

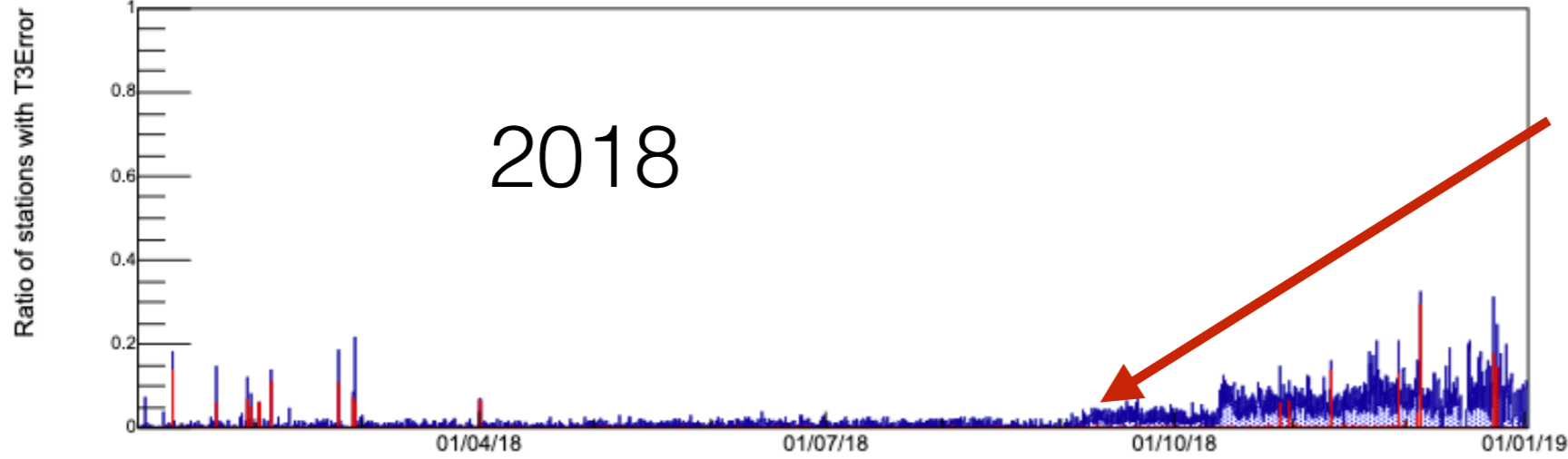
# Problems in infill

## The current situation

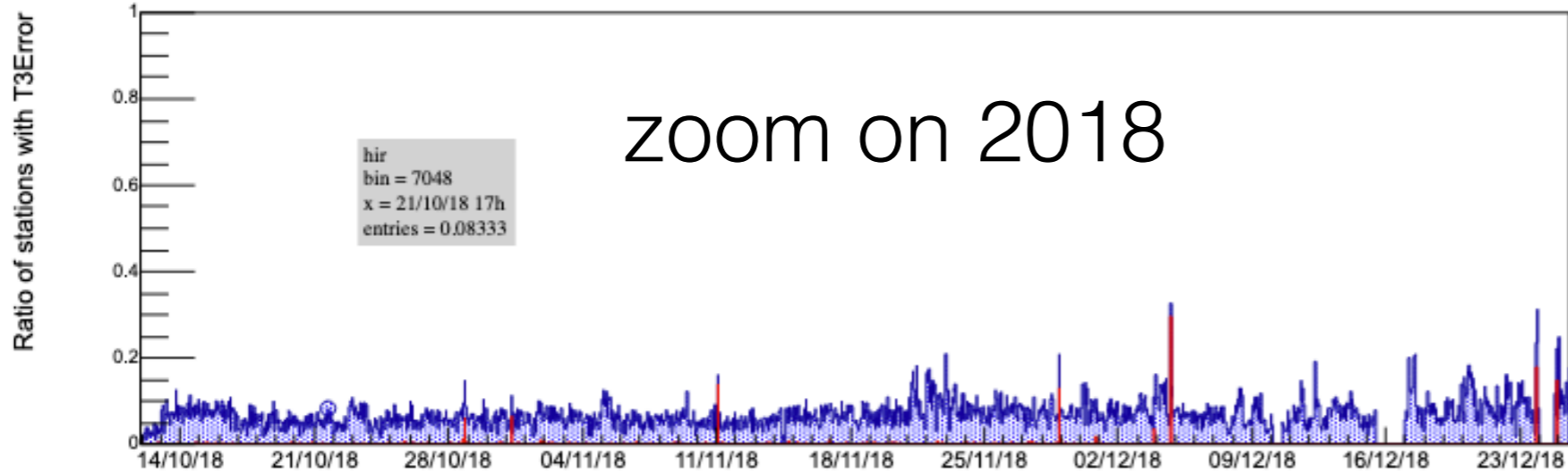
Isabelle Lhenry-Yvon , IPN Orsay

# T3 Error rate

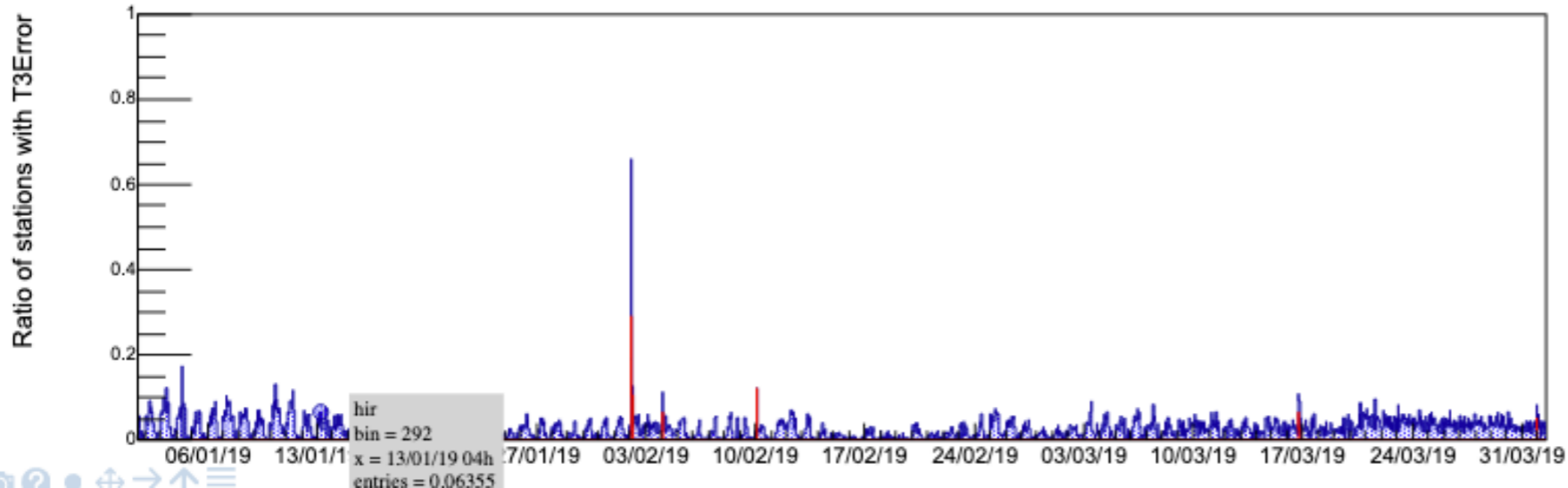
750m array 213 hours above 0.1 with Error 1+2+7



750m array 213 hours above 0.1 with Error 1+2+7



750m array 12 hours above 0.1 with Error 1+2+7

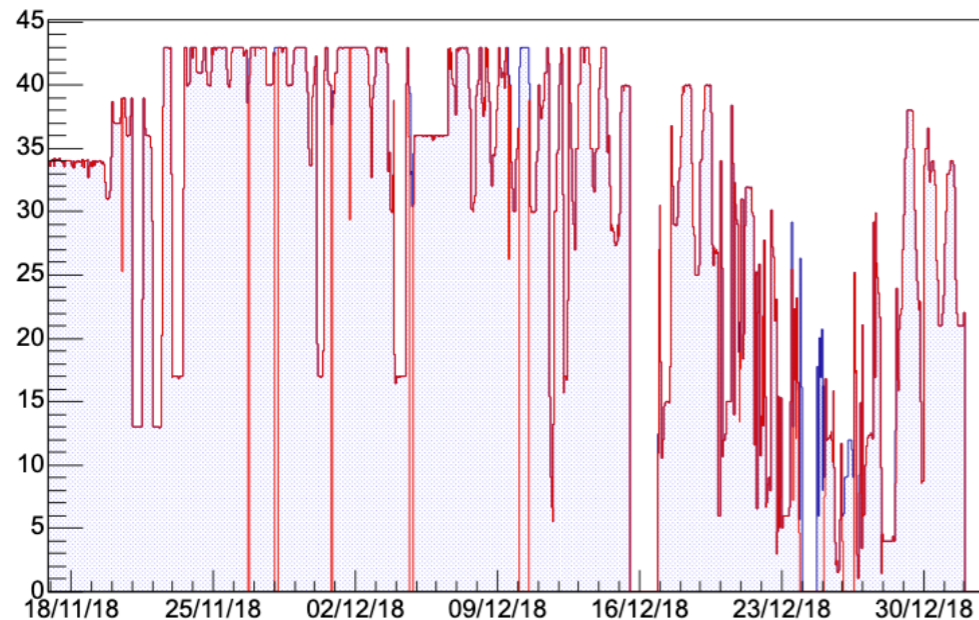


Since 2019, appear a clear night and day modulation  
Improvement mid -february  
No more modulation in March  
The rate is still high

In april new problem reported by Ricardo  
> more increase of T3 errors rate in april  
(currently being processed)

# Hexagons

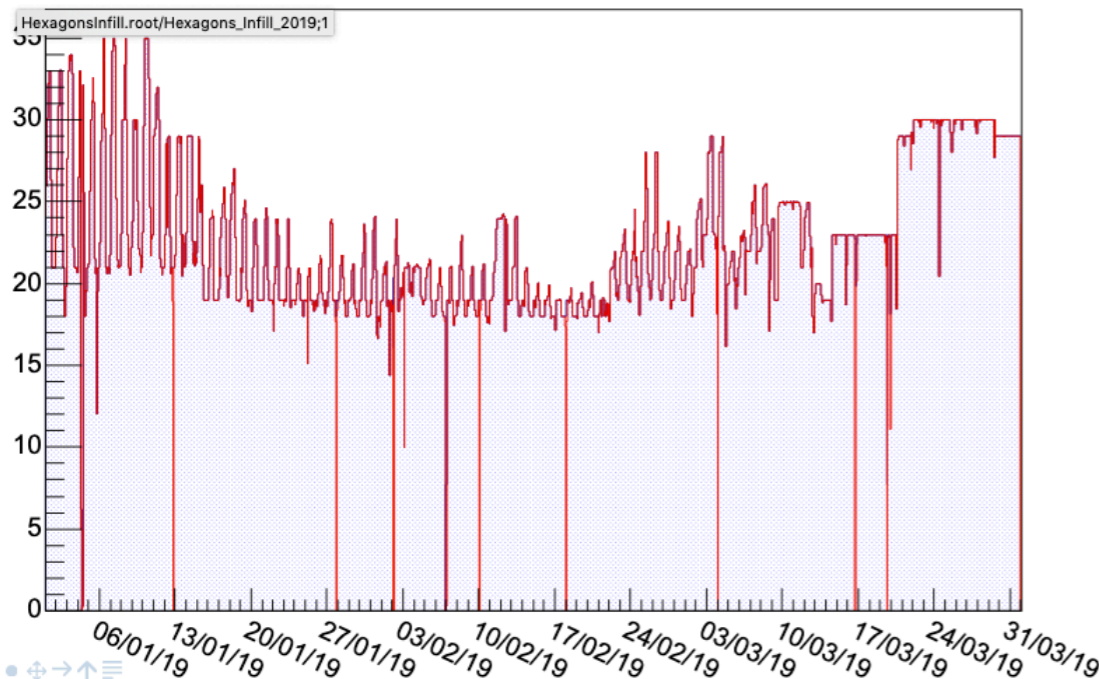
2018 in red after bad periods cut



The situation in December 2018 became dramatic.

From Manuel « *Human error in the interconnection between the radios and the LS that produced erratic hardware failures of the radios and the attached LS. These errors affected 20 of the stations with AMIGA radios*»

2019 in red after bad periods cut



Up to mid march , we see night day modulation : some tanks don't work during the dat.

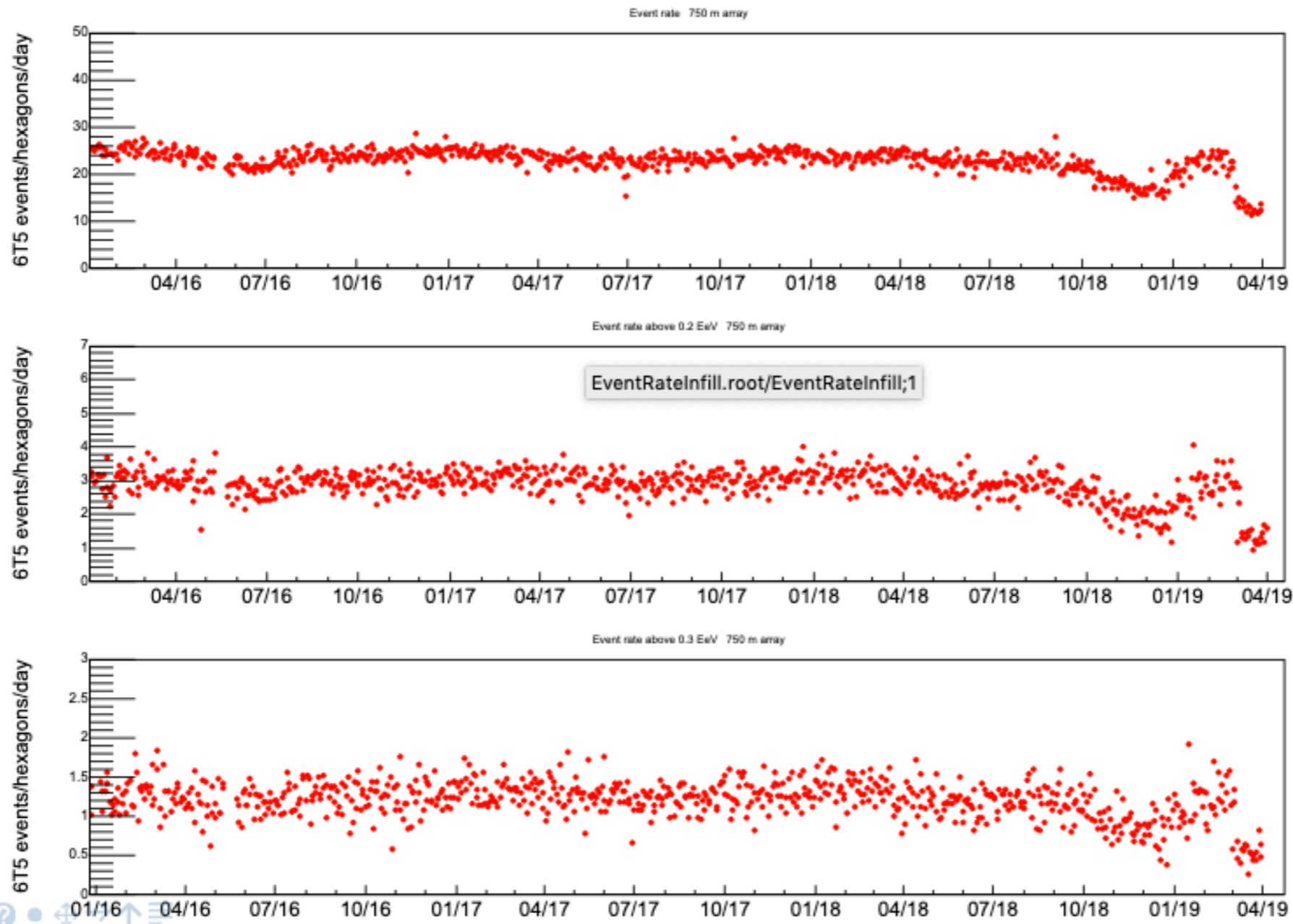
Mid Febraury these tanks were not sending t2 ( probably the reason why the T3 Errors rate was lower)

From Manuel « *we decided to fix this error and address another possible source of failure that was the power source of the radios. Since then the radios have been up, another 20 stations were deployed in the meantime. »*

The problem seen by ricardo was identified as software problem and was solvedy

Deployment of coms stopped wating for more checks

# Event rate infill array



The stations were sending T2 but not taking part to events !

The Infill rate dropped again in March , and probably in April ... to be checked in the next days

Currently working on a new tool to check that each tank is triggering as expected ( to give to shifters)