SATELLINE-3AS(d) and SATELLINE-3AS(d) Epic software version 3.32 release note

The software version 3.32 is the new default software version of SATELLINE-3AS(d), SATELLINE-3AS(d) 869 and SATELLINE-3AS(d) Epic radio modems.

Fixed:

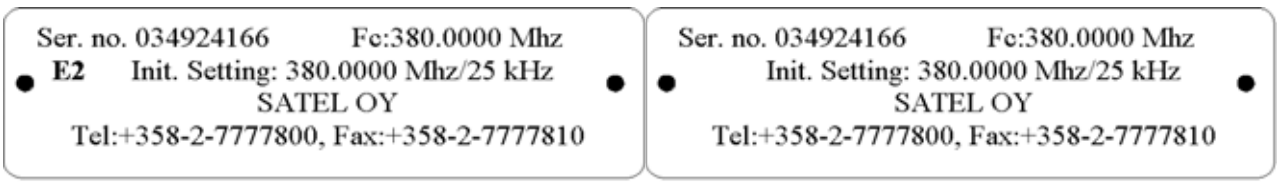
a) Full CRC16 check added. This will count for 16 bit CRC for data packet before sending and will add it on transmit. Before letting received packet out from serial port comparison to calculated CRC and received CRC and if those are not matching packet will be deleted.
b) COM buffer increased from 512 to 1024, which allows 1kb packets go trough in Full CRC 16 mode
c) Modems with display will have base noise RSSI value
d) SL+T=1 and SL+T=0 commands added to put on/off carrier transmit
e) SL&+= and SL&-= commands will allow 4 digits channel quantity. Channel can be given with 2 or 4 digits. Response is with 2 digits if channels value is <100.
f) SL@F? to request base noise level
g) SL@X=9 will reset the modem
h) Pause length setting max is 255 and on start up if exceeded this will be set to 3

Note!

The numbering of the software versions:

1) The software versions starting from number 3.0 apply for the radio modems labeled with "E2" marking. (=equipped with the 3069 microprocessor). The name extension of those Flash files is **.sf2** instead of .sff.
2) The software versions 0.xx...2.xx apply for the radio modems which do NOT have the marking "E2" on the label (=equipped with the 3048 microprocessor).

Note! The flash update of the software versions starting from 3.00 requires Saterm version 4.0 or later. Saterm recognizes whether the software to be updated matches the hardware of the radio modem.



Picture: On the left is label of modem with new logic board. On the right: label of modem with old logic board.

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