Approved by OMB 3060-0678

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Callsign/Satellite ID:

APPLICATION FOR EARTH STATION AUTHORIZATIONS	
FCC 312 MAIN FORM FOR OFFICIAL USE ONLY	FCC Use Only

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu: DataPath CCT-200

1-8. Legal Name of Applicant								
Name:	General Atomics Aeronautical Systems, Inc.	Phone Number:	858-312-2810					
DBA		Fax Number:	858-312-2920					
Name:								
Street:	14200 Kirhkam Way	E-Mail:	erica.emel@ga-asi.com					
City:	Poway	State:	CA					
Country:	USA	Zipcode:	92064 -					
Attention:	Erica Emel							
9-16. Name	of Contact Representative							
Name:	Russ Herrell	Phone Number:	858-924-7964					
Company:	General Atomics Aeronautical Systems, Inc.	Fax Number:						
Street:	14200 Kirkham Way	E-Mail:	russell.herrell@ga-asi.com					
City:	Poway	State:	CA					
Country:	USA	Zipcode:	92064-					
Attention:		Relationship:	Other					

CLASSIFICATION OF FILING

17. Choose the button next to the	b.
classification that applies to this filing	b1. Application for License of New Station
for both questions a. and b. Choose only	b2. Application for Registration of New Domestic Receive-Only Station
one for 17a and only one for 17b.	(N/A) b3. Amendment to a Pending Application
a.	(N/A) b4. Modification of License or Registration
	(N/A) b5. Assignment of License or Registration
a1. Earth Station	(N/A) b6. Transfer of Control of License or Registration
(N/A) a2. Space Station	(N/A) b7. Notification of Minor Modification
	(N/A) b8. Application for License of New Receive-Only Station Using Non-U.S. Licensed
	Satellite
	(N/A) b9. Letter of Intent to Use Non-U.S. Licensed Satellite to Provide Service in the United
	States
	b10. Other (Please specify)
	b11. Application for Earth Station to Access a Non-U.S.satellite Not Currently Authorized to Provide the Proposed Service in the Proposed Frequencies in the United States.
17c. Is a fee submitted with this application	on?
If Yes, complete and attach FCC Form	m 159.

5/2021 https://licensing.f	fcc.gov/ibfsweb/ib.page.FetchF	orm?id_app_num=1	34000&form=P013_101.htm&mode=display					
If No, indicate reason for fee exemption ((see 47 C.F.R.Section 1.1114	ł).						
Governmental Entity Noncomm	nercial educational licensee							
Other(please explain):								
17d.								
Fee Classification BAX - Fixed S	Satellite Transmit/Rece	ive Earth Statio	on					
18. If this filing is in reference to an	19. If this filing is an amer	ndment to a pendin	g application enter:					
	existing station, enter: (a) Date pending application was filed: (b) File number of pending application:							
(a) Call sign of station:	Not Applicable		Not Applicable					
Not Applicable	Not Applicable	GEDI II GE	Not Applicable					
20 NATURE OF SERVICE, This Silver	TYPE OF							
20. NATURE OF SERVICE: This filing i	is for an authorization to pro	vide or use the foll	owing type(s) of service(s): Select all that apply:					
a. Fixed Satellite								
b. Mobile Satellite								
c. Radiodetermination Satellite								
d. Earth Exploration Satellite								
e. Direct to Home Fixed Satellite								
f. Digital Audio Radio Service								
g. Other (please specify)								
21. STATUS: Choose the button next to the	he applicable status	22. If earth station	applicant, check all that apply.					
Choose only one.	ne applicable status.		censed satellites					
Common Carrier Non-Common	Carrier		S. licensed satellites					
23. If applicant is providing INTERNATIONAL COMMON CARRIER service, see instructions regarding Sec. 214 filings. Choose one.								
Are these facilities:								
○ Connected to a Public Switched Network ○ Not connected to a Public Switched Network ○ N/A								
24. FREQUENCY BAND(S): Place an "X" in the box(es) next to all applicable frequency band(s).								
a. C-Band (4/6 GHz) b. Ku-Band	d (12/14 GHz)							
c.Other (Please specify upper and lov								
Frequency Lower: 10700 Frequency Upp								
	TYPE OF							
25. CLASS OF STATION: Choose the bu	itton next to the class of stat	ion that applies. Ch	noose only one.					
a. Fixed Earth Station								
b. Temporary-Fixed Earth Station								
c. 12/14 GHz VSAT Network								
d. Mobile Earth Station (N/A) e. Geostationary Space Station								
(N/A) f. Non-Geostationary Space Station	on							
g. Other (please specify)								
26. TYPE OF EARTH STATION FACIL	ITY: Choose only one.							
Transmit/Receive Transmit-Onl	•	'A						
	PURPOSE OF M	MODIFICATIO	N					
27. The purpose of this proposed modified	cation is to: (Place an 'X' in t	the box(es) next to	all that apply.)					
Not Applicable								
	ENVIRONME	NTAL POLICY	-					
28. Would a Commission grant of any pr	oposal in this application or	amendment have a	a significant Yes No					
environmental impact as defined by 47 C 1.1308 and 1.1311 of the Commission's I			equired by Sections					

application. A Radiation Hazard Study must accompany all applications for new transmitting facilities, major modifications, or major amendments.

ALIEN OWNERSHIP Earth station applicants not proposing to provide broadcast, common carrier, aeronautical en route or aeronautical fixed radio station services are not required to respond to Items 30-34.

29. Is the applicant a foreign government or the representative of any foreign government?	O Yes No
30. Is the applicant an alien or the representative of an alien?	○ Yes ○ No ○ N/A
31. Is the applicant a corporation organized under the laws of any foreign government?	○ Yes ◎ No ○ N/A
32. Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	○ Yes ● No ○ N/A
33. Is the applicant a corporation directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	○ Yes ● No ○ N/A
34. If any answer to questions 29, 30, 31, 32 and/or 33 is Yes, attach as an exhibit an identification of the aliens or foreign entities, their nationality, their relationship to the applicant, and the percentage of stock they own or vote.	
BASIC QUALIFICATIONS	
35. Does the Applicant request any waivers or exemptions from any of the Commission's Rules? If Yes, attach as an exhibit, copies of the requests for waivers or exceptions with supporting documents.	○ Yes ◎ No
36. Has the applicant or any party to this application or amendment had any FCC station authorization or license revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission? If Yes, attach as an exhibit, an explination of circumstances.	○ Yes ◎ No
37. Has the applicant, or any party to this application or amendment, or any party directly or indirectly controlling the applicant ever been convicted of a felony by any state or federal court? If Yes, attach as an exhibit, an explination of circumstances.	○ Yes ◎ No
38. Has any court finally adjudged the applicant, or any person directly or indirectly controlling the applicant, guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement or any other means or unfair methods of competition? If Yes, attach as an exhibit, an explanation of circumstances	○ Yes ● No
39. Is the applicant, or any person directly or indirectly controlling the applicant, currently a party in any pending matter referred to in the preceding two items? If yes, attach as an exhinit, an explanation of the circumstances.	○ Yes ◎ No
40. If the applicant is a corporation and is applying for a space station license, attach as an exhibit the names, address, and citizenship of those stockholders owning a record and/or voting 10 percent or more of the Filer's voting stock and the percentages so held. In the case of fiduciary control, indicate the beneficiary(ies) or class of beneficiaries. Also list the names and addresses of the officers and directors of the Filer.	
41. By checking Yes, the undersigned certifies, that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes.	● Yes ○ No
42a. Does the applicant intend to use a non-U.S. licensed satellite to provide service in the United States? If Yes, answer 42b and attach an exhibit providing the information specified in 47 C.F.R. 25.137, as appropriate. If No, proceed to question 43.	○ Yes ◎ No
42b. What administration has licensed or is in the process of licensing the space station? If no license will be in has coordinated or is in the process of coordinating the space station? Datapath Inc.	ssued, what administration

stations used at Gen	arize the nature of the application and eral Atomics' private airport a ts with unmanned aerial system	at Gray Butte, CA to suppor	1 7				
	e Rule Certification ersigned certifies that the applicant is quirements specified in 47 C.F.R. Par		rvice or (a) A				
	ersigned certifies that the applicant is specified in 47 C.F.R. Part 25 and wi						
coverage requirements s is not feasible as a techr so many compromises it	ersigned certifies that the applicant is specified in 47 C.F.R. Part 25 and winical matter to do so, or that, while ten satellite design and operation as to all analysis demonstrating this claim a	Il not comply with such requirem chnically feasible, such services make it economically unreasonal	ents because it would require C				
	CE	ERTIFICATION					
of the United States becawith this application. The aggregation limit in 47 C full in this application. The and in all attached exhib	nuse of the previous use of the same, e applicant certifies that grant of this CFR Part 20. All statements made in the undersigned, individually and for its are true, complete and correct to t	whether by license or otherwise, application would not cause the exhibits are a material part hereof the applicant, hereby certifies the the best of his or her knowledge a	ic spectrum as against the regulatory power and requests an authorization in accordance applicant to be in violation of the spectrum and are incorporated herein as if set out in at all statements made in this application and belief, and are made in good faith.				
44. Applicant is a (an): (Choose the button next to applicable	response.)					
Individual							
Unincorporated As	ssociation						
Partnership	, sociation						
Corporation							
Governmental Ent	ity						
Other (please spec	ify)						
45. Name of Person Sig	ning	46. Title of Person Signi	ng				
Russ Herrell		Program Manager					
47. Please supply any ne	ed attachments.						
Attachment 1:	Attachment 2:	A	ttachment 3:				
(U.S. Cod	STATEMENTS MADE ON THIS I e, Title 18, Section 1001), AND/OR de, Title 47, Section 312(a)(1)), AN	REVOCATION OF ANY STA					
SATELLITE EARTH STATION AUTHORIZATIONS FCC Form 312 - Schedule B:(Technical and Operational Description)							
FOR OFFICIAL USE ONLY							
Location of Earth Station	1 Site						
E1: Site Identifier:	Gray Butte (04CA)	E5. Call Sign:					
E2: Contact Name	Russ Herrell	E6. Phone Number:	858-924-7964				
E3. Street:	Gray Butte Airport	E7. City:	Palmdale				

E25. Site Identifier:	
E26. Common Name:	E27. Country:

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufac		E31 Mod	- 1	E32. Antenna Size	E41/42. Anter Recieve(_	nna GainTransm dBi at	int and/or GHz)
Gray Butt (04CA)	e 2.0DKu	2	DataPath		CCT 200	-	2.0	45.4 dBi at 11.	725	
								46.6 dBi at 14.	125	
E28. Antenna Id	E33/34. D Minor/Majo		E35. Above Ground Level (meters)	Lev	ve l a el	Hei	7. Building ight Above Ground Level (meters)		E39. Maximum Antenna Height Above Rooftop (meters)	E40. Total EIRP for al carriers (dBW)
2.0DKu	0.0/0.0		2.4	283.9	2	281	.5	33.9	0.0	61.9

E28. Antenna Id	E43/44. Frequency Bands(MHz)	E45. T/R Mode	E46. Antenna Polarization(H,V,L,R)	I		E49. Maximum ERIP Density per Carrier(dBW/4kHz)			
2.0DKu	10700 12750	R	Horizontal and Vertical	36M0G7W	0.0	0.0			
E50. Modulation and Services DIGITAL TRAFFIC. VARIOUS INFORMATION. VARIOUS FEC. VARIOUS DATA RATES									
2.0DKu	14000 14500	T	Horizontal and Vertical	36M0G7W	61.9	22.3			
E50. Modulation and Services DIGITAL TRAFFIC. VARIOUS INFORMATION. VARIOUS FEC. VARIOUS DATA RATES									
2.0DKu	14000 14500	T	Horizontal and Vertical	51K2G7W	43.7	32.6			
II	E50. Modulation and Services DIGITAL TRAFFIC. VARIOUS INFORMATION. VARIOUS FEC. VARIOUS DATA RATES								

FREQUENCY COORDINATION

E28. Antenna Id	I I IPNIT I WNA I	E52/53. Frequency Limits(MHz)	II I	E56. Earth Station Azimuth Angle Eastern Limit	Angle Eastern	E58. Earth Station Azimuth Angle Western Limit	Angle Western	E60. Maximum EIRP Density toward the Horizon(dBW/4kHz)
2.0DKu	Geostationary	10700 12750	51.0/ 184.0	103.8	10.5	256.03	10.8	0.0
	Geostationary	14000 14500	51.0/ 184.0	103.8	10.5	256.03	10.8	-10.5

REMOTE CONTROL POINT LOCATION REMOTE CONTROL POINT LOCATION

E61. Call Sign	E65. Phone Number	er				
NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.						
E62. Street Address						
E63. City	E67. County	E64/68. State/Country	E66. Zip Code			

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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