**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