

RS-MS1A About the Offline Map function

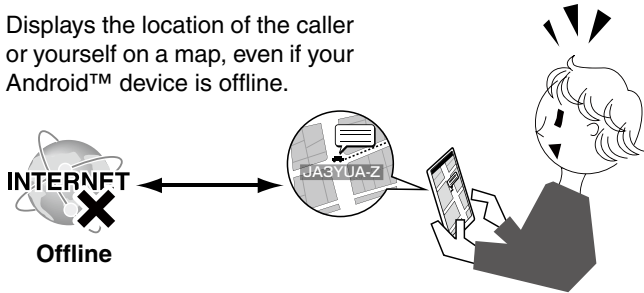
Thank you for using the Icom Download Service.

This document describes the procedures to use the Offline Map function of the RS-MS1A.

■ About the Offline Map function

The Offline Map function displays the location of the caller or yourself on a prepared map picture that has position data (latitude and longitude), even if your Android™ device is offline.

Displays the location of the caller or yourself on a map, even if your Android™ device is offline.



(Example)

■ Preparation

- To use the Offline Map function, a program that can manage a map picture, or display PNG or JPG format files is required.
- The Offline Map function requires much more memory and processing capacity of the CPU than the normal map function.
You may not be able to use the Offline Map function, depending on your Android™ device's specification.
- You cannot set the [FROM] setting for the DR function using the Offline Map function, or display offline maps from the Received History list.
- The images and operations that are described in this document may differ, depending on the device you are using.

- Performance of all software that you use for the Offline Map function may differ, depending on the Android™ device's environment (OS version, installed programs, and settings). So, Icom does not guarantee any performance.
You may have some difficulties using a map software. In that case, ask the software's selling agency or developer for details using your specific device.

■ Procedures

Step 1	Making a map picture page 2
Step 2	Importing a map picture and position data into the RS-MS1A page 3
Step 3	Using the Offline Map function with the RS-MS1A page 5

Icom, Icom Inc. and the Icom logo are registered trademarks of Icom Incorporated (Japan) in Japan, the United States, the United Kingdom, Germany, France, Spain, Russia and/or other countries.

Google, the Google Logo, Google Play, the Google Play logo, Android and the Android logo are registered trademarks or trademarks of Google, Inc. All other products or brands are registered trademarks or trademarks of their respective holders.

Step 1 Making a map picture

There are three ways to make a map picture:

1. Capturing a screen shot of a map on your PC, and enter position data referencing a site that displays position (latitude and longitude).
2. Making a map data by scanning a map picture, and enter position data referencing a site that displays position (latitude and longitude).
3. Obtaining a map picture and position data from a third party or free map software.

/// Icom will not be responsible for any damage caused by data corruption of a map picture and position data.

◇ About the data format

You can use a map picture with the following data format for the Offline Map function:

- Save format: PNG or JPG
Depending on the version of the Android™ device, or color setting of the picture, you may not be able to use imported map picture.
- Image size: 5000(H) × 5000(W) pixel or less

◇ Capturing a screen shot of a map

- ① Capture a screen shot of a map on your PC.
- ② Using a graphics program on your PC, crop the screen shot size to 5000(H) × 5000(W) pixels or less.
- ③ Save it in the PNG or JPG format file.

◇ Scanning a map picture

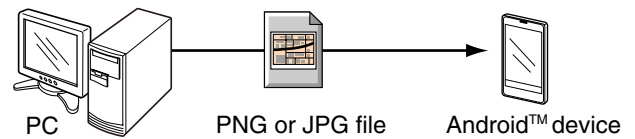
- ① Scan a map book to make a map picture.
- ② Using a graphics program on your PC, crop the screen shot size to 5000(H) × 5000(W) pixels or less.
- ③ Save it in the PNG or JPG format file.

◇ Obtaining a map picture and position data from a third party or free map software.

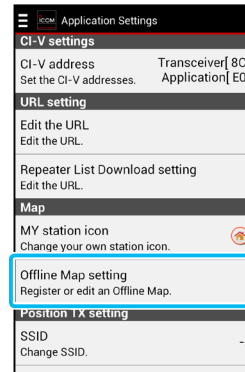
/// Obtain a map picture by following the software's instructions and terms of use. Crop the screen shot size to 5000(H) × 5000(W) pixels or less, then save it in the PNG or JPG format file.

Step 2 Importing a map picture and position data into the RS-MS1A

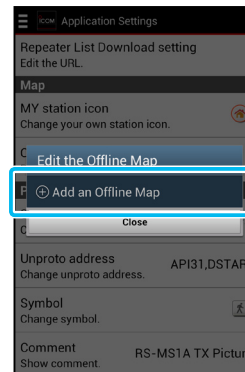
- ① Copy the map picture in the PNG or JPG format file to a desired folder of your Android™ device.



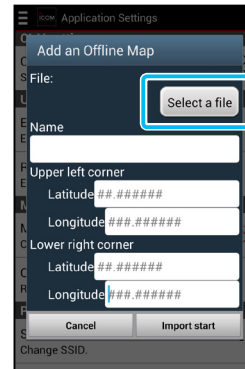
- ② Tap the Menu icon, and then tap “Application Settings,” then “Offline Map Setting” on the RS-MS1A.
 - Displays the “Edit the Offline Map” window.



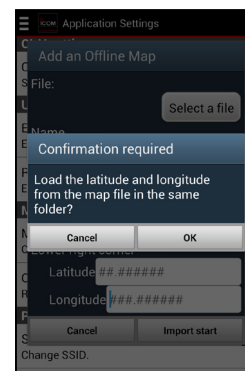
- ③ Tap “Add an Offline Map.”
 - Displays the “Add an Offline Map” window.



- ④ Tap “Select a file.”
 - Displays the “Complete action using” window.
 - Tap a desired program, and then select the desired map picture.
 - Depending on the version of the Android™ device, or color setting of the picture, you may not be able to use an imported map picture.



- ⑤ Tap “Cancel.”



Continued on the next page.

Step 2 Importing a map picture and position data into the RS-MS1A (Continued)

- ⑥ Enter the latitude and longitude data.
The latitude and longitude data must be entered in the decimal degree format.

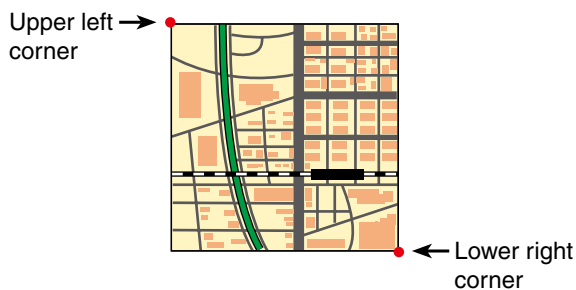
Example:

If the latitude is '35 °19'24.436"' in the degrees/minutes/seconds format, convert it in the decimal degrees format '35.323462,' and then enter it in the field.

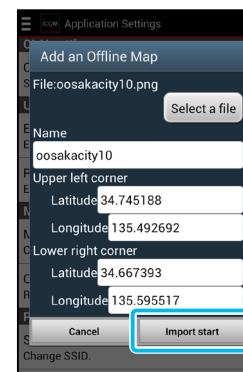
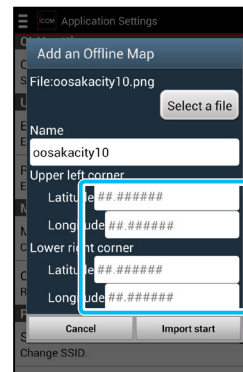
How to calculate:

$$35+19\div 60+24.463\div 3600=35.323462$$

When you manually enter position data, be sure to enter the latitude and longitude data of the upper left and lower right corners.



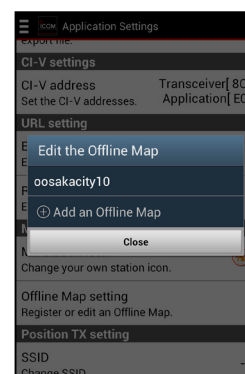
- ⑦ Tap "Import start."
- Starts to import the map picture and position data into the RS-MS1A.
It may take a few seconds to import the map picture.
 - Repeat steps ② through ⑦ to import two or more pictures.
The number of files you can store may differ, depending on the capacity of the device.



To edit or delete the imported map information:

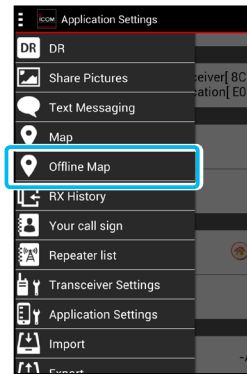
You can edit or delete the imported map information.

- Tap the Menu icon, and then tap "Application Settings," then "Offline Map Setting" on the RS-MS1A.
 - Displays the "Edit the Offline Map" window.
- Tap a desired map name to be edited or deleted.
- Tap "Edit" or "Delete."
 - When tapping "Edit," the "Edit the Offline Map" window is displayed.
 - When tapping "Delete," "Delete this Offline Map. Are you sure?" dialog is displayed. Tap "OK" or "Cancel."

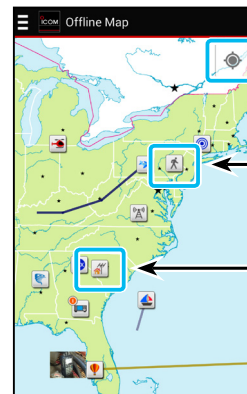
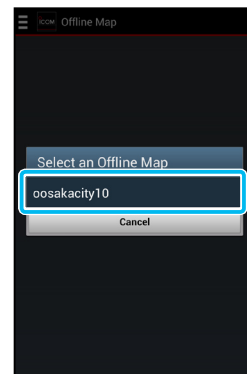


Step 3 Using the Offline Map function with the RS-MS1A

- ① Tap the Menu icon, and then tap “Offline Map” on the RS-MS1A.
 - Displays the imported offline maps list.
 - When a map picture is already loaded, the offline maps list is not displayed. In that case, tap the Menu icon, and then tap “Select an Offline Map.”



- ② Tap a desired map.
 - Starts to load.
 - After loading, displays the center of the map picture on the screen.
 - To change to another picture, tap the Menu icon, and then tap “Select an Offline Map.”



← Displays your position

← RX position

← Your own icon

For your reference:

- The offline maps display the received position, images with position data, or tracking information.
- If you push the Menu button on the Android™ device, and then tap “RX position OFF,” the displayed RX position disappears.
- The offline maps do not display repeaters.