**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