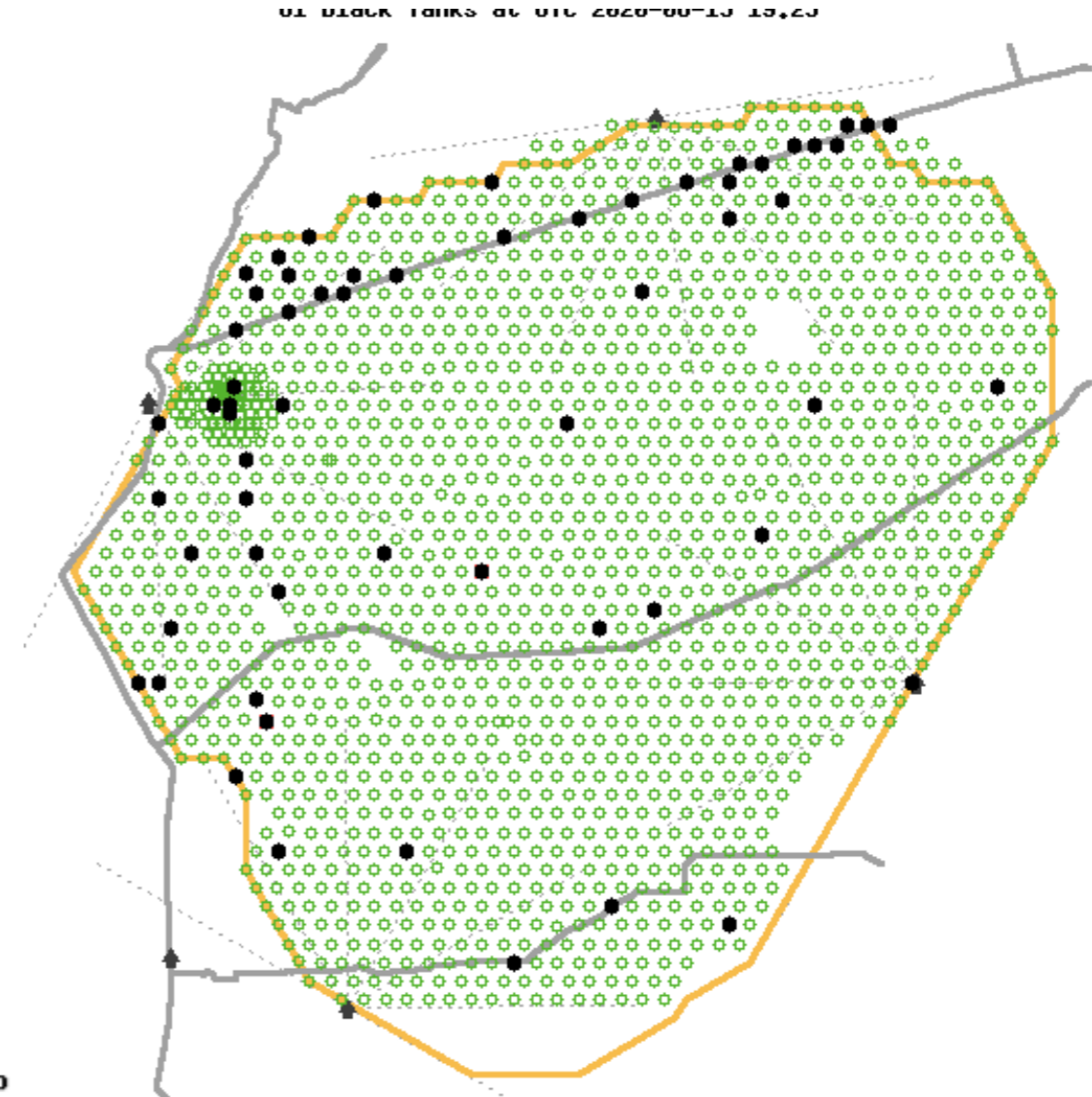# SD Performance

Isabelle Lhenry-Yvon , IJCLAB
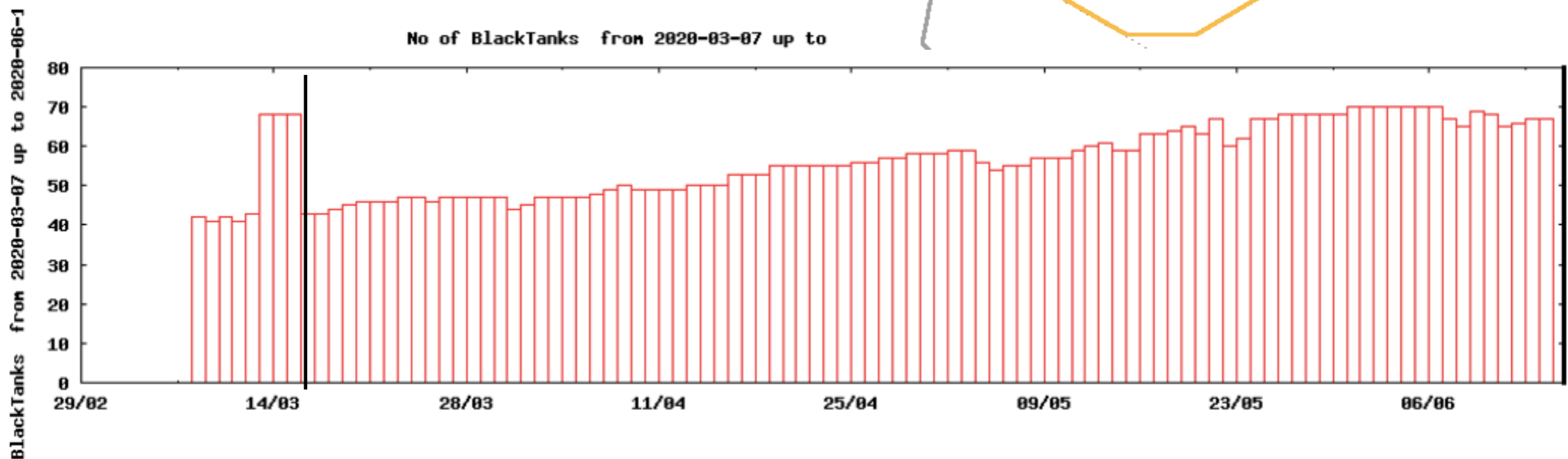
Status of the array

61 black tanks (4 in the infill)
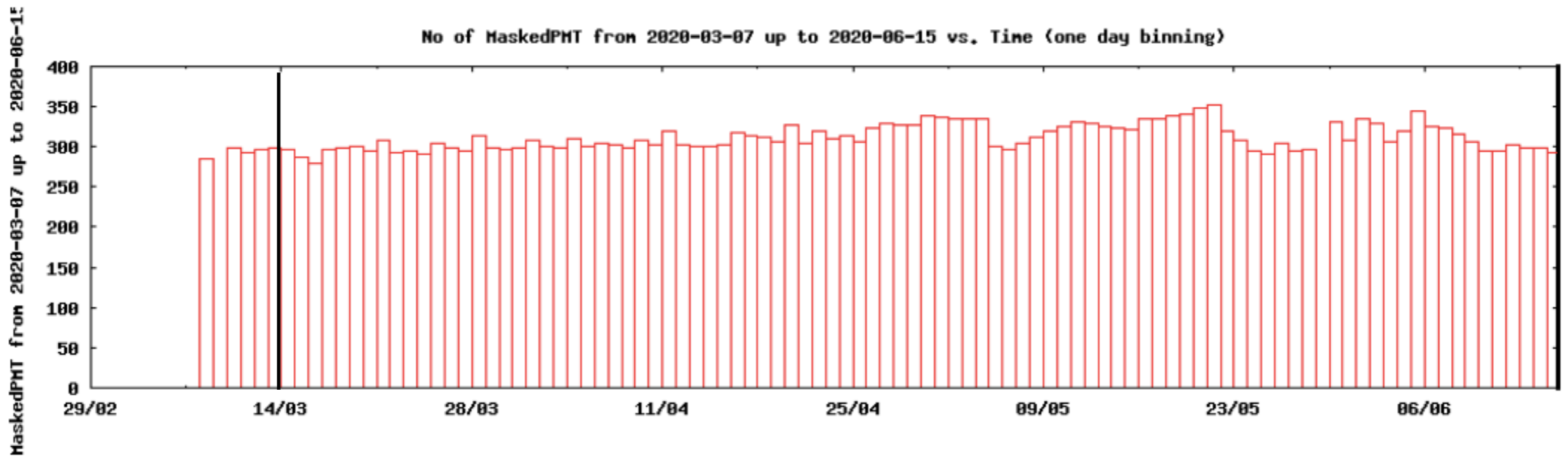19 near the road

We had 37 before covid-lock down
and 70 at the end of May
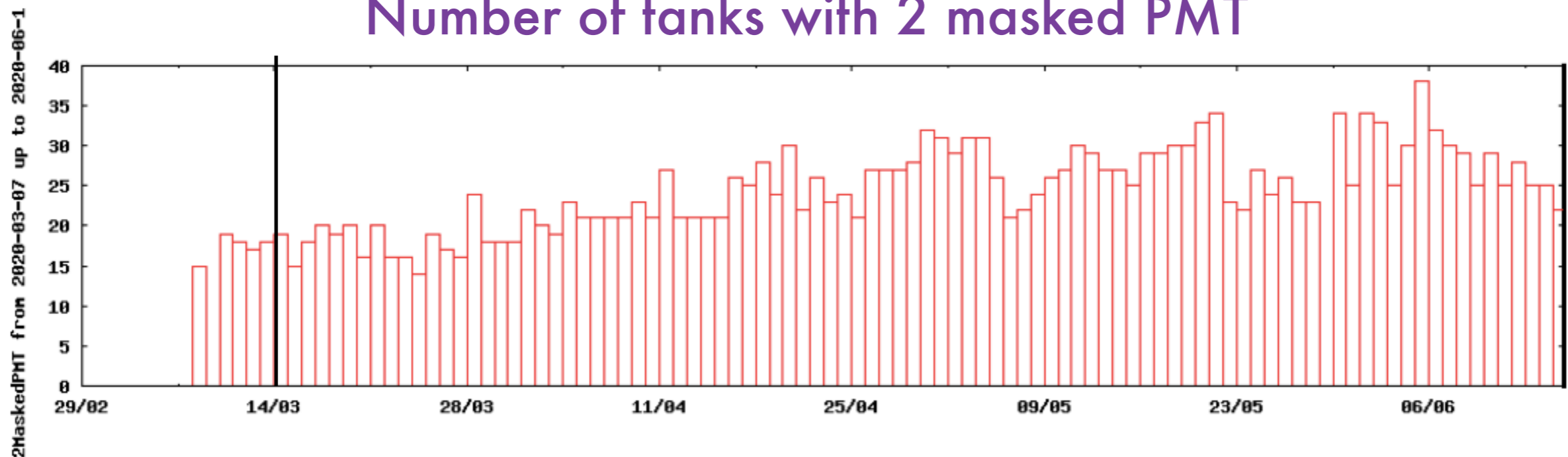
Black tanks since lock-down

01 Black Tanks at UTC 2020-06-15 15:25

No of BlackTanks from 2020-03-07 up to

BlackTanks from 2020-03-07 up to 2020-06-1

Number of masked PMTs since lock-down

No of MaskedPMT from 2020-03-07 up to 2020-06-15 vs. Time (one day binning)
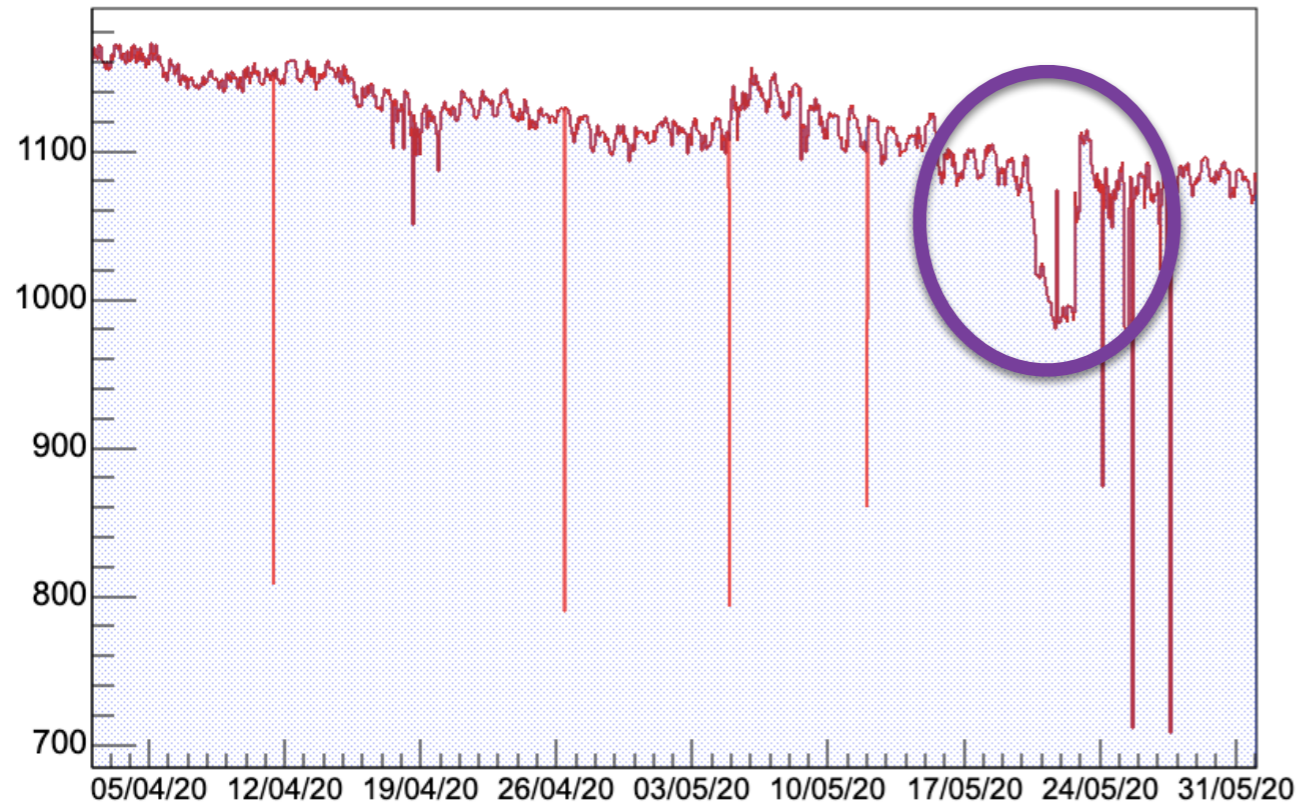
up to 350 , now are just below 300

Number of tanks with 2 masked PMT

up to 37, now back to 22

Behavior of hexagons in both arrays
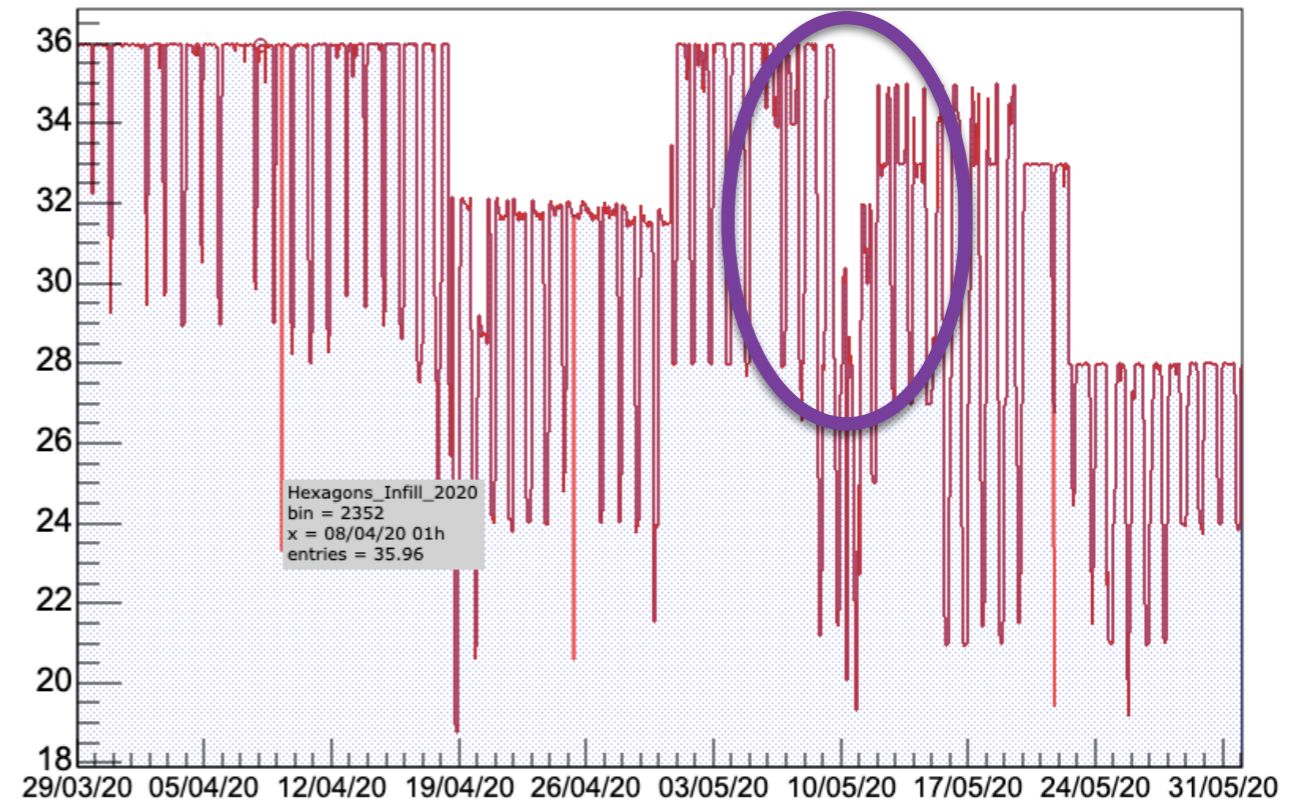
1500 m array

750 m array

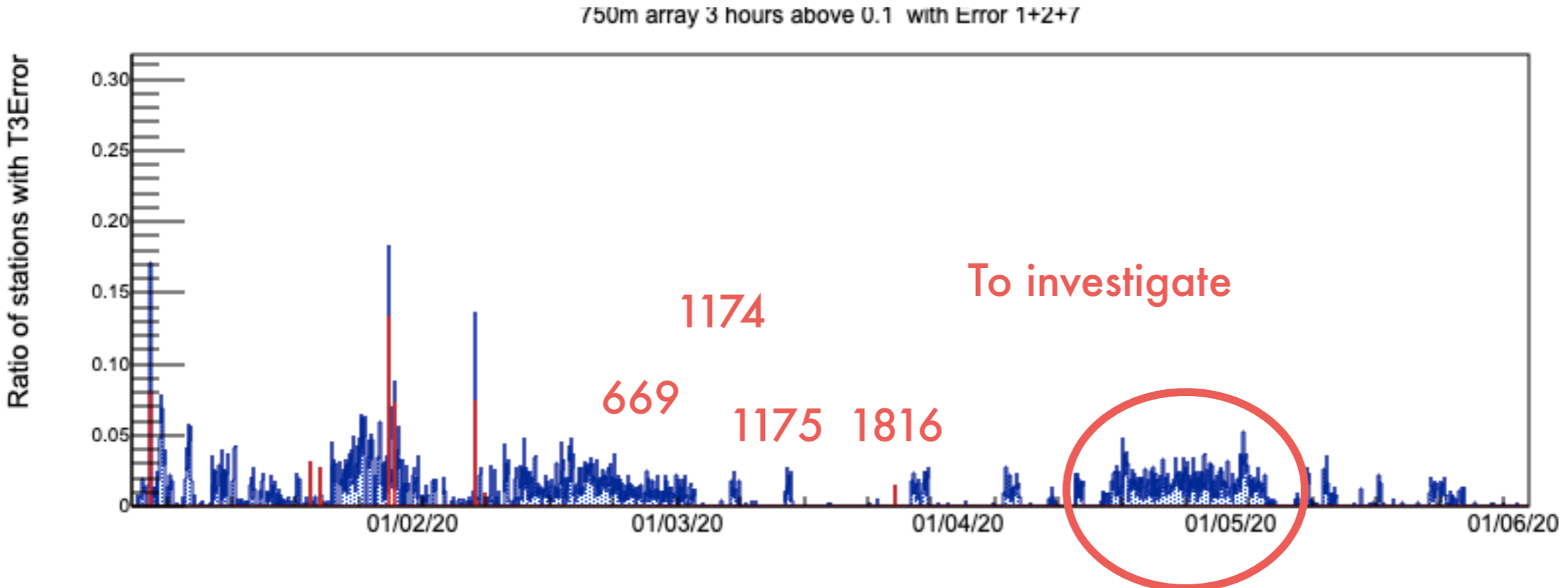
day/night modulation in 4 tanks
1849, 1074,1423, 968

(Minimum at 17h00)

day/night modulation on at least 2 tanks

750m array 3 hours above 0.1 with Error 1+2+7

1174

669

1175 1816

To investigate

EFFECT on the 750 m array rate (weather corrected)

The T3 errors periods result in period of event loss -> drops in the rate

Period of sept/oct 2019

Low number of hexagons in activity