**IBEX Goat Herder 3 Apr 18**

The Orbit# 402 Apogee contact was nominal for command/telemetry and the sun maneuver successful.

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

**Tuesday, April 03, 2018** 093 1400 USHI02 Pass

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

SWesley Apogee 2ksps 196

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

11.60-14.30db -120.192db

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

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

214 2 0 0 0 0

***VC 2 Write Pointer Start*** 55536 ***VC 2 Write Pointer End*** 55614

***VC 2 Read Pointer Start*** 38791 ***VC 2 Read Pointer End*** 38791

Orbit# 402 Apogee Tracking Contact/@FMI\_SetDownlink(40k) /@FMI\_SetDownlink(2k)

IBEX Orbit# 402 APOGEE Target Vector 3 Apr 18 @1400 UTC

CSS Angle TLM 0.667639

CSS Sun-Pointing Angle 1.335278

29 Mar 18 @1415

CSS Angle TLM 0.397129

CSS Sun-Pointing Angle 0.794258

3 Apr 18 @1400

Pre-Burn

Thruster 1 1872 29 Mar 18 @1415

Thruster 2 1792

Thruster 3 2016

Thruster 4 2096

Post-Burn

Thruster 1 2080 3 Apr 18 @1400

Thruster 2 2000

Thruster 3 2384

Thruster 4 2464

Number of Pulses

Thruster 1 208

Thruster 2 208

Thruster 3 368

Thruster 4 368

Thruster Pairs

Thruster 1 & 2 416

Thruster 3 & 4 736