Find Points

(C:\Rgm2000\Doc\FindPoints.Doc)

This program is used for searching points within RGM files.

The main window is divided into two pages:

1. Conditions – Here you define the search conditions (what to search?).

2. Results – Here the result are collected (the found points).

The conditions page:

1. The first condition is "Search Folder" which defines the main directory, on disk, in which to search. The search is done also in all sub-directories. Click "Brows" to select this main directory.

2. The second condition is "Search File Types" which defines the types of files to be searched. You have to check the relevant check boxes, beside the requested file types. Also, you have to type the requested file extensions for each type of file (only the letters, without the dot). The "Regev DOS Files" check box, stands for all file types used with Regev in DOS version (Distomat, Coordinates, Polygon, etc). The "Regev 2000 Files" check box stands for field-book files only, so its file extension must be "FB", without an option for edit. The "Geo DOS Files" stands for the Geo file type, containing Geo commands, used with Geo in DOS version. The "Geo 2000 Files" check box stands for Geo 2000 files only, containing Geo commands, so its file extension must be "GEO", without an option for edit. The "Map Files" check box, stands for the Map file type, used with Map in DOS version, and with Map 2000. Its file extension is "MAP", without an option for edit. Of course, you must select, at least, one file type, otherwise the search will not find anything.

3. The third condition is "Coordinates Window" and it is optional. It is a window coordinates for the requested points. When this box is checked, then points outside the defined window are filtered out. Otherwise, no points are filtered out.

4. The fourth condition is "Search Point Names" and it is also optional. Here, you can define the requested point names. The "Letters" check box, activates a condition on the non-numeric part of the point name. When it is checked, you have to type the requested non-numeric part, in front of it. You can, also, type many possibilities, separated by spaces. For example, "KT /Q -" stands for points which have "KT" or "/Q" or "-" in their names. The "Numbers" check box, activates a condition on the numeric part of the name. When it is checked, you have to type the requested numeric part, in front of it. You can, also, type many possibilities, separated by spaces. For example, "1 5 8_13 22 35_114" stands for points which have "1", or "5", or "8 up to 13", or "22", or "35 up to 114", in their names. The underline symbol ("_") stands for "up to". The "Names / Sets" check box, activates a condition on the entire point name. When it is checked, you have to type the requested name, in front of it. You can, also, type many possibilities, separated by spaces. For example, "17KT 32/A_38 1017B 110_127" stands for points which are "17KT", or "32/A" up to "38/A", or "1017B", or "110" up to "127". Note the underline symbol, standing for "a group of names". On the right side of the underline symbol, type a number only (32/A_38 is OK, but 32/A_38A is not OK).

5. The "Save Conditions" button is used to save the entire set of conditions. The saving is done automatically into the constant file name: "C:\Rgm2000\User\FindPoints.stp".

6. The "Load Conditions" button is used to load the entire set of conditions. The loading is done automatically from the constant file name: "C:\Rgm2000\User\FindPoints.stp".

7. The "Start Searching" button is used to start searching. The results page will be automatically set visible, instead of the conditions page.

8. The "Exit" button is used to close the Find-Points program.

The results page:

1. On top of the results page, there is a line, indicating the search progress. On the right side of that line, there is a red "Stop" button (visible after clicking "Start Searching"). Click on that "Stop" button to stop the search. When the search ends, this line goes off. During the search, you can switch back to the conditions page, to change conditions and to activate another search by clicking the "Start Searching" button again. In this case, another indication line will appear on top of the results page.

2. The results page contains a table with the found points. All searches, working on the same time, send their results into that table. All found points, from all searches, are collected together in that table.

3. The "Sort" button sorts the point table, using a selected key column. Click "Sort" and you will be asked to choose that key.

4. The "Select" button selects a point and marks it with an "X" in the "Select" column. Double clicking a cell in the "Select" column, will have the same result. A second double clicking will reverse the marking.

5. The "Select All" button reverses the selection for all points.

6. The "Clear" button empties the table.

7. The "Save" button saves the selected points (those marked with an "X") into a file, using the constant file name: C:\Rgm2000\User\FP.FB. This is a Field-Book file type, which can be loaded into Regev-2000, Geo-2000, and Map-2000.

8. The "Save Other" button also saves the selected points into a file, but into a different file type, which can be: Regev-DOS coordinates file, or simple text file.

9. The "Export" button is used to copy the selected points into the Windows clipboard. The File/Import/Find Points is used to import those points into Regev-2000.

E N D