

INSTRUCTIONS FOR TCS DIGIT FILES

Files prepared by Gerald Moni 09/06/19

The easiest way to upload the files to your apple phone/tablet is to attached the file to an email sent to yourself. Then download and save the file to the app.

DISPLAY FILE - This file contains the main entrance (E1) and other entrances if needed. For example: a 60-foot long cave with 5 entrances would only have E1 in this file. A cave whose 2 entrances are 2000 feet apart would have both entrances in this file. This file is used to generate files used for mapping programs/apps and devices (PC, Tablets, Phones, GPS).

GPX Files: Used by all (?) mapping programs/apps and devices (PC, Tablets, Phones). Not all programs/apps allow you to access all of the data in the file.

PC:

--Topo_TCS.txt - used by National Geographic Topo! program. This program works on a windows based PC. The program is not longer being sold by National Geographic. However, the raster file can be download onto GIS programs (ArcGisMap Server/Topo Maps/USA Topo Maps).

Tablets & Phones:

--Topomaps_TCS.csv - used by the app Topomaps for ipad/iphone. The app allows you to easily download USGS topo maps. This file places the caves on the downloaded topos.

--TCSdata.csv - This file includes data from the database converted into English. Use for cave layer in GIS programs (QGIS).

--TCSnarr.gpx - This file includes data from the database converted into English and all of the narratives files. Not all programs/apps allow you to access all of the data. Both tablets and phones using Locus Pro (Android) and Gaia GPS (Apple) works with this file.

GPS:

--TCSpoi.csv - Includes database information and all cave locations to upload onto a GPS. For the Garmin GPS use Garmin POI Loader to upload file. Garmin POI Loader can be downloaded from the Garmin web site.

Garmin 62s & 64st - store file in device. Access from menu = Find\Extras.

Garmin 60cs - store file on memory card. Access from 60cx menu = Find\Custom POI. Garmin 60cs only displays part of the cave data (4 lines of data).

Decimal Files:

--Decdegrees.csv - decimal degrees

--Decminutes.csv - decimal minutes