

# Want to import waypoints from another program into Pro Charts?

## – Here's how:

- 1) Export your waypoints from your other mapping program to a CSV or Excel file.
- 2) Open the file in Excel.
- 3) Re-organized the data into the following columns:

**ID   Name   Notes   Icon   Lat   Lon   Display on Screen**

- a. ID – This can be any number. You might want to number each of your waypoints sequentially.
  - b. Name – This is a text field where you can name your waypoints
  - c. Notes – This is a text field with any notes about your waypoints
  - d. Icon – This is the ID for the icon to be shown in Pro Charts for the Waypoint. For the default Pro Charts blue dot, enter **waypoint\_icon11.png**. If you prefer a red dot, enter **waypoint\_icon9**
  - e. Lat and Lon – Latitude and Longitude must be in decimal format. In other words, they should look like this: 27.929360, -82.521973. If the waypoints to be imported are in the Degrees/Minutes format or the Degrees/Minutes/Seconds format, you will need to convert them.
    - i. To convert from the Minutes format (e.g. N 27° 55.760' W 83° 31.320'), use this formula: Decimal = Degrees + Minutes/60
    - ii. To convert from the Minutes/Seconds format (e.g. N 27° 55' 46" W 83° 31' 19"), use this formula: Decimal = Degrees + Minutes/60 + Seconds/3600
  - f. Display on Screen – This must be a 1 or a 0. Enter 1 if you want the waypoint to appear on Pro Charts's main screen or 0 for it to be hidden.
- 4) When you are finished organizing your waypoints into the proper columns, your data should look like this:

<b>ID</b>	<b>Name</b>	<b>Notes</b>	<b>Icon</b>	<b>Lat</b>	<b>Lon</b>	<b>Display on Screen</b>
1	Waypoint 1	Good fishing	waypoint_icon14.png	27.897705	-82.591164	1
8	Waypoint 8	Wreck	waypoint_icon14.png	27.919304	-82.560902	1

- 5) Save the Excel document as a CSV (comma delimited) file.
- 6) Email the CSV file to yourself.
- 7) Open the email on your iPad (or iPhone) and double-click on the attached CSV file.
- 8) When asked which app to open the file with, select Pro Charts.
- 9) The waypoints should show up in Pro Charts the next time you open the app.