GPS Valves

GPS Valve Cycles

GPS valves are the microvalves and GC valves in the manifolds. The high- conductance valve (HCV) and the multi-function valve (MFV) are documented in another entry.

Valve cycles are determined by examining the message log and counting the number of times a valve transitions from closed to opened. When counting valve cycles for a TID, the state of the valve cycles in the previous TID is accounted for. The exact regexes used (as of Feb 22) are:

```
VALVE_OPENED_REGEX = r'.*valve \d opened$'
VALVE_CLOSED_REGEX = r'.*valve \d closed$'
```

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