

# Survey Data

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# TopoDroid survey data

- downloaded from DistoX
- entered manually

# DistoX data

- **Download modes**
  - on demand download
  - continuous download (option: auto-reconnect)
  - multi-DistoX
- N.B. if Android continuously asks the PIN, use the insecure socket

# Stations

- **Station names** are arbitrary (but no spaces)
  - 0, 1, 2, ... 2a, 2b, ... 3A, 3B, ... a1, a2, ...
- **Station** automatic assignment. Six policies
  - default: splays + forward leg

Good because sequence of close leg shots at the end
- **Active station** (green)
  - selectable
  - from saved stations

# Check downloaded data

- DistoX may fail (both distance and angles)
- TopoDroid may fail to assign stations
- Always check downloaded data
  - check values on the DistoX display
  - check values in TopoDroid data list
  - check shot in TopoDroid sketches

# Manual data

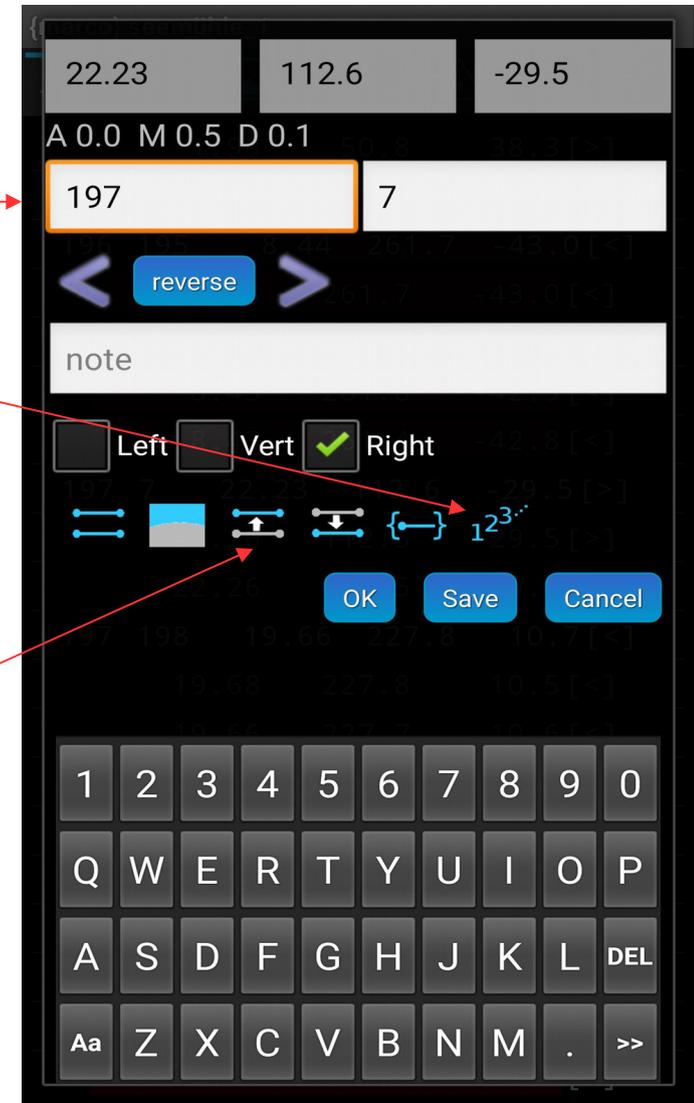
- **FROM** and **TO** stations
- **distance, azimuth, clino** (all in the current units)
- extend
- flags
- comment
- LRUD
- optional backvalues
  
- manual shot values are editable (length, azimuth, clino)
- data values can have a **calibration** (offset to subtract)

# Howto's

- recover a skipped leg
- change station to a group of splays
- delete or restore a shot
- display the splays at a station
- Set active station
- add a photo or a sensor measurement

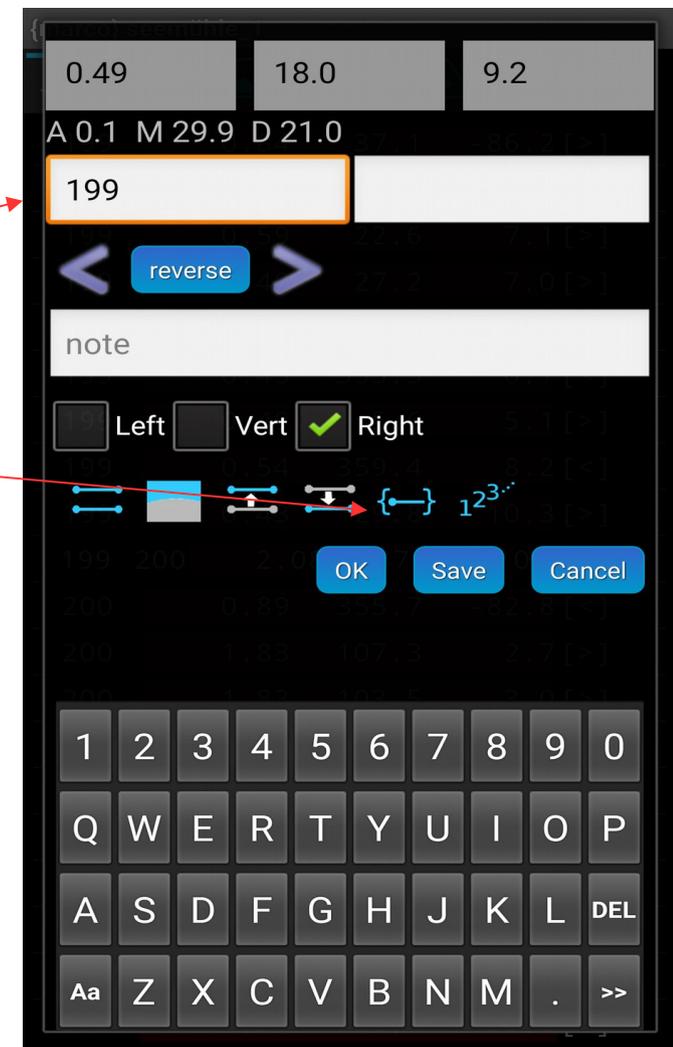
# Recover a skipped leg

- edit the first shot of the leg
- set the FROM and TO station
- check the button “renumber”
- save
- you might have to edit the additional leg shots and specify they go with the previous leg



# Change station to a group of splays

- a group of splays consists of all the splays between two consecutive legs
- edit a splay of the group
- change the FROM station
- select the “group” button
- save



# Delete or restore a shot

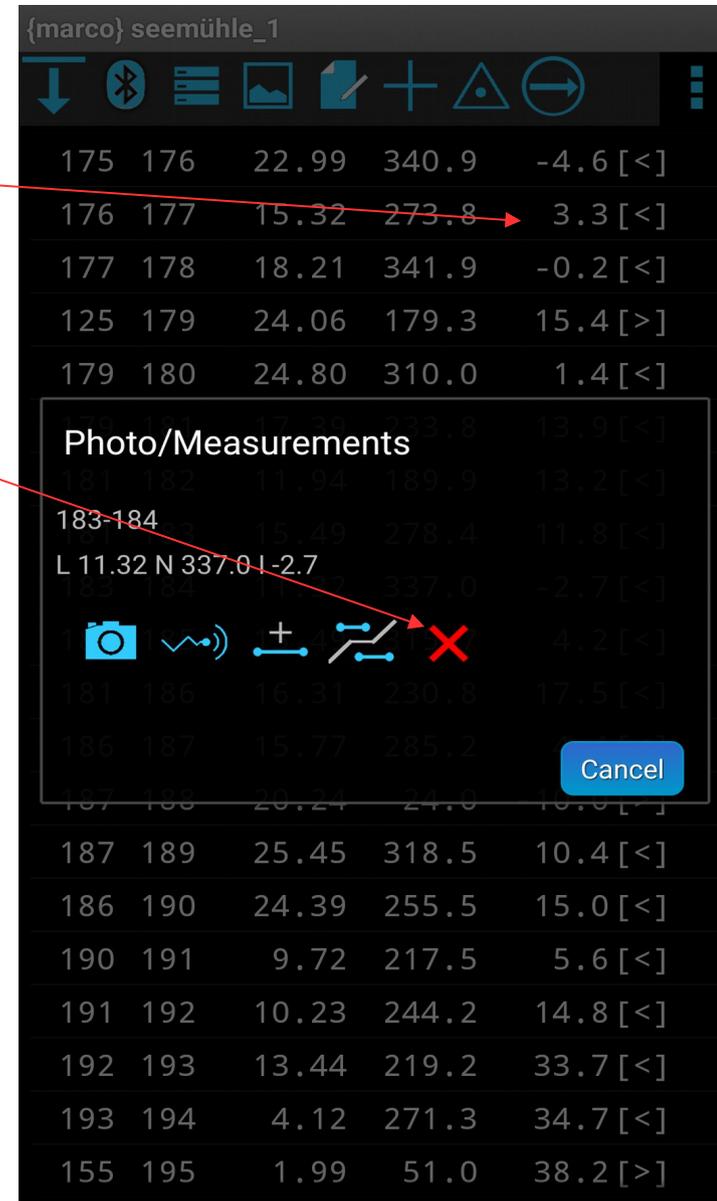
edit the shot by tapping the clino

select the delete button

to restore a deleted shot go to the survey-info window

select the “recover” menu

select the shot to restore



# Display the splays at a station

- to show or hide the splays at a specific station,  
short tap on the station name
- NB hiding works also by tapping the station in a splay shot

# Set the active station

- long tap the station name  
NB. works also on the station name in splays
- select the station in the saved stations dialog  
and tap the “active” button

# Photo and sensor measurements

- tap on the clino value of the shot entry
- select the “photo” button or the “sensor” button
- the list photos and sensor measurements are displayed
  - by the “photo” and “sensors” menus of the data window
  - by the “photo” and “sensors” buttons of the survey window

