

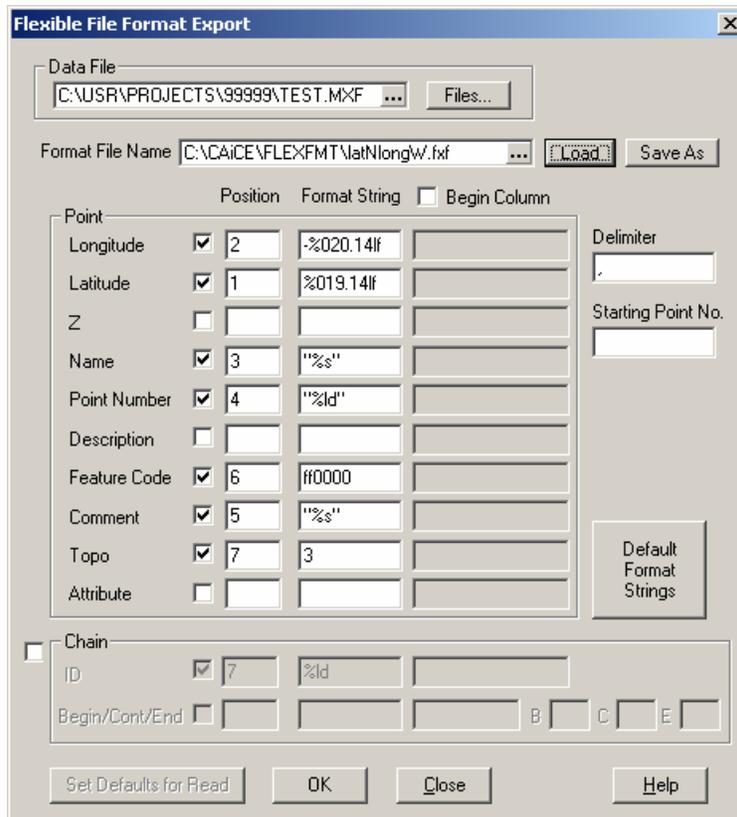
Introduction

The purpose of this section is to explain how to export points from the CAiCE PT4 database to an .MXF file, which is the import file format required by Terrain Navigator Pro. All latitude and longitude data must be supplied in **decimal degrees**, and WGS84 datum to Terrain Navigator Pro.

Procedure

CAiCE

1. CAiCE PT4 database coordinates must be converted to Lat Long (as explained in the 'Convert Coordinates in CAiCE' document).
2. From the main CAiCE menu > **File > Flexible File Format > Write** (or Export).
3. Select Objects using selection criteria.
4. Click **OK**



5. > **Files** (Data File – Select the output path and name the output file).

Note: Save this file with an **.MXF** extension.

6. Click **Open**
7. > **Load** (Format File Name – Load the flexible file **ExportLatNlongW.fxf**).
Note: The flexible file **ExportLatNlongW.fxf** is available from ODOT Geometronics.
Note: Load displays the 'Write flexible file format – Open' dialog box which allows you to load a previously saved flexible file format.
8. Click **OK**
9. Click **Open**
10. Click **OK**
11. Click **OK**
12. Convert the NEMA format (degrees, minutes, and decimal minutes format) to decimal degrees format using the macro **NEMA-DecMin_to_DecDeg.lib**
Note: The macro **NEMA-DecMin_to_DecDeg.lib** is available from ODOT Geometronics.

.MXF Format

In the .MXF mark text file, each mark (point) is described on a separate line. Each line contains several fields of information about that mark. These fields are separated by commas, and presented in the following order:

Latitude, Longitude, Full Name, GPS Name, Comments, Color (#), Symbol (#)

- Sample:
43.7601389, -071.2791299, "Cottonwood", "Cttnwd", "A very large tree", 800080, 137
43.7617236, -071.2917695, "Fencepost", "Fncpst", "", 808080, 14
43.7576237, -071.2888850, "Aspen", "Aspen", "", ffff, 137
43.7562457, -071.2777147, "Cache", "Cache", "", ff, 138
43.7576583, -071.2701399, "Tent site", "Tntst", "", ff, 111

Terrain Navigator Pro

1. From the main Terrain Navigator Pro menu > **File > Import > Markers**
2. Select .MXF file.
3. Click **Open**