## Q330 State of Health Channels – Summary

- ACE a text log of significant changes in clock status (unreadable by PQL)
- **LOG** a text log of Q330 and operator actions (unreadable by PQL)
- OCF binary configuration structures encapsulated in MSEED (no units)

Analyse using pql STA\*LC\*STA\*V\*

- LCQ clock quality (percentage)
- LCE clock phase error (microseconds)

VCO – PPL value (range 0-0495, median = 2048, no units)

**VEA** – current supplied to the GPS antenna (milliamps)

**VEC** - input power supply current (milliamps, not including current passed through to Baler, sensors, etc. that may share a power connection via a Q330 connector)

- **VEP** input power supply voltage (150mV/count)
- **VKI** internal temperature (degrees C)
- VM\* boom position channels (10 counts/volt) \* = Z, 1, 2 or Z, N, E or U, V, W
- **VPB** percentage of telemetry packet queue in use for current Data Port (units 0.1%)