

Apogee		long	lat	alt	x	y	z
Main	0	-146.948849	70.236223	564075.71	-1972986.98	-1283778.38	6510851.17
PFF1	0	-146.956731	70.239568	564075.43	-1972843.07	-1283298.49	6510988.23
PFF2	0	-146.970395	70.225237	563689.5	-1974412.44	-1283649.33	6510036.57
FWD	0	-146.951934	70.233339	566132.21	-1973915.26	-1284231.14	6512668.08
	0	-146.949709	70.246723	566134.18	-1972583.7	-1283473.86	6513219.48
AFT	0	-146.948768	70.225194	562500.85	-1973594.76	-1284177.86	6508916.27
	0	-146.946532	70.238601	562497.03	-1972259.95	-1283418.86	6509463.07

PFF1 went northwest and level
PFF2 went southwest and down

Position w.r.t. Main at 11:11:11 UT (Main Apogee)

	Baseline	Alt
Main	0.0	0.0
PFF1	519.4	-0.3
PFF2	1646.9	-386.2
FWD	2089.9	2056.5
AFT	1607.7	-1578.7
FWD-AFT	3697.6	3635.2