Continuous DAQ parameters

1. Time
2. Shot number?
3. RF permit status
4. RF modulator status
5. RF pulse length
6. Klystron Forward Power (100 ns from end)
7. Klystron Reflected Power (100 ns from end)
8. Cavity Forward Power (100 ns from end)
9. Cavity Reflected Power (100 ns from end)
10. Probe power (100 ns from end)
11. WCM reading
12. IMG vacuum level
13. Vacuum valve status
14. Cavity temperature
15. Water temperature
16. Breakdown Rate
17. Total number of breakdowns

Breakdown DAQ

1. Last 3 full traces Klystron Forward Power & phase
2. Last 3 full traces Klystron Reverse Power & phase
3. Last 3 full traces Cavity Forward Power & phase
4. Last 3 full traces Cavity Reverse Power & phase
5. Last 3 full traces Probe Forward Power & phase
6. Breakdown number
7. Breakdown type/trigger
8. IMG vacuum level
9. WCM reading
10. Breakdown rate

Tweakable parameters

1. Time between RF increases
2. RF increase level
3. RF repetition rate
4. Breakdown rate aim
5. Reflected power mask parameters
6. Vacuum spike level
7. Dark current spike level