

This document describes the version history of BL Heli FW – Delta Ray Edition, which can be found here: <https://github.com/imboeschi/BLHeli-FW---Delta-Ray-Edition>.

#### Version 1.0 (13.03.2016)

- Initial release

#### Version 1.1 (24.03.2016)

- Added LVC throttle pulsing (similar to the standard Delta Ray). The default BLHeli FW power reduction works well, but in the Delta Ray at a distance with gusty winds it is difficult to distinguish between BLHeli FW power reduction and an increase in headwinds, which can lead to an unexpected power loss. LVC throttle pulsing is easy to hear at a distance. BLHeli FW power reduction can be enabled instead of LVC throttle pulsing if desired.
- Removed some unused code from standard BLHeli FW to reduce size of executable files. Atmel-based ESCs should all be flashable onto an ESC that comes pre-loaded with SimonK.
- Hard-coded beep loudness for ESC sounds to a low volume. For some reason, programming the beep loudness via the PC interface does not work consistently (it used to, so I have done something to it and need to fix it). The “plane finder” beacon loudness remains unchanged at 200 (very loud).

#### Version 1.2 (02.04.2016)

- Improved low-throttle performance for taxiing and low-speed landing approaches
- Integrated the latest versions of BLHeliFW and BLHeliSuite (14403)