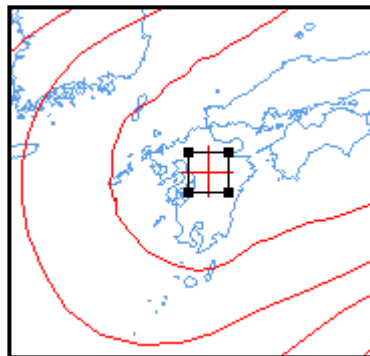# Exercise 5: Discover GIMS Functionalities

Goal

Get more familiar with GIMS diagram by learning basic concepts.

Experience a few handy functionalities.

Task 1: Select diagram items and view their properties

- Open two gain contour diagrams from beams belonging to the same network
- Left-click on a boresight that is represented by a cross.

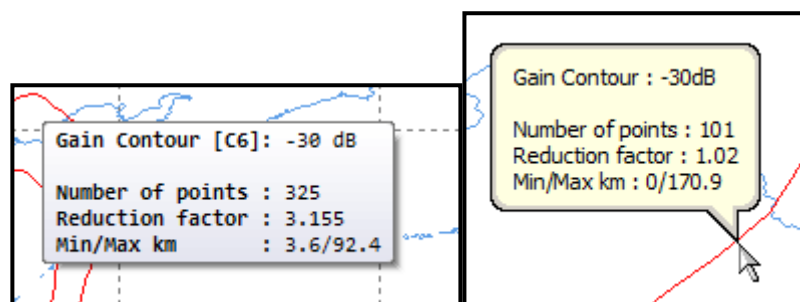You should see that its appearance changed: it is selected.

- Double-click on a boresight. This brings up a window where you can view and change the boresight gain.

Double-clicking an diagram item is the GIMS way of changing the item properties.

By default, tooltips are enabled so that one can view properties by positioning the mouse cursor over a diagram item.

- Ensure that the tooltip button is pressed
- Position the cursor over a gain contour.

Task 2: Copy/paste or drag'n drop

One can copy diagram items between diagrams using the usual copy/paste mechanism or with the drag'n drop feature.

- Ensure both diagram windows are visible
- Left-click on the boresight in one window. While keeping the button pressed, move the mouse cursor over the other diagram window.
- Release the button.

Task 3: Change map characteristics

One can customize the map display by changing map characteristics.

- In the **View** menu select **Display Characteristics**
- Change the projection type to "Plate Carrée"
- Check the "ITU Regions" box to display the ITU regions borders in the selected color.
- Click the OK button.

Task 4: Copy a diagram to MS Word

One can copy a diagram image into other documents such as an MS Word document.

- Open a gain contour diagram
- In the menu **Edit** select Copy **Picture**
- Check the "Gain Values on Contour" in the Copy Picture dialog box and click OK.
- Open MS Word.
- In the menu **Edit** select **Paste**.

Task 5: Use the overlapping mode

To compare the coverage of two or more beams, you may use the overlapping mode.

- First ensure that the current database is your personal (work) database.
- In the **Diagram** menu, select **Open Overlapping**.
- Click on the "Add Layer" button to select the diagrams to be displayed.
- Select the gain contours of beams EH and WZ from the notice 90998027
- Click on Open and, as necessary, change the style of the contours in these diagrams ("Set Color" and "Set Line Style" buttons).
- The two diagrams are now displayed on the same map.
- To modify the displayed diagrams, go into the **Layers** menu and select **Change Diagram Layers**.

This type of diagram cannot be saved, but you can print it or copy/paste it into another document.

All diagrams to be overlapped have to come from the same database