

Ellipse AHRS & INS

Product change Notice

Document Date PCNELI4
Nov 12, 2019

Doc. Type PCN: New Calibration revision

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This notice is to inform you about an improved manufacturing and calibration process on ELLIPSE products.

1. Description of change

In order to improve the manufacturing process of Ellipse sensors, we updated the production tools from a single axis rotary table to a dual axes tools.

The new tools bring many significant advantages to the sensors:

- Reduced calibration time thanks to fully automated process
- Increased production capacity
- Improved quality control of the finished products
- New calibration report, with more quality feedback and tests

2. Impact of change

First units with new calibration procedure are shipped since September 16, 2019. All ELLIPSE sensors delivered since that date may be concerned by this PCN.

2.1. New calibration revision

The units manufactured with new tools feature a new calibration revision: 1.2 or above.

2.2. Form, Fit, Function compatibility

All parts delivered with the new calibration revision remain 100% compatible with the previous units and should not require any re-qualification at customer level. In particular:

- Units remain compatible with older firmware revisions
- Performance parameters are unchanged
- No behavior change is expected

2.3. Calibration revisions interchangeability

Since the new calibration process remains fully compatible with the previous one, SBG Systems reserves the right to ship units with a calibration revision of 1.1 or 1.2 based on available stock and production load.

Only units with calibration revision of 1.2 are shipped with the updated calibration report.

3. Contact

If you need any further information after reading this document, please contact us by email or phone.

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