



LPS

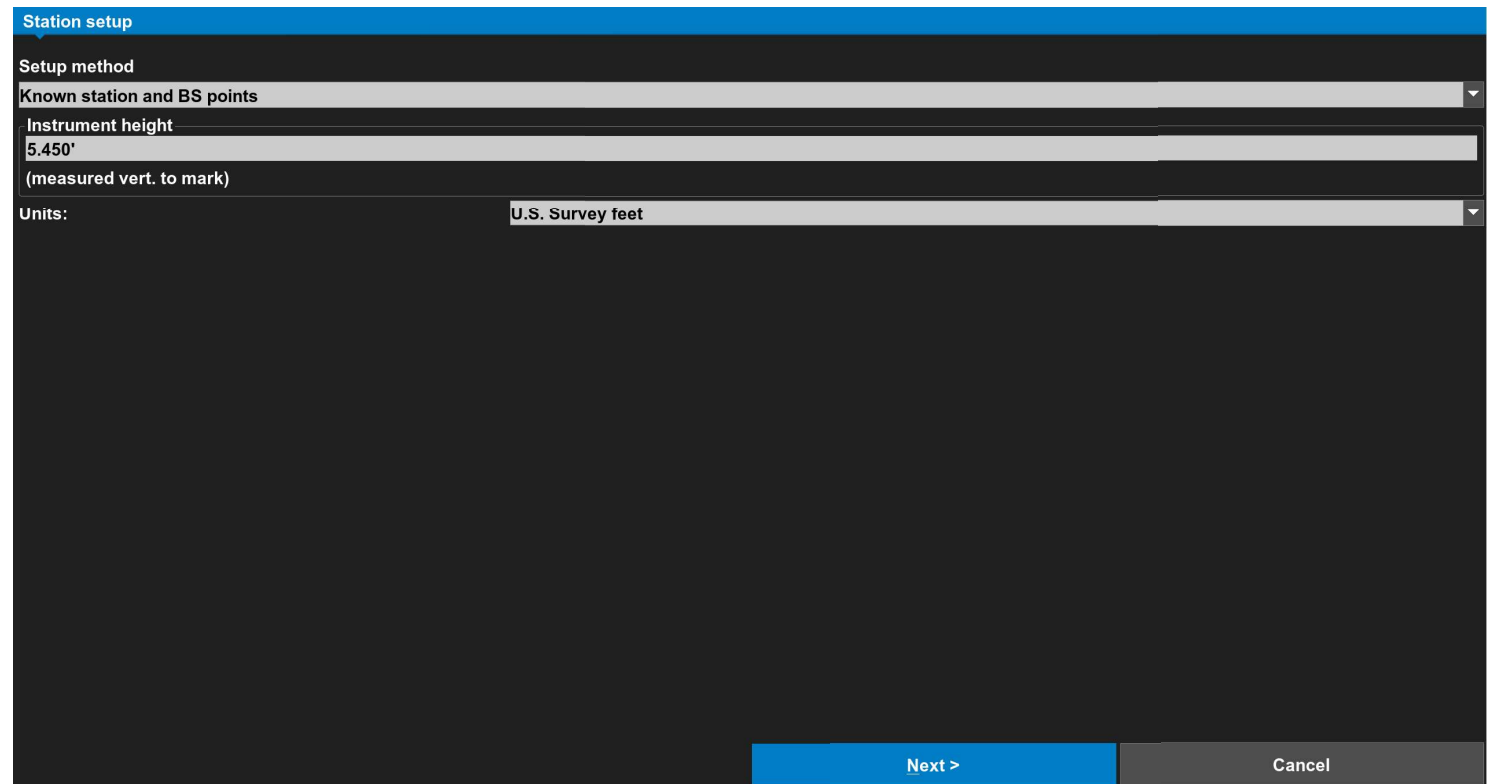
P3D LN-150 Known Station & BS

Known Station & BS

Setup method:

- Known station and BS points
- Add Instrument height
- Units

- Select **Next**



Station setup

Setup method

Known station and BS points

Instrument height

5.450'

(measured vert. to mark)

Units: U.S. Survey feet

Next >

Cancel

Known Station & BS

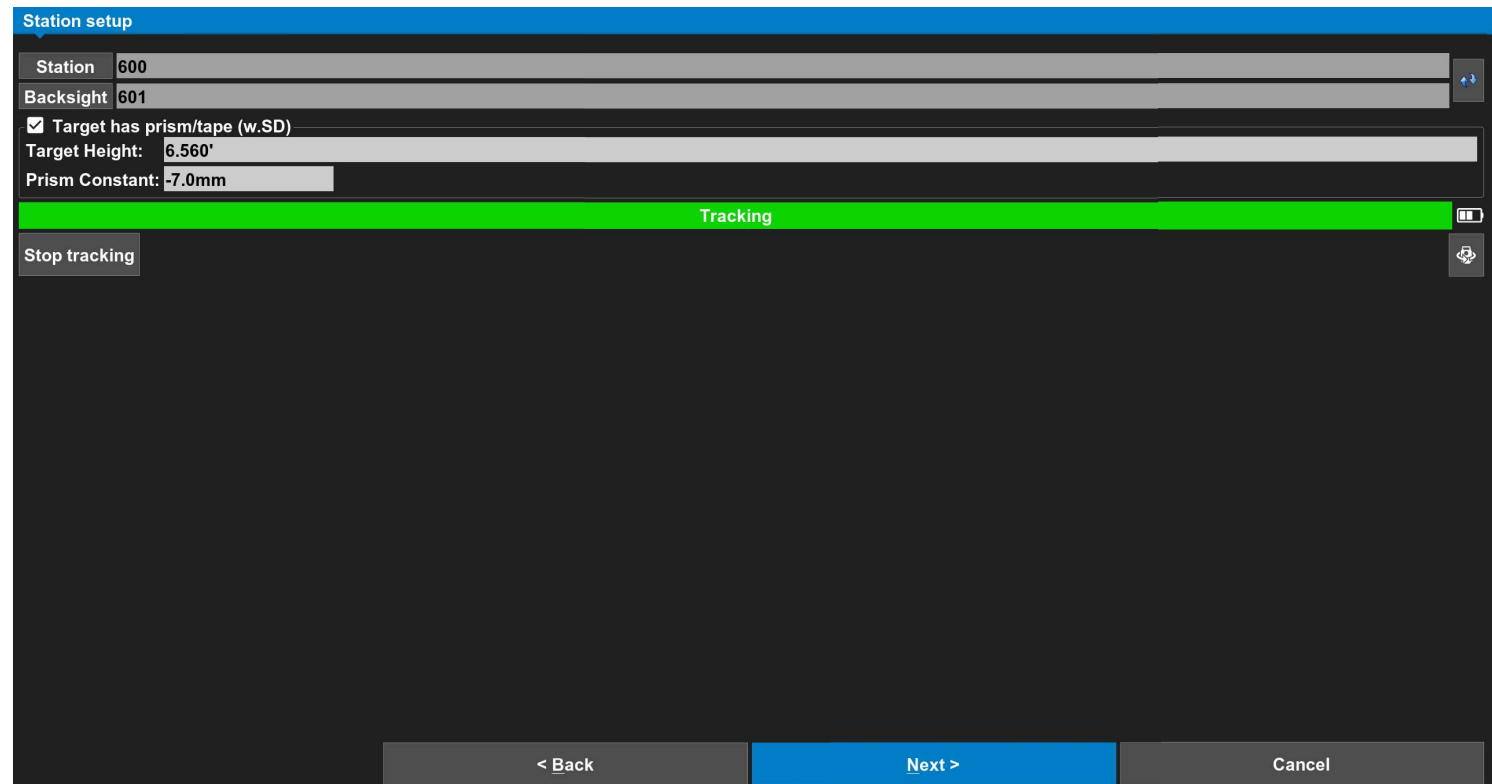
Known station and BS points:

- Select **Station** occupied by TS

- Select **Backsight** prism is on

- Input **Target Height** and **Prism Constant** information

- Select **Next**



Station setup

Station	600
Backsight	601
<input checked="" type="checkbox"/> Target has prism/tape (w.SD)	
Target Height:	6.560'
Prism Constant:	-7.0mm

Tracking

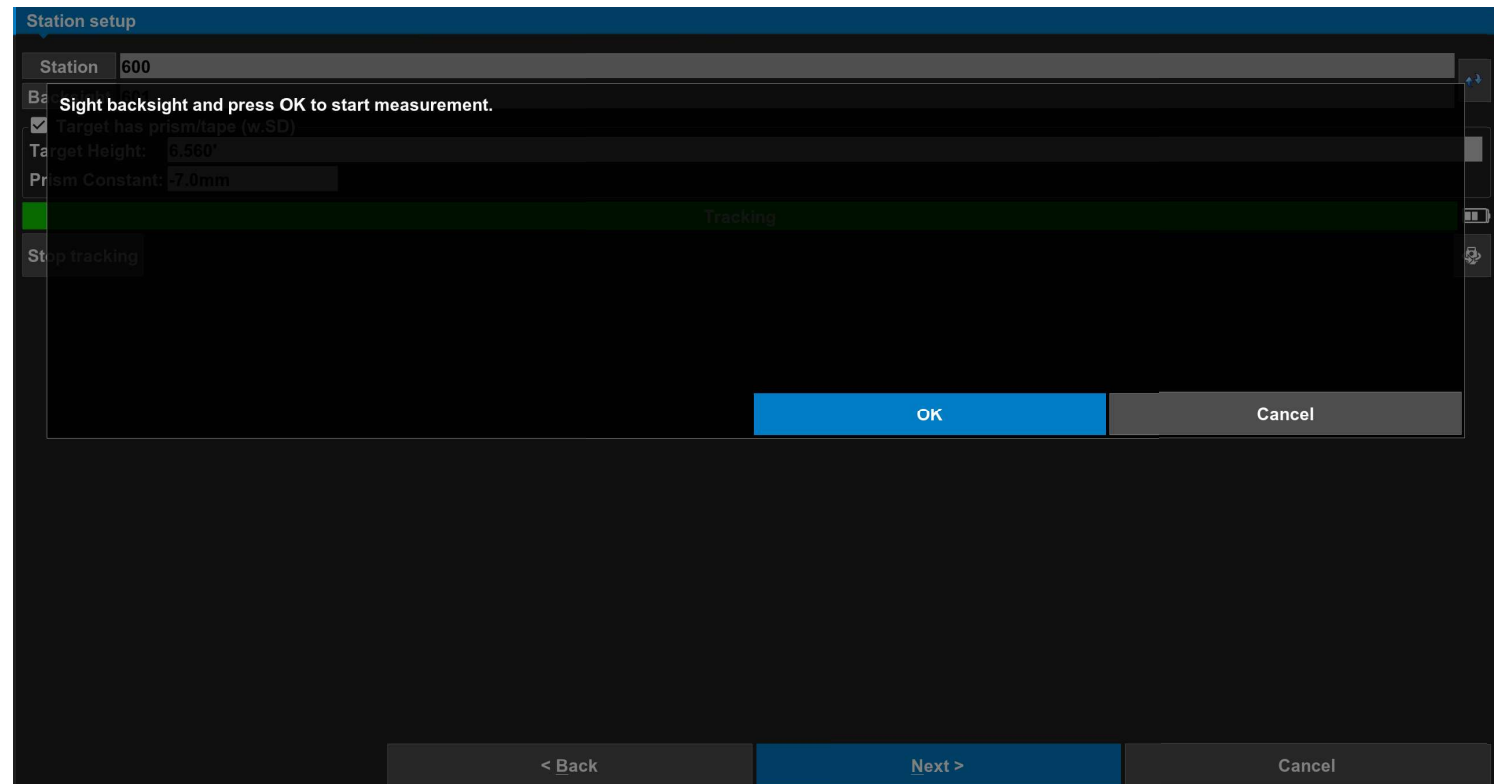
Stop tracking

< Back Next > Cancel

Known Station & BS

Known station and BS points:

- LN-150 will find the prism automatically so select **OK**



Station setup

Station 600

Back Sight
Sight backsight and press OK to start measurement.

Target has prism/tape (w.SD)

Target Height: 6.560

Prism Constant: -7.0mm

Tracking

Stop tracking

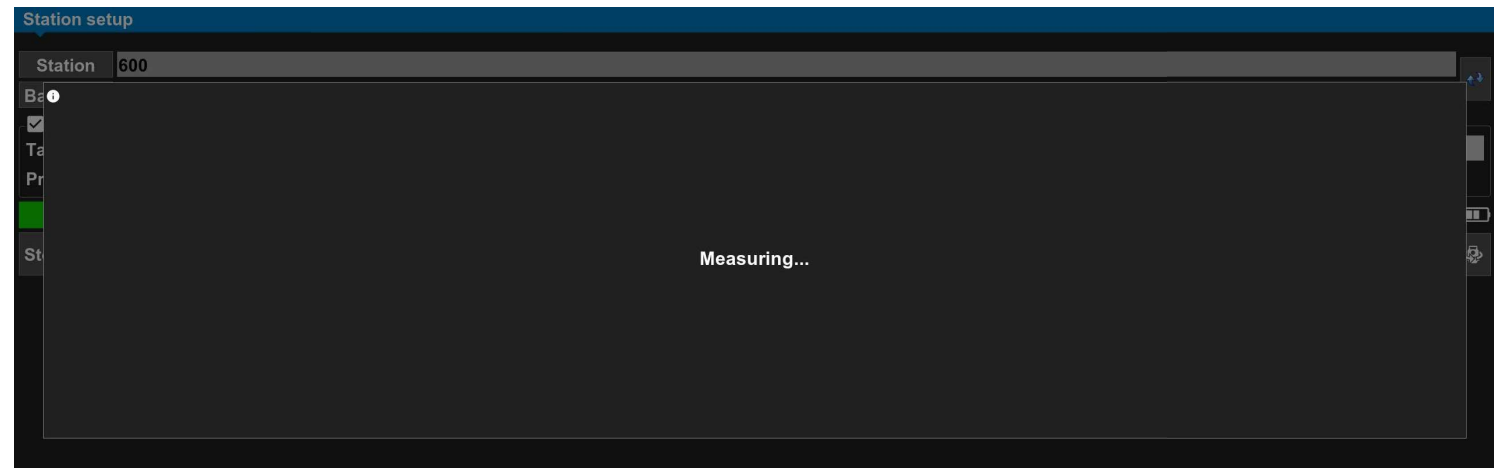
OK Cancel

< Back Next > Cancel

Known Station & BS

Known station and BS points:

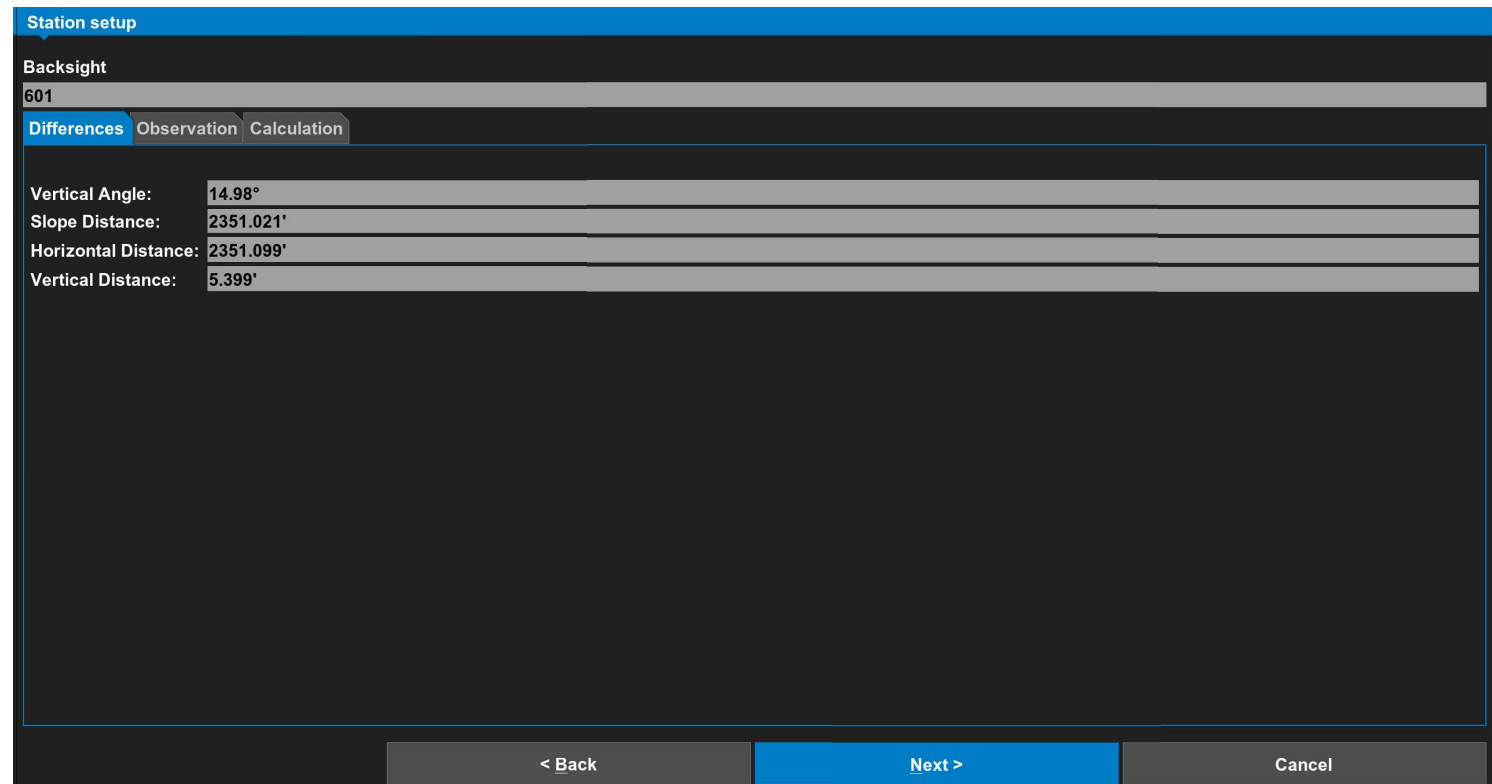
- P3D will measure the backsight point



Known Station & BS

Known station and BS points:

- The backsight results will display
- Select **Next**



The screenshot shows a 'Station setup' screen with the following data:

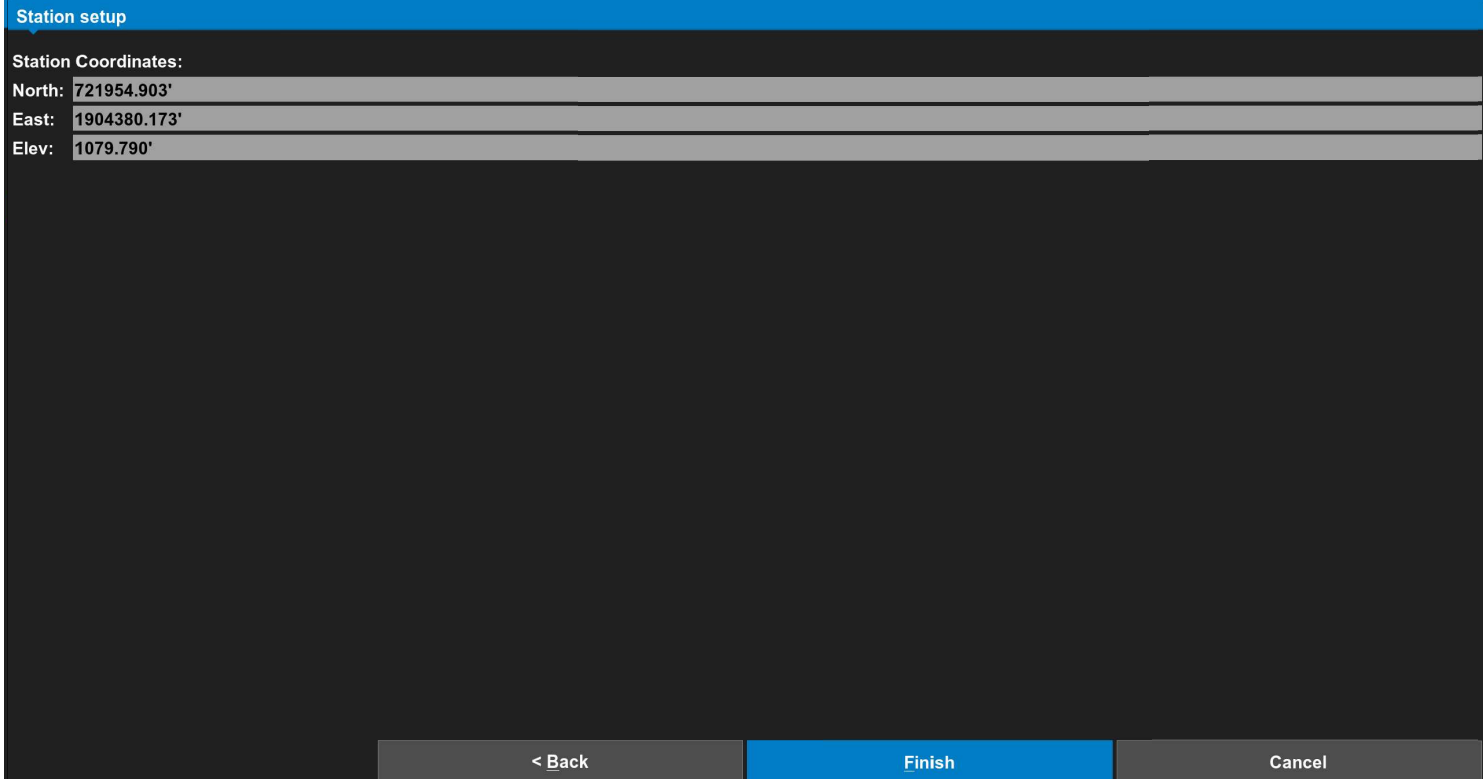
Station setup	
Backsight	
601	
Differences Observation Calculation	
Vertical Angle:	14.98°
Slope Distance:	2351.021'
Horizontal Distance:	2351.099'
Vertical Distance:	5.399'

At the bottom of the screen, there are three buttons: '< Back', 'Next >' (highlighted in blue), and 'Cancel'.

Known Station & BS

Known station and BS points:

- Station Coordinates will populate
- Select **Finish**



The screenshot shows a 'Station setup' screen with a dark background and a blue header. The screen displays the following information:

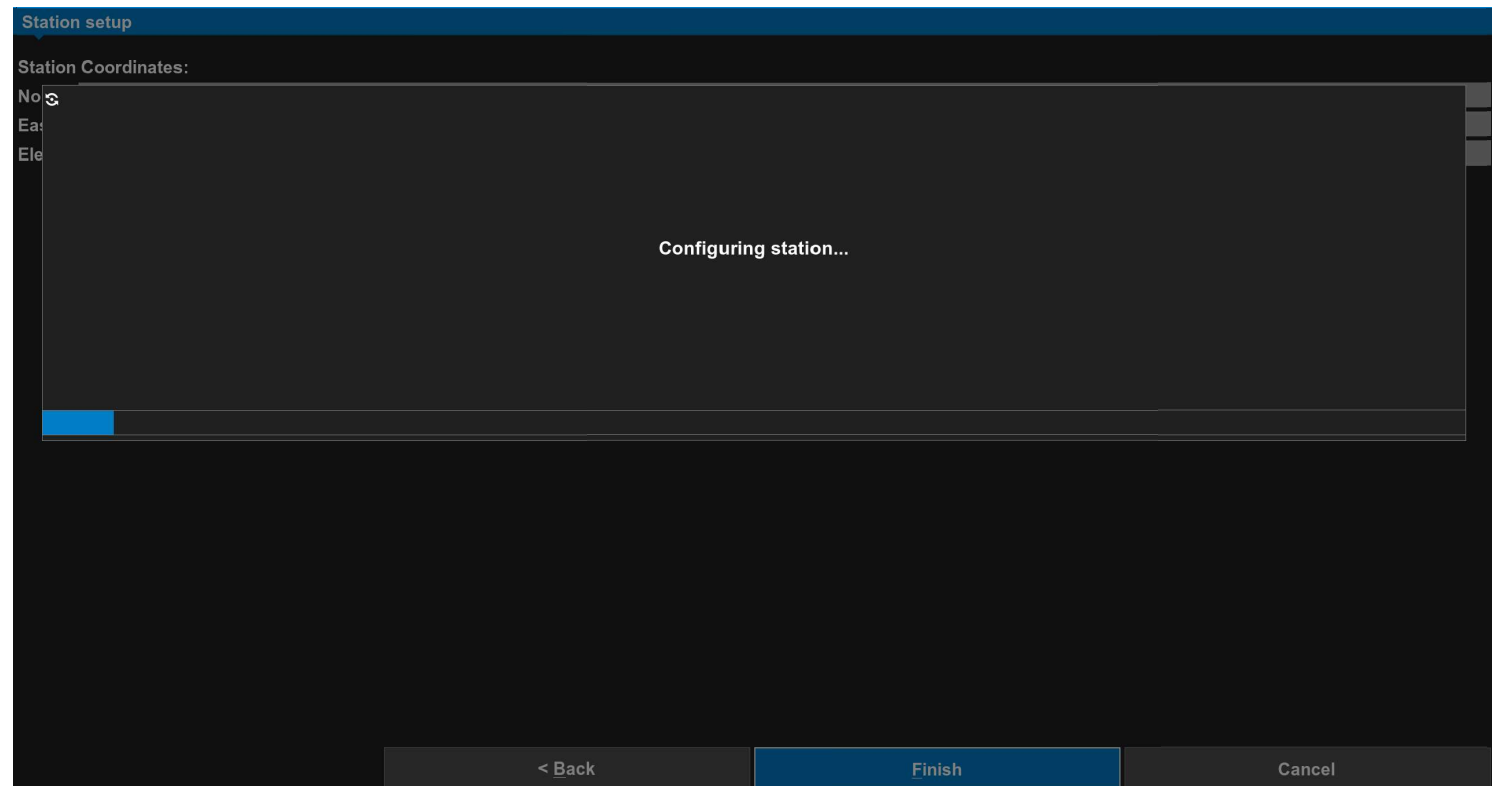
Station Coordinates:	
North:	721954.903'
East:	1904380.173'
Elev:	1079.790'

At the bottom of the screen, there are three buttons: '< Back' (grey), 'Finish' (blue), and 'Cancel' (grey).

Known Station & BS

Known station and BS points:

- P3D will configure the station



Known Station & BS

Known station and BS points:

- Done

