**IBEX Goat Herder 30 Jan 18**

The Apogee Tracking contact was nominal for command/telemetry and the sun maneuver successful

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

**Tuesday, January 30, 2018** 030 1800 USHI01 Pass

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

SWesley 46 desc 2ksps 200 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***

667 4 1446 29 0 0

***VC 2 Write Pointer Start*** 21872 ***VC 2 Write Pointer End*** 21980

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

Orbit# 395 Apogee Tracking Contact

@FMI\_SetDownlink(40k)

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

CAR# 956 Upload Orbit# 396 IBEX\_2018\_035\_o0396a\_v001.scr(176-272)

CSS Angle TLM 0.70914

CSS Sun-Pointing Angle 1.41828

25 Jan 18 @1645

CSS Angle TLM 0.563431

CSS Sun-Pointing Angle 1.126862

30 Jan 18 @1800

Pre-Burn

Thruster 1 2160 25 Jan 18 @1645

Thruster 2 2032

Thruster 3 2736

Thruster 4 2864

Post-Burn

Thruster 1 2560 17 Jan 18 @0830

Thruster 2 2432

Thruster 3 3264

Thruster 4 3392

Number of Pulses

Thruster 1 400

Thruster 2 400

Thruster 3 528

Thruster 4 528

Thruster Pairs

Thruster 1 & 2 800

Thruster 3 & 4 1056