



POSPac Question / Answer

By Mike Kalmbach

Here's a question I was asked:

Though we had tight RTK control throughout the survey (from a local high-order base), we are using POSPac to generate a post-processed solution. I want to confirm that I can apply the SBET file to either raw or edited data. We have to wait a few days for the SBET file and don't want to spend time cleaning if we can't apply to the edited data.

Yes, you can edit the soundings first and apply the POSPac corrections file (SBET) later. There's a 'gotcha' though and it needs to be done a certain way.

LOADING RAW DATA FILES (HSX) FOR INITIAL EDIT

In the Corrections pop-up, do not select a Tide File! Tide Files over-ride all other tide sources and you can't go back.

In the Read Parameters, Selections tab make sure to selection HYPACK® Navigation as the Tide device. Even though this data will be replaced later, MBMAX editing requires it.

Then go about soundings edit and save to HS2.

LOADING EDITED DATA FILES (HS2) FOR POSPAC CORRECTIONS.

If the HSX files were loaded as above, you are in the clear. Load the resultant, clean HS2 files and apply the POSPac corrections from Tools menu. Save to HS2 again (and/or XYZ) and on you go.