Version 1.649
Initial Production Release.

Various internal releases, not for beta or public use

Began usage of Flash32 Flash Update Utility (update.exe) for firmware updates, version 4.12
Handles com ports above 10
Added Eagle as a supported rig to the standard Flash 32 Update Utility used in TenTec firmware updates
Improved handling of invalid responses from rig. Problem could cause program block-writes to fail in the Eagle, some resulted in initializing the boot loader chip memory. May take longer to program now, but more reliable now

Version 1.682
Cross Band Transmit is now prohibited
Remember NR value upon power up (NR is always forced off on power up, the value was remembered as zero, now actual user selection is remembered for the value)
Corrected state of RF Gain upon power up when it's value was 0
Added zero power setting so that customers can use the rig for code practice without transmitting
Added QSK UI control (dELAY in CW Ring, 0 = full QSK, 1..100 = approx. 15ms to 2.5seconds Transmit element release)
Added control of bandwidth to the USB CAT interface. (Uses Orion format. Once set serially, the BW encoder is ignored. Set to 0 via CAT again to turn off serial over ride of bandwidth. Power Up default is always BW encoder control)
Corrected MASTER_RESET clear of memories (was not clearing memories above 15, now all 100 are cleared)
Handle external keyers that erroneously release TX intermittently during dahs. Added hysteresis on Key Release for 35usec

V1.687
Corrected Main Frequency CAT query, sporadically sending back incorrect frequency
Corrected Sub Frequency CAT query, was sending back Main frequency prefix
Corrected tuner recall for the band on power-up. Band changes forced proper tuner settings, only an issue on power up

V1.688
Updated Factory Test Default Values
Note: From a customer point of view, V1.687 and V1.688 have no functional differences. 1.688 modifies default values for factory test and alignment only. Customers can use either version without any differences

V1.736
Improved Auto Tuner Speed/Performance
Prevent Auto Tune when Power Level set to 0

V1.771
Improve FM Transmit
Correct User Memory Write
Spread out Speech Processor Range
Initializing QSK Delay Value Through Power Reset
Corrected AGC Remembered Per Mode Through Power Reset

V1.786
Added POST-AGC filters to improve selectivity. (Improved receive audio)
Adjusted the center frequency of the 15kHz filter to improve performance.

V1.790
Improved CW T/R Transitioning – Helps reduce possible key clicks in certain conditions
Corrected Improper Transmit Gain when switching bands using A/B

V1.795

Improved FM Receive Filter
Improved FM Receive to handle greater deviation

V1.810
Modified AGC for improved IMD performance
Resolved Memory Recall Transmit issue
Improved RF Gain Range

V1.815
Modified RF POT and PBT POT to reduce false triggers/changes
Corrected TUNER ON/OFF recall of incorrect caps/inds setting

V1.816
Corrected AUTO TUNE Cycle Exit, mode was incorrect

V1.819
Improved Modulation on AM Transmit

V1.823
Resolved A/B pulling incorrect mode for 6m
Added Recall of Mode per Band to A/B function, same as how BAN recalls last mode per band in previous builds

V1.824
Improved NR recovered AF Level

V1.825
Corrected issue where actual output power would overshoot selected output power level

V1.829
Modified pseudo AGC attack so that it is more resistant to loading upon impulse noise
Corrected occasional startup problem that caused the frequency to jump up or down by 1 step.
Improved algorithm for transmit to prevent over shoot when changing input levels.
Added 4khz and 8khz to bandwidth selection, (lost 3.125khz and 3.100khz, no changes to CAT interface)