**IBEX Goat Herder**

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

**Monday, August 22, 2016** 235 1200 USHI01 Pass

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

SWesley 46 asc 2ksps 210

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

9.10 -> 12.90 -114

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

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

218 0 0 0 0 0

***VC 2 Write Pointer***  47720 ***VC 2 Write Pointer End*** 47803

***VC 2 Read Pointer***  31536 ***VC 2 Read Pointer End*** 31536

Spacecraft nominal

maneuver nominal

Q1 -0.37712400 ActNor.EstInrToBdy[0]

Q2 -0.49706000 ActNor.EstInrToBdy[1]

Q3 0.07285690 ActNor.EstInrToBdy[2]

Q4 0.77807500 ActNor.EstInrToBdy[3]

GPS sec 1155902869.000 ActNor.EstTime

MPS Diff 0.575

MPS Cmd Vector X -0.831060000

MPS Cmd Vector Y 0.514296000

MPS Cmd Vector Z 0.211751000

CSS Angle TLM 1.84875 16 Aug 16 @1800

CSS Sun-Pointing Angle 3.6975

CSS Angle TLM 1.183 22 Aug 16 @1200

CSS Sun-Pointing Angle 2.366

Pre-Burn 16 Aug 16 @1800

Thruster 1 17024

Thruster 2 16496

Thruster 3 21312

Thruster 4 21840

Post-Burn 22 Aug 16 @1200

Thruster 1 17280

Thruster 2 16752

Thruster 3 21600

Thruster 4 22128

Number of Pulses

Thruster 1 256

Thruster 2 256

Thruster 3 288

Thruster 4 288

Thruster Pairs

Thruster 1 & 2 512

Thruster 3 & 4 576