

Tracker Checklist

GMT day _____ from _____ to _____

Local date _____ from _____ to _____

Shifter Name _____

STATUS check every hour during AOS (not in SAA). If any anomaly is present, report it in ELOG

If a problem persists, call the Tracker Expert (169777)

If a problem is related to Tracker Temperatures, call the Tracker Expert (169777)

If a problem is related to TTCS status, call the TTCS Expert (169780)

GMT time

:	:	:	:	:	:	:	:
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Tracker Temperature sensors (AMI on pccosp1)

1	A, C	[-10°, 25°]							
2	K, M	[-10°, 25°]							
3	1N-2, 1N-5, 1NS-2	[-15°, 35°]							
4	1NS-1	[-25°, 35°]							

TTCS status (AMI on pccosp1)

5	(Pt01-Pt02)	> 5°							
6	Pump frequency	> 4000 rpm							

Calibrations (tkonline last_cal.root)

first calib. _____ last calib. _____

7	Pedestals overflows Y	0 ± 20							
8	Pedestals overflows X	2700 ± 20							
9	Average noise Y	2.6 ± 0.2 ADC							
10	Average noise X	3.0 ± 0.2 ADC							
11	# strips, bit 3	2000 ± 200 (Y), 5000 ± 500 (X)							
12	#strips, bit 8,10,11,12,13,14	0							
13	#strips, bit 9	463 (Y), 1469 (X)							
14	#strips, bit 15	64 (Y), 3328 (X)							

Data (tkonline last_one_minute.root)

first run _____ last run _____

15	Raw Occupancy (check ~/Dektop/TRK_Raw_Occupancy_Reference.png)	no noisy (> 10 on colour scale) or dead (white) ladders (compare reference)							
16	Event size (peak)	< 1500 byte							
17	Crate event size	< 200 byte							

Know anomalies are reported on <https://twiki.cern.ch/twiki/bin/view/Main/LadderList>