**IBEX Goat Herder**

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

 **Thursday, September 08, 2016** 252 1100 USHI01 Pass

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

 TPerry 46 2ksps 136

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

 16.8 - 19.12 @ 2k -116

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

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

 222 1 0 0 0 0

 ***VC 2 Write Pointer***  17279

 ***VC 2 Read Pointer***  6500

 Maneuver nominal

 Q1 -0.66545300 ActNor.EstInrToBdy[0]

 Q2 -0.02687550 ActNor.EstInrToBdy[1]

 Q3 0.71163300 ActNor.EstInrToBdy[2]

 Q4 0.22367300 ActNor.EstInrToBdy[3]

 GPS sec 1157364241.000 ActNor.EstTime

 MPS Diff 0.624

 MPS Cmd Vector X -0.958412000

 MPS Cmd Vector Y 0.265755000

 MPS Cmd Vector Z 0.104025000

 CSS Angle TLM 0.657301 4 Sept 16 @0100

 CSS Sun-Pointing Angle 1.314602

 CSS Angle TLM 1.04978 8 Sept 16 @1000

 CSS Sun-Pointing Angle 2.09956

 Pre-Burn 4 Sept 16 @0100

 Thruster 1 18176

 Thruster 2 17616

 Thruster 3 22688

 Thruster 4 23248

 Post-Burn 8 Sept 16 @1000

 Thruster 1 18288

 Thruster 2 17728

 Thruster 3 22880

 Thruster 4 23440

 Number of Pulses

 Thruster 1 112

 Thruster 2 112

 Thruster 3 192

 Thruster 4 192

 Thruster Pairs

 Thruster 1 & 2 224

 Thruster 3 & 4