User Operations Manual
for
WAMSI Android Mobile App for SWBs Version 1
Beta Release on June 7, 2016

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User Operations Manual

for

WAMSI Android Mobile App for SWBs
Version 1 Beta Release on June 7, 2016

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# AMENDMENT LOG

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Start Survey

When you press "Start Survey", WAMSI Mobile App will take you to next Screen where you will be asked to provide Waqf ID, Prop.ID and Surveyor Name & Designation, to start the process of Survey of Immovable Waqf Property.

If your Mobile is Internet ready then as soon as you entered the "Waqf ID", it will display the Name of the Waqf Estate with the Thumbs-Up Sign. Otherwise, a Thumbs-Down Sign will be displayed. That is, Waqf ID is not verified from the WAMSI Database.

Similarly, as soon as you entered the "Prop.ID", it will display the Name of the Waqf Property with the Thumbs-Up Sign. Otherwise, a Thumbs-Down Sign will be displayed. That is, Prop.ID is not verified from the WAMSI Database.

Displaying Name of the Waqf Estate & Name of the Waqf Property is to help you to correctly supplying the "Waqf ID" & "Prop.ID" for the Waqf Property being surveyed, to avoid wrong linkages of GPS Data to their Immovable Waqf Properties.

Kindly enter correctly the Name & Designation of the person who is doing the Property Survey in the "Surveyor Name & Designation" Field.
GPS Survey

GPS Survey involves recording of GPS Coordinates (i.e., Latitude & Longitude) of all the vertices (i.e., All Points or Corners) of an Immovable Waqf Property in a cyclic order (either Clock-wise or Anti-Clockwise) in decimal formats with a precision of 8 decimal values.

When you press "GPS Survey" then Mobile App will open new Screen where it will load Satellite Imagery and try to fix your Mobile location using GPS Satellites Services (Please Note: Searching may take 5-10 minutes for first location to search) if GPS Services are ON. Once GPS found out your Location then it will show a moving encircled Blue Point on the Imagery.

To capture GPS Coordinates of the Starting Point/Corner of the Waqf Property, you have to Zoom-In the Satellite Imagery and locate the Starting Point/Corner where you are presently standing. Now press "Stylus" (a pointing stick for Mobile Touch Screen) or Index Finger firmly on the Imagery where Starting Point/Corner is located to take its Latitude & Longitude Readings in the Capture Fields and then press "Capture" Button. In this way, one pair of GPS Coordinates of the Starting Point/Corner is listed in the List and you will also see a "Red marker" on the Imagery.

If you are able to figure-out all the Points/Corners on the Imagery, then press "Stylus" firmly on every Point/Corner one-by-one in a cyclic order except first Point/Corner and then press "Save" Button.

Otherwise, you can walk around the Waqf Property and capture the GPS Coordinates of all the Points/Corners except first Point/Corner and then press "Save" Button.

Note: While surveying if Surveyor find that “Red Marker” is not showing correctly on the Imagery where Surveyor is actually standing then he/she can Delete that Point by pressing “BIN” Icon (You can only delete last Point at a time) and then manually click on the Zoomed Map at the correct location to get its pair of Latitude & Longitude and then press “Capture” Button. In this way he/she can proceed for rest of the Points in a cyclic order.
It will display the Polygon Area thus created out of the Waqf Property surveyed and draw lay-out on the Imagery while saving the GPS Coordinates in XML Format.

Internally, Mobile App will store all the GPS Coordinates of the Waqf Property in XML File in the designated Folder.
**Photo Capture**

"Photo Capture" basically uses Mobile Camera to capture Photographs of Waqf Property and store them in a pre-defined Size, Format and Naming Convention.

It will also write Waqf ID, Prop.ID and Date of Photograph at the Bottom of each Photograph for easy identification of the Waqf Property.

You can save upto 5 (Five) Photographs for each Waqf Property. It is **advisable to capture all the four directions of the Waqf Property** by taking 4 Photographs one in each direction and **5th photograph from Inside the Waqf Property.**

You can delete any un-wanted Photograph by Pressing on its Thumbnail for few seconds and capture new photographs for the deleted ones.

Finally, you can press "Save" Button to save XML File as well as Photograph Files in the designated Folder.
Download XML

WAMSI Mobile App creates Data Files (XML & Image Files) in separate Folders by the name of Waqf ID & Prop.ID under a main Folder "WAMSI" in an internal memory (or Secondary Memory) for the Surveyed Immovable Waqf Properties. When you click on "Download XML" Button, you will be able to browse such Folders & Files on your Mobile.

Later, you can download these Files & Folders on your PC from Mobile using USB Cable for uploading in WAMSI On-line System using Waqf Board’s Registration Module Credentials.

In fact, this is an automated Data Input process for GPS Survey & Photogaphy of Waqf Properties with the help of WAMSI Mobile App.
What is Waqf ID?

Waqf ID consists of 8 characters, which identify a Waqf Estate uniquely across India. Its Format is as follows:

The first 2 characters comprises of the State Name Abbreviation (Caps) (e.g., AP for Andhra Pradesh) and remaining 6 characters are Numbers representing the Serial Number of Auqaf Register preceded by Zeros.

If different Auqaf Registers are maintained by the Waqf Board on the basis of Districts then 2 Characters (3rd + 4th) will represent the District either through Transport Code or Census Code (Alphabets or Numbers). Please check-up with the concerned Waqf Board what they have adopted for Waqf ID.

You may like to verify the correctness of Waqf ID, from WAMSI On-line System Public Interface @ http://wamsi.nic.in/ by clicking ('Search Properties') Menu Hyperlink after selecting a desired ('State') from the Map/List, before proceeding with GPS Survey of an Immovable Waqf Property.

What is Prop.ID?

Prop.ID consists of 5 characters, which identify the Waqf Property uniquely within a Waqf Estate (identified by Waqf ID). Its Format is as follows:

The first 2 characters comprises of Alphabets (Caps) indicating the Type of Property and remaining 3 characters are Numbers preceded by Zeros.

Prop.ID is automatically generated by WAMSI On-line System while adding an attached Waqf Property under a Waqf ID (i.e., Waqf Estate).

Kindly verify the correctness of Prop.ID for a given Waqf ID, from WAMSI On-line System Public Interface @ http://wamsi.nic.in/ by clicking ('Property/Report Card') Menu Hyperlink after selecting a desired ('State') from the Map/List, before proceeding with GPS Survey of an Immovable Waqf Property.
For any suggestion to improve the content of this Document, please write to:

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