



ATLAS Space Operation, LLC
10850 E. Traverse Highway, Suite 3355
Traverse City, Michigan 49684-1363

April 28, 2026

TO: Ms. Marlene H. Dortch
Secretary, Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Request for Special Temporary Authority

Dear Ms. Dortch,

Pursuant to Section 25.120 of the Commission's Rules, ATLAS Space Operations, Inc (ATLAS) requests Special Temporary Authority (STA) for one hundred eighty (180) days or until a fixed license is granted, commencing upon grant for the operation of our satellite earth station in Tafuna, American Samoa to communicate with the federally operated NOAA COSMIC-2 weather constellation. This request is of a temporary nature to cover the period of time until a full earth station license can be submitted to add this point of communication. This earth station is located at 14° 19' 49.7" S 170° 42' 49.3" W.

Support for the federally operated NOAA COSMIC-2 weather constellation at the Tafuna, American Samoa earth station only involves space to earth reception of their signals. These operations fall within the primary allocation for space operations within the U.S. Table of Frequency allocations

NOAA COSMIC-2

Licensed: NTIA

Launch date: already on orbit

ATLAS earth station location: 14° 19' 49.7" S 170° 42' 49.3" W (Tafuna, American Samoa)

Frequency Coordination: not required for receive only operations

COSMIC-2

Transmission Direction	Satellite	Lower	Center Frequency (MHz)	Upper	Emission	Polarity	Max EIRP per carrier (dBW)	Max EIRP density per carrier (dBW/4kHz)
space-to-earth	COSMIC-2	2262.0	2264.0	2266.0	4M00F1D	RHCP	-	-

Operation of the American Samoa earth station will enable frequent, predictable contact with the constellation to support potential collision avoidance, perform payload operations and orbit maintenance, and eventually safely deorbit.



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24 hour contact information for the American Samoa earth station is as follows: +1 231 598 6184 x222

Clint Schlegel, +1 231 631 5983, clint.schlegel@atlasspace.com

Operations Office - +1 231 598 6184 x 222 or
+1 877 392 8527 x 222
ops@atlasspace.com

Respectfully Submitted,

Clint Schlegel

Clint Schlegel
Head of Licensing and Regulatory
ATLAS Space Operations

Enclosure: 1) 2024.05.28 COSMIC-2 ITU published part II-S

E TSUM Requested by: CLINT.SC		Date: 26.09.2024 11:02:59 AM	DB: IFIC3022.MDB		Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network	COSMIC-2	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.		BR1 Date of receipt 08.02.2023
BR6a/BR6b Id. no.		12350002	BR3a/BR3b Provision reference		11.2	N	BR2 Adm. serial no.
		3					UP R

A1f2 Submitted on behalf

A1g Short Mission Duration Res 32 N A24a SDM commitment N A23a Commitment Res 35 N

A4b1 No. of orbital planes 12 A4b2 Ref. body T BR99 Total number of satellites 12

A4b1a Constellation Y

A4b3a No. of space stations simult. trans. on Northern Hemisphere 6 A4b3b No. of space stations simult. trans. on Southern Hemisphere 6

A4b7a Max. sat. rcv. simult. A4b7b Avg. no. of As. E-stn A4b7c Avg. distance

A4b7d1 Excl. zone type A4b7d2 Excl. zone width

A4b6bis Limited or Extended set

Action code	Orbital plane id. no.	A4b1d Orbit set id.	A4b4a Inclination angle	A4b4b No. of satellites in this plane	A4b4c Period	A4b4d Apogee	A4b4g Right asc.	A4b6c Station keeping	A4b6e Specific modelled station	A4b4j Long. asc. node	A4b4m,n,o Sun synchronous		
					A4b4f Min. altitude	A4b4e Perigee	A4b4i Arg. of perigee	A4b6d Repeat period	A4b6f Precession rate	A4b6j Long. tolerance	Y/N	Reference node	Node local time
	1		24	1	0-01:35	535e0	0			0			
					535e0	535e0							
	2		24	1	0-01:35	535e0	60			60			
					535e0	535e0							
	3		24	1	0-01:35	535e0	120			120			
					535e0	535e0							
	4		24	1	0-01:35	535e0	180			180			
					535e0	535e0							
	5		24	1	0-01:35	535e0	240			240			
					535e0	535e0							
	6		24	1	0-01:35	535e0	300			300			
					535e0	535e0							
	7		72	1	0-01:39	735e0	0			0			
					735e0	735e0							
	8		72	1	0-01:39	735e0	30			30			
					735e0	735e0							
	9		72	1	0-01:39	735e0	60			60			
					735e0	735e0							
	10		72	1	0-01:39	735e0	90			90			
					735e0	735e0							
	11		72	1	0-01:39	735e0	120			120			
					735e0	735e0							
	12		72	1	0-01:39	735e0	150			150			
					735e0	735e0							

Les renseignements figurant dans le tableau «PHASE» (éléments A.4.b.4.j, A.4.b.4.h et A.4.b.4.l de l'Appendice 4) ne sont pas inclus dans le présent fichier et peuvent être consultés directement dans la base de données mdb, si besoin est.	Information from the "PHASE" table (A.4.b.4.j, A.4.b.4.h and A.4.b.4.l of Appendix 4) is not included in this file and may be consulted directly from the mdb database if needed.	En este archivo no se incluye información del Cuadro «FASE» (A.4.b.4.j, A.4.b.4.h y A.4.b.4.l del Apéndice 4) que, en caso necesario, puede consultarse directamente en la base de datos mdb.
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E-TSUM Requested by: CLINT.SC		Date: 26.09.2024 11:02:59 AM	DB: IFIC3022.MDB		Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network	COSMIC-2	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.		BR1 Date of receipt
BR6a/BR6b Id. no.		12350002	BR3a/BR3b Provision reference		11.2	N	BR20/BR21 BR IFIC no./part
		3					3022/2
						BR2 Adm. serial no.	
							UP R

A17a Compliance with PFD limit dB(W/(m²·1MHz)) in the band 1164 - 1215 MHz ☐

A17a.bis a Calculated EPFD value in the band 1610.6 – 1613.8 MHz at RA SDT dB(W/(m²·20 kHz))

A17a.bis b Calculated EPFD value in the band 1610.6 – 1613.8 MHz at RA VLBI dB(W/(m²·20 kHz))

A17b2 Calculated aggregate PFD value in the band 5030.0 - 5150.0 MHz dB(W/(m²·150 kHz))

A17b3 EPFD in the band 4990.0 - 5000.0 MHz dB(W/(m²·10 MHz))

A17d Mean PFD dB(W/(m²·1 MHz))

A17e1a Calculated EPFD value in the band 42.5 - 43.5 GHz at RA SDT dB(W/(m²·1 GHz))

A17e1b Calculated EPFD value in the band 42.5 - 43.5 GHz at RA SDT dB(W/(m²·500 kHz))

A17e1c Calculated EPFD value in the band 42.5 - 43.5 GHz at RA VLBI dB(W/(m²·500 kHz))

A15a EPFD compliance A18a Aircraft earth station commitment

BR104 Commitment Res 770 N BR103 Demonstration Res 770

BR108 Indication under No. 11.41.2 that efforts have been made to effect coordination with those administrations whose assignments were the basis of the unfavourable findings under No. 11.38, without success N

BR109 Confirmation that frequency assignments which operates under No. 4.4 will meet the conditions referred in RoP No. 4.4 §1.6 N

B1a/BR17 Beam designation	UP	B1b Steerable		B2 Emi-Rcp	R	B3a1 Max. co-polar gain	2.5
B2a1 Transmit only when visible from notified service area		B2a2 Min. Elev. Angle					
B3c1 Co-polar antenna pattern							
Co-polar ref. pattern	Coef. A	Coef. B				Co-polar rad. diag.	
ND-SPACE							

List of orbital planes
ALL

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id.	123628133	BR1 Date of receipt	08.02.2023	C2c RR No. 4.4		BR97 No. 11.43A		BR98 For use in accordance with Res 163/164	
BR105 Current Milestone		BR106 Milestone criteria met		BR107 Expiry of the next milestone period					
A2a Date of bringing into use as submitted by the Administration	25.06.2019								
A2a Date of bringing into use	25.06.2019	A2b Period of valid.	40	A3a Op. agency	010	A3b Adm. resp.	B	BR16 Value of type C8b	
BR96 Start date for 9.1/9.1A	29.02.2016								
BR62 Expiry date for bringing into use	28.02.2023	BR63 Confirmed date of bringing into use	25.06.2019	BR64 Date of receipt of 1st Res49					
BR14 Special Section									
C4a Class of station	ED	C3a Assigned freq. band	64	C5a Noise temperature	1697	B4b5 Peak of pfd			
C4b Nature of service	CO	C6a Polarization type	CR	C6b Polarization angle					
C11a1 Service area no.	1	C11a3 Service area diagram							
C9c1 Type of multiple access		C9c2 Spectrum mask diagram		C11b Affected region					

E TSUM Requested by: CLINT.SC		Date: 26.09.2024 11:02:59 AM	DB: IFIC3022.MDB		Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network	COSMIC-2	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.		BR1 Date of receipt
BR6a/BR6b Id. no.		12350002	BR3a/BR3b Provision reference		11.2	N	BR20/BR21 BR IFIC no./part
		3					3022/2
						BR2 Adm. serial no.	
							UP R

A5/A6 Coordinations/Agreements			
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C2a1 Assigned frequency									
2093.1	MHz								

A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/11386		1 64K0G1D--		13	-35.1	13		-35.1		30	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.			C10d3 Max. iso. gain	C10d4 Bmwdth		C10d7 Ant. diameter		C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TYPICAL FAIRBANKS CDA	T S	147W30 57	64N58 25	ALS	1	TD	CO	36.5	1.9						
WALLOPS ISLAND CDA	S	075W27 42	37N56 43	USA	1	TD	CO	46.8	0.76						

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
TYPICAL	REC-465-5						
FAIRBANKS CDA	REC-465-5						
WALLOPS ISLAND CDA	REC-465-5						

Findings	2D Date of protection	08.02.2023	13A Conformity with RR	A- -- --	13B1 Prov.		13B2 Remarks		13B3 Date of Review	
13C Remarks										

B1a/BR17 Beam designation	DN		B1b Steerable		B2 Emi-Rcp	E	B3a1 Max. co-polar gain	2.5
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B2a1 Transmit only when visible from notified service area	Y	B2a2 Min. Elev. Angle	
B3b1b Applicable PFD will be met by applying the method in Annex 1 of ROP 21.16			
		Attach. no.	

B3c1 Co-polar antenna pattern					
Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
ND-SPACE					

List of orbital planes	
ALL	

B4a3a1 Angle alpha		B4a3a2 Angle beta		B4b2 Gain vs elev. ang. diag.	
BR92 Attach. for missing angle alpha/beta					
B4b4a Max. E.I.R.P. at 4kHz					
B4b4b Average E.I.R.P. at 4kHz		B4b4c Max. E.I.R.P. at 1MHz		B4b4d Average E.I.R.P. at 1MHz	

BR7a/BR7b Group id.	123628134	BR1 Date of receipt	08.02.2023	C2c RR No. 4.4		BR97 No. 11.43A		BR98 For use in accordance with Res 163/164	
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BR105 Current Milestone		BR106 Milestone criteria met		BR107 Expiry of the next milestone period	
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A2a Date of bringing into use as submitted by the Administration	25.06.2019
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A2a Date of bringing into use	25.06.2019	A2b Period of valid.	40	A3a Op. agency	010	A3b Adm. resp.	B	BR16 Value of type C8b		A4b7cbis Min. elevation angle	
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BR96 Start date for 9.1/9.1A	29.02.2016
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BR62 Expiry date for bringing into use	28.02.2023	BR63 Confirmed date of bringing into use	25.06.2019	BR64 Date of receipt of 1st Res49	
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E_TSUM Requested by: CLINT.SC		Date: 26.09.2024 11:02:59 AM		DB: IFIC3022.MDB		Plan Id.:		Notice type: NONGEO			
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BR6a/BR6b Id. no.		123500023		BR3a/BR3b Provision reference		11.2		BR2 Adm. serial no.		DN E	

BR14 Special Section

C4a Class of station

ER

C3a Assigned freq. band

4000

B4b5 Peak of pfd

C4b Nature of service

CO

C6a Polarization type

CR

C6b Polarization angle

C8d1 Max. tot. peak pwr.

1.2

C8d2 Contiguous bandwidth

C11a1 Service area no.

1

C11a3 Service area diagram

C9c1 Type of multiple access

C9c2 Spectrum mask diagram

C11b Affected region

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency

2264 MHz

A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/11386	1 4M00G1D--	1.2	-64.8	1.2		-64.8		20	
	2 64K0G1D--	-10	-58	-10		-58		11	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwdth	C10d6 Noise temp.	C10d7 Ant. diameter	
TYPICAL HAWAII	T S	157W57 21N19 18	HWA	1 TR CO 1 TR CO	34.2 34.2	3 3	70 70		
FAIRBANKS CDA	S	147W30 57	ALS	1 TR CO	37.5	1.8	28		
WALLOPS ISLAND CDA	S	075W27 42	USA	1 TR CO	46.6	0.68	157		
GUAM	S	144E55 31	GUM	1 TR CO	34.2	3	70		

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
TYPICAL HAWAII	REC-465-5						
FAIRBANKS CDA	REC-465-5						
WALLOPS ISLAND CDA	REC-465-5						
GUAM	REC-465-5						

Findings 2D Date of protection 08.02.2023 13A Conformity with RR A- -- -- 13B1 Prov. 13B2 Remarks 13B3 Date of Review

13C Remarks

B1a/BR17 Beam designation S1 B1b Steerable B2 Emi-Rcp E B3a1 Max. co-polar gain 3

B2a1 Transmit only when visible from notified service area

Y

B2a2 Min. Elev. Angle

B3b1b Applicable PFD will be met by applying the method in Annex 1 of ROP 21.16

Attach. no.

B3c1 Co-polar antenna pattern

Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
ND-SPACE					

E_TSUM Requested by: CLINT.SC		Date: 26.09.2024 11:02:59 AM		DB: IFIC3022.MDB		Plan Id.:		Notice type: NONGEO	
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BR6a/BR6b Id. no. 123500023		BR3a/BR3b Provision reference 11.2		N		BR2 Adm. serial no.		S1 E	

List of orbital planes
ALL

B4a3a1 Angle alpha	B4a3a2 Angle beta	B4b2 Gain vs elev. ang. diag.
BR92 Attach. for missing angle alpha/beta		
B4b4a Max. E.I.R.P. at 4kHz	B4b4b Average E.I.R.P. at 4kHz	B4b4c Max. E.I.R.P. at 1MHz
		B4b4d Average E.I.R.P. at 1MHz

BR7a/BR7b Group id.	123628135	BR1 Date of receipt	08.02.2023	C2c RR No. 4.4	BR97 No. 11.43A	BR98 For use in accordance with Res 163/164
BR105 Current Milestone	BR106 Milestone criteria met	BR107 Expiry of the next milestone period				
A2a Date of bringing into use as submitted by the Administration		25.06.2019				
A2a Date of bringing into use	25.06.2019	A2b Period of valid.	40	A3a Op. agency	010	A3b Adm. resp. B
BR96 Start date for 9.1/9.1A		29.02.2016		BR16 Value of type C8b		
BR62 Expiry date for bringing into use		28.02.2023		BR63 Confirmed date of bringing into use		25.06.2019
BR14 Special Section		BR64 Date of receipt of 1st Res49				
C4a Class of station	EH	C3a Assigned freq. band	1		B4b5 Peak of pfd	
C4b Nature of service	CO	C6a Polarization type	CR		C6b Polarization angle	
C8d1 Max. tot. peak pwr.	-60	C8d2 Contiguous bandwidth				
C11a1 Service area no.	1	C11a3 Service area diagram				
C9c1 Type of multiple access		C9c2 Spectrum mask diagram			C11b Affected region	

A5/A6 Coordinations/Agreements	
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C2a1 Assigned frequency									
2200.2702	MHz								

A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/11386	1 1H00N0N--	-60	-60	-60		-60		20	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwidth	C10d6 Noise temp.	C10d7 Ant. diameter	
TYPICAL	T			1 TH CO	8	69	67		

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
TYPICAL	ND-EARTH						

Findings	2D Date of protection	08.02.2023	13A Conformity with RR	A- -- --	13B1 Prov.	13B2 Remarks	13B3 Date of Review
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13C Remarks	REAL BW (C3A) OF THIS GROUP IS 0.2KHZ, CAPTURED 1KHZ DUE TO LIMITATION IN DATABASE DESIGN
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