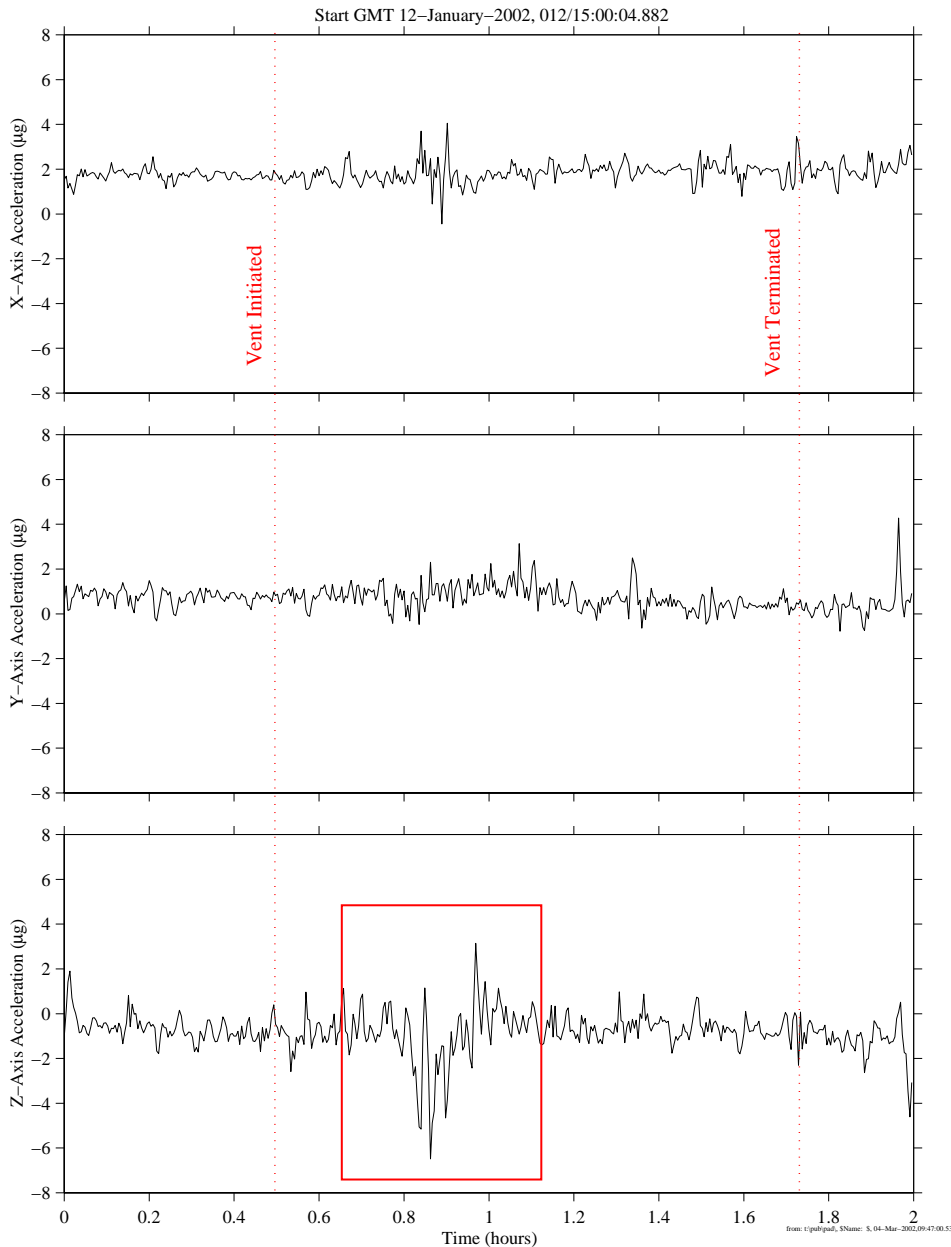


US LAB Condensate Water Dump

mams, ossbtmf at LAB102, ER1, Lockers 3,4:[135.28 -10.68 132.12]
0.0625 sa/sec (1.0 Hz)

Increment: 4, Flight: UF1
SSANalysis[0.0 0.0 0.0]

US Lab Condensate Water Venting



Description

Sensor	MAMS,ossbtmf 0.0625 sa/sec (0.01 Hz)
Location	LAB102, ER1, Lockers 3,4
Orientation	Space Station Analysis (SSA)
Inc/Flight	Increment: 4, Flight: UF1
Plot Type	Time Series

NOTES:

- Vent Orientations:
Lab2A: [0 -0.61 -0.79]
Lab2B: [0 0.61 0.79]. (Space Station Analysis coordinates)
- Prior to water dump, ISS was maneuvered to an attitude that placed the vent in a retrograde position to minimize contamination, Yaw = 273.3, Pitch = 356.7, Roll = 307.0.
- Waste water is held in a Collapsible Water Container (CWC).
- During dump a crew member put a "bear hug" on the CWC to facilitate venting. Crew member observed good flow coming from PORT (2A) vent. Red box indicates largest venting effect.
- The means and RMS values per axis are tabulated below.

Axis	Mean (μg)	RMS (μg)
X	1.83	1.87
Y	0.69	0.87
Z	-0.80	1.21



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PIMS ISS Acceleration Handbook
Date last modified 2/7/03

Regime:	Quasi-steady
Category:	Vehicle
Source:	Vent Lab2A,2B

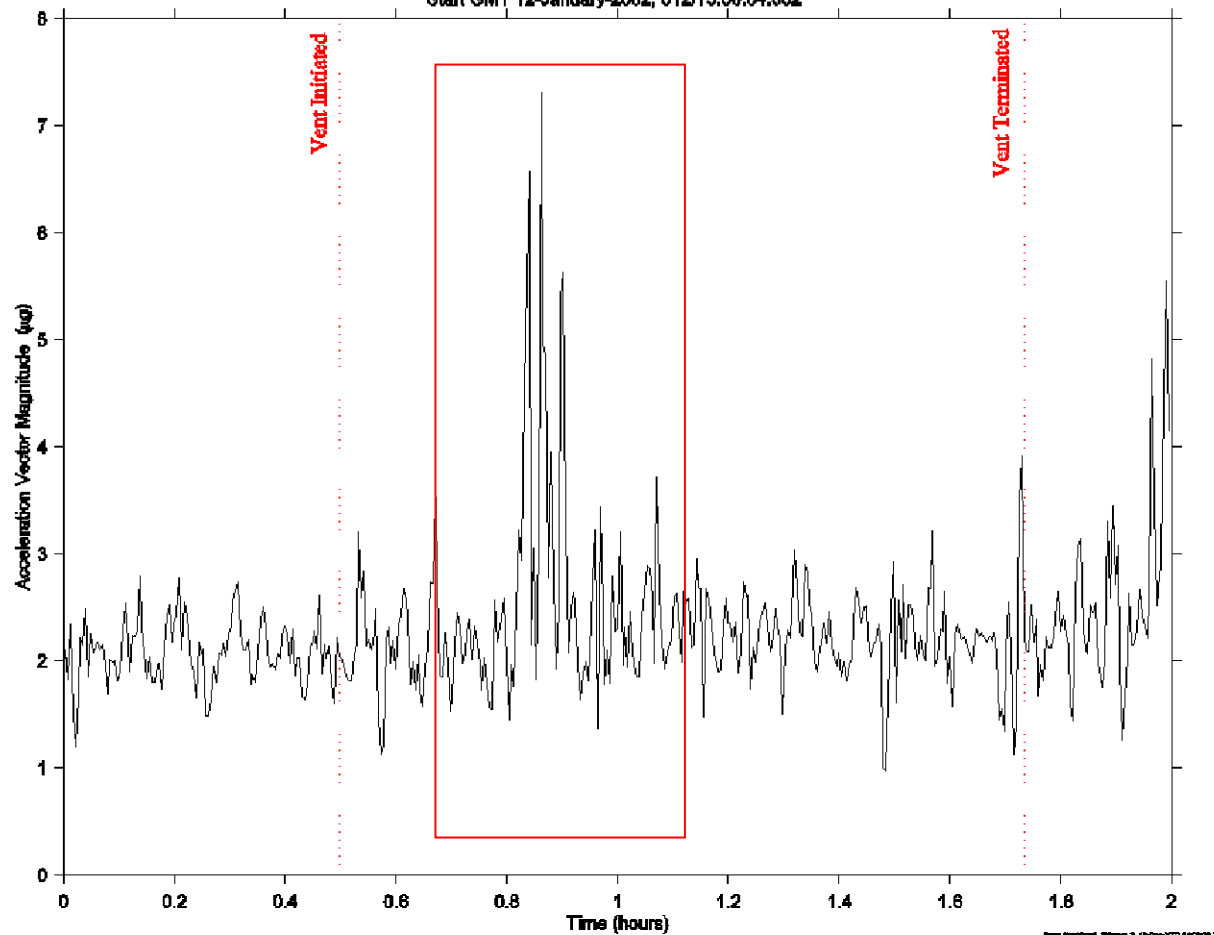
US Lab Condensate Water Dump

mams, ossbtf at LAB1O2, ER1, Lockers 3,4 [135.28 -10.68 132.12]
0.0625 sa/sec (1.00 Hz)

Increment: 4, Flight: UF1
Vector Magnitude

US LAB Condensate Water Venting

Start GMT 12-January-2002, 012/15:09:04.862



Description	
Sensor	MAMS, ossbtf 0.0625 sa/sec (0.01 Hz)
Location	LAB1O2, ER1, Lockers 3,4
Orientation	Space Station Analysis (SSA)
Inc/Flight	Increment: 4, Flight: UF1
Plot Type	Acceleration Magnitude

NOTES:

- Red box indicates largest venting effect on quasi-steady environment.
- Values below were calculated for the time period of the plot.

Parameter	Value (µg)
Mean	2.30
RMS	2.40
Peak	7.30



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Regime:	Quasi-steady
Category:	Vehicle
Source:	Vent Lab2A,2B