

## Quick overview of the cartography software OMMMap interfaced with Multipsk

The main goals of this new program are:

- to supply maps to Multipsk without errors on the latitude,
- to display positions exported by Multipsk on a map chosen by the user.

The other goals are:

- to display GPS positions (received from a GPS receiver) on a map,
- to display a latitude/longitude position or a Locator on a map.

In case of several Multipsk occurrences have been started, only one occurrence of OMMMap will be started, all the Multipsk occurrences sending their positions to the sole OMMMap occurrence. OMMMap is the DDE server, whereas each occurrence Multipsk is a DDE client.

The amateur and professional modes decoded by Multipsk and generating geographical positions which can be displayed on OMMMap are the following:

### Amateur modes

- APRS modes: Packet, ALE400 ARQ FAE, 141A ARQ FAE, PAX, PAX2
- AUTEX,
- LENTUS, JT65,
- FT8, FT4, WSPR, EM
- DMR

### Professional modes

- Ships: SHIP (in RTTY 50), AIS
- Coast stations: SYNOP (in RTTY 50)
- Ships + coast stations called or calling: GMDSS
- Specialized broadcast stations: NWR (SAME), DGPS
- Aircrafts: ACARS, ADSB, AERO
- Aircrafts + ground stations called or calling: HF DL, VDL2
- Beacons: EPIRB (+ELT +PLB), ARGOS (uplink)
- Satellites: ARGOS (downlink), ORBCOMM
- Balloons: RS41 + DFM06-09-17 / PS15 +LMS6+M10/M20+IMET4
- Various: 1382, BIIS

The OMMMap program must be started before Multipsk.

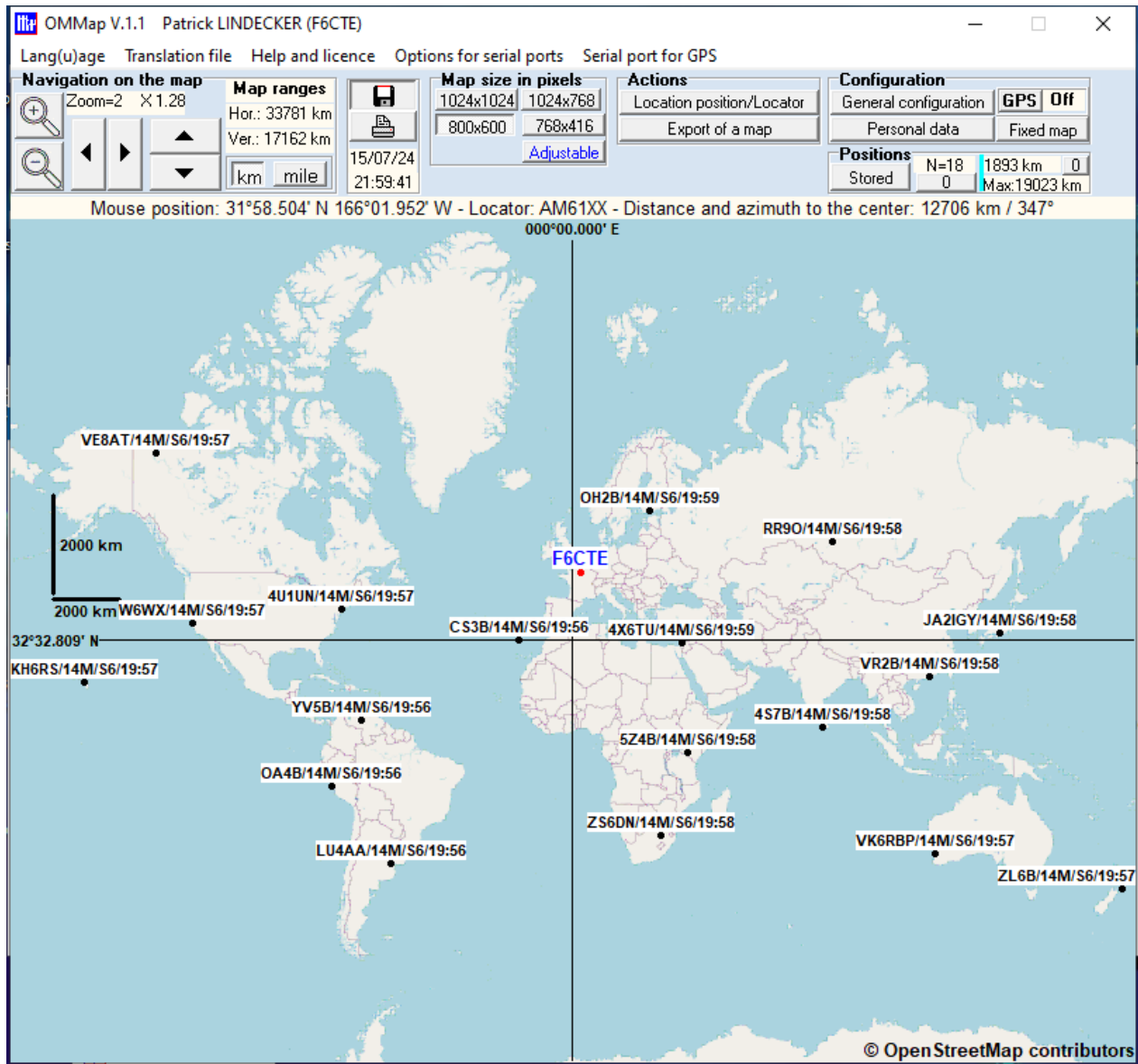
The OMMMap limited version permits to make work all the available functions, except that the maximum zoom is limited to 4 instead 19 for the non-limited version. So the detailed maps are not available for the limited version. The non limited version works with the Multipsk user key.

For programmers interested to interface a program on OMMMap, a demonstration program and the protocols used are supplied at the WEB address:

[http://f6cte.free.fr/OMMMap\\_for\\_programmers.zip](http://f6cte.free.fr/OMMMap_for_programmers.zip)

Two snapshots are given as examples. The second one needs a Multipsk user key.

A first example, below, shows OMMap displaying all the NCDXF beacons.



A second example, shows OMMap displaying ADSB positions.

