

The background is a blue-tinted photograph of a construction site. In the foreground, a person in a white lab coat is holding a surveying instrument. In the background, there are several yellow signal icons (concentric circles) overlaid on the scene, suggesting a focus on location or signal tracking. The overall scene is semi-transparent, allowing the underlying image to be visible.

LPS

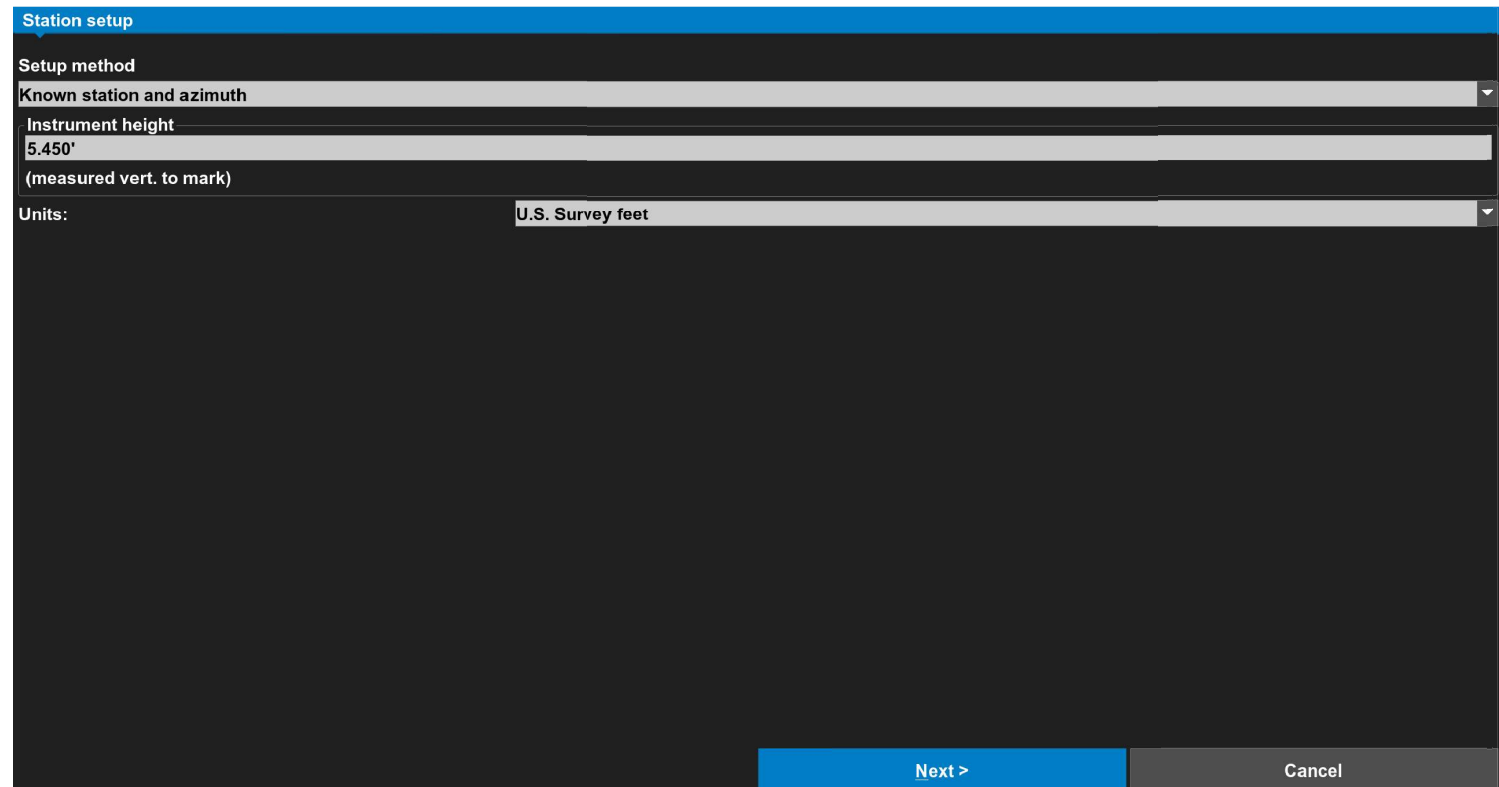
P3D LN-150 Known Station & Azimuth

Known Station & Azimuth

Known station and azimuth:

- Input instrument height
- Select units

- **Next**



Station setup

Setup method

Known station and azimuth

Instrument height

5.450'

(measured vert. to mark)

Units: U.S. Survey feet

Next >

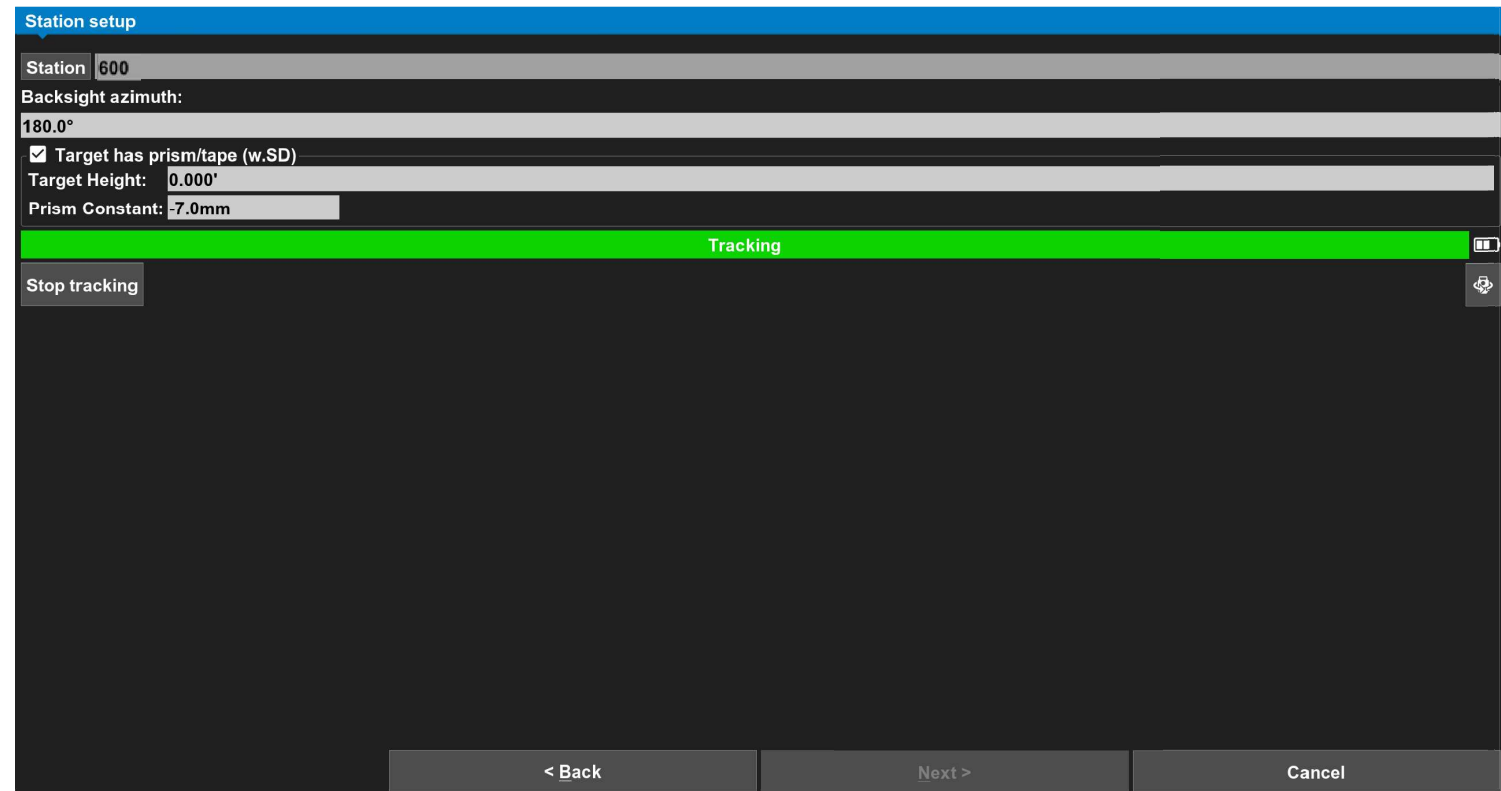
Cancel

Known Station & Azimuth

Known station and azimuth:

- Select Station TS is on
- Input desired or known azimuth
- Enter prism height and prism constant

- **Next**



Station setup

Station 600

Backsight azimuth:
180.0°

Target has prism/tape (w.SD)

Target Height: 0.000'

Prism Constant: -7.0mm

Tracking

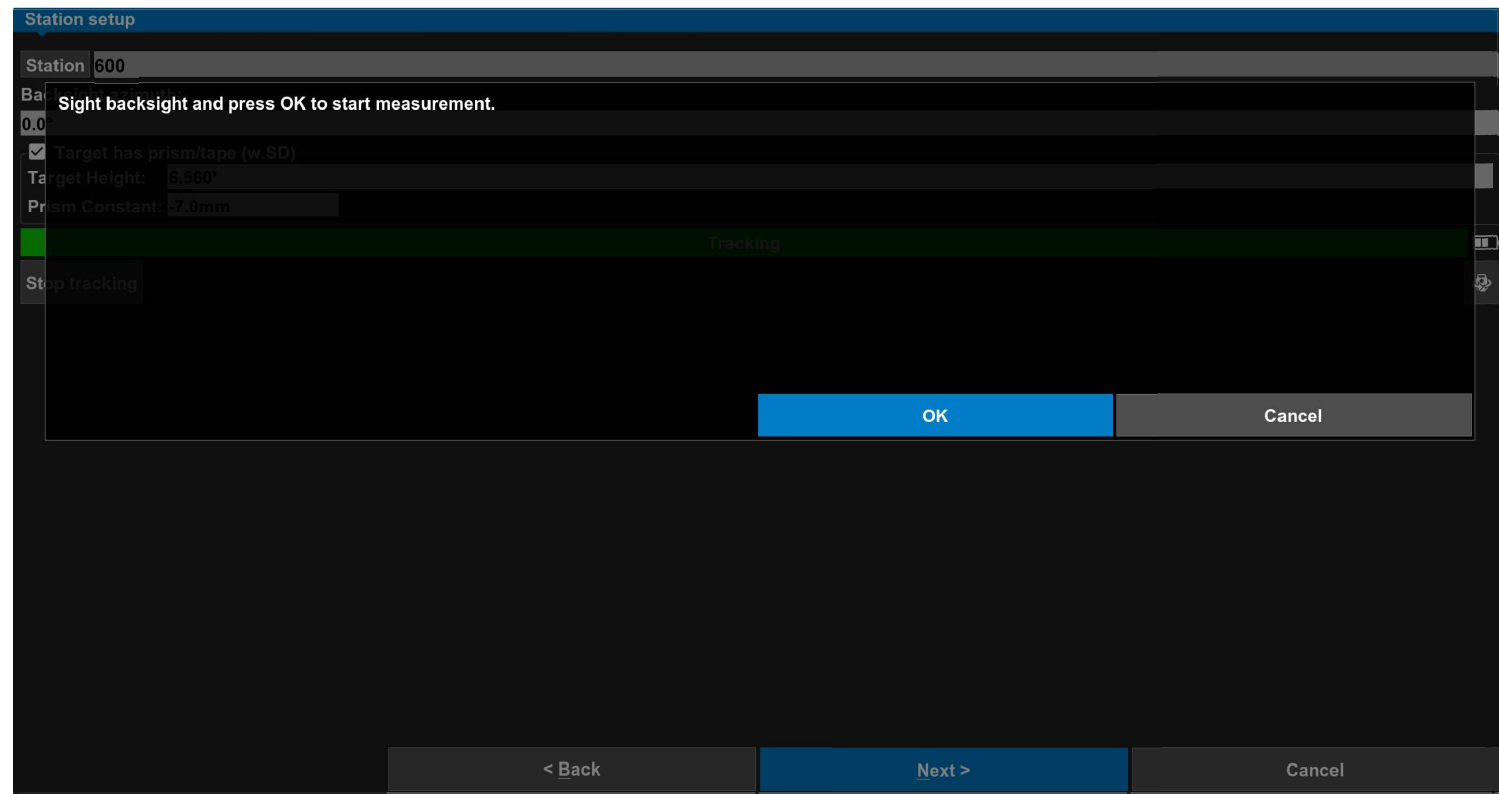
Stop tracking

< Back Next > Cancel

Known Station & Azimuth

Known station and azimuth:

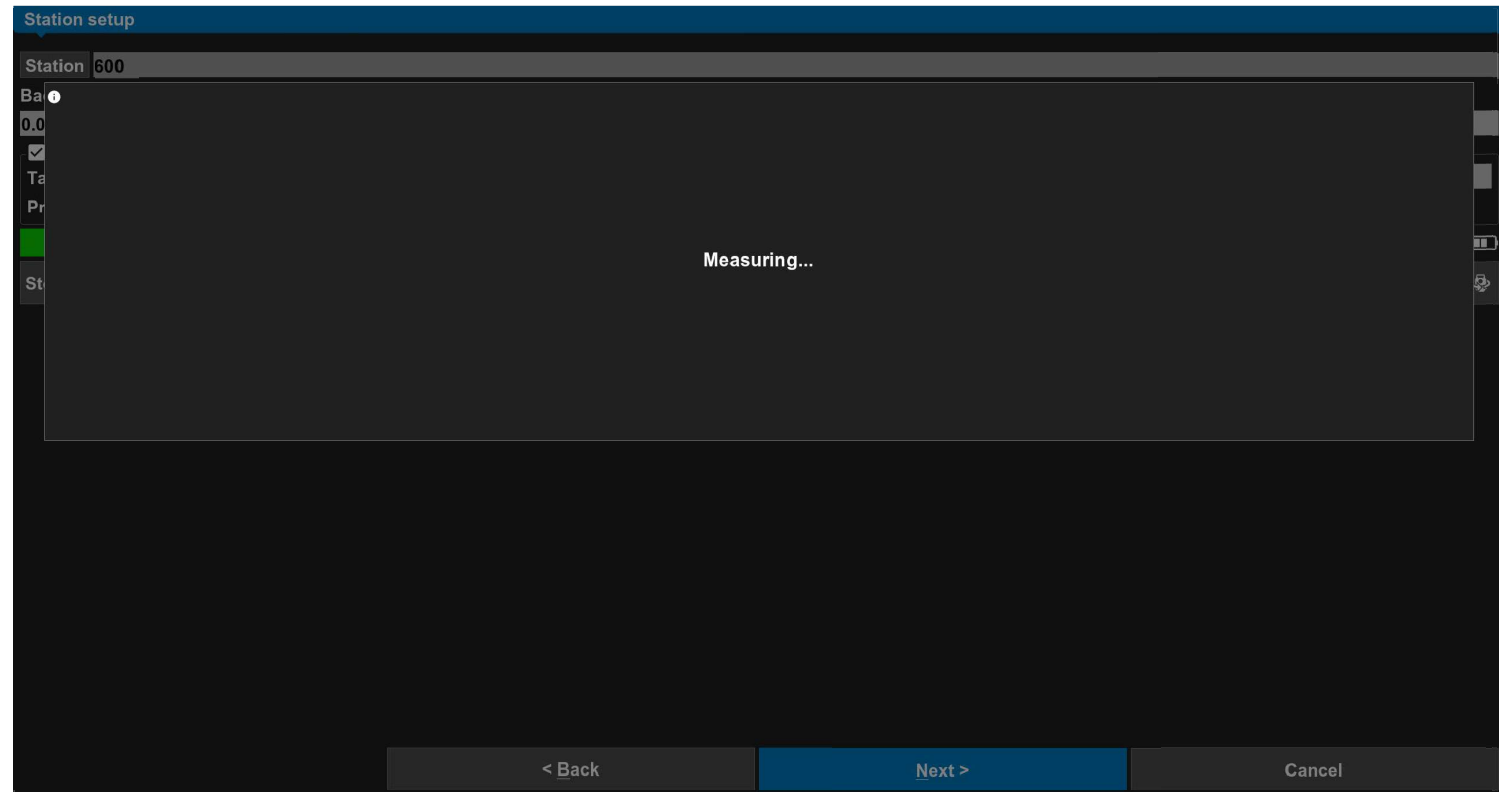
- LN-150 will automatically track the prism
- Select OK



Known Station & Azimuth

Known station and azimuth:

- P3D will measure the backsight to establish azimuth



Known Station & Azimuth

Known station and azimuth:

- Station Coordinate information will populate

- You can add the backsight point to the control point list if desired

- Select **Finish**

Station setup

Station Coordinates:

North: 721954.903'

East: 1904380.173'

Elev: 1079.790'

Add backsight to control point list

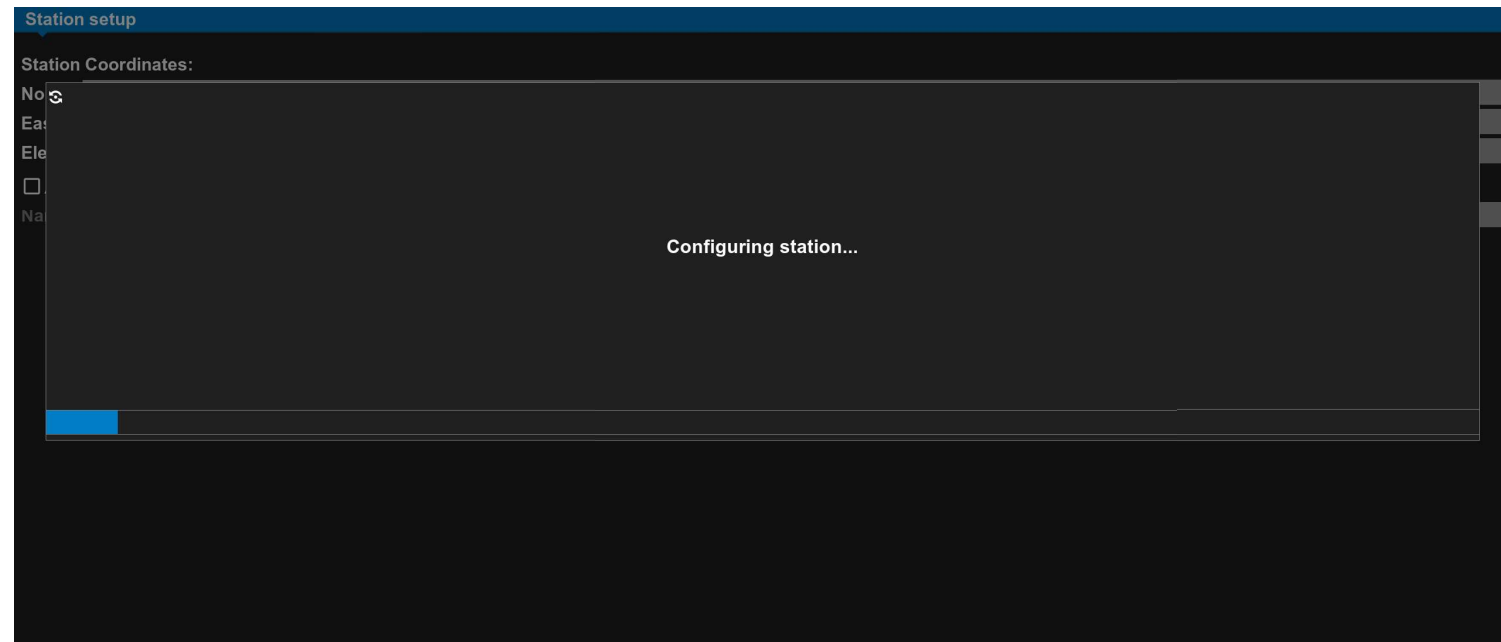
Name: _____

< Back
Finish
Cancel

Known Station & Azimuth

Known station and azimuth:

- P3D will configure the station



Known Station & Azimuth

Known station and azimuth:

- Done

