

S1 Mobile Application for Android 1.1

Quick Reference Guide

Map View

GPS Position Bar:

- GPS position is displayed in Decimal Degrees
- Number of satellites acquired is listed
- Estimated GPS accuracy is displayed in meters (68% confidence)

44.30311, -120.81056, Sats: 8, Acc: 3 m

GPS Position:

- GPS Position icon changes as satellite fix is acquired
- Map is centered on current GPS location (if Auto Pan GPS is on)
-  GPS position on map without satellite fix
-  GPS position on map with satellite fix
-  Arrow within GPS position indicates direction of travel
-  GPS accuracy is represented by a blue ring around current location

Map View:

- Map View is capable of displaying different layers at same time:
 - Base Map
 - User Reference Map
 - Edit Geodatabase
 - S1 Waypoints
- Shows current GPS Position

Tools/Options Menu:

- Tap this button to open a menu for Options, Sync Data, and Download Data for offline viewing and editing
- Options
 - Number of average positions setting
 - Streaming Interval Seconds setting
 - Display Units: Metric or Statute (not currently functional)
 - Navigation Alert Distance setting (not currently functional)
 - Waypoints Visible checkbox
 - Auto Pan GPS checkbox
 - Switch User Logged Into S1 Mobile
- Sync Data
 - Use this tool to sync data with server when device has network connectivity
 - Sync duration depends on type of network connection
- Download Data from multiple sources
 - Edit Geodatabase
 - ESRI Base Map
 - Agency Base Map
 - User Reference Map

Activate GPS Button:

- Tap GPS button to activate GPS
- Location will show on screen once button is pressed
- GPS Position bar appears near top of map when GPS is activated

 Activate GPS button: OFF

 Activate GPS button: ON

Collect Features Menu:

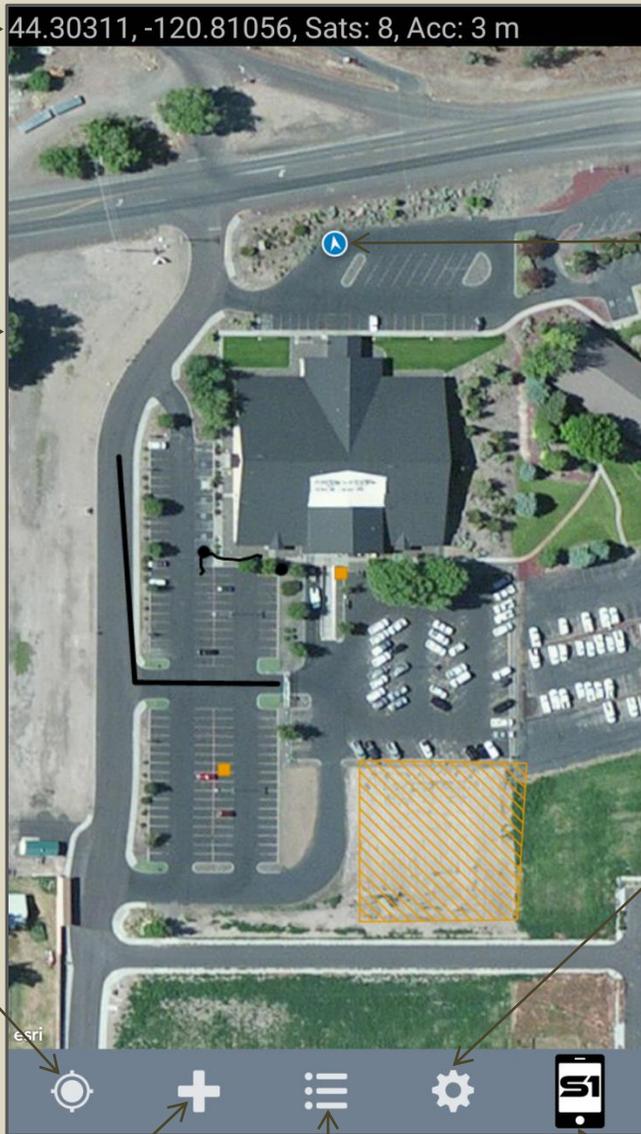
- Access this button when ready to collect new features
- Provides the ability to collect points, lines, or polygons in different layers
 - S1 Waypoints
 - Layers from a downloaded offline edit geodatabase
- Editable layers can be added to the map using the Manage Map Layers menu

Manage Map Layers Menu:

- This button delivers access to downloaded Base Maps, User Reference Maps, and Edit Geodatabases
- There can be only one of each in the current map view

About S1 Mobile Application:

- Tap this button to display information about the S1 Mobile Android Application
 - Quick Help, Help, and Version Information



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Edit Mode

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Map View:

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 - Base Map
 - User Reference Map
 - Edit Geodatabase
 - S1 Waypoints
- Shows current GPS Position

Activate GPS Button:

- Tap GPS button to activate GPS
- Location will show on screen once button is pressed
- GPS Position bar appears near top of map when GPS is activated

 Activate GPS button: *OFF*

 Activate GPS button: *ON*

Begin Streaming Button:

- Access this button when ready to stream or pause a line or polygon
- Currently in Streaming Mode and Pause button is promoted

 Begin Streaming button is promoted if Pause Streaming button is tapped (*now in pause mode*)

 Average GPS button is available in Pause mode

Add Attachment Menu:

- Ability to attach photo to a point, line, or polygon
 - Multiple photos can be taken per feature
- Photo can be attached using camera or existing photo

Edit Mode Toolbar:

- Appears when feature is created
- Save (mountain peak icon) button allows feature to be saved
 - Attribute form opens
- Cancel button (X icon) cancels feature being collected (a warning asks if you are sure)

GPS Position:

- GPS Position icon changes as satellite fix is acquired
- Map is centered on current GPS location (*if Auto Pan GPS is on*)
-  GPS position on map *without* satellite fix
-  GPS position on map *with* satellite fix
-  Arrow within GPS position indicates direction of travel
-  GPS accuracy is represented by a blue ring around current location

Current GPS Feature:

- Displays a sketch of feature (line in this example) with line segments in orange
- Appears as symbolized color once feature is attributed and saved

Position Capture Status Bar

- Status bar reports the number of positions (vertices) being collected for the line or polygon

Edit Options Menu:

- Nest Feature
 - Ability to capture a point while collecting a line or polygon
- Collect Settings gives access to S1 Options
- *Additional tools not currently functional in this release*
 - *Buffer PG - GPS*
 - *Delete Vertex*
 - *Offset*



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Select Mode

GPS Position Bar:

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Select Mode Toolbar:

- Attachment button (paper clip icon) allows photo capture for existing features
- Edit Feature (mountain peak icon) button allows feature attributes to be edited
- Delete button (X icon) deletes selected feature (a warning asks if you are sure)
- Tap off selected feature to unselect

Map View:

- Map View is capable of displaying different layers at same time:
 - Base Map
 - User Reference Map
 - Edit Geodatabase
 - S1 Waypoints
- Shows current GPS Position

Feature Bar:

- Text on Feature Bar indicates Current Selected Feature
- Attribute window appears when feature is selected
- Swipe Feature Bar if multiple features are selected to cycle thru attributes
- Feature Bar is only promoted when feature is selected

Activate GPS Button:

- Tap GPS button to activate GPS
- Location will show on screen once button is pressed
- GPS Position bar appears near top of map when GPS is activated

 Activate GPS button: OFF

 Activate GPS button: ON

Selected Feature:

- Attribute form for selected feature displays when feature is selected
- Selected feature appears with a blue/green box around border of feature

Collect Features Menu:

- Access this button when ready to collect new features
- Provides the ability to collect points, lines, or polygons in different layers
 - S1 Waypoints
 - Layers from a downloaded offline edit geodatabase
- Editable layers can be added to the map using the Manage Map Layers menu

Manage Map Layers Menu:

- This button delivers access to downloaded Base Maps, User Reference Maps, and Edit Geodatabases
- There can be only one of each in the current map view

Tools/Options Menu:

- Tap this button to open a menu for Options, Sync Data, and Download Data

GPS Position:

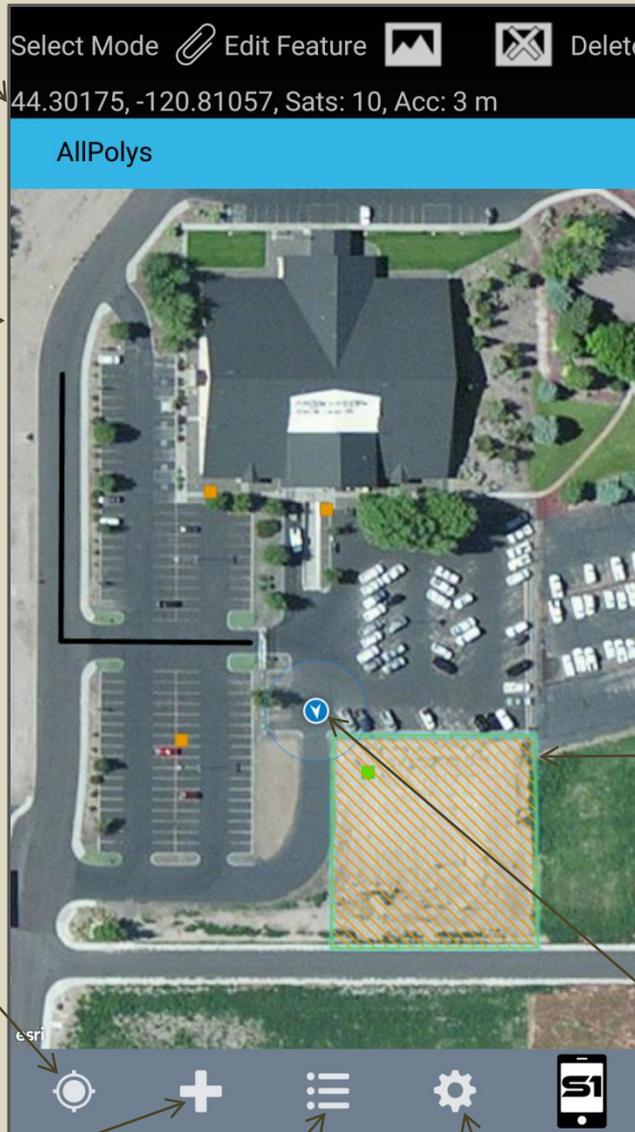
- GPS Position icon changes as satellite fix is acquired
- Map is centered on current GPS location (if Auto Pan GPS is on)

 GPS position on map without satellite fix

 GPS position on map with satellite fix

 Arrow within GPS position indicates direction of travel

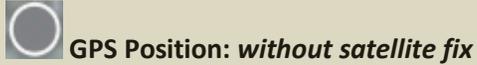
 GPS accuracy is represented by a blue ring around current location



S1 Mobile Application for Android 1.1

Quick Reference Guide

GPS Position in Map View



GPS Position: *without satellite fix*



GPS Position: *with satellite fix*



Arrow indicates direction of travel



Blue ring represents GPS accuracy

Application Toolbar



Activate GPS Button: *OFF*



Activate GPS Button: *ON*



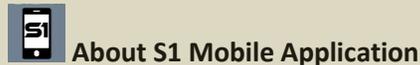
Collect Features Menu



Manage Map Layers Menu



Tools/Options Menu



About S1 Mobile Application

Edit Tools



Begin Streaming Button



Pause Streaming Button



Average GPS Button



Add Attachment Button



Undo Vertex Button



Edit Options Menu



Progress Circle: *Download or Sync*



Save Save Feature



Cancel Cancel Feature



Delete Delete Feature

Map Download Tools

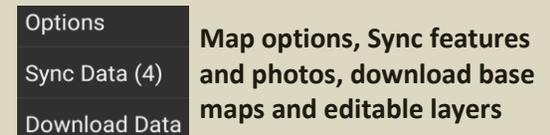


Download Button



Centers Map Extent on GPS Position

Options Menu



Options
Sync Data (4)
Download Data

Map options, Sync features and photos, download base maps and editable layers