**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