

Release History

Revision	Reason / Release Notes
B	<p>Attached is the following:</p> <ol style="list-style-type: none"> 1) New V6.04 of TrafMan 2) New version 2.82 of the TCC-540 EPROM 3) New firmware revision B3 for the WIM board. <p>Note that the EPROM and TrafMan already contain the necessary changes to support both the current WIM Board and the new hardware revision. They determine which version is installed and automatically adjust the gain settings and other variables as appropriate.</p> <p>The second option from the bottom is new and is only displayed when the TCC-540 is V2.82 or higher. If you select it, the following options are displayed to set weight limit values.</p> <p>The Weight Limit values allow a specified class range (in this case 1-3) to be checked against a maximum weight. If any axle exceeds this for that class range, then the system sets it to the default 1100, then the system checks the other channel and tries to find a good weight reading. If none can be determined, the default weight is inserted. To disable the function, set either of the Class #'s to zero.</p> <p>The "ADC Low Trip Value" is our low trip point, divided by 8. In this case any reading +/-512 or more off of the baseline will be considered a low trip.</p> <p>The "Min # Low Trip To Not +Gain" is the minimum number of these low trips necessary to disable consideration for increasing the gain on this channel at the end of the current auto-cal cycle.</p> <p>The "ADC High Trip Value" is our high trip point, divided by 8. In this case any reading +/-2000 or more off of the baseline will be considered a high trip.</p> <p>The "Amount High Trip To -Gain" is the number of high trips to consider a gain reduction at the end of the current auto-cal cycle.</p> <p>Please note:</p> <ul style="list-style-type: none"> <input type="checkbox"/> These settings are not accessible via the keypad (only through TrafMan). <input type="checkbox"/> The weight check was simplified to just set the value to the default (550kg) instead of trying to check other channels. It was going to take too much time in the interrupt to do add a complicated series of checks and cross matches. This was a minor issue likely to be fixed on the next board anyway, so wasn't worth the effort.
C	<ul style="list-style-type: none"> • Changed to 16 gain steps with a default gain of 8. • Changed math and other functions associated with auto cal gain adjust. • Fixed problem with Month of Date being wrong on MMC files. • Combined REV A and REV B firmware into one source which is conditionally compiled for the version. • Changed the lower value of the AGC to be 50% of the range. • Fixed problem with files that have been retrieved not showing as "Retrieved" when moved to the MMC. • Fixed bug moving held over weights inside buffer. • Added new Factory Gain Test.

	<ul style="list-style-type: none"> Updated version code to REV C. Changed factory gain test to use threshold of 50 for gains 1-8 and 150 for gains 9-16. Also changed display so that values > 99999999 are displayed in hex instead of decimal. Changed the ranges on the first two current measurements in the factory test. Concurrent changes to TrafMan (v. 6.07) and TCC-540 EPROM (v. 2.86) <p>Note:</p> <ul style="list-style-type: none"> This version is only compatible with 180318 Rev B and higher
D	<ul style="list-style-type: none"> Added support for new GVW Adjust Values Updated version code to REV C1 Concurrent changes to TrafMan (v.6.09) and TCC-540 EPROM (v2.87)
E	<ul style="list-style-type: none"> Added AutoCal on Class 2 values and AutoCal Min/Max Value adjust Added AutoCal on Class 2 Range value. Also changed the AutoCal on Class 2 system to only function with 2 axle vehicles (regardless of their class number) fixed a bug in the Autocal on Class 2 function that caused the gain to toggle between two values Concurrent changes to TrafMan (v. 6.19) and TCC540 EPROM (v. 2.93)
F	<ul style="list-style-type: none"> Changed MMC access to use standard board rather than Fast MMC board mods.
G	<ul style="list-style-type: none"> Changed how MMC handles unexpected data (unexpected or corrupt data is ignored) Changed the command issued to the MMC when the TCC is told to erase memory. Entire card is now erased instead of only recognized data.
H	<ul style="list-style-type: none"> Corrected bugs in the IRD Vehicle Output Message