

Therion map drafting

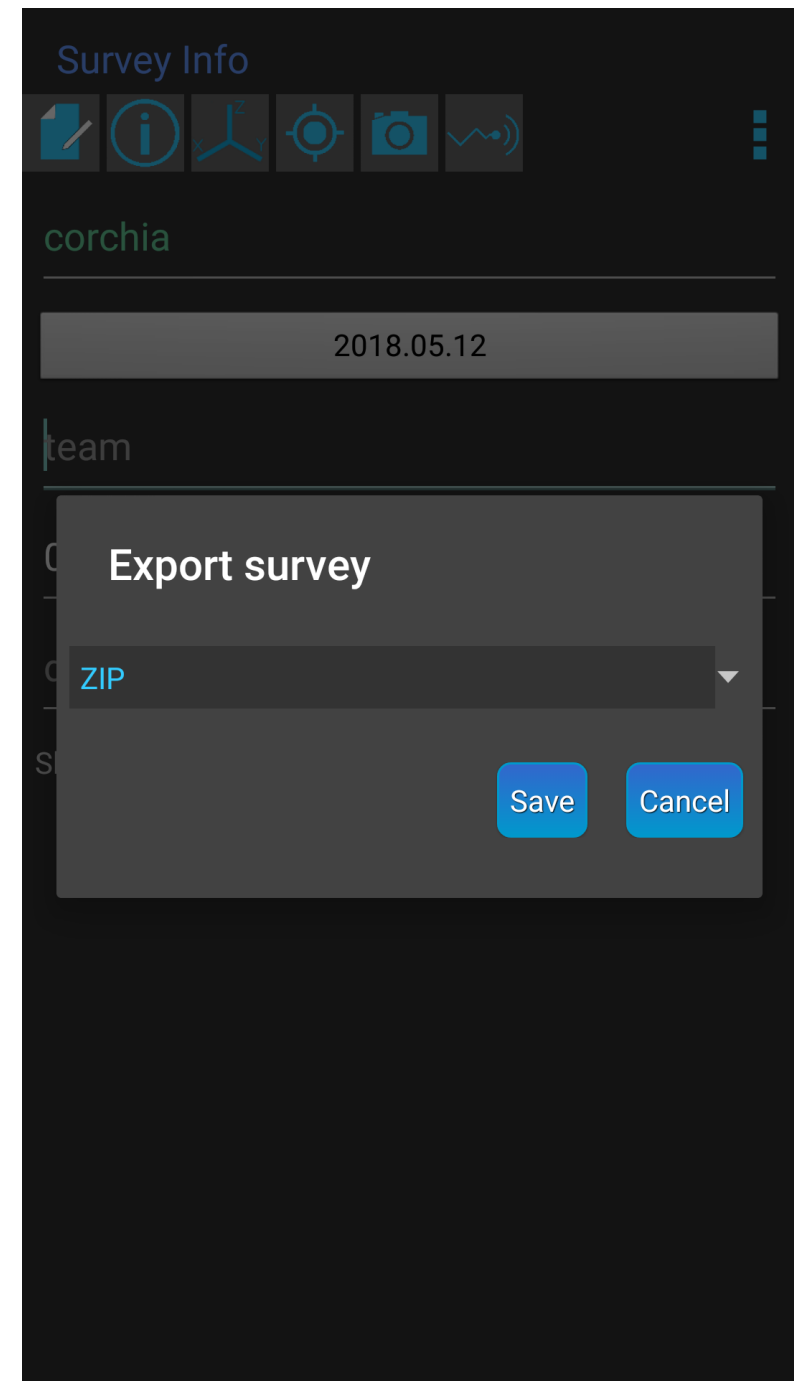
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[1] export survey zip

- Export survey Zip
- Copy it to PC
- Alternatively
- Work with files on Android



[2] create thconfig

```
thconfig (/home/data/Toscana/Corchia/20180513) - VIM (1)
encoding utf-8
source corchia.th
[layout general
  language it
  symbol-hide group centerline
  scale 1 200
endlayout
layout stations
  copy general
  symbol-show point station
  debug station-names
endlayout
select mp@corchia
select ms@corchia
export map -proj plan -o 2018-05-13p.pdf \
  -layout general
export map -proj plan -o 2018-05-13ps.pdf \
  -layout stations
export map -proj extended -o 2018-05-13x.pdf \
  -layout general
export map -proj extended -o 2018-05-13xs.pdf \
  -layout stations
```

Data source

Exports layouts

Exports selections

Exports commands

5,1 All

[3] xtherion thconfig

therion compiler - thconfig

File Edit Window Help

source corchia.th ← Data source

layout general Exports layouts

language it

symbol-hide group centerline

scale 1 200

endlayout

layout stations

copy general

Settings

Working directory

Configuration file

thconfig

Command line options

Compile

Survey structure

Survey info

Map structure

Preview

10:08

[4] preview PDF file

The screenshot shows the 'therion compiler - thconfig' application window. The main editor contains the following configuration text:

```
select mp@corchia
select ms@corchia

export map -proj plan -o 2018-05-13p.pdf \
  -layout general

export map -proj plan -o 2018-05-13ps.pdf \
  -layout stations

export map -proj extended -o 2018-05-13x.pdf \
  -layout general
```

The right sidebar contains several sections: 'Settings', 'Survey structure', 'Survey info', 'Map structure', 'Preview', and 'Xpdf'. The 'Compile' button in the 'Settings' section is circled in red. A red arrow points from this button to the '2018-05-13ps.pdf' file listed in the 'Xpdf' section.

At the bottom left, the text 'Therion log file.' is visible. At the bottom right, the time '10:08' is displayed.

[5] uncomment scraps and maps in data file

The screenshot shows a text editor window titled "therion text editor - corchia.th". The main text area contains the following code:

```
input "corchia-3p.th2"  
input "corchia-4p.th2"  
  
map m1p -projection plan  
  corchia-1p  
endmap  
map m2p -projection plan  
  corchia-2p  
endmap  
map m3p -projection plan  
  corchia-3p  
endmap  
map m4p -projection plan  
  corchia-4p  
endmap  
  
join corchia-1p corchia-2p  
join corchia-1p corchia-4p  
  
map mp -proj plan  
  m1p  
  m2p  
  m3p [0 -10 m] above
```

Red arrows point to the following lines, with labels:

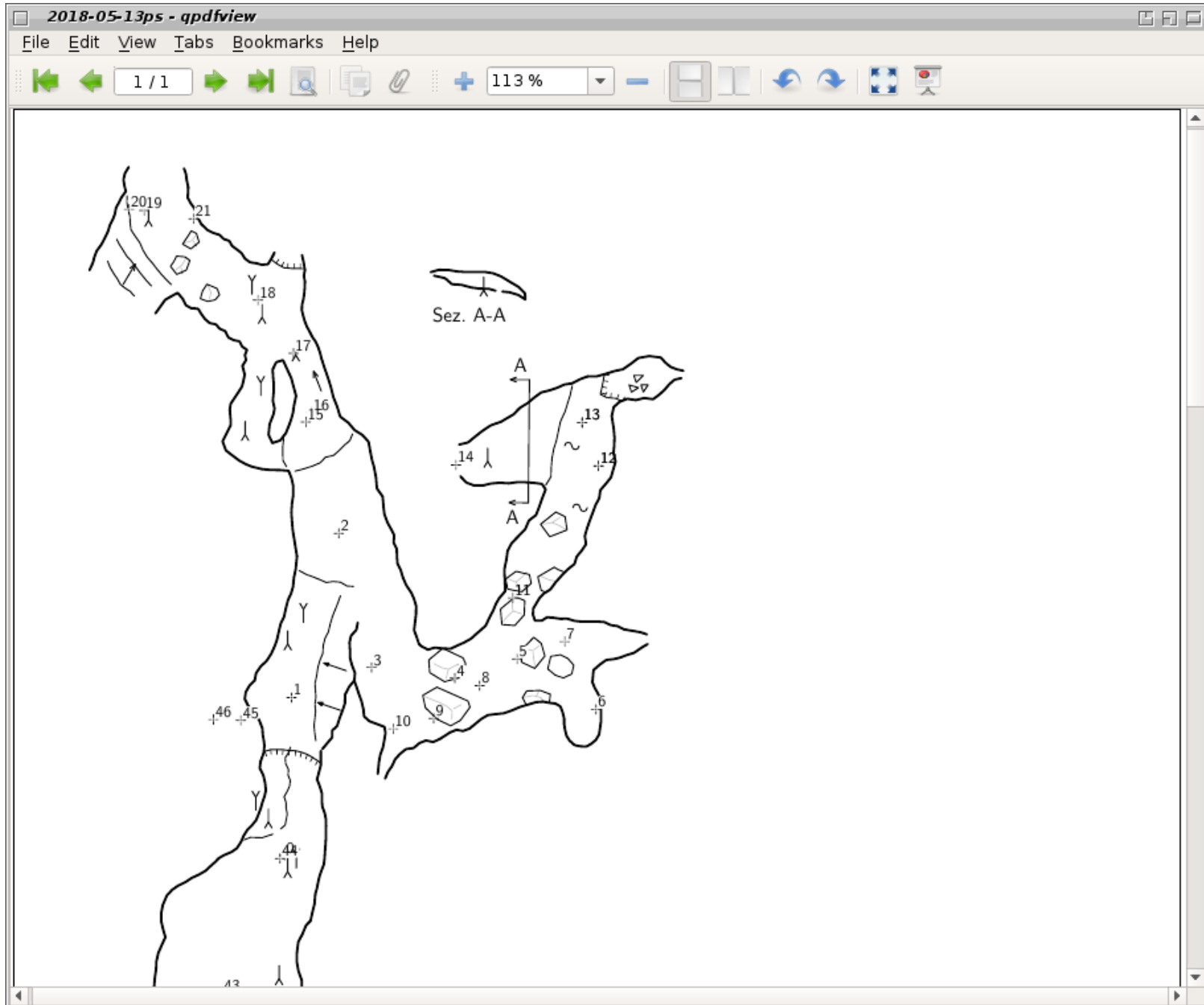
- Arrows pointing to the two `input` lines are labeled "Scrap files".
- An arrow pointing to the first `map` block is labeled "Scrap maps".
- An arrow pointing to the two `join` lines is labeled "Scrap joins".
- An arrow pointing to the `map mp` block is labeled "Global map".

The right sidebar contains the following settings:

- Files**: 1. corchia.th (corchia.th)
- Encoding: utf-8
- Change to: utf-8
- Data table**
- Scan data format:
 - from: 4s
 - to: 4s
 - tape: 6.2fx
 - compass: 5.1fx
 - clino: 5.1fx
- Enter station names
- Auto format selection
- Search & Replace**

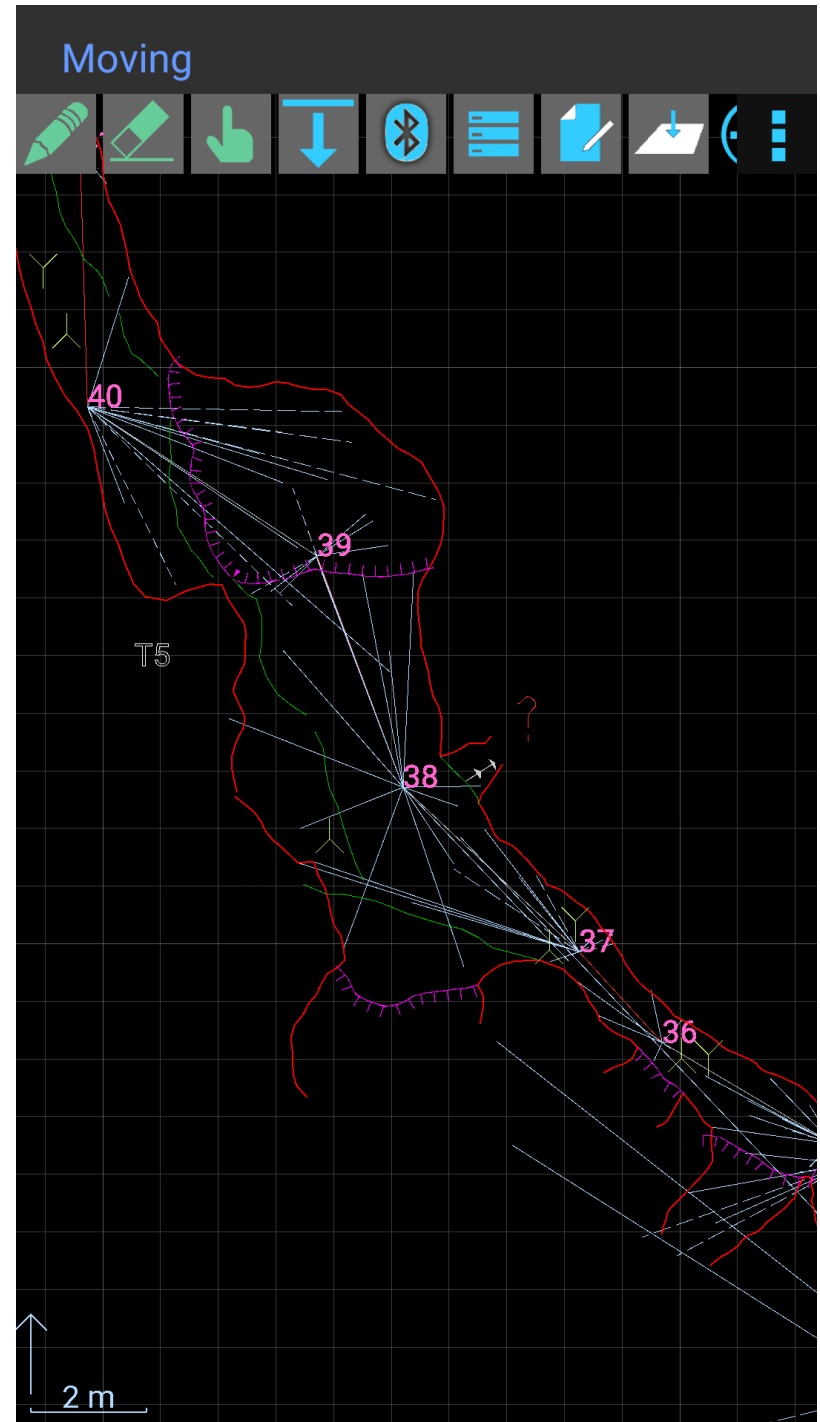
At the bottom right, the status bar shows "603.2" and "10:51".

[6] compile (and view)



[7] edit drawings in TopoDroid

- Working on PC
 - transfer file after edit



- Repeat edit/compile steps
 - Join scraps
 - Combine scrap-maps in global maps
 - Select maps to export
 - may have to make final adjustments with *xtherion*