**IBEX Goat Herder**

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

 **Monday, December 26, 2016** 361 1930 USHI02

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

 46 desc 2ksps 190

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

 12.23 -> 13.99 -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***

 0 0 0 0 0 0

 ***VC 2 Write Pointer***  0 ***VC 2 Write Pointer End*** 0

 ***VC 2 Read Pointer***  0 ***VC 2 Read Pointer End*** 0

 Maneuver Nominal:

 Q1 0.55208500 ActNor.EstInrToBdy[0]

 Q2 -0.62777600 ActNor.EstInrToBdy[1]

 Q3 0.44657000 ActNor.EstInrToBdy[2]

 Q4 0.31886600 ActNor.EstInrToBdy[3]

 GPS sec 1166816018.000 ActNor.EstTime

 MPS Diff 0.556

 MPS Cmd Vector X 0.098165000

 MPS Cmd Vector Y -0.909089000

 MPS Cmd Vector Z -0.404870000

 CSS Angle TLM 0.349346 21 Dec 16 @0700

 CSS Sun-Pointing Angle 0.698692

 CSS Angle TLM 0.832277 26 Dec 16 @1930

 CSS Sun-Pointing Angle 1.664554

 Pre-Burn

 Thruster 1 4560 21 Dec 16 @0700

 Thruster 2 4448

 Thruster 3 4880

 Thruster 4 4992

 Post-Burn

 Thruster 1 4864 26 Dec 16 @1930

 Thruster 2 4752

 Thruster 3 5200

 Thruster 4 5312

 Number of Pulses

 Thruster 1 304

 Thruster 2 304

 Thruster 3 320

 Thruster 4 320

 Thruster Pairs

 Thruster 1 & 2 608

 Thruster 3 & 4 640