EDIT TOOLBAR

Start/Stop Editing	Display a submenu containing all the editable layers in the ArcPad map. Tapping a layer toggles its editing state.
Select	Activate the Select tool.
Point	Activate the point feature type for data capture.
Capture Point Using GPS	Capture a point feature in the editable point layer using the current GPS position.
Add GPS Vertex	Capture a single vertex in the current polyline or polygon feature using the current GPS position.
Add GPS Vertices Continuously	Continuously capture vertices in the current polyline or polygon feature using the current GPS position.
Feature Properties	Open the Feature Properties dialog box (or custom edit form) for the selected feature.
Offset Point	Activate offsets for point data capture.

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START/STOP EDITING DROP-DOWN LIST

Point Features Target Layers	Display the editable point feature layers.
Line Features Target Layers	Display the editable line feature layers.
Polygon Features Target Layers	Display the editable polygon feature layers.
Multi-Features Target Layers	Display the editable layers that support multiple feature types including graphics layers.

SELECT DROP-DOWN LIST

Select	Activate the Select tool.
Select And Vertex Editing	Activate the Select And Vertex Editing tool.
Select At GPS Position	Select the feature at the current GPS position.
Center On Selected Feature	Center the map on the selected feature without changing the current map scale.
Zoom To Selected Feature	Zoom to the selected feature.
Go To Selected Feature	Activate line-of-sight or ArcLogistics navigation.
Clear Selected Feature	Unselect the selected feature.

POINT DROP-DOWN LIST

Point	Activate the point feature type for data capture.
Line	Capture a straight-line feature using the stylus.
Polyline	Activate the polyline feature type for data capture and start a new line feature.
Freehand Line	Capture a freehand line feature using the stylus.
Rectangle	Capture a rectangle polygon feature using the stylus.
Polygon	Activate the polygon feature type for data capture and start a new polygon feature.
Ellipse	Capture an ellipse polygon feature using the stylus.
Circle	Capture a circle polygon feature using the stylus.
Freehand Polygon	Capture a freehand polygon feature using the stylus.
Text Point	Capture a text feature relative to a point using the stylus.
Text Polyline	Capture a text feature relative to a line using the stylus.
Text Polygon	Capture a text feature relative to a polygon using the stylus.
Text Rectangle	Capture a text feature relative to a rectangle using the stylus.
Text Ellipse	Capture a text feature relative to an ellipse using the stylus.

FEATURE PROPERTIES DROP-DOWN LIST

Feature Properties	Open the Feature Properties dialog box (or custom edit form) for the selected feature.
Insert Vertices	Insert new vertices to the selected polyline or polygon.
Append Vertices	Add new vertices to the end, or tail, of the selected polyline.
Move Feature	Move the selected feature.
Rotate Feature	Rotate the selected polyline or polygon feature.
Scale Feature	Change the size of the selected polyline or polygon feature relative to the original size.
Resize Feature	Change the size of the selected polyline or polygon feature.
Delete Feature	Delete the selected feature.

OFFSET POINT DROP-DOWN LIST

Offset Point	Activate offsets for point data capture.
Offset Polyline/Polygon	Activate left or right offsets for polyline or polygon data capture.
Linear Traverse	Activate the linear traverse mode for capturing a new polyline or polygon feature.
Radial Traverse	Activate the radial traverse mode for capturing a new polyline or polygon feature.
Set Reference Point A	Set a reference point, A, for capturing a single-point offset.
Set Reference Point B	Set a second reference point, B, for capturing a two-point offset.
Segment Polyline	Add new polylines that start at the end of the selected polyline.

QUICKCAPTURE TOOLBAR

Capture Photo At GPS	Launch the camera tool and capture a geotagged photo in the default photo layer.
Capture Photo At Screen Tap Location	Tap screen to launch the camera tool and capture a photo in the default photo layer.
Capture Feature	Individual features defined in the map are itemized here as individual tools. Tap to capture a new feature.

NAVIGATION TOOLBAR

Add Basemap	Add StreetMap™ data as a basemap to ArcPad.
Find Location	Reverse geocode a location.
Convert Location To Stop	Convert the current location to a stop.
Create Route From Stops	Find a route between stop points while preserving the order of the stops.
Edit Stops	Open the Edit Stops dialog box, which allows you to change the order of the stops, temporarily disable stops, and delete stops.
Driving Directions	Display or hide driving directions for the current route.
StreetMap Preferences	Open the StreetMap Preferences dialog box.

FIND LOCATION DROP-DOWN LIST

Find Address Or Location	Open a dialog box for finding an address, city, intersection, or POI.
Find Location From GPS Position	Find a location using the current GPS position.
Find By Latitude/ Longitude	Find a location using the coordinates.
Unselect Location	Remove the location highlight from the map.

CONVERT LOCATION TO STOP DROP-DOWN LIST

Convert Location To Stop	Convert the current location to a stop.
Convert Location To Barrier	Convert the current location to a barrier.
Convert Location To Pushpin	Convert the current location to a pushpin.

CREATE ROUTE FROM STOPS DROP-DOWN LIST

Create Route From Stops	Find a route between stop points while preserving the order of the stops.
Create Optimized Route	Find a route between stop points by reordering intermediate locations.
Clear Route	Remove a calculated route from the map.

EDIT STOPS DROP-DOWN LIST

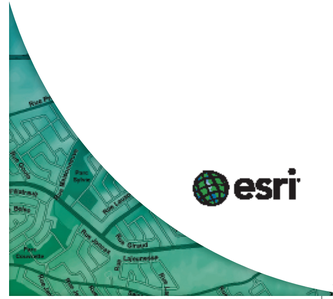
Edit Stops	Open the Edit Stops dialog box, which allows you to change the order of the stops, temporarily disable stops, and delete stops.
Edit Barriers	Open the Edit Barriers dialog box, which allows you to edit properties of barriers, temporarily disable barriers, and delete barriers.
Edit Pushpins	Open the Edit Pushpins dialog box, which allows you to edit properties of pushpins, temporarily disable pushpins, and delete pushpins.

COMMAND BAR

Save Geometry Changes	Save geometry changes to an existing feature.
Proceed To Attribute Capture	End the geometry capture of a new feature and proceed to capturing the feature's attributes.
Undo	Undo the last edit made to a feature.
Pen Toggle	Enable or disable use of the stylus for capturing new features.
Cancel	Cancel edits to an existing feature's geometry or cancel capture of a new feature.
Add GPS Vertex	Capture a single vertex in the current polyline or polygon feature using the current GPS position.
Add GPS Vertices Continuously	Continuously capture vertices in the current polyline or polygon feature using the current GPS position.

ArcGIS®

ArcPad® Quick Reference 10



G38414_APad10_RefGd_118028.indd 1-8 5/17/10 10:49:52 AM

GPS POSITION WINDOW

The GPS Position window displays a rich variety of information about the GPS satellites, position coordinates, and navigational information. The information is spread across five tabs: Data, Skyplot, Compass, Quality, and Debug.

Data

The **Data** tab displays the following GPS position information:

GPS Position Coordinates
Tap and hold the coordinate display to change the coordinate system:

- Map Projection
- DMS (ddd°mm'ss.sss")
- DMM (ddd°mm.mmmm')
- DD (dd.dddddddd°)
- UTM (Universal Transverse Mercator)
- WGS84 DMS (ddd°mm'ss.sss")
- WGS84 DMM (ddd°mm.mmmm')
- WGS84 DD (dd.dddddddd°)
- MGRS (Military Grid Reference System)

GPS Mode

NOFIX: No position
2D: x,y position
3D: x,y,z position
DGPS 2D/3D: Real-time differential GPS
SBAS 2D/3D: Real-time differential GPS from a satellite-based augmentation system such as WAAS (SiRF protocol only)
RTK fix/flt: Real-time kinematic fixed or float solution
PPS 2D/3D: Precise positioning service

Elevation
Tap and hold the elevation display to change units:

- Altitude (meters or feet)
- Depth (meters or feet)

Navigation Information
SOG: Speed over ground
Tap and hold the COG display to change the reference:

- TCOG: True north course over ground
- MCOG: Magnetic north course over ground
- DST: Distance to destination
- BRG: Bearing to destination

Position Measure of Quality

The **Quality** tab shows the quality of GPS data.

Tap and hold the display to change the measure:

PDOP: Position dilution of precision
HDOP: Horizontal dilution of precision
VDOP: Vertical dilution of precision
TDOP: Time dilution of precision
HPE: Estimated horizontal position error
VPE: Estimated vertical position error
EPE: Estimated position error
SATS: Satellites used in solution
DAGE: Differential data age
DSID: Differential reference station ID

Skyplot

The **Skyplot** tab shows the almanac of satellites that should be available.

Black outlined: Available and used for calculating the GPS position

Colored with no outline: Available but not used

Gray: Unavailable

Signal Chart
Shows a vertical bar chart of the PRN numbers and relative signal strengths of the satellites in the almanac. An asterisk (*) indicates the satellites used for calculating the GPS position.

Compass

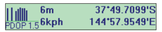
The **Compass** tab shows the GPS direction with a black arrow and direction to destination in red.

Debug

The **Debug** tab shows the GPS data being received from GPS.

GPS Status Bar

The GPS status bar is a translucent window that displays over the top of your map.



The background color of the GPS Status Bar indicates the current conditions of the GPS measurements according to the alerts that have been defined in ArcPad®. A green background indicates that the quality is acceptable according to the set alerts, yellow indicates that the quality parameters are not met, and red indicates no fix.

MAIN TOOLBAR

Open Map	Open an ArcPad map (a file with an .apm extension).
Save Map	Save the current ArcPad map.
Add Layer	Add one or more layers to the current map.
Table Of Contents	Open the Table of Contents dialog box.
GPS Active	Activate or deactivate the GPS.
Options	Open the ArcPad Options dialog box.
Refresh	Redraw the map.
Quick Reference Help	Open the ArcPad Quick Reference.

OPEN MAP DROP-DOWN LIST

New	Display a submenu for creating a new QuickProject, map, shapefile, QuickForm, graphics layer, or photo layer.
Open Map	Open an ArcPad map (a file with an .apm extension).
Save Map	Save the current ArcPad map.
Save Map As	Save the current ArcPad map with a new name and/or in a different folder.
Map Properties	Open the Map Properties dialog box.
Recent Maps	Display the nine most recently opened maps.
Recent Layers	Display the nine most recently added layers.
Exit	Close ArcPad.

NEW SUBMENU

QuickProject	Close the current map and create a new data capture project with ready-to-use point, polyline, and polygon shapefiles.
Map	Close the current map and create a new map.
Shapefile	Create a new shapefile and load it into the current map.
QuickForm	Create a custom form for an existing shapefile.
Graphics Layer	Create a new graphics layer and load it into the current map.
Photo Layer	Create a new photo layer and load it into the current map.

ADD LAYER DROP-DOWN LIST

Add Layer	Add one or more layers to the current map.
Add Data From Server	Add an ArcGIS® Server ArcPad service or ArcIMS® image service as a layer to the current map.
Synchronize Data With ArcGIS Server	Upload and download data to and from an ArcGIS Server ArcPad service.

GPS ACTIVE DROP-DOWN LIST

GPS Position Window	Open or close the GPS Position window.
GPS Active	Activate or deactivate the GPS.
GPS Tracklog	Start or stop storing GPS points in the track log shapefile.
Rangefinder Active	Activate or deactivate the range finder.
GPS Preferences	Open the GPS Preferences dialog box.
Rangefinder Preferences	Open the Rangefinder Preferences dialog box.
GPS/Rangefinder Debug	Open or close the GPS and Rangefinder Debug window.
Automatic Map Rotation	Automatically rotate the map to "course up" when the GPS is active.
Clear Rotation	Clear the map rotation so that the map is "north up."

OPTIONS DROP-DOWN LIST

Options	Open the ArcPad Options dialog box.
Advanced Settings	Open the Advanced Settings dialog box.
Map Navigator	Display or hide the map navigator.
Scale Bar	Display or hide the scale bar.
Panning Frame	Display or hide the map panning frame.
Status Bar	Display or hide the status bar.
North Arrow	Display or hide the north arrow in the map view.
Extension Tools	Open the Preferences dialog box for the loaded extension.

HELP DROP-DOWN LIST

Help	Display a submenu containing Quick reference help, ArcPad Help, and a link to ESRI Support Center.
Quick Reference Help	Open the ArcPad Quick Reference.
Help	Open the ArcPad Help (PC only).
ESRI Support Center	Go to the support.esri.com Web site using the default Internet browser.
About Extension	Display a submenu listing all loaded ArcPad extensions.
About ArcPad	Open the About ArcPad dialog box.

BROWSE TOOLBAR

Zoom In	Zoom in on the map using the stylus.
Zoom To Full Extent	Zoom to the full extent of the map.
Go Back To Previous Extent	Zoom back to the previous extent you were using.
Identify	Activate the Identify tool.
Find	Open the Find tool.
Clear Selected Feature	Unselect the selected feature.
Quick Draw	Toggle map between full and optimized rendering.

ZOOM IN DROP-DOWN LIST

Zoom In	Zoom in on the map using the stylus.
Zoom Out	Zoom out on the map using the stylus.
Pan	Pan the map using the stylus.
Rotate Map	Set the map rotation angle.

ZOOM TO FULL EXTENT DROP-DOWN LIST

Fixed Zoom In	Zoom in from center of the map by 25%.
Fixed Zoom Out	Zoom out from center of the map by 25%.
Zoom To Selected	Zoom to the extent of the selected feature.
Center On GPS	Center the map on the current GPS position.
Zoom To Full Extent	Zoom to the full extent of the map.
Zoom To Layer	Zoom to the extent of a particular layer in the map.

GO BACK TO PREVIOUS EXTENT DROP-DOWN LIST

Go Back To Previous Extent	Zoom back to the previous extent you were using.
Go To Next Extent	Zoom forward to the next extent in the extent history.
Create Bookmark	Create a spatial bookmark.
Zoom To Bookmark	Zoom to an existing spatial bookmark.

IDENTIFY DROP-DOWN LIST

Identify	Activate the Identify tool.
Measure	Measure distances in the map view in point mode.
Radial Measure	Measure radial distances in the map view using the stylus.
Freehand Measure	Measure distances in the map view in freehand mode.
Hyperlink	Activate the Hyperlink tool.
Go To	Activate line-of-sight or ArcLogistics™ navigation.
Label	Activate the Label tool.
Advanced Select	Activate the Advanced Select tool.