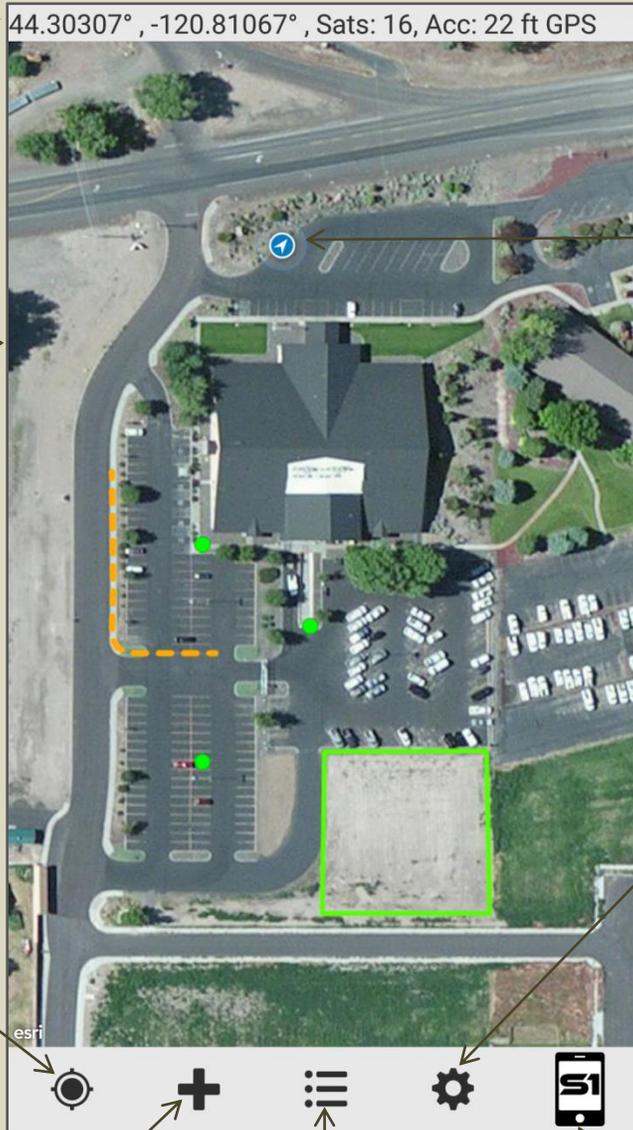


S1 Mobile Application for Android 2.3

Quick Reference Guide

Map View



GPS Position Bar:

- GPS position is displayed in Decimal Degrees, WGS84
 - Tap bar to access additional coordinate systems
- Number of satellites used in position fix
- Estimated GPS accuracy is displayed in meters or feet (68% or 95% confidence)
- Coordinate Source of GPS

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 menu
- Options
 - Number of average positions
 - Streaming Interval
 - Streaming Type: Time or Distance
 - Display Units: Metric or Statute
 - Navigation Alert Distance
 - Waypoints Visible checkbox
 - Auto Pan GPS checkbox
 - Accuracy Level: 68% or 95% confidence
 - Coordinate Units
 - Log Off
- Sync Data
 - Use this tool to sync data when device has network connectivity (Wi-Fi or 4G)
 - Sync duration depends on type of network connection
- Download Data from multiple sources
 - Edit Geodatabase
 - ESRI Base Map
 - Agency Base Map
 - User Reference Map
- Connect to Bluetooth GPS
- Tools
 - Measure (Distance and Area)

Activate GPS Button:

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

Activate GPS button: OFF

Activate GPS button: ON

Activate Bluetooth GPS button

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 provides access to downloaded Base Maps, User Reference Maps, and Edit Geodatabases
- The app can only display one of each in the map view
- Map content can be switched out, removed from the map view, or deleted from the device

About S1 Mobile Application:

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

S1 Mobile Application for Android 2.3

Quick Reference Guide

Edit Mode

GPS Position Bar:

- GPS position is displayed in Decimal Degrees, WGS84
 - Tap bar to access additional coordinate systems
- Number of satellites used in position fix
- Estimated GPS accuracy is displayed in meters or feet (68% or 95% confidence)
- Coordinate Source of GPS

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

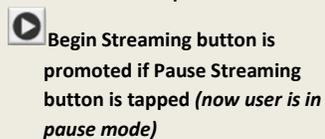
Activate GPS Button:

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



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



Attachment Menu:

- Ability to attach photos to a point, line, or polygon
 - Multiple photos can be taken per feature
- Photos can be attached using the camera or by browsing to existing photos

Edit Mode Toolbar:

- Submit Edit button allows feature to be saved
- Attribute View Toggle button allows user to switch between attribute form and map view
- Cancel button terminates the 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:

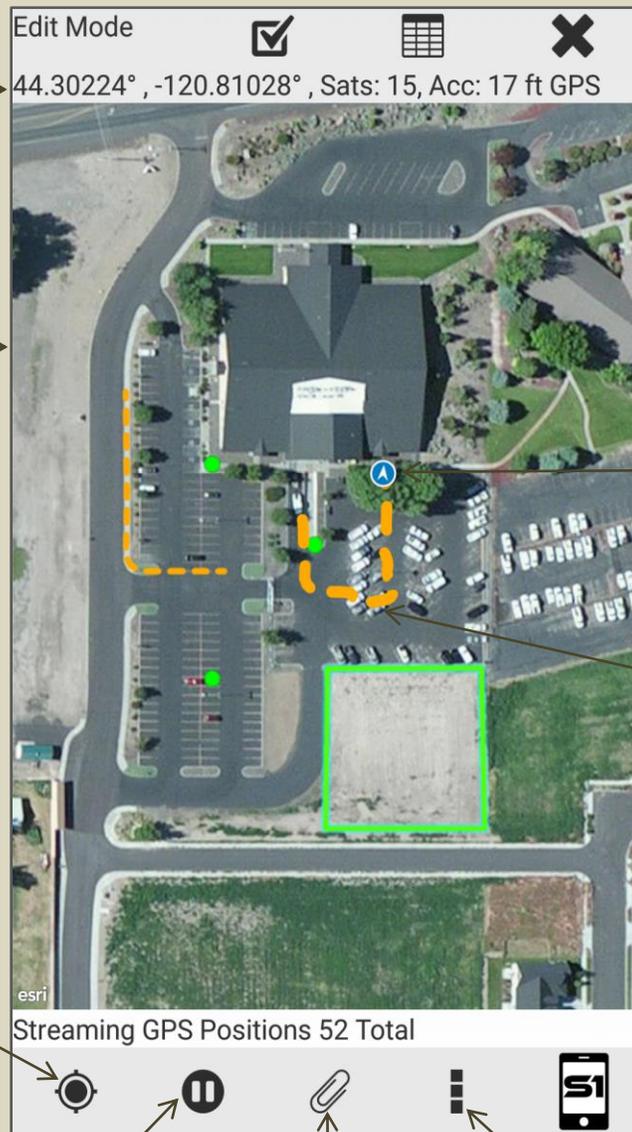
- Displays a sketch of feature (line in this example) with line segments in orange
- Appears as symbolized color once feature is attributed and saved

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
- S1 Options
 - User can access this menu while collecting a feature
- Additional tools not currently functional in this release
 - Buffer PG - GPS
 - Offset



S1 Mobile Application for Android 2.3

Quick Reference Guide

Select Mode



GPS Position Bar:

- GPS position is displayed in Decimal Degrees, WGS84
 - Tap bar to access additional coordinate systems
- Number of satellites used in position fix
- Estimated GPS accuracy is displayed in meters or feet (68% or 95% confidence)
- Coordinate Source of GPS

Select Mode Toolbar:

- Attachment button allows photos to be attached to existing features
- Edit Feature button allows feature attributes/geometry to be edited
- Delete Feature button 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 the name of the selected feature
- Swipe Feature Bar if multiple features are selected to cycle thru features
- Tap on Feature Bar to promote Feature Info display
- 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 tapped
- GPS Position bar appears near top of map when GPS is activated

Activate GPS button: OFF
 Activate GPS button: ON
 Activate Bluetooth GPS

Selected Feature:

- Selected feature is symbolized with a blue/green box around border of feature
- Tap screen at another location to unselect the 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 provides access to downloaded Base Maps, User Reference Maps, and Edit Geodatabases
- The app can only display one of each in the map view
- Map content can be switched out, removed from the map view, or deleted from the device

Tools/Options Menu:

- Tap this button to open a menu for Options, Sync Data, Download Data, Connect to Bluetooth GPS, and Tools

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 2.3

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*



Activate Bluetooth GPS Button



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



Attachment Button



Undo Vertex Button



Edit Options Menu



Progress Circle



Edit Feature Button



Submit Edit Button



Attribute View Toggle Button



Cancel Edit Button



Delete Feature Button



Map Download Tools

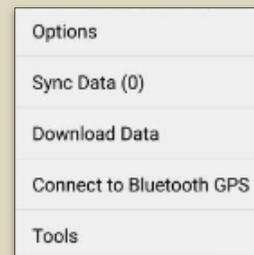
Download Button



Centers Map Extent on GPS Position



Options Menu



Navigation Mode



Measure Tool

