43a. Geographic Service Rule Certification

By selecting A, the undersigned certifies that the applicant is not subject to the geographic service or geo coverage requirements specified in 47 C.F.R. Part 25.

(●) A

By selecting B, the undersigned certifies that the applicant is subject to the geographic service or geograp coverage requirements specified in 47 C.F.R. Part 25 and will comply with such requirements.

( ) B

By selecting C, the undersigned certifies that the applicant is subject to the geographic service or geograp coverage requirements specified in 47 C.F.R. Part 25 and will not comply with such requirements becaus feasible as a technical matter to do so, or that, while technically feasible, such services would require so r compromises in satellite design and operation as to make it economically unreasonable. A narrative desc and technical analysis demonstrating this claim are attached.

( ) C

CERTIFICATION

The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory p United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordanc application. The applicant certifies that grant of this application would not cause the applicant to be in violation of the spectrum aggre in 47 CFR Part 20. All statements made in exhibits are a material part hereof and are incorporated herein as if set out in full in this ap The undersigned, individually and for the applicant, hereby certifies that all statements made in this application and in all attached ex true, complete and correct to the best of his or her knowledge and belief, and are made in good faith.

44. Applicant is a (an): (Choose the button next to applicable response.)

- ○ Individual
- ○ Unincorporated Association
- ○ Partnership
- ○ Corporation
- ○ Governmental Entity
- ◉ Other (please specify)

45. Name of Person Signing	46. Title of Person Signing
Edwin N. Wray, Jr.	Managing Member

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WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT
(U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION
(U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

SATELLITE EARTH STATION AUTHORIZATIONS
FCC Form 312 - Schedule B:(Technical and Operational Description)
FOR OFFICIAL USE ONLY

Location of Earth Station Site

E1: Site Identifier:	1	E5. Call Sign:	E050191
E2: Contact Name	Dale Cassidy	E6. Phone Number:	318-464-1489
E3. Street:	312 E Kings Highway	E7. City:	Shreveport
		E8. County:	Bossier
E4. State	LA	E9. Zip Code	71104
E10. Area of Operation:		CONUS	
E11. Latitude:	32°28'56.5"N		
E12. Longitude:	93°43'34.3"W		
E13. Lat/Lon Coordinates are:		○ NAD-27	◉ NAD-83 ○ N/A
E14. Site Elevation (AMSL):		51.98meters	

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as dem by the manufacturer's qualification measurement? If NO, provide as a technical analysis showing compliar two-degree spacing policy.	○ Yes ◉ No ○ N/A

E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in t Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's certific measurements?	○ Yes ○ No ◉ N/A
E17. Is the facility operated by remote control? If YES, provide the location and telephone number of the c point.	○ Yes ◉ No

E18. Is frequency coordination required? If YES, attach a frequency coordination request as Frequency Coordinati	◉ Yes ○ No
E19. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as	○ Yes ◉ No
E20. FAA Notification - (See 47 CFR Part 17 and 47 CFR part 25.113(c)) Where FAA notification is req have you attached a copy of a completed FCC Form 854 and/or the FAA's study regarding the potential ha the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.	○ Yes ◉ No

POINTS OF COMMUNICATION

Satellite Name: PERMITTED LIST | | If you selected OTHER, please enter the following:	
E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:

POINTS OF COMMUNICATION (Destination Points)

E25. Site Identifier:	

E26. Common Name:	E27. Country:

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size<meters>	E41/42. Antenna Gain Transmint and/or Recieve (____dBi at _____GHz)	
1	#1, #2, #3	3	Patriot	PRT-450	4.2	42.6 dBi at 3.95	
1	#4	1	Andrew	ESA46-46A	4.5	43.9 dBi at 3.95	
1	#5	1	Patriot	PRT-350	3.7	41.7 dBi at 3.95	
1	#6	1	Andrew	6.1M	6.1	46.5 dBi at 3.95	
1	#7	1	Patriot	3.0M	3.0	40.0 dBi at 3.95	
1	#10	1	DH Satellite	3.7M	3.7	41.7 dBi at 3.95	
1	#12	1	Comtech	3.8M	3.8	42.9 dBi at 39.5	

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	E36. Above Sea Level(meters)	E37. Building Height Above Ground Level (meters)	E38. Total Input Power at antenna flange (Watts)	E39. Maximum Antenna Height Above Rooftop (meters)	E40. Total EIRP for al carriers(dBW)
#1, #2, #3	0.0/0.0	4.2	56.18	0.0	0.0	0.0	0.0
#4	0.0/0.0	4.5	56.48	0.0	0.0	0.0	0.0

#5	0.0/0.0	3.7	55.68	0.0	0.0	0.0	0.0
#6	0.0/0.0	6.1	58.08	0.0	0.0	0.0	0.0
#7	0.0/0.0	3.0	54.98	0.0	0.0	0.0	0.0
#10	0.0/0.0	3.7	55.68	0.0	0.0	0.0	0.0
#12	0.0/0.0	3.8	55.78	0.0	0.0	0.0	0.0

FREQUENCY

E28. Antenna Id	E43/44. Frequency Bands (MHz)	E45. T/R Mode	E46. Antenna Polarization(H,V, L,R)	E47. Emission Designator	E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
#1, #2, #3	3700 4200	R	Horizontal and Vertical	36M0F3F	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it entirety.)

Analog video

#1, #2, #3	3700 4200	R	Horizontal and Vertical	36M0G7F	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it entirety.)

Digital Video

#4	3700 4200	R	Horizontal and Vertical	36M0F3F	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it entirety.)

Analog video

#4	3700 4200	R	Horizontal and Vertical	36M0G7F	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it entirety.)

Digital Video

#5	3700 4200	R	Horizontal and Vertical	36M0F3F	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it entirety.)

Analog video

#5	3700	4200	R	Horizontal and Vertical	36M0G7F	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it entirety.)

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Digital Video
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#6	3700	4200	R	Horizontal and Vertical	36M0F3F	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it entirety.)

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Analog video
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#6	3700	4200	R	Horizontal and Vertical	36M0G7F	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it entirety.)

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Digital Video
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#7	3700	4200	R	Horizontal and Vertical	36M0F3F	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it entirety.)

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Analog video
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#7	3700	4200	R	Horizontal and Vertical	36M0G7F	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it entirety.)

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Digital Video
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#10	3700	4200	R	Horizontal and Vertical	36M0F3F	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it entirety.)

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Analog video
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#10	3700	4200	R	Horizontal and Vertical	36M0G7F	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it entirety.)

Digital Video

#12	3700	4200	R	Horizontal and Vertical	36M0F3F	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it entirety.)

Analog video

#12	3700	4200	R	Horizontal and Vertical	36M0G7F	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it entirety.)

Digital Video

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc Eastern/Western Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
#1, #2, #3	Geostationary	3700 4200	60.0/143.0	128.8	37.7	245.2	25.6	0.0
#4	Geostationary	3700 4200	60.0/143.0	128.8	37.7	245.2	25.6	0.0
#5	Geostationary	3700 4200	60.0/143.0	128.8	37.7	245.2	25.6	0.0
#6	Geostationary	3700 4200	60.0/143.0	128.8	37.7	245.2	25.6	0.0
#7	Geostationary	3700 4200	60.0/143.0	128.8	37.7	245.2	25.6	0.0
#10	Geostationary	3700 4200	60.0/143.0	128.8	37.7	245.2	25.6	0.0
#12	Geostationary	3700 4200	60.0/143.0	128.8	37.7	245.2	25.6	0.0

REMOTE CONTROL POINT LOCATION

E61. Call Sign NOTE: Please enter the callsign of the controlling station, not tl callsign for which this application is being filed.	E66. Phone Number
E62. Street Address	

E63. City	E68. County	E67/68. State/Country /	E64. Zip Code

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