

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%)