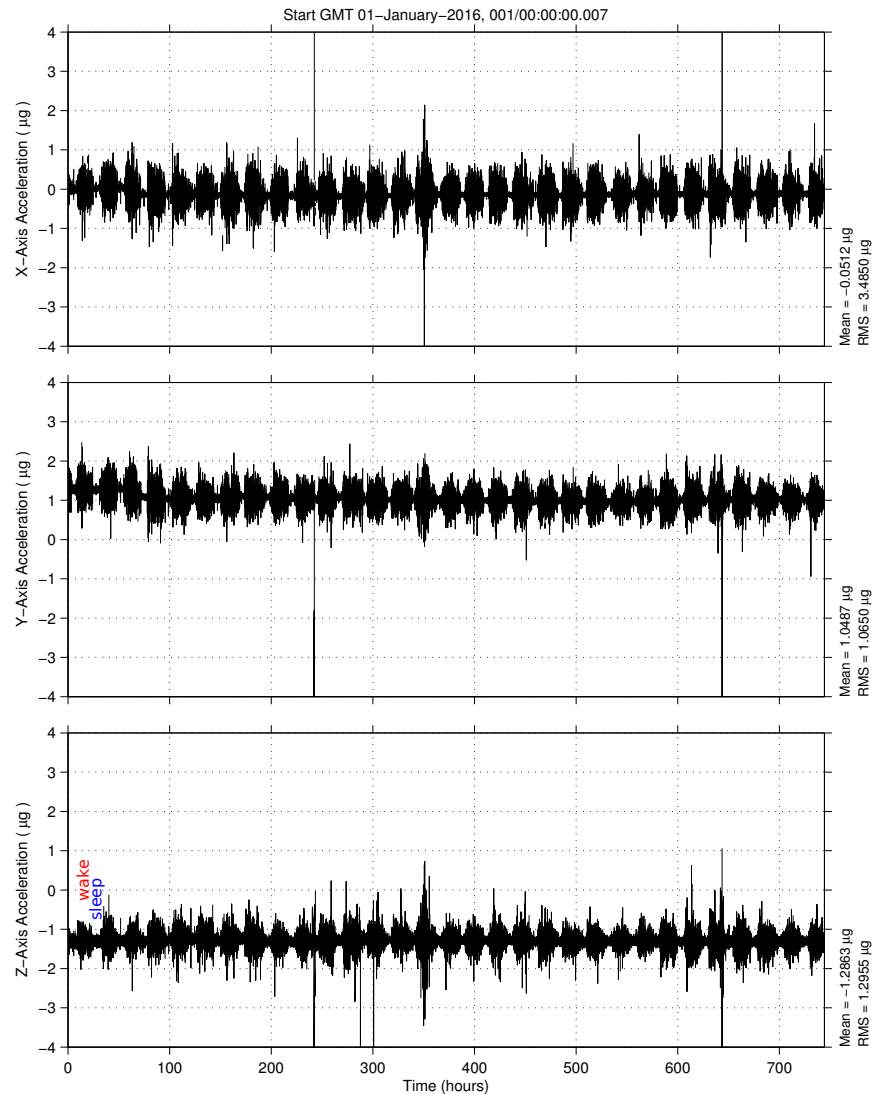


Veggie Quasi-Steady Vector Jan2016 Quantify

mams_ossbtmf mapped to Veggie[306.90 320.60 233.90]
0.0625 sa/sec (0.01 Hz)

mams_accel_ossbtmf, LAB1O2, ER1, Lockers 3,4, 0.0 Hz (0.1 s/sec)

SSAnalysis[0.0 0.0 0.0]



Description	
Sensor	MAMS ossbtmf 0.0625 sa/sec, 0.01 Hz
Location	LAB1O2, ER1, Lockers 3,4
Plot Type	XYZ Accel. vs. Time

Notes:

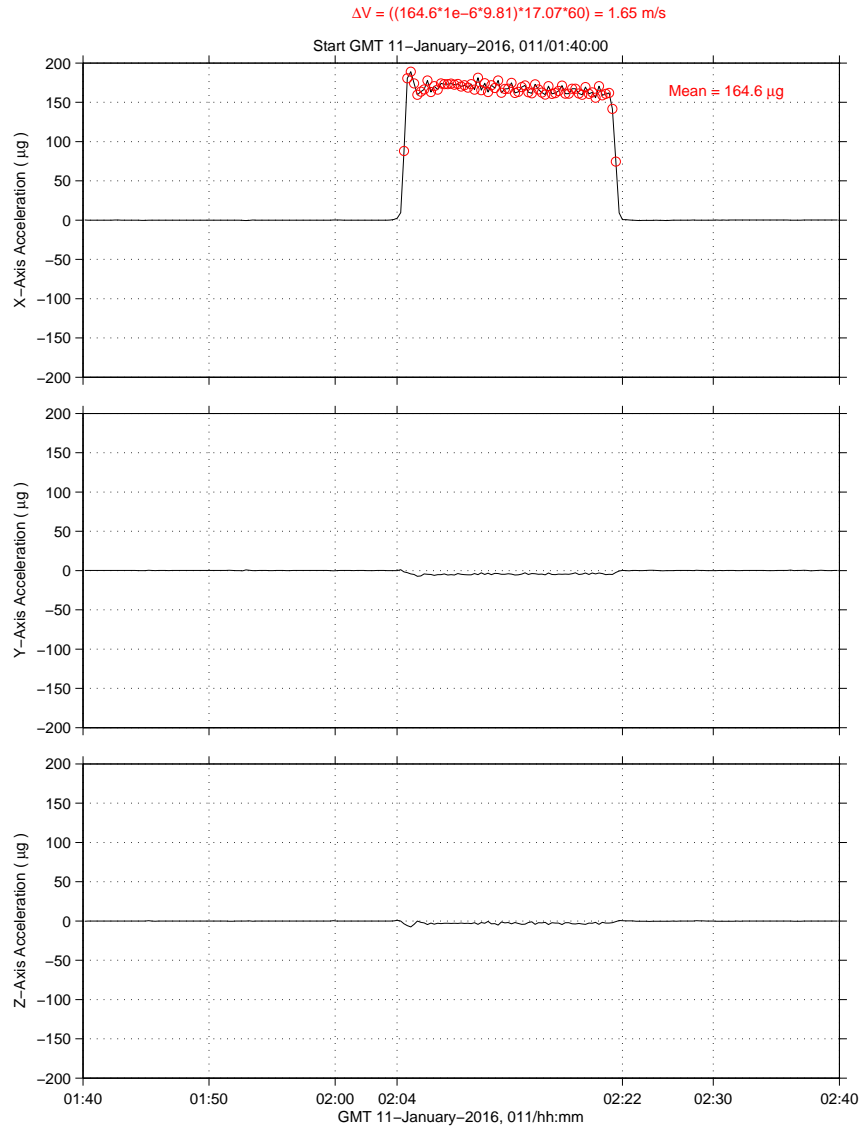
- This 3-panel plot shows MAMS measurements for all of January 2016.
- These data were mathematically mapped to the following location in Space Station Analysis Coordinates:
 - XA = +306.9"
 - YA = +320.6"
 - ZA = +233.9"
- The coordinates shown above are approximately that of COL1A1 rack (ER3) location inside of the Columbus Module.
- Note that what appears to be a positive acceleration spike is shown as a 17-minute reboost on GMT 11-Jan-2016 (see the next page for detail).
-

Regime:	Quasi-Steady
Category:	Vehicle
Source:	Veggie Quasi-Steady Vector Jan2016



Veggie Quasi-Steady Vector Jan2016 Quantify

mams_ossbtmf at LAB1O2, ER1, Lockers 3,4 [135.28 -10.68 132.12]
0.0625 sa/sec (0.01 Hz) mams_accel_ossbtmf, LAB1O2, ER1, Lockers 3,4, 0.0 Hz (0.1 s/sec) SSAnalysis[0.0 0.0 0.0]



Description	
Sensor	MAMS ossbtmf 0.0625 sa/sec, 0.01 Hz
Location	LAB1O2, ER1, Lockers 3,4
Plot Type	XYZ Accel. vs. Time

Notes:

- This 3-panel plot of MAMS OSS data shows the Progress 61P reboost that took place on GMT 11-Jan-2016.
- These data were not mapped to the Veggie location like the data on the previous page.
- These data are intended to show that when a Progress vehicle fires its thrusters in the aftward direction, it results in a temporary acceleration opposite the direction the thrusters are pointed. Newton's 3rd law.
- This should give you polarity reference of the data on both this page and on the previous page. When the vehicle and things rigidly attached to it accelerate in the forward direction, MAMS measures a positive XA-axis acceleration as seen here.

Regime:	Quasi-Steady
Category:	Vehicle
Source:	Veggie Quasi-Steady Vector Jan2016

