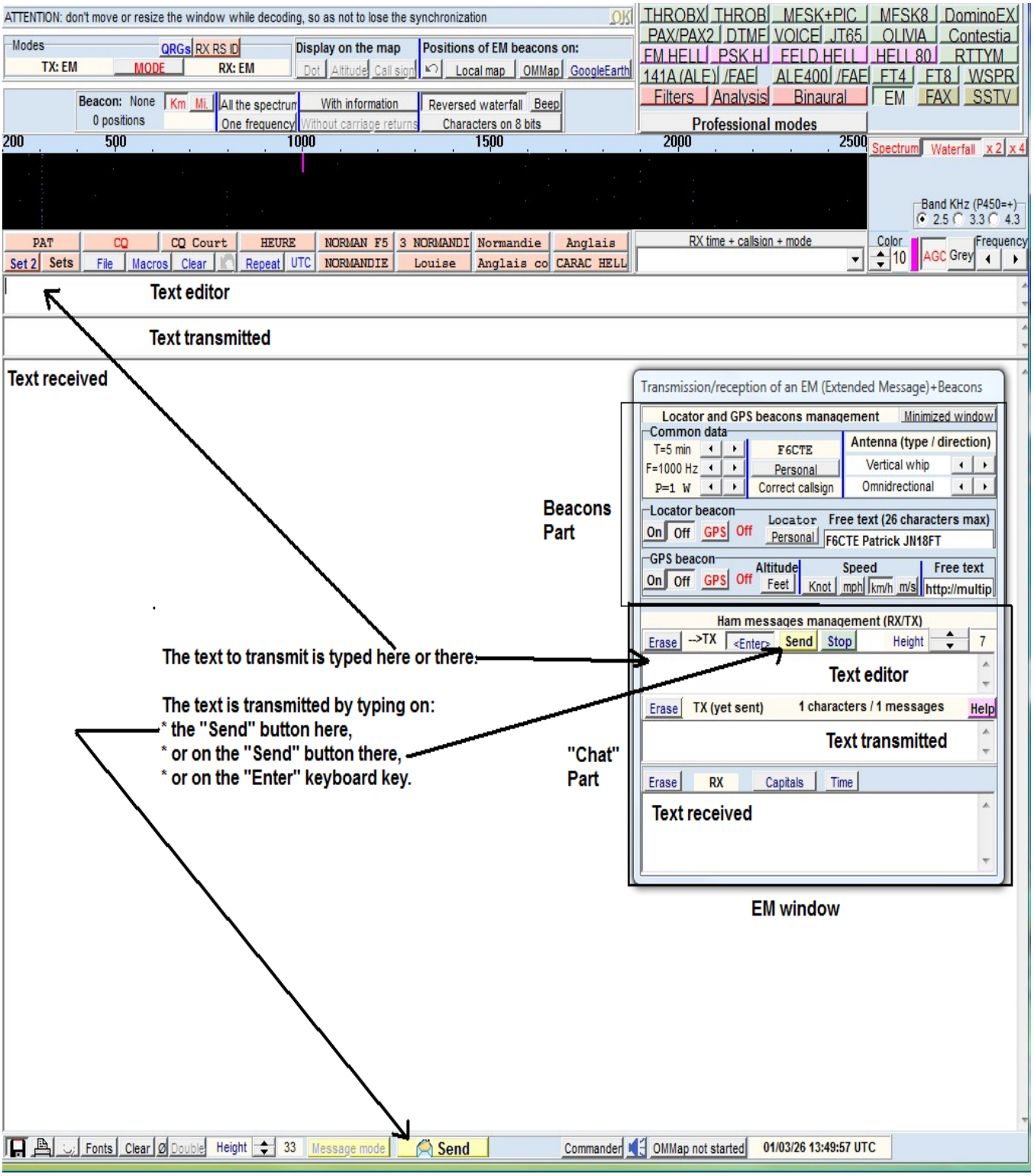
- To bring up the text manual (contextual sensitive one), click on the right button of the mouse, with the cursor over the mode button "**EM**", for example, or any other button. In the example, only the EM help will be displayed.

- Also use the button hints. For this, wait a fraction of second over a button.

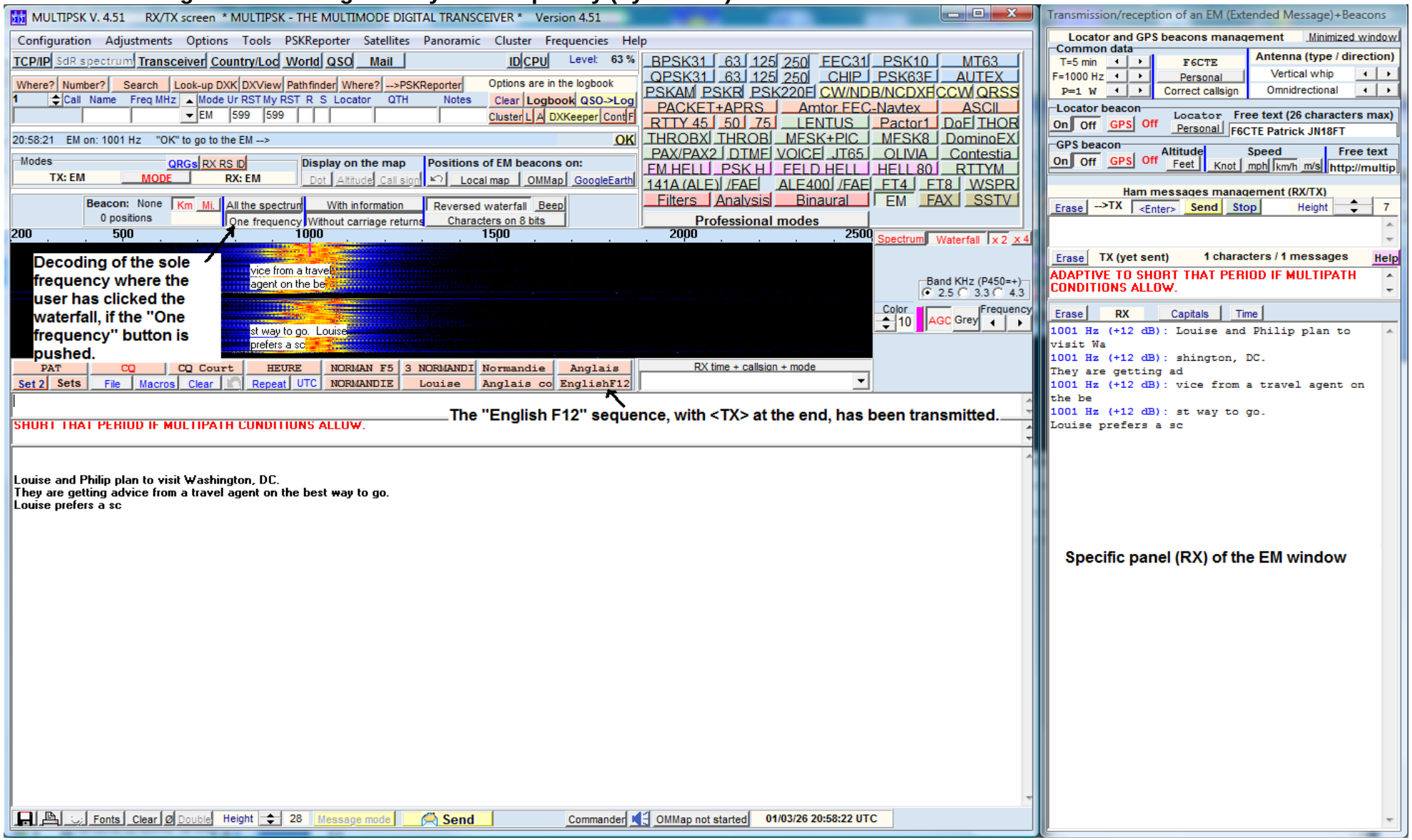
- The Multipsk/Clock/OMMap manuals can be downloaded in the form of PDF files here: http://f6cte.free.fr/Help_PDF.ZIP

General hints (advices) about Multipsk
http://f6cte.free.fr/Hints_about_Multipsk.pdf

Screen which appears when the EM mode is started, where it is indicated how to edit and transmit your message.

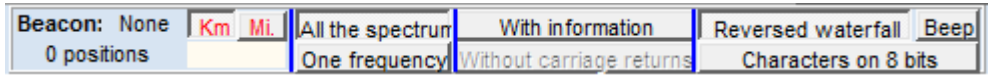


Standard working with decoding on only one frequency (by default)

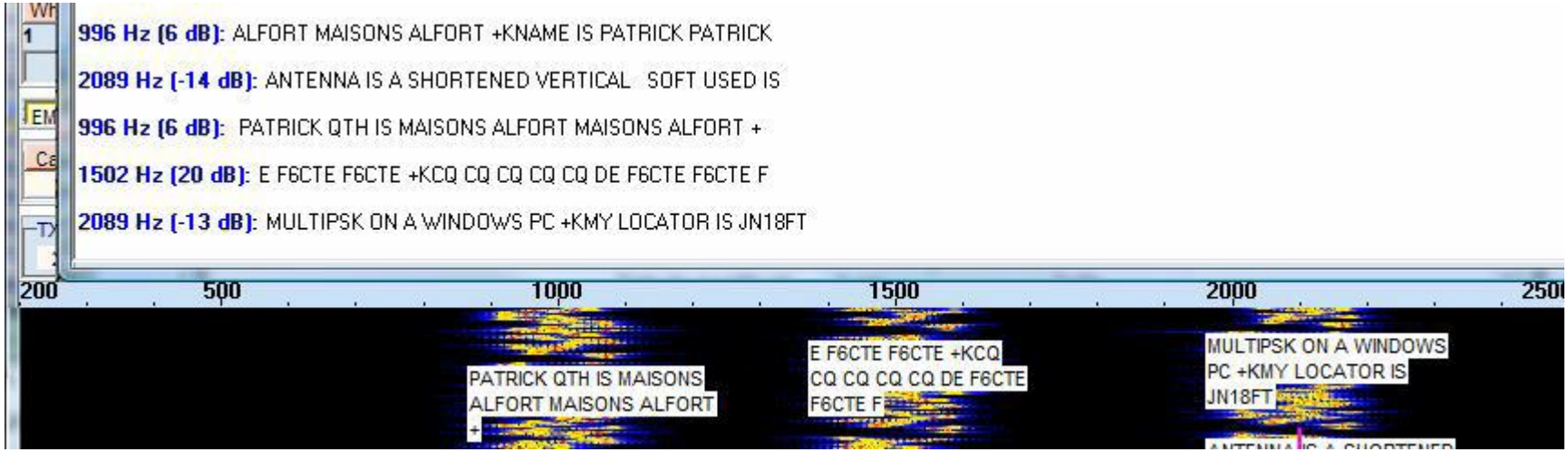


Standard working with decoding on all the spectrum

For this, the “**All the spectrum**” button must be pushed, as indicated below.



Example of 3 test EM messages displayed on the specific panel (RX) of the EM window and on the waterfall.



If the « **Characters on 8 bits**" button is pushed, you can write in your own language (if different from English) with all the special characters (é, è, à…). Now it is necessary that the other Ham uses the same language and, above all the same table, so that the special characters appear in the good way on his/her screen.
<u>If you write in English, you can ignore this command.</u>