

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 pcposp1, Tracker temps -> Tracker and loop temps and Plane 1 temps)

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 pcposp1, Tracker temps -> Subcooling)

5	(Pt01-Pt02)	> 5 °C								
6	Pump frequency	> 4000 rpm								
7	Pt08, Pt11	> -46 °C								

Calibrations (tkonline last_cal.root)

first calib. _____ last calib. _____

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

Data (tkonline last_one_minute.root)

first run _____ last run _____

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

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