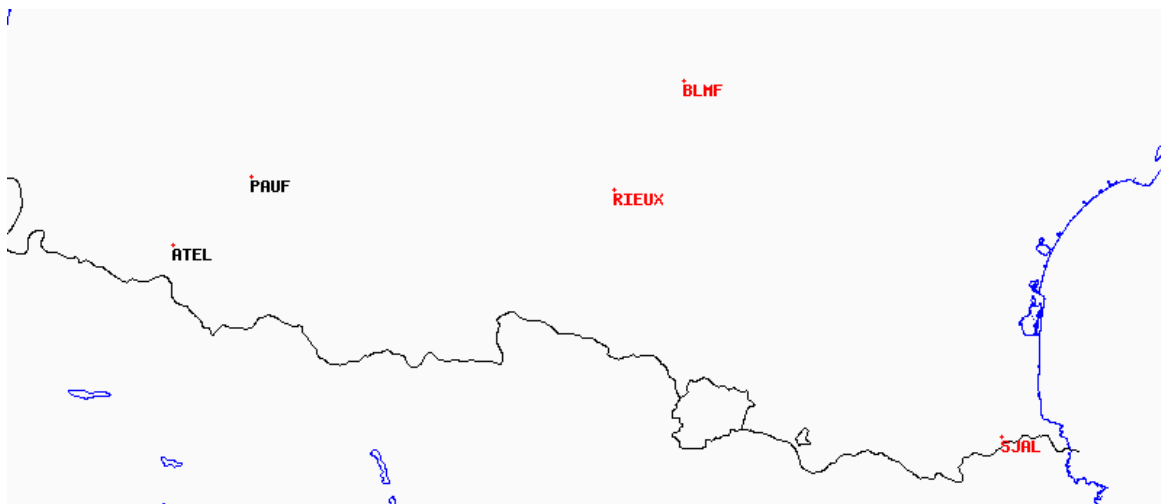


Section:	Interface/Maps
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OMNI provides two types of maps, both available in the supervisor page. For both types, the base map includes the political borders (black) and the coastline (blue). A local map can be added manually if the security options are enable (see Internals/Security and Internals/Files). Note that there is no scale on these maps and they are not represented on a particular projection. This may be changed in a further version.

Location map: the station location map include only the station that have valid coordinates in the Osiris information file or those that have a valid .geo file (see Internals/Files). The first time the station map is displayed, the limits are set automatically so that all the stations can be plotted. The stations on the map are “clickable”, the link send to the single station page (see Interface/SingleStation). Stations reporting an error are plotted in red as shown on the figure below.



Connectivity maps: those maps are mostly useful for a temporary deployment as they map the topology of the array. The connected clusters are separated and one map is plotted for each cluster. Red connections indicate wireless links, blue connections indicate ethernet links and gray connection reflect any other type of link (vpn, ppp etc.). The nodes that do not have a known location are located using a weight average of the located nodes directly connected. The weight depend on the link type (ppp for example allows for very long distance, thus the weight is small while ethernet is limited to a few hundreds of meters, the weight is large). The nodes located by interpolation are written using an thinner font than the located nodes. The connectivity maps cannot be scaled as the station maps. Note that only the cluster containing more than two nodes are represented on a map.