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Title: **USE OF GPS NAVIGATOR IN CADASTRAL WORKS OF RESIDENTIAL AREAS**

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CHECKS TO DETERMINE THE CONTENT OF DIGITAL CADASTRAL MAPS AND PLANS

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Abstract: Possibilities of orderly use of modern GPS navigator by enterprises and organizations operating in the field of urban planning, including residential areas.

Keywords: Placing digital maps of residential areas on GPS navigators.

Introduction

In order to further expand and improve the possibilities of orderly use of modern GPS navigators, digital maps are uploaded to the navigator and put into practice by all residential areas of our republic, including the enterprises and organizations operating in the field of urban planning.

To place digital maps of residential areas on GPS navigators, we need to do the following.

– we download the pictures to the Arc GIS program according to scale;

– based on the decoded pictures, it is drawn in the Arc GIS program, each plot is entered into the database and uploaded to the GPS navigator.

The purpose of uploading digital maps to the GPS navigator is to easily find out who owns the house by looking at the navigator, even if the owner of the house is not at home during the surveying of rural areas.

Based on this goal, we would like to put forward some ideas about the procedure for using a GPS navigator in residential areas.

The procedure for uploading digital maps to a GPS navigator is as follows:

1. In order to upload a digital map of residential objects of any scale to the GPS navigator, first of all, the thematic layers of the digital map are brought to the *.shp format unit.

2. The Mobile Mapper Office program of the navigator is opened and the "Background card" button is clicked.

3. A window called  "Background cards" will open (Fig. 1). Click the editor map button from this window.

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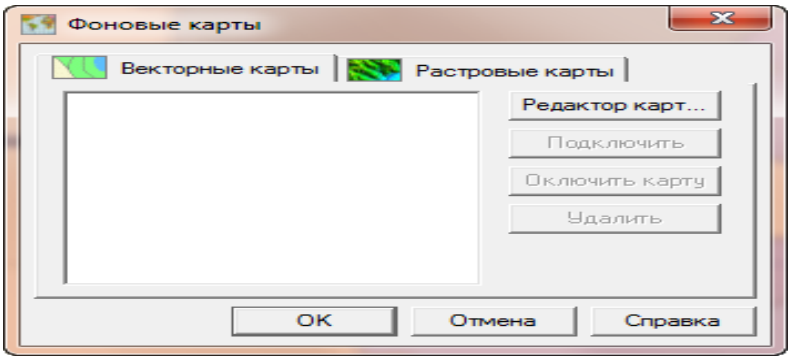

Figure 1

4. In the next window that appears, click the "Add danny" button (picture 2).

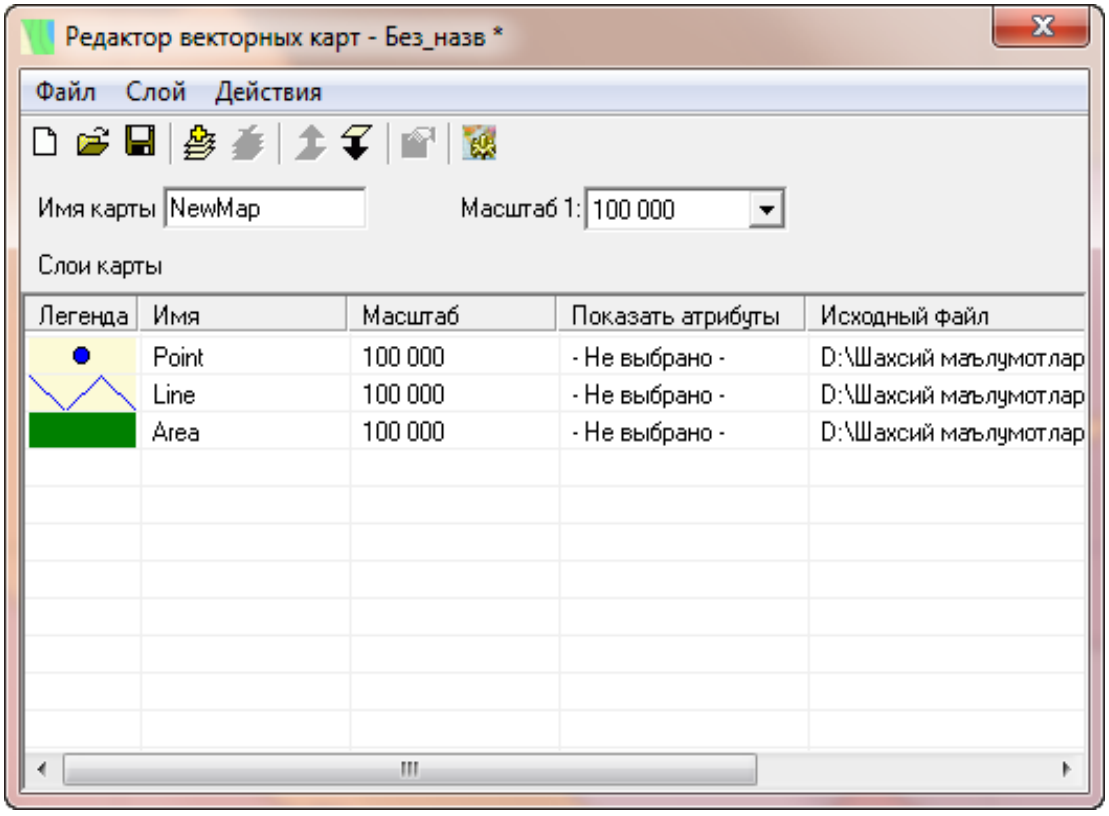

Figure 2

5. As a result, the "Dobavit layer" utility window will open, and the available layers in *.shp format will be selected and the button will be pressed

(Figure 3).

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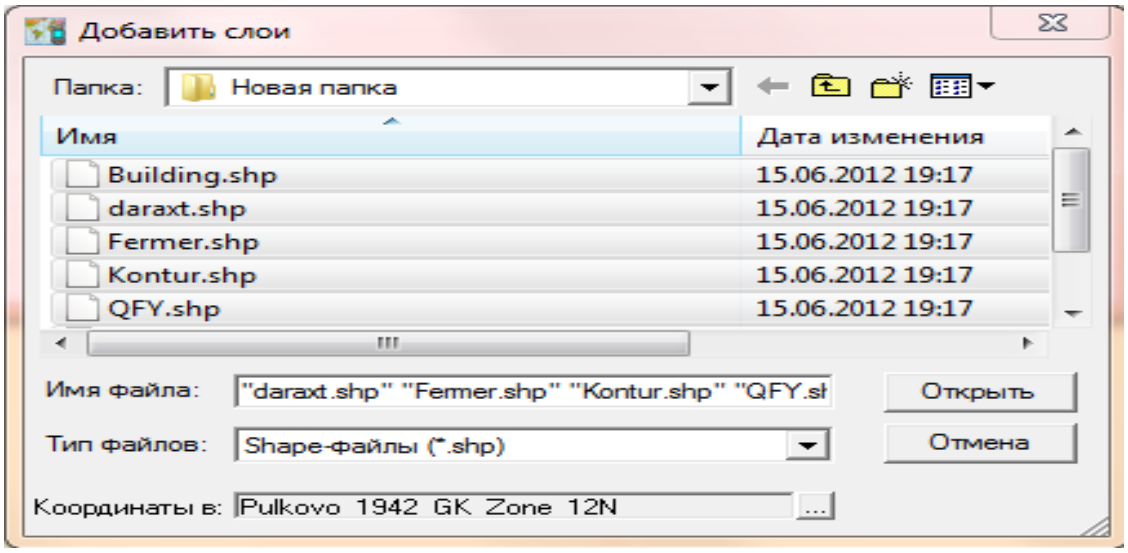


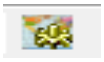
Figure 3

6. After that, the situation in the window shown in the second picture will appear, and we will consider the process of adding scale, conditional symbols and writing (nadpis) Otkryt to the layers.

7. After clicking the left mouse button twice in a row on the desired layer, a helper window with the name "parameter layer" will open.

8. Change the type, size, name, color, maximum scale and classification of conditional characters according to the requirements (instructions) of the auxiliary window and press the "OK" button (Fig. 5)

9. After this sequence is repeated with each layer and corrections are made, the button named "sokhranite project" above is clicked, the project (project)  is given an appropriate name, and the sakranite button is pressed once again.

10. Then the  "Create map" button is pressed, we take the map we want to  create into the working memory and the button is pressed.

11. We return to the window shown in the first picture, and by clicking the button again, the layers will appear in the working window (picture 4).

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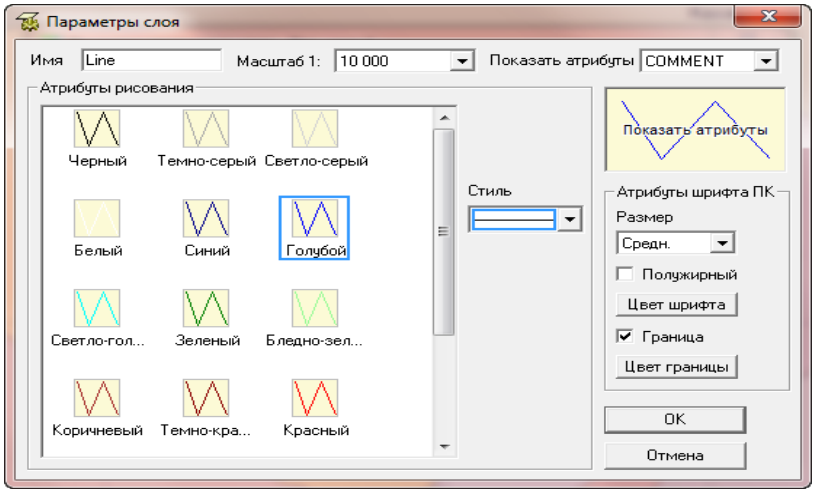


Figure 4

12. Next, the GPS navigator program is loaded and the camera grid is loaded

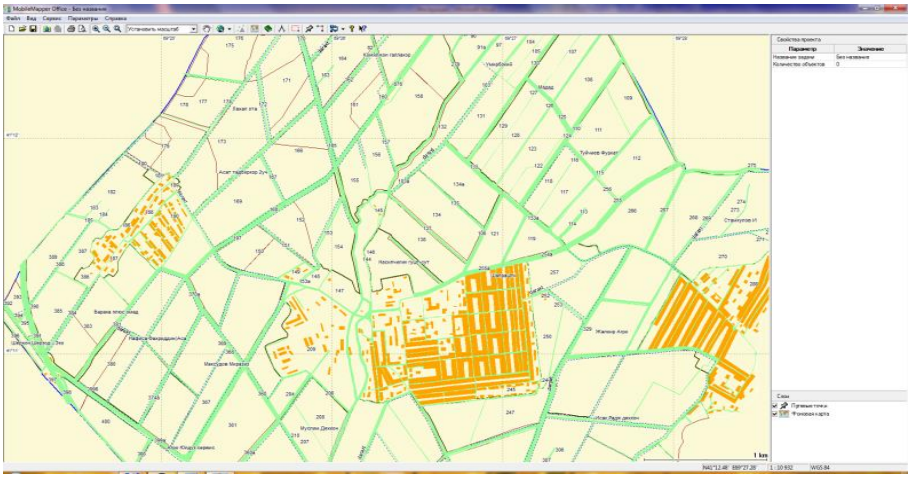
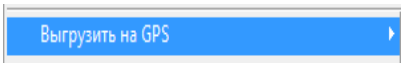


Figure 5

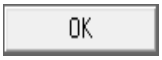
Enter the Mobile Mapper column and then connect the USB port to the computer.

13. Enter the Mobile Mapper Office program on the computer and select the "Fonovuyu kartu" line.

14. A window under the name "Parametry GPS" will be created in the working window and will wait until it is 

automatically connected to the navigator.

15. After finding the navigator, press the button and the layers will start moving one after another in the background view of the navigator.

16. At the end of the work, press the 

"Menu" button of the navigator and enter the "Settings" line in the menu item.

17. As a result, auxiliary functions of the "Settings" line are created, the created map in the "Detailed map" space is selected from the function line through the "Vybrat kartu" item and the "OK" button is clicked.

18. Layers in the *.shp format loaded into the working window are displayed linked to regional coordinates.

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