**IBEX Goat Herder 13 Feb 18**

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

 **Monday, February 12, 2018** 043 1500 AUWA Pass

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

 SWesley 13 desc 64ksps 160 watts

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

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

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

 1159 4 1392 33 0 0

 ***VC 2 Write Pointer Start*** 1433 ***VC 2 Write Pointer End*** 1462

 ***VC 2 Read Pointer Start*** 37161 ***VC 2 Read Pointer End*** 37161

 Orbit# 396 Perigee Tracking Contact

reset\_master\_timer.scr

@FMI\_SetDownlink(40k)

@FTG\_DumpBackorbit(from start,0,0,0,0)

@FMI\_SetDownlink(64k)

ops\_set\_sc\_time.scr

stx,off

 IBEX Orbit# 396 PERIGEE Target Vectors 12 Feb 18 @1500 UTC

 J2000 Spin Axis

 ECI X 0.772117

 ECI Y -0.583142

 ECI Z -0.252548

 Precession Maneuver

 MPS Diff 0.648 deg

 \*MPS Diff should be < 1.5\*

 -0.09958460 ActNor.EstInrToBdy[0]

 0.78508400 ActNor.EstInrToBdy[1]

 -0.42689500 ActNor.EstInrToBdy[2]

 0.43759200 ActNor.EstInrToBdy[3]

 1202480000.000 ActNor.EstTime

 02/12/2018 14:13:06

 Right Ascension - RA 322.938 deg

 Declination - DEC -14.628 deg

 IBEX Spin Axis vs. Sun Vector

 IBEX Sun Angle -3.250 deg

 IBEX MPS Generated PERIGEE Target Vectors

 MPS Cmd Vector X 0.775715000

 MPS Cmd Vector Y -0.575173000

 MPS Cmd Vector Z -0.259696000

CSS Angle TLM 0.56639

CSS Sun-Pointing Angle 1.13278

 08 Feb 18@1700

CSS Angle TLM 0.717916

CSS Sun-Pointing Angle 1.435832

 12 Feb 18 @1500

Pre-Burn

Thruster 1 3248 08 Feb 18@1700

Thruster 2 3120

Thruster 3 3968

Thruster 4 4096

Post-Burn

Thruster 1 3248 08 Feb 18@1700

Thruster 2 3120

Thruster 3 3968

Thruster 4 4096

Number of Pulses

Thruster 1 0

Thruster 2 0

Thruster 3 0

Thruster 4 0

Thruster Pairs

Thruster 1 & 2 0

Thruster 3 & 4 0 ***Date*** ***Jday*** ***Time***  ***Station*** ***Razor#*** ***USNPR#*** ***PASS/FAIL***

 **Tuesday, February 13, 2018** 044 0700 USHI01

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

 SWesley 11 asc 160ksps 198 watts

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

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

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

 1512 2 1309 0 30484 0

 ***VC 2 Write Pointer Start*** 2106 ***VC 2 Write Pointer End*** 2144

 ***VC 2 Read Pointer Start*** 37161 ***VC 2 Read Pointer End*** 2109

 Orbit# 396 SSR\_Dump/Tracking Contact

@FMI\_SetDownlink (320k)

SSR\_Dump.scr(new)

@FTG\_DumpBackorbit(from start,0,0,0,0)

@ACT\_ResetTaskRAwFAiled (AC\_FDC)

stx,off