**IBEX Goat Herder**

***Date*** ***Jday*** ***Time***  ***Station*** ***Razor#*** ***USNPR#*** ***PASS/FAIL***

**Saturday, December 16, 2017** 350 2000 USHI02 Pass

***Controller*** ***CAR1*** ***CAR2*** ***CAR3*** ***Radius Earth*** ***S-Band Rate*** ***Station PWR***

TPerry 45 desc 2ksps 179

***EBNO Values*** ***EBNO Values 3*** ***AGC Strength***

11.86 -> 13.84 @2K -119

***EBNO Values 2*** ***AGC Strength 2***

***VC 0*** ***VC 0 Seq Err*** ***VC 1*** ***VC 1 Seq Err***  ***VC 2*** ***VC 2 Seq Err***

221 1 0 0 0 0

***VC 2 Write Pointer*** 47708

***VC 2 Read Pointer*** 34263

Maneuver was nominal

Q1 -0.02354670 ActNor.EstInrToBdy[0]

Q2 -0.83507900 ActNor.EstInrToBdy[1]

Q3 0.54861700 ActNor.EstInrToBdy[2]

Q4 0.03329050 ActNor.EstInrToBdy[3]

GPS sec 1197489581.000 ActNor.EstTime

MPS Diff 0.646

MPS Cmd Vector X -0.076826000

MPS Cmd Vector Y -0.910893000

MPS Cmd Vector Z -0.405429000

CSS Angle TLM 0.68557

CSS Sun-Pointing Angle 1.37114

12 Dec 17 @0600

CSS Angle TLM 0.807213

CSS Sun-Pointing Angle 1.614426

16 Dec 17 @2000

Pre-Burn

Thruster 1 8048 12 Dec 17 @0600

Thruster 2 7872

Thruster 3 8928

Thruster 4 9104

Post-Burn

Thruster 1 8320 16 Dec 17 @2000

Thruster 2 8144

Thruster 3 9232

Thruster 4 9408

Number of Pulses

Thruster 1 272

Thruster 2 272

Thruster 3 304

Thruster 4 304

Thruster Pairs

Thruster 1 & 2 544

Thruster 3 & 4 608