

20-00571

HYDROFOILER SL3

ECS SOFTWARE RELEASE NOTES

Introduction

This document communicates the latest features and changes in the SL3 bike control software.

Software part number 000764.

This software operates within the ECS (Electronic Control System) of the SL3 hydrofoil bike.

Latest Release Version V0.73 (07/09/2023)	
New and improved	<ul style="list-style-type: none"> Allows bootloader field upgrades in the future
Fixes	<ul style="list-style-type: none"> Issue where new code could not be upgraded and was giving a download error. Requires bootloader upgrade to V1.04 before loading this version.

Release Version V0.72	
New and improved	<ul style="list-style-type: none"> Bike parameters are stored in external flash memory
Fixes	<ul style="list-style-type: none"> Prevents corruption of internal memory. Requires bootloader upgrade to V1.00 before loading this version.

Release Version V0.60	
New and improved	<ul style="list-style-type: none"> Adjusted pedal assist gains. Modified pedal power readings
Fixes	

Release Version	V0.59
New and improved	<ul style="list-style-type: none"> ▪ Added rider input power average. ▪ E11 error code added. ▪ Boost ride time and counter added
Fixes	<ul style="list-style-type: none"> ▪ Motor controller restart up if coms fails. ▪ False phase error trigger. ▪ Uart comms was affecting test jig. ▪ False E26 removed.

Release Version	V0.54
New and improved	<ul style="list-style-type: none"> ▪ Added pitch angle and increased smoothing for launch. ▪ Logs now include Last Error code.
Fixes	<ul style="list-style-type: none"> ▪ Motor run on due to lost comms. ▪ Uart Lock up.