MOVE-ON Helium Sensors
Postflight analysis of the data stored on the CDH SD card

Wed Apr 4 11:45:00 UTC 2018
to
Wed Apr 4 14:45:00 UTC 2018

Accelerometer

Gyroscope

GYRO_X GYRO_Y GYRO_Z

Magnetometer

MAG_X MAG_Y MAG_Z

Euler Angles

Legend: ANG_X, ANG_Y, ANG_Z

Temperature

Legend: ENV0, ENV1, IMU, ADCS_OW1, ADCS_OW2, ADCS_OW3, TOSS_OW1, TOSS_OW2, TOSS_OW3, TOSS_OW4, OW_T0, OW_T1, OW_T2, OW_T3, OW_T4, OW_T5, OW_T6

Humidity

ENV0   ENV1

Pressure

ENV0   ENV1

4

Gas

ENV0   ENV1

Altitude

Density Altitude ENV0   Pressure Altitude ENV0   Density Altitude ENV1   Pressure Altitude ENV1

ADCS Sun raw

Sun pad 1 — Sun pad 2 — Sun pad 3 — Sun pad 4

ADCS Sun Vector

SUN_X — SUN_Y — SUN_Z

TOSS Photodiodes

PH1 — PH2 — PH3 — PH4 — PH5 — PH6 — PH7 — PH8 — PH9

Uptime

LOG count — RTC time