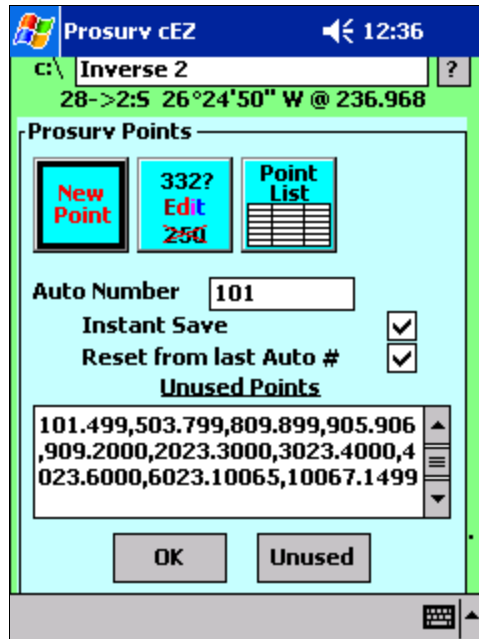


Prosurv cEZ Points



Tap the **Points** button to access your current job's points.

Options include:

- Reset your Auto #
- Instant Save of computed points On/Off
- Auto reset of Auto # based on your last Auto # On/Off
 - Example: Auto # is 300, point being saved (300) is already used, moves to next available point automatically starting with 300 instead of 1
- View a list of unused point numbers

Functions include:

- Enter **New Points**
- Update/Edit/Delete/View/Find individual points
- View numeric point list with edit and find capability

New Point

Enter One or More New Points

Anytime you need to simply enter the coordinates of a point, you can use this routine. **However, many functions in Prosurv cEZ and Prosurv Data Collection allow you to enter the coordinates of a point if that point is not found (for example when using the Setup routine in Prosurv Data Collection if the Gun or Backsight point is not found).**

Entering coordinates.
 Enter the appropriate point number and coordinates and then tap **Save** to store the new point. The point number is automatically increased if the last point stored actually used the next auto point number. For example, the auto-number may be set to 353, but you needed to store point number 1. The auto-number will remain at 353 since you did not use that number.

If you would like to change the **auto point number to #1**, simply enter a **negative** in front of the number. For example, enter -1. Now, once this point is stored, the next point # to appear will be 2. Notice that your last descriptor is also displayed in case you need to use it for the next point you enter.

You may enter a **Latitude & Longitude** instead of a coordinate pair. Just enter the Lat/Long in **D.MMSSsssss format**, and select Lat/Long at the bottom of the dialog. The Latitude and Longitude will be converted to State Plane Coordinates and stored. Prosurv cEZ does not store Lat's and Long's, it only stores the SPC's and computes Lat/Long when needed. If you haven't yet selected a zone, you will see a dialog allowing you to select from the zone list.

To select from your Pop-Up Quick Codes or complete Feature Code list, simply tap the Fcodes button. The code(s) that you select will be placed in the Feature Code text box when you're done selecting the code(s).

If you have Pop-Up Quick Codes turned **On**, then you will see the Pop-Up Quick Codes list when you tap the **Fcode** button.

You can view the entire Feature Code list by tapping the **Fcode** button in the Pop-Up Quick Codes window.



If Pop-Up Quick Codes are **Off**, or if you tap the **Fcode** button while in the Pop-Up Quick Codes window, you will see the **Select Feature Code** window.

The top text box of the Feature Code window is where you can hand-enter any code or text you'd like. The text box also displays your selected (tapped) codes.

Tap the **OK** button when you're done selecting and entering your code(s).

Multiple codes are supported by Prosurv cEZ and are separated automatically by your Feature Code Separator. Control codes are automatically separated from your feature codes by your Control Code Separator.

Note: The ending (feature code separator) is automatically clipped when you tap OK.

Available buttons in the **Select Feature Code** window include:

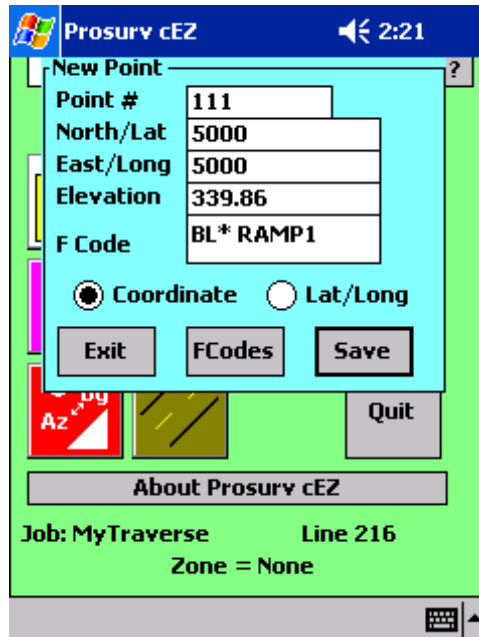
- **Clear**—Clears the text box
- **Insert #**—A small window appears, asking for a line number for the code. Example is when using line numbering for TC's, such as TC1, TC2, TC3 and so forth. You can tap the **Insert #** button and instantly insert a line number into a feature code. In the example above, you selected a control code (BL*) and feature code (RAMP) by tapping them. The text **BL* RAMP_** appeared in the text box automatically. Now, when you enter the line #, **it will automatically be placed between the word RAMP and the underscore (your feature code separator)**
- **Key Search** check box—Check this box to have Prosurv cEZ automatically search through the list each time you type a letter into the text box. For example, if you type **R**, it jumps to the first R in the list. Then, if you type **A**, Prosurv cEZ jumps to **RA** and so on
- **Sort FC**—Sort the Feature Code list by alphabetical order
- **Sort Num**—Sort the Feature Code list by it's numerical list. Prosurv cEZ supports numeric code lists which are represented in the 3rd column of the list
- **Clear Srch**—Clears the Key Search

Code	Description	3rd Column
QTR	1/4 SECTION CORNER	
RAIL	RAILING	
RAMP	RAMP (WHEELCHAIR /	
RCCA	REIN CONC CULY PIPE	
RCCB	REIN CONC BOX CULVE	
RCCE	REIN CONC CULY PIPE	
BL*	Begin a line	
CF*	Curve fit	
CL*	Close figure	
EL*	End a line	

- **FCode Sep**—Multiple feature code separator such as an underscore. You can set this as a default in your ProsurvCE_Defaults.txt file. Example would be **TC1_TC2**
- **CCode Sep**—The separator between your control code and the feature code. By default it's a space, but again you can change the default in your ProsurvCE_Defaults.txt file
- **?**—The Question mark button inserts a question mark after your feature code. If a question mark is in the text box, Prosurv cEZ will search for the next unused line number for that code when you tap the **OK** button. For example, if you type **TC?** (or you selected TC and tapped the ? button), and then tap **OK**, Prosurv cEZ will display the next available (unused) line number for **TC**, such as **TC12**. Then just tap **OK** again to store the code. Multiple ? marks are supported, like **TC?_RAMP?**

After tapping **OK** in the Feature Code Selection window, the code will be displayed with the New Point.

Tap **Save** to store the point.



332?
 Edit
 250

Update/View/Edit/Delete/Find Individual Points

Update Points
2:24
ok

Point #	1
Northing	10000.000
Easting	10000.000
Elevation	498.230
F Code	CP A

Attributes

<<-
<-
->
->>

Find

Find
Edit
Delete

<input checked="" type="radio"/> Point #	Record #
<input type="radio"/> N&E Range	1
<input type="radio"/> Elev Range	Qf
<input type="radio"/> F Code	28
<input type="radio"/> Attribute	

To Lat/Long
Last Point

The **Update Points** routine can perform many functions:

- Scroll through your points record by record
- Jump to the First or Last points in the record list (not necessarily the first or last points of the job)
- Find points by:
 - Point #
 - Northing and Easting Range
 - Elevation Range
 - Feature Code (text in)
 - Attributes (text in)
- View coordinates or Latitude & Longitude
- Jump to the last saved point
- Edit a point's data
- Delete points (1, Point Range, or Points in a SET)

Find points by **Point #** is currently selected, so tapping the **Find** button allows you to enter a point number to search for.

Update Points 2:31 ok

Find by Point # 1

Point # 299 10000.000
10000.000
498.230
CP A

Attributes

Find Edit Delete

Point # N&E Range Eley Range

Record # 1

123 [] { } 7 8 9 # % = ←
^ , . < > 4 5 6 + - * /
± ° : \ | 1 2 3 ↓ ↑ ← →
\$ ¢ € £ ¥ (0) Tab space ←

Tapping the **Edit** button brings up the **Change Point** window. Here, you can view and edit any data for that point. Tap **OK** in the upper right corner to exit without saving the changes, or tap **Store** to save the changes for that point.

Change Point 1 2:34 ok

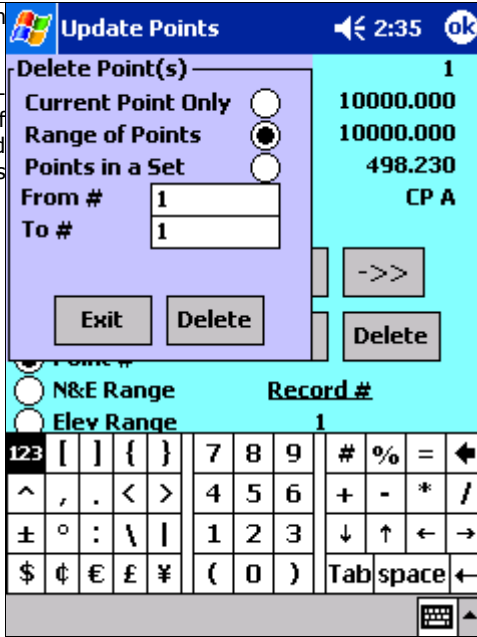
Northing 10000
Easting 10000
Elevation 498.23
FCode CP A
Att's

Tap OK to Exit without saving changes

Store

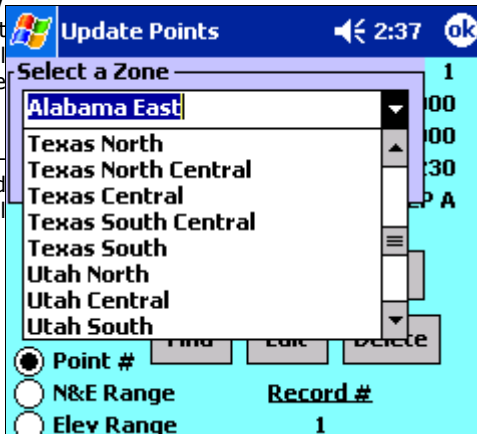
Tap the **Delete** button to delete point(s).

You can delete the Current Point, a Range of Points, or Points contained in a SET (the SET itself is NOT deleted).



If you tap **To Lat/Long** and you are not using a SPC Zone, you will be asked to select a zone from the drop-down list.

Once a zone is selected, the Latitude and Longitude of the point will be displayed.



Tap **OK** in the upper right corner to exit the Update Points routine.

Point List

View a Numeric Point List/View SET List/Edit/Find Points

Points: Pg #1 of 3
2:41
ok

<
>
 PNEZF PA

Jump to Page
 Go

Find #
 Go

List Set

Pt #...North...East...Elev...FCode

1	10000.000	10000.000	
2	10641.510	10317.184	
3	10006.856	9607.192	
4	10641.510	10317.184	
5	10006.856	9607.192	
6	10646.903	10306.033	
7	10000.057	9607.133	
8	10466.579	10542.627	
9	10159.794	9641.098	
50	4830.290	1169.710	

<
|||
>

▲

The **Point List** routine offers the following functionality:

- View a numerical list of your points, 10 points per page
- Scroll through your pages
- Jump to a Page
- View Point #, Northing, Easting, Elevation, Feature Code **PNEZF**
- View Point #, Attributes **PA**
- Find a point by point #
- List points and their coordinates that are in a SET
- Tap a point to edit

Scroll to the right to see more information about each point such as elevation, feature code, and attributes (if **PA** is selected). Tap the **OK** button to exit.