

Image map calibration

About

This feature enables calibrating of an image of map and placing it over a background map. For example when you go to the ZOO or a park simply take a picture of its detailed plan displayed on a board at the entrance. After that you can calibrate the photo according to your background map and use it for your further navigation.

1. Get a map picture

- open the function in Menu > More functions > On-board Map Calibrator, a dialog appears
- tap **Take** to take a photo with you phone camera - the more quality camera, the better
- or **Select** to choose the photo from your device memory, from Dropbox etc.



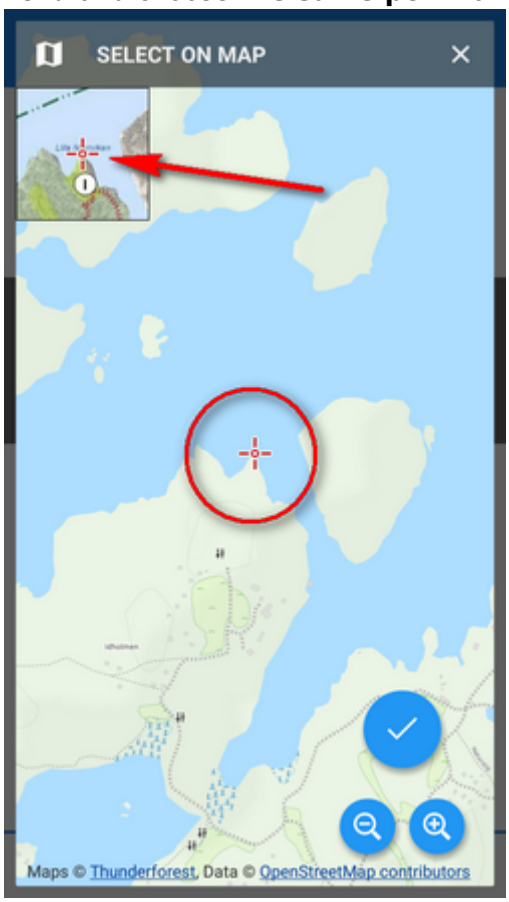
We recommend to **copy the image** from your PC/scanner/internet or a DSLR camera to your Dropbox or the phone memory before selecting it to get better results

2. Calibrate the map picture

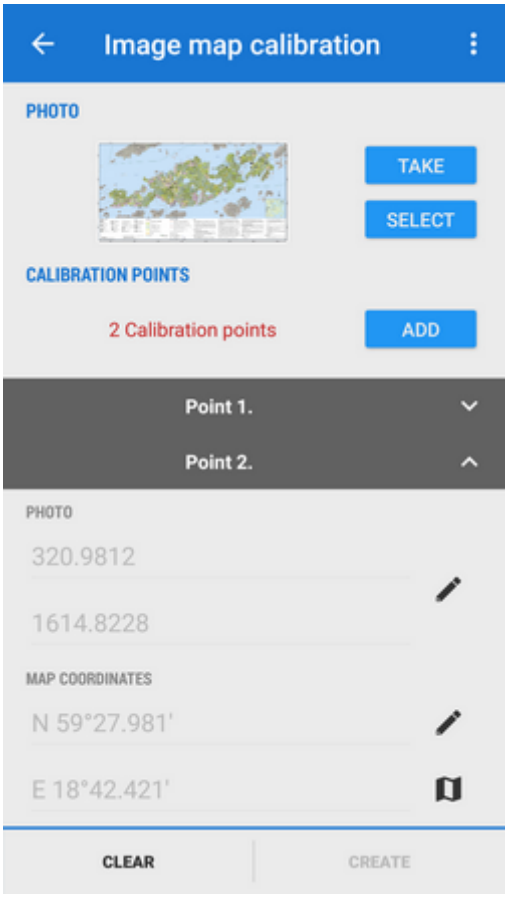
- tap *Add* and choose a **distinct point** (a hill summit, crossroads etc.) on your picture



- tap  in *Map coordinates menu* and choose **the same point** on your background map

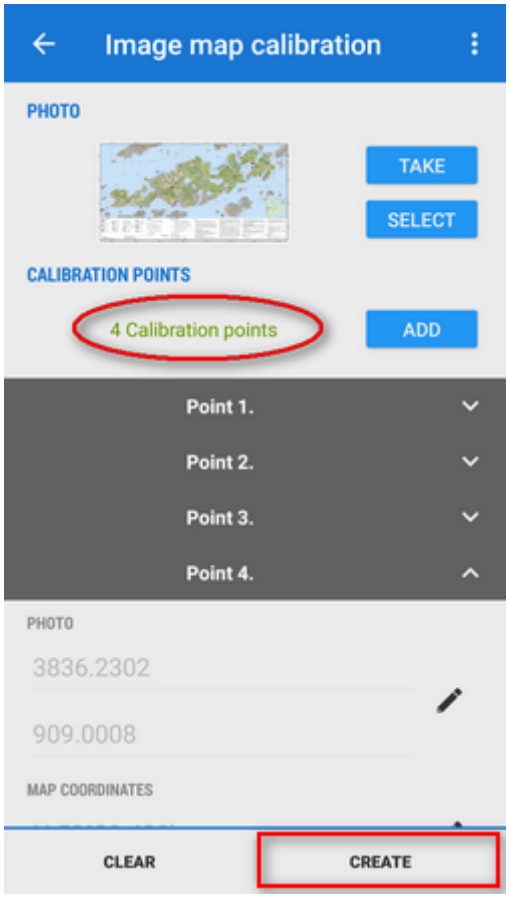


- repeat this procedure **4 times** - try to select points making a rectangle. You can edit their positions by tapping  or remove them.

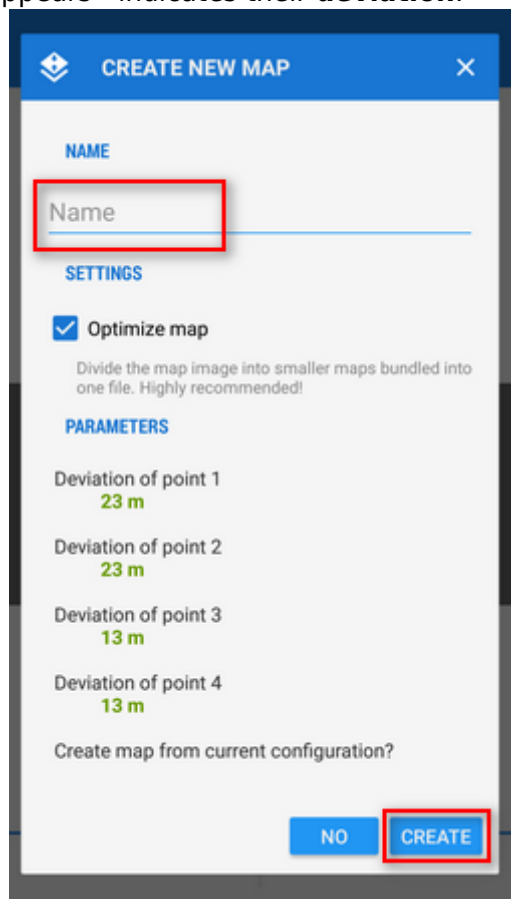


3. Generate your calibrated map

- when you are ready with your four points the status line **turns green** and the *Create* button activates



- calibration points overview appears - indicates their **deviation**.



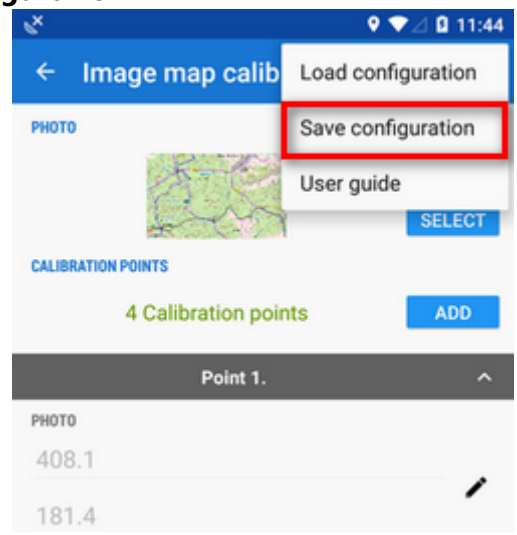
When it is not too significant you can name the new map and proceed to its rendering

If you have chosen a big image it is highly recommended to check **Optimize map** to divide the map image into many small maps (tiles) bundled into one file.

Save the calibration configuration for later use

If you have **more map images of the same size and scale** to calibrate you can use one configuration for calibrating them all:

1. calibrate the first image
2. **save the calibration configuration**:



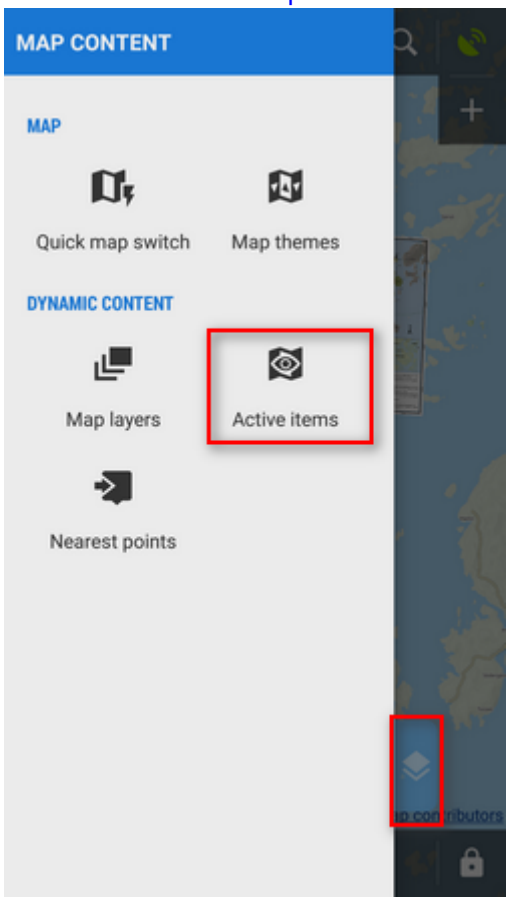
3. open the next image
4. calibrate
5. repeat ad hoc.

4. Use the calibrated map

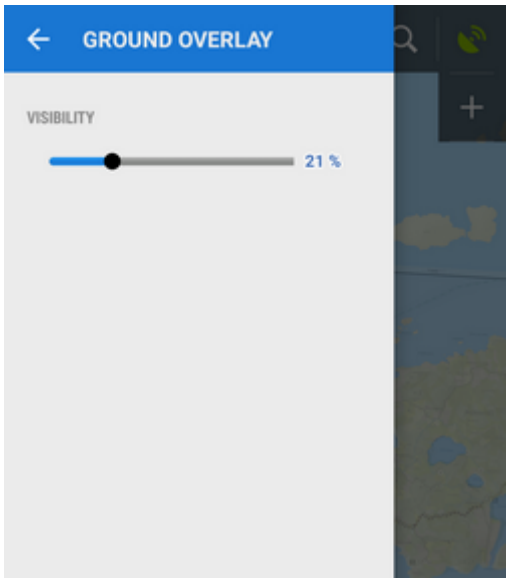
Your calibrated map appears now as an **overlay**



and can be managed in **Map Items** box or in the left panel Active items tab.



You can change opacity of the calibrated map by selecting it and moving the opacity slider:





From:
https://docs.locusmap.eu/ - **Locus Map Classic - knowledge base**

Permanent link:
https://docs.locusmap.eu/doku.php?id=manual:user_guide:maps_tools:calibrator

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