**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