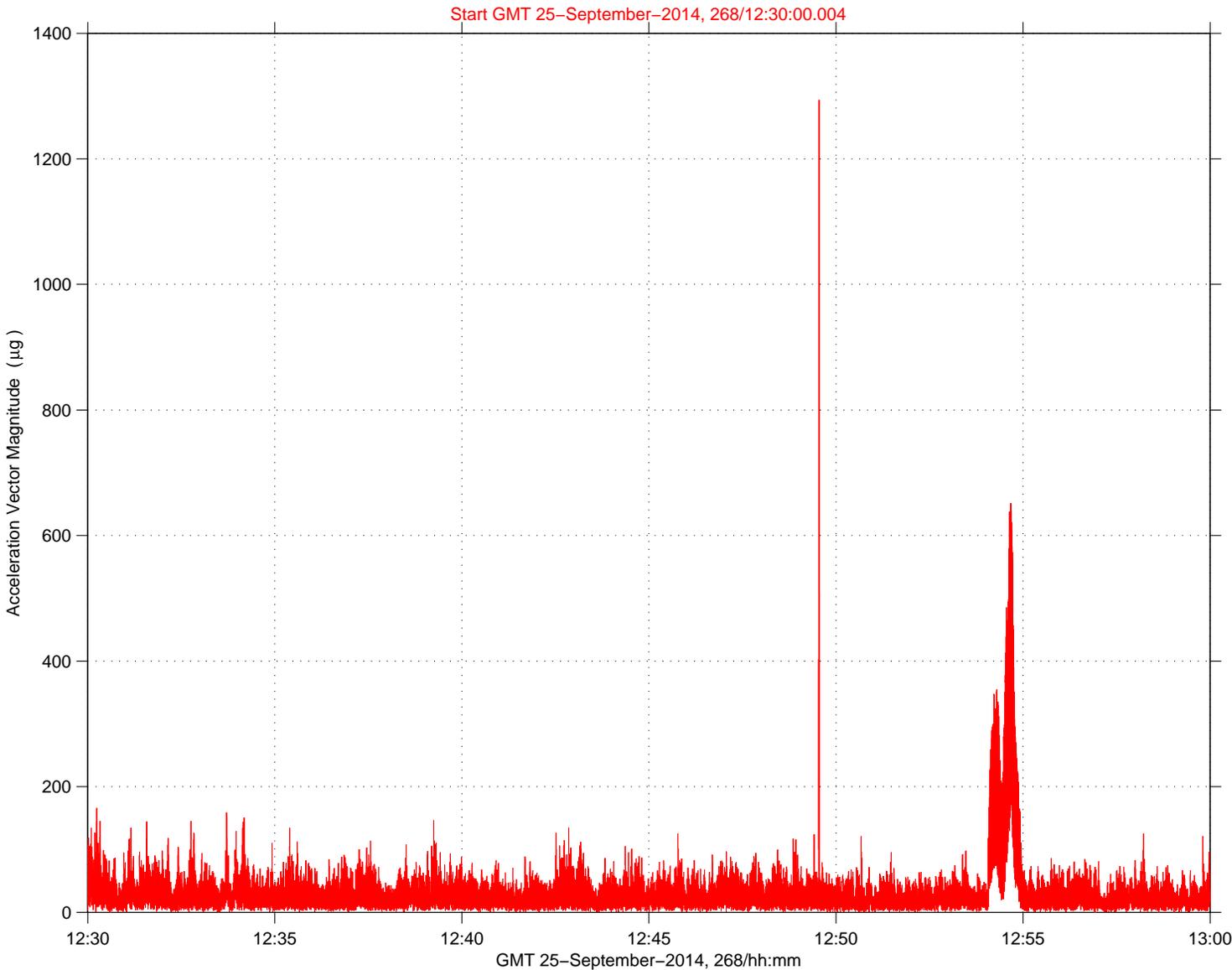


# Install Rodent Research Habitat Quantify

sams2, 121f08006 at COL1A1, ER3, Seat Track near D1:[371.17 193.43 165.75]  
142.0000 sa/sec (6.00 Hz)

SAMS2, 121f08006, COL1A1, ER3, Seat Track near D1, 6.0 Hz (142.0 s/sec)

Vector Magnitude



Description	
Sensor	SAMS 121f08006 142.00 sa/sec, 6.00 Hz
Location	COL1A1, ER3, Seat Track near D1
Plot Type	Acceleration vs. Time

- Notes:**
- To see if the crew activity in the USL was transmitted significantly through space station structure to the Columbus module, we again plot acceleration vector magnitude versus time. Here though, we do so using SAMS data measured in the Columbus module for the same half hour during the crew install period.
  - It is now important to note that the data shown here were measured far from the crew activity during install and have been low-pass filtered at 6 Hz.
  - If you compare the plot of SAMS data in Columbus on this page to SAMS data in the USL on the previous page, you can see the impulsive, transient accelerations associated with the crew activity on the previous page are quite distinct relative to what we see here. This point will be better seen on a subsequent page.

Regime:	Vibratory
Category:	Crew
Source:	Install Rodent Research Habitat

