**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