Sparton Navigation Modules

# AHRS-8 Version 5.3.4 Release Notes

This document details the differences between:

* AHRS-8 Version 5.2.5 and AHRS-8 Version 5.3.4

The version creation dates are:

* AHRS-8 Version 5.2.5 – 4/8/2016
* AHRS-8 Version 5.3.4 – 5/4/2016

# In-field Calibration Improvements and Bug Fix

***Fixed Version 5.2.5’s 2D calibration bug***

A bug was introduced in Version 5.2.5 with the 3-D calibration improvements. Version 5.3.4 fixes that bug and also includes improvements corresponding to the 3-D calibration improvements regarding speed and accuracy.

***New field cal variable with improved correlation to heading error***

The new variable, estimatedPk2PkYawError, has a better estimate of peak to peak yaw error for both 3-D and 2-D calibration. Units are in degrees.

5/12/16