**IBEX Goat Herder**

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

**Wednesday, May 23, 2018** 143 0130 USHI02 Pass

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

TPerry 40ksps 169

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

7.2 -> 9.5@40k -108

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

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

1912 2 0 0 0 0

Q1 -0.54751100

Q2 -0.17111870

Q3 -0.62856600

Q4 0.52519800

GPS sec 1211074219.000

MPS Diff 0.537

MPS Cmd Vector X 0.505458000

MPS Cmd Vector Y 0.795307000

MPS Cmd Vector Z 0.334662000

MPS Diff 0.537

CSS Angle TLM 0.368505

CSS Sun-Pointing Angle 0.73701

18 May18 @1400

CSS Angle TLM 0.141274

CSS Sun-Pointing Angle 0.282548

23 May18 @0130

Pre-Burn

Thruster 1 1136 18 May18 @1400

Thruster 2 1104

Thruster 3 1184

Thruster 4 1216

Post-Burn

Thruster 1 1408 23 May18 @0130

Thruster 2 1376

Thruster 3 1504

Thruster 4 1536

Number of Pulses

Thruster 1 272

Thruster 2 272

Thruster 3 320

Thruster 4 320

Thruster Pairs

Thruster 1 & 2 544

Thruster 3 & 4 640

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

**Wednesday, May 23, 2018** 143 1330 USAK Pass

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

TPerry 320ksps 219

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

5.59 - 6.79 @16k -110

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

1.56 - 3.43@320k

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

1903 2 0 0 25772 0

SSR Dump

Reset Master Timer

Set SC clock