How to Convert a PRF into a Border File

Standard Operating Procedure

Revision History

Version	Date	Revision Description	Updated by
1.0	October 14, 2019	1st distribution to NOAA ships	Charles Corea

(Latest change at the top of the table)
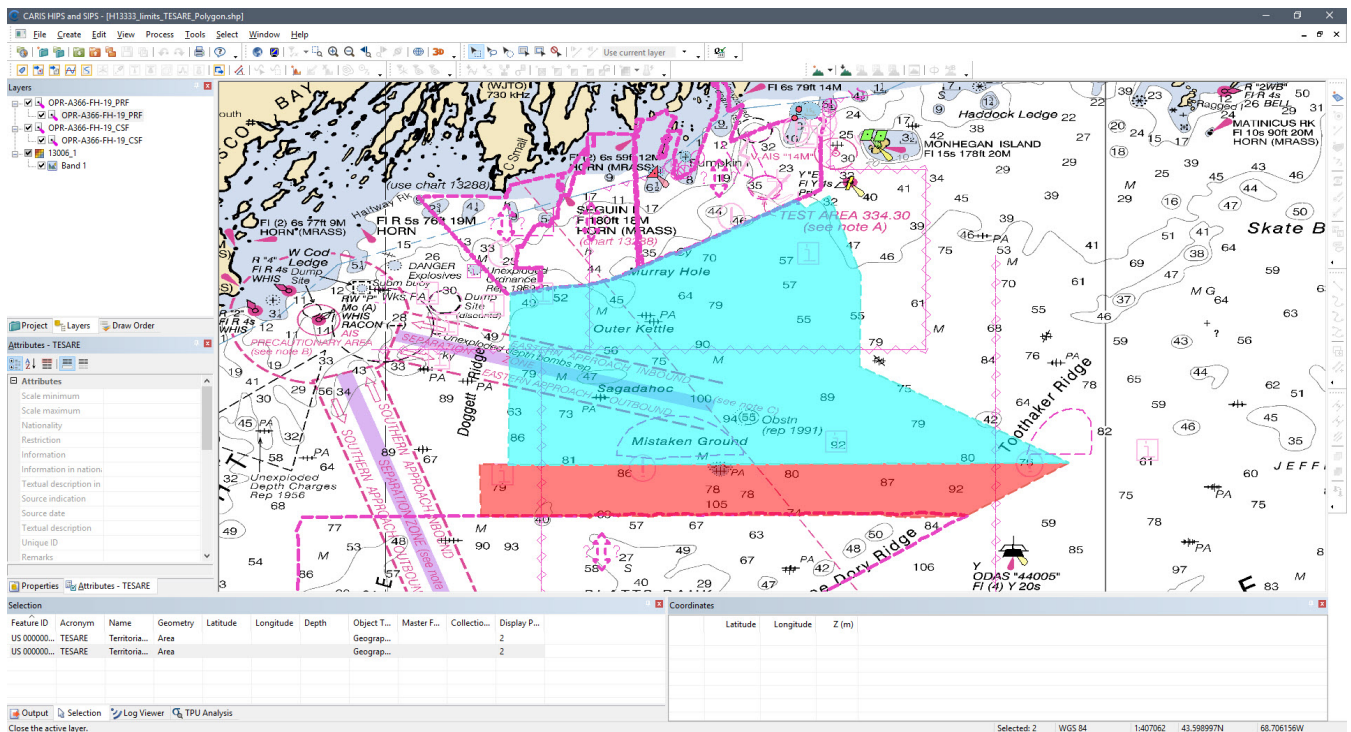
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1. OVERVIEW

Creating a Border File in Hypack is an essential step that must be taken when planning your next survey. This SOP will explain how to use the PRF files given in the FTP website to make a Border File with its exact points. No guessing or estimations have to be done with this procedure.

2. PROCEDURE

This method for creating the Border File uses Caris 10.4 or later and Hypack 2018 or later. In order to begin this process you must have the PRF file downloaded from the FTP website. Once the Border File is made you will be able to make a line plan, a time estimate, or any other tasks necessary to pre-survey planning.
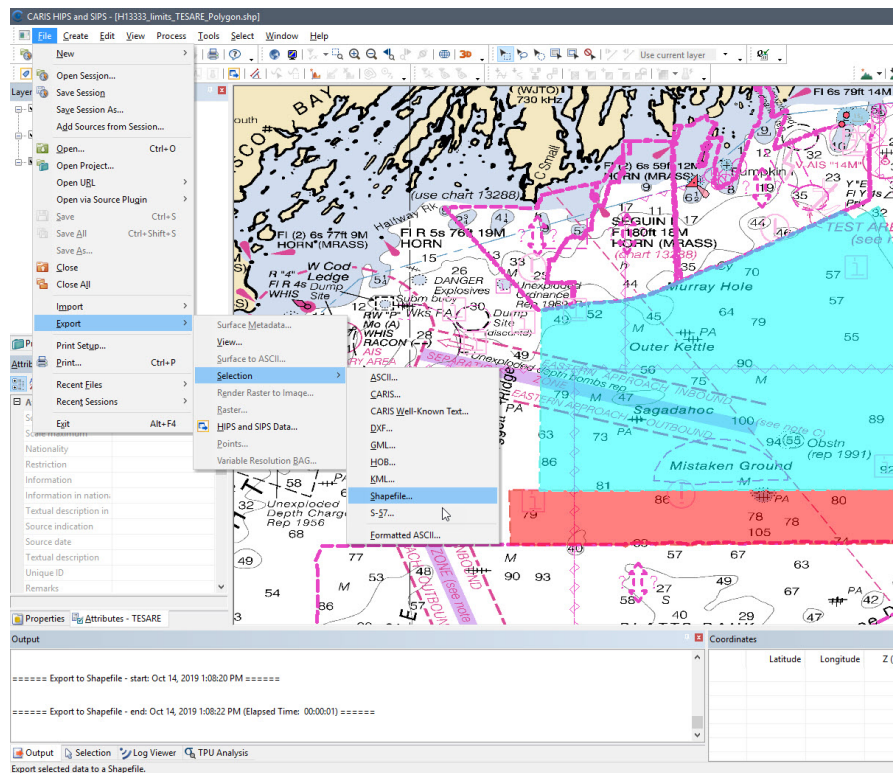
3. WORK INSTRUCTIONS

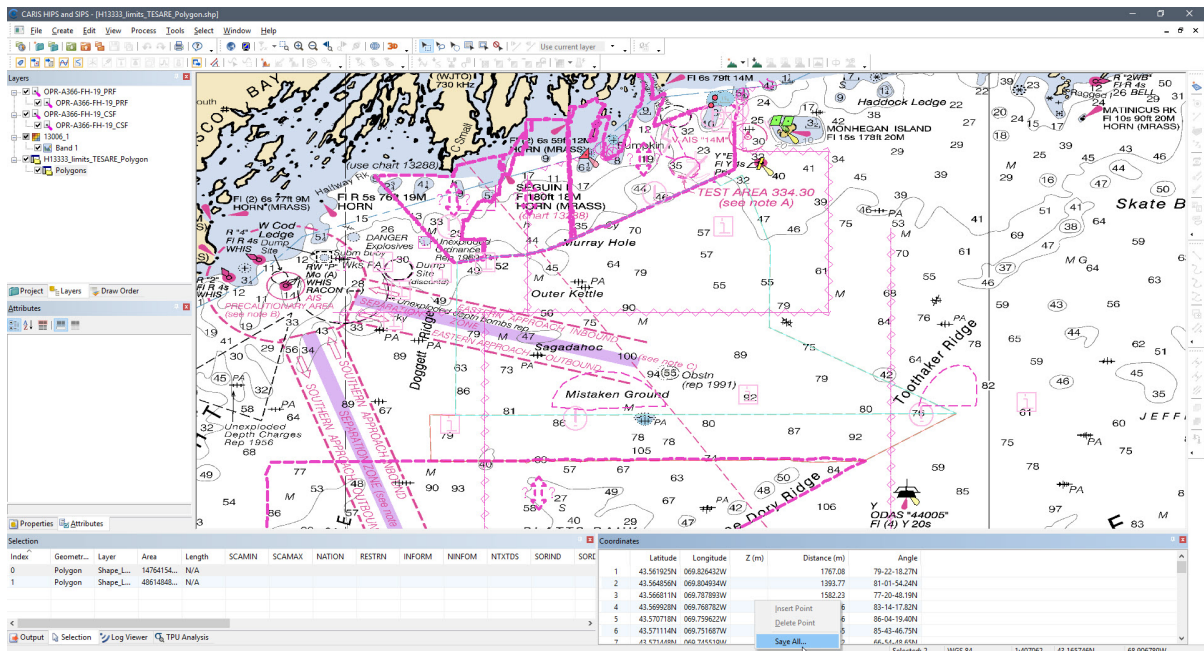1. Open Caris and load in PRF files that were given in the FTP site.

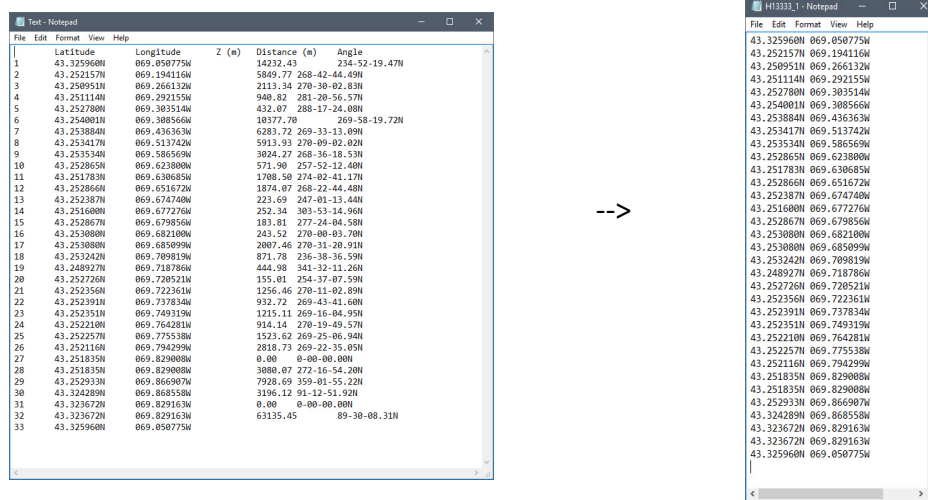2. Select the areas you need and export them to shapefiles.

    File > Export > Selection > Shapefile

3. Load the shapefile into Caris, right click on coordinated and save the text tile.

4. Open the text file and delete everything except the coordinates.

5. Open project in Hypack and open Border Editor.
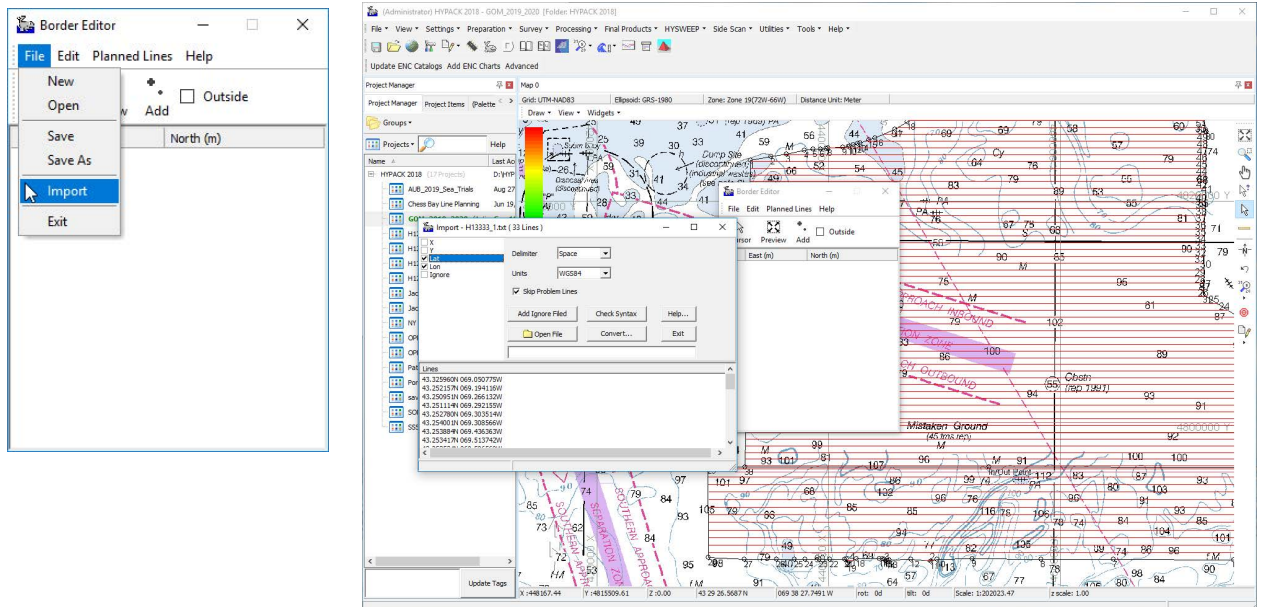
   File > Import

   Check Lat and Lon boxes

   Delimiter: Space

   Units: WGS84

   Open File: the text file created in the above steps

   Press Convert and then Save

6. You now have a border file with the exact points of the PRF file.