ProShift Technical Service Bulletin: 2017-5

To Our TRI/TT/IRONMAN Clients:

We have received requests to add the following feature to ProShift:
- **While in Automatic Control Mode, provide an option to ALWAYS stay in the Large Chainring.**
- **Allow moving to the Small Chainring by using either the ProShift Pushbuttons or the ProShift][Wireless Aero Bar Remote Shifters.**
- **Resume Automatic Gear Shifting from whatever gear is ultimately selected by the cyclist.**

Effective Date	October 21, 2017
Description	During recent field trials, some IRONMAN competitors prefer to start and stay in the Large Chainring – especially on relatively flat courses like Kona.
Customers Affected	All those clients with existing ProShift units who prefer to have this option/feature, please request a firmware update for your unit.
Applies To ProShift Models	Firmware update is available for ProShift and ProShift][units.
Symptoms/ Observations	None. Note that "Cross-Chained" gears – for example 201 or 111 - are not allowed by ProShift. However, while not recommended, they could be manually selected by the cyclist.
Technical Issue	Firmware update available upon request. ProShift units shipped after this date will include this feature by default.

Recommended Solution	ProShift will now have 2 options for Boundary Gear selection for the Small Chainring:
	
	A. Use the normal boundary conditions of:
	    1. 104-108
	    2. 203-211 (or 203-210 for 10 Speed Systems)
	This setup will allow Automatic Gear Shifting to occur from gears 104 to 210/211. Gears below 104 (for hill climbing) can be selected using the push buttons on the ProShift unit or the Aero Bar Wireless Shifters.
	(This configuration exists for all ProShift units currently in use.)
	
	B. Use the new boundary conditions of:
	    1. 108-108
	    2. 203-211 (or 203-210 for 10 Speed Systems)
	This boundary gear setup will allow Automatic Gear Shifting to occur on the Large Chainring between gears 203 and 210/211. Gears below 203 can be selected using the push buttons on the ProShift unit or the Aero Bar Wireless Shifters.

Changes to ProShift	Firmware update is required for using the new boundary gear feature.