**IBEX Goat Herder**

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

 **Sunday, October 09, 2016** 283 1600 USHI01 Pass

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

 TPerry 875 13Asc 64ksps 140

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

 9,33 -> 11.55 @64k -109

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

 933 1 0 0 0 0

 ***VC 2 Write Pointer***  0 ***VC 2 Write Pointer End*** 0

 ***VC 2 Read Pointer***  0 ***VC 2 Read Pointer End*** 0

 ATS Upload: IBEX\_2016\_292\_o0344a\_v001

 Reset Master Timer

 SSR Pointers Successfully ret to 6500

Inertial Maneuver was nominal

 Q1 0.53426000

 Q2 -0.51083400

 Q3 -0.37486000

 Q4 0.55954900

 GPS sec 1160031834.000

 MPS Cmd Vector X -0.971114000

 MPS Cmd Vector Y -0.214917000

 MPS Cmd Vector Z -0.103678000

 MPS Diff 0.626

 CSS Angle TLM 1.27672 05 Oct 16 @0030

 CSS Sun-Pointing Angle 2.55344

 CSS Angle TLM 0.771771 09 Oct 16 @1600

 CSS Sun-Pointing Angle 1.543542

 Pre-Burn 05 Oct 16 @0030

 Thruster 1 19936

 Thruster 2 19296

 Thruster 3 24608

 Thruster 4 25248

 Post-Burn 09 Oct 16 @1600

 Thruster 1 20208

 Thruster 2 19568

 Thruster 3 24912

 Thruster 4 25552

 Number of Pulses

 Thruster 1 272

 Thruster 2 272

 Thruster 3 304

 Thruster 4 304

 Thruster Pairs

 Thruster 1 & 2 544

 Thruster 3 & 4 608