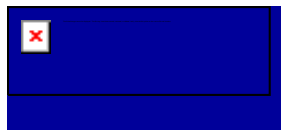


Anthony Serafini

From: oetech@fccsun27w.fcc.gov
Sent: Wednesday, June 24, 2015 11:34 PM
To: Anthony Serafini
Subject: Coordination Request Complete for File Number: 0850-EX-PL-2014



[FCC Home](#) | [Search](#) | [RSS](#) | [Updates](#) | [E-Filing](#) | [Initiatives](#) | [Consumers](#) | [Find People](#)



Office of Engineering and Technology

All coordination requests for file number 0850-EX-PL-2014 have been given final status by OFACS. The FAS charge for this filing has now been closed.

Coordination Results:

NG Number	Status Code	Status Description	Condition Code	SCB Comments
NG 176308	66	Coordination Complete	2	N/A
NG 176309	66	Coordination Complete	2	OFACS RECEIVED THIS RECORD FROM YOUR LICENSING SYSTEM FOR GEOSTATIONARY OR NONGEOSTATIONARY UPLINK, DOWNLINK OR SATELLITE-TO-SATELLITE OPERATION WITH MISSING OR INCORRECTLY FORMATTED XAL, RAL, XLA, RLA, XLG, RLG, XAD, RAD, XAP, RAP, XAZ, RAZ, NTS, SPD AND/OR OR TEXT. PLEASE ENTER THE CORRECT TEXT IN YOUR LICENSING SYSTEM BEFORE RESUBMITTING THIS RECORD TO OFACS. YOU MAY REFER TO HTTP://WWW.NTIA.DOC.GOV/LEGACY/OSMHOME/REDBOOK/9.PD FOR PROPER TEXT FORMATTING.
NG 176310	66	Coordination Complete	2	N/A
NG 176311	66	Coordination Complete	2	N/A

Agreement Text:

NG Number	Notes	Agreement Text
NG 176308	PER CLEARANCE - THIS ASSIGNMENT SUPPORTS A CUBESAT OR NANOSAT SATELLITE WHOSE NAME IS	\$\$ADD NG 176308 TYP01 N SEC01 06134 RVS01 06155

	RECORDED IN CIRCUIT REMARKS FIELD. (S945); PER CLEARANCE - NO NTS CHANGES REQUIRED(S871).;	SER01 NG 176308 CLA01 U FRQ01 M449.930000 NET01 ELS01 IPD01 150416 DEC01 ACCEPT BUR01 FCC EXD01 200712 STC01 XT EMS01 50K00F1D PWR01 W61.00000 NTS01 S871 NTS02 E039 NTS03 S945 XSC01 WA XAL01 REDMOND XRC01 20150650 XLA01 474001N XLG01 1220535W XCL01 WH 2XRI RSC01 WA RAL01 REDMOND RLA01 474001N RLG01 1220535W REM01 *FRB,M00449.930000,M00450.070000 REM02 *AGN,PLANETARY RESOURCES DEVELOPMENT COR REM03 *AGN,CUBESAT. ARKYD 6 REM04 *AGN,PWR IS ERP REM05 *FLN,0850-EX-PL-2014 SUP01 RESEARCH CUBESAT CUBESAT NAME IS ARKYD 6 ACL01 WH 2XRI DAT01 150312 LBO DATE: 03/12/2015 IRAC COMMENTS: APPROVED NTIA 04-29-2015 DATA CHANGES: FCC=>NTIA CHANGES ARE EXD01:_=>200712; NTS01:_=>S871; NTS02:_=>E039; NTS03:_=>S945; SCB COMMENTS: PER CLEARANCE - THIS ASSIGNMENT SUPPORTS A CUBESAT OR NANOSAT SATELLITE WHOSE NAME IS RECORDED IN CIRCUIT REMARKS FIELD. (S945); PER CLEARANCE - NO NTS CHANGES REQUIRED(S871).; \$ IDKT: J1108021
NG 176309	PER CLEARANCE - THIS ASSIGNMENT SUPPORTS A CUBESAT OR NANOSAT SATELLITE WHOSE NAME IS	\$\$ADD NG 176309 TYP01 N SEC01 06183 RVS01 06193 SER01 NG 176309

	RECORDED IN CIRCUIT REMARKS FIELD. (S945);	CLA01 U FRQ01 M2074.500000 NET01 ELS01 IPD01 150610 DEC01 ACCEPT BUR01 FCC EXD01 200921 STC01 XT EMS01 500K00F1D PWR01 K1.53000 NTS01 E039 NTS02 S945 XSC01 WA XAL01 REDMOND XRC01 20150650 XLA01 474001N XLG01 1220535W XAP01 R XAZ01 V00 XCL01 WH 2XRI XAD01 16G022B000-360A00033H008 RSC01 SPCE RAL01 NONGEOSTATIONARY RAP01 R RAZ01 EC RAD01 03G240B REM01 *FRB,M02074.500000,M02075.500000 REM02 *AGN,PLANETARY RESOURCES DEVELOPMENT COR REM03 *AGN,CUBESAT. ARKYD 6 REM04 *AGN,PWR IS ERP REM05 *FLN,0850-EX-PL-2014 REM06 *ORB,98.0IN00720AP00450PE001.60H01NRT01 SUP01 RESEARCH CUBESAT CUBESAT NAME IS ARKYD 6 THE HIGH DATA RATE RADIO SUP02 (BITBEAM INCORPORATED MODEL NUMBER BBSDR) IS A FULL-DUPLEX SDRU BASED SUP03 TRANSCEIVER DEVELOPED BY BITBEAM INCORPORATED.IT IS INTENDED FOR PAYLOAD SUP04 OPERATIONS INCLUDING DOWNLINK OF INSTRUMENT OBSERVATIONS AND UPLINK OF SUP05 SPACECRAFT SOFTWARE UPDATES.BOTH THE SPACECRAFT AND THE GROUND SYSTEM SUP06 WILL USE THIS RADIO.IT MAKES USE OF A DAUGHTER CARD ARCHITECTURE TO SUP07 SUPPORT SELECTING FROM AMONG MULTIPLE BANDS AT BUILD TIME.FOR THIS SUP08 MISSION,THE SPACECRAFT WILL BE LOADED WITH A BB84PA TRANSMIT DAUGHTER SUP09 CARD AND A BB24LN RECEIVE DAUGHTER
--	---	--

		CARD,WHILE THE GROUND SYSTEM WILL BE SUP10 CONFIGURED WITH A BB24PA TRANSMIT DAUGHTER CARD AND A BB84LN RECEIVE SUP11 DAUGHTER CARD.THIS WILL ALLOW THE USE OF 10 MHZ IN THE X-BAND 8.45 TO SUP12 8.5 GHZ SPACE RESEARCH SERVICE ALLOCATION FOR DOWNLINK AND 1 MHZ IN THE SUP13 2025U2110 MHZ SPACE RESEARCH SERVICE(FOOTNOTE US347)ALLOCATION FOR SUP14 UPLINK.BOTH THE SPACECRAFT AND THE GROUND SYSTEM WILL TRANSMIT AT A SUP15 MAXIMUM OF 2.5 W.STOP BUZZERCHRIS VOORHEES 425-358-5692 DAT01 150521 LBO DATE: 05/21/2015 IRAC COMMENTS: APPROVED NTIA 06-23-2015 DATA CHANGES: FCC=>NTIA CHANGES ARE EXD01:_=>200921; NTS01:_=>E039; NTS02:_=>S945; XAZ01:EC=>V00; XAD01:16G022B-360A00033H008=>16G022B000-360A00033H008; RLA01:N=>_; RLG01:W=>_; SCB COMMENTS: PER CLEARANCE - THIS ASSIGNMENT SUPPORTS A CUBESAT OR NANOSAT SATELLITE WHOSE NAME IS RECORDED IN CIRCUIT REMARKS FIELD. (S945); \$ IDKT: J1127482
NG 176310	PER CLEARANCE - THIS ASSIGNMENT SUPPORTS A CUBESAT OR NANOSAT SATELLITE WHOSE NAME IS RECORDED IN CIRCUIT REMARKS FIELD. (S945); PER CLEARANCE - NO NTS CHANGES REQUIRED(S871).;	\$\$ADD NG 176310 TYP01 N SEC01 06134 RVS01 06155 SER01 NG 176310 CLA01 U FRQ01 M401.430000 NET01 ELS01 IPD01 150416 DEC01 ACCEPT BUR01 FCC EXD01 200712 STC01 XT EMS01 50K00F1D PWR01 W3.10000 NTS01 S871 NTS02 E039 NTS03 S945 XSC01 SPCE XAL01 NONGEOSTATIONARY XRC01 20150650 XAP01 R XAZ01 EC XCL01 WH 2XRI

		XAD01 03G240B RSC01 WA RAL01 REDMOND RLA01 474001N RLG01 1220535W RAP01 R RAZ01 V05 RAD01 16G022B000-360A00357H006 REM01 *FRB,M00401.430000,M00401.570000 REM02 *AGN,PLANETARY RESOURCES DEVELOPMENT COR REM03 *AGN,CUBESAT. ARKYD 6 REM04 *AGN,PWR IS ERP REM05 *FLN,0850-EX-PL-2014 REM06 *ORB,98.0IN00720AP00450PE001.60H01NRT01 SUP01 RESEARCH CUBESAT CUBESAT NAME IS ARKYD 6 DAT01 150312 LBO DATE: 03/12/2015 IRAC COMMENTS: APPROVED NTIA 04-29-2015 DATA CHANGES: FCC=>NTIA CHANGES ARE EXD01: _=>200712; NTS01: _=>S871; NTS02: _=>E039; NTS03: _=>S945; SCB COMMENTS: PER CLEARANCE - THIS ASSIGNMENT SUPPORTS A CUBESAT OR NANOSAT SATELLITE WHOSE NAME IS RECORDED IN CIRCUIT REMARKS FIELD. (S945); PER CLEARANCE - NO NTS CHANGES REQUIRED(S871).; \$ IDKT: J1108006
NG 176311	PER CLEARANCE - THIS ASSIGNMENT SUPPORTS A CUBESAT OR NANOSAT SATELLITE WHOSE NAME IS RECORDED IN CIRCUIT REMARKS FIELD. (S945); PER CLEARANCE - NO NTS CHANGES REQUIRED(S871).;	\$\$ADD NG 176311 TYP01 N SEC01 06134 RVS01 06164 SER01 NG 176311 CLA01 U FRQ01 M8470.000000 NET01 ELS01 IPD01 150429 DEC01 ACCEPT BUR01 FCC EXD01 200712 STC01 XT EMS01 6M00F1D PWR01 W61.00000 NTS01 S871 NTS02 E039 NTS03 S945 XSC01 SPCE XAL01 NONGEOSTATIONARY XRC01 20150650

		XAP01 L XAZ01 NB XCL01 WH 2XRI XAD01 16G030B RSC01 WA RAL01 REDMOND RLA01 474001N RLG01 1220535W RAP01 L RAZ01 V05 RAD01 30G004B000-360A00033H008 REM01 *FRB,M08470.000000,M08480.000000 REM02 *AGN,PLANETARY RESOURCES DEVELOPMENT COR REM03 *AGN,CUBESAT. ARKYD 6 REM04 *AGN,PWR IS ERP REM05 *FLN,0850-EX-PL-2014 REM06 *ORB,98.0IN00720AP00450PE001.60H01NRT01 SUP01 RESEARCH CUBESAT CUBESAT NAME IS ARKYD 6 DAT01 150312 LBO DATE: 03/12/2015 IRAC COMMENTS: APPROVED NTIA 05-12-2015 DATA CHANGES: FCC=>NTIA CHANGES ARE EXD01: _=>200712; NTS01: _=>S871; NTS02: _=>E039; NTS03: _=>S945; XAP01:L:=>L; RAD01:30G0004B000- 360A00033H008=>30G004B000-360A00033H008; SCB COMMENTS: PER CLEARANCE - THIS ASSIGNMENT SUPPORTS A CUBESAT OR NANOSAT SATELLITE WHOSE NAME IS RECORDED IN CIRCUIT REMARKS FIELD. (S945); PER CLEARANCE - NO NTS CHANGES REQUIRED(S871).; \$ IDKT: J1108055
--	--	---