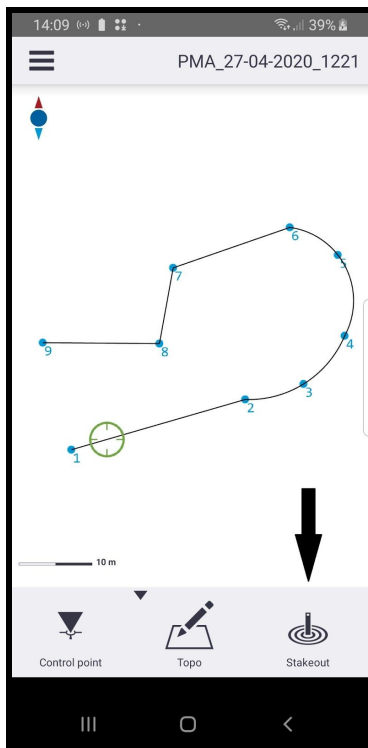


Support Bulletin

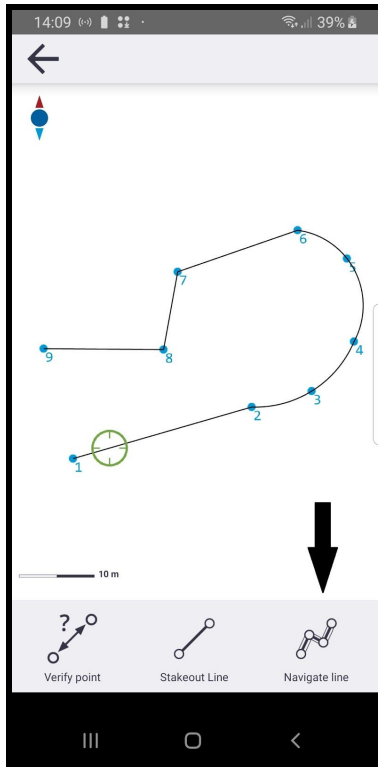
Penmap Android navigate line

Navigate line function allows you to navigate along a polyline in the set corridor/tolerance with displayed offset values to the startpoint of the selected graphic (graphic needed) and the offset from the graphic itself.

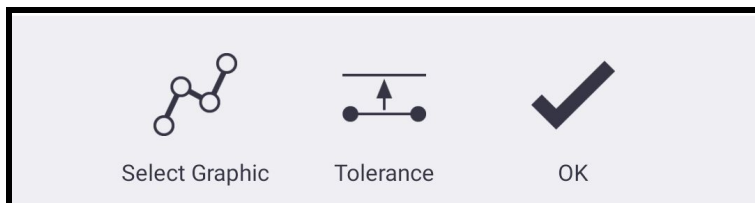
- To Start the navigate line function, click **Stakeout** in the main menu.



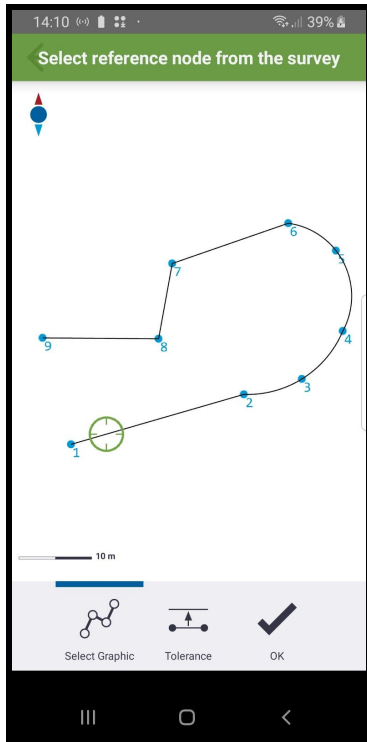
- Swipe to the right side of the menu and click **Navigate line**.



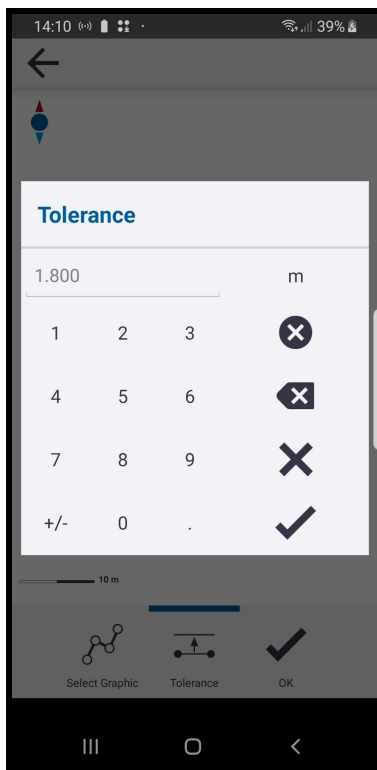
- Click on **Select Graphic** and select a polyline graphic.



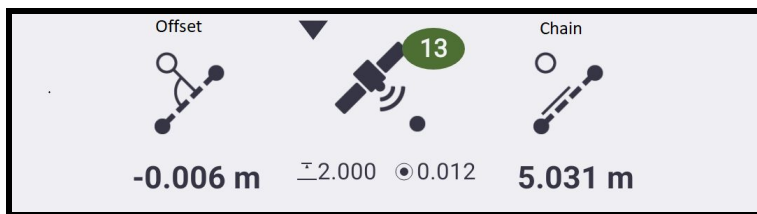
- As Penmap asks for it, hit the desired line graphic.



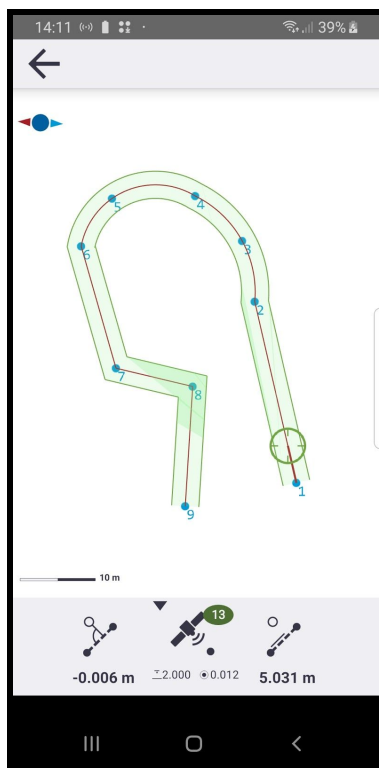
- With a click on the **Tolerance** button in the middle you set the acceptable corridor throughout the graphic for new measurements.

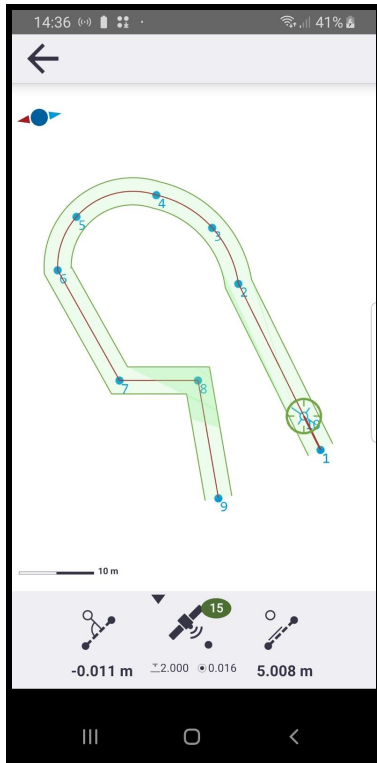


- The symbol on the left side of the **GNSS** button in the middle is an indicator for your offset from the line and the button on the right side is an indicator for your station within the line in the example.
- Offset on the left side of GNSS
 - Positive means your position is on the right side of the polyline.
 - Negative means your position is on the left side of the polyline.
- Chain on the right side of GNSS
 - Chain means how far you have approached in the sector of the polyline that you are in.



- The **GNSS** button in the middle allows you to take a new measurement.
- As long as the corridor is green your position is inside the set corridor/tolerance but when it turns red you are outside the tolerance.






- Every chapter of the polyline starts to calculate the value for chain from 0.
- When taken a measurement the tolerances are displayed for horizontal (distance from the reference graphic), chain (the position along the selected line graphic) and vertical (height) error.


Outside Limits

Horizontal error




Actual	Limit
0.009 m	1.800 m

Chain error



Actual	Limit
5.029 m	0.040 m

Vertical error



Actual	Limit
-14.116 m	0.040 m

Accept

Discard

- There is a Video on this subject on youtube following the link:
[Penmap for Android - Navigate Line Video](#)