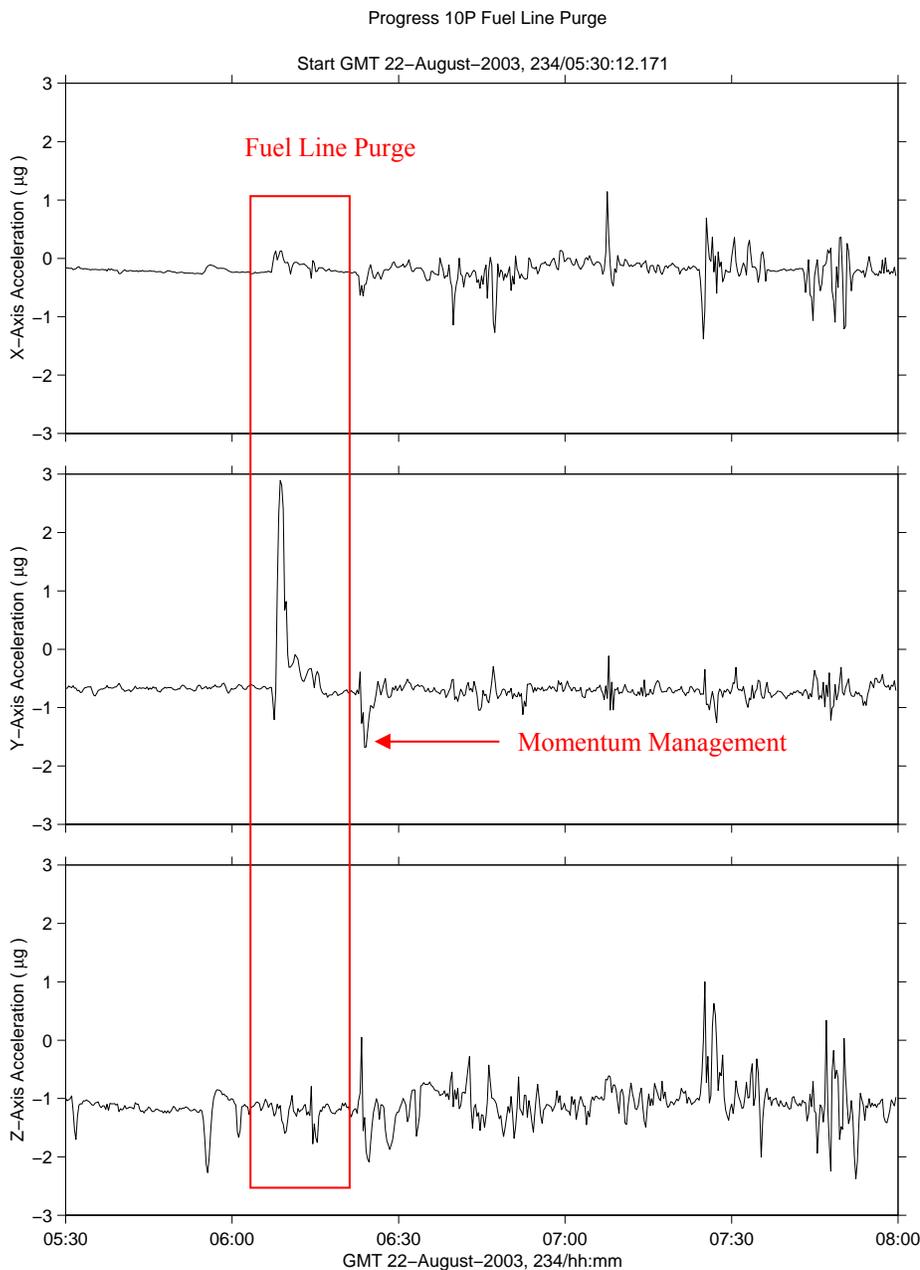


Propellant Line Purge

mams, ossbtmf at LAB1O2, ER1, Lockers 3,4-[135.28 -10.68 132.12]
0.0625 sa/sec (0.01 Hz)

Increment: 7, Flight: 6S
SSAnalysis[0.0 0.0 0.0]



Description

Sensor	MAMS,ossbtmf 0.0625 sa/sec (0.01 Hz)
Location	LAB1O2, ER1, Lockers 3,4
Orientation	Space Station Analysis (SSA)
Inc/Flight	Increment: 7, Flight: 6S
Plot Type	Time Series

NOTES:

- As part of a propellant resupply procedure, fuel and oxidizer are transferred from a newly arrived Progress to the FGB storage tanks. During this procedure the line is purged between steps.
- The fuel line purge prior to Progress 10P undocking occurred at approximately GMT 22-Aug-2003 234/06:07 (see red box).
- A momentum management event is seen at GMT 06:22 which is used to desaturate the Control Moment Gyroscopes (CMG)
- The maximum $\Delta\mu g$ during the purge are given for each axis in the table below.

Axis	$\Delta \mu g$
X	0.35
Y	3.06
Z	-0.37



Microgravity Science Division



Glenn Research Center

Regime:	Quasi-steady
Category:	Vehicle
Source:	Vent