**IBEX Goat Herder**

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

**Tuesday, August 30, 2016** 243 1100 USHI01 Pass

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

TPerry 46 D 2ksps 220

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

18.2 - 19.1 @2k -117

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

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

220 1 0 0 0 0

***VC 2 Write Pointer***  5171 ***VC 2 Write Pointer End*** 5237

***VC 2 Read Pointer***  56807 ***VC 2 Read Pointer End*** 56807

Maneuver was nominal

Q1 -0.38905700 ActNor.EstInrToBdy[0]

Q2 -0.51413700 ActNor.EstInrToBdy[1]

Q3 0.17858700 ActNor.EstInrToBdy[2]

Q4 0.74323900 ActNor.EstInrToBdy[3]

GPS sec 1156590148.000 ActNor.EstTime

MPS Cmd Vector X -0.904707000

MPS Cmd Vector Y 0.394862000

MPS Cmd Vector Z 0.159967000

MPS Diff 0.501

CSS Angle TLM 0.528231 25 Aug 16 @1400

CSS Sun-Pointing Angle 1.056462

CSS Angle TLM 0.625263 30 Aug 16 @1100

CSS Sun-Pointing Angle 1.250526

Pre-Burn 25 Aug 16 @1400

Thruster 1 17552

Thruster 2 17024

Thruster 3 21888

Thruster 4 22416

Post-Burn 30 Aug 16 @1100

Thruster 1 17856

Thruster 2 17296

Thruster 3 22176

Thruster 4 22736

Number of Pulses

Thruster 1 304

Thruster 2 272

Thruster 3 288

Thruster 4 320

Thruster Pairs

Thruster 1 & 2 576

Thruster 3 & 4 608