**IBEX Goat Herder**

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

 **Tuesday, November 14, 2017** 318 1200 USHI02 Pass

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

 SWesley 941 12 desc 320ksps 191 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***

 1926 1 1287 0 20262 0

 ***VC 2 Write Pointer Start*** 26756 ***VC 2 Write Pointer End*** 26796

 ***VC 2 Read Pointer Start*** 6500 ***VC 2 Read Pointer End*** 26762

 Orbit# 386 SSR\_Dump -Tracking

 Contact/Reset\_master\_timer.scr/ops\_Set\_Sc\_time.scr/@FMI\_SetDownlink(320k)/SSR\_dump.scr(new)/ CAR# 941 Upload Orbit# 388

 ATS 1.IBEX\_2017\_327\_o0388a\_v001.scr(29-120)/@FTG\_DumpBackOrbit(from start,0,0,0,0)

Q1 0.80346400 ActNor.EstInrToBdy[0]

 Q2 0.06093450 ActNor.EstInrToBdy[1]

 Q3 -0.43592300 ActNor.EstInrToBdy[2]

 Q4 0.40087900 ActNor.EstInrToBdy[3]

 GPS sec 1194700000.000 ActNor.EstTime

 MPS Diff 0.855

 Sun Angle -0.645818000

 MPS Cmd Vector Y -0.696712000

 MPS Cmd Vector Z -0.312269000

 CSS Angle TLM 0.972168

 CSS Sun-Pointing Angle 1.944336

 11 Nov 17 @0200

 CSS Angle TLM 0.48899

 CSS Sun-Pointing Angle 0.97798

 14 Nov 17 @1200

 Pre-Burn

 Thruster 1 5840 11 Nov 17 @0200

 Thruster 2 5712

 Thruster 3 6464

 Thruster 4 6592

 Post-Burn

 Thruster 1 6112 14 Nov 17 @1200

 Thruster 2 5984

 Thruster 3 6768

 Thruster 4 6896

 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

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

 **Tuesday, November 14, 2017** 318 1900 USAK Pass

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

 TPerry 320ksps 357

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

 5.68 -> 7.15 -101

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

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

 1915 0 0 0 0 0

 ***VC 2 Write Pointer Start*** 026968 ***VC 2 Write Pointer End*** 0

 ***VC 2 Read Pointer Start*** 026762 ***VC 2 Read Pointer End*** 0

 Nominal tracking pass