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:	MILL CREEK, RIVERWAY	E5. Call Sign:		
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000	
E3. Street:	650 North Lovers Lane	E7. City:	VISALIA	
		E8. County:		
E4. State	CA	E9. Zip Code	93292	
E10. Area of Operation:		VISALIA		
E11. Latitude:	36 °20 '7.07 "N			
E12. Longitude:	119 °15 '36.95 "W			
E13. Lat/Lon Coordinates are:		◉ NAD-27	○ NAD-83	○ N/A
E14. Site Elevation (AMSL):		0.0 meters		

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 a technical analysis showing compliance wi 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 qualification 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 report as	○ 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard 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: 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 GainTransmint and/or Recieve (____dBi at _____GHz)
MILL CREEK, RIVERWAY	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	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 i entirety.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
STANDARD	Geostationary	3700 4200	9.0/ 223.0	94.0	5.0	275.0	5.0	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.		E65. Phone Number	
E62. Street Address			
E63. City	E67. County	E64/68. State/Country /	E66. Zip Code

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:	TULARE	E5. Call Sign:	
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000
E3. Street:	451 East Merritt Avenue	E7. City:	TULARE
		E8. County:	
E4. State	CA	E9. Zip Code	93274

E10. Area of Operation: TULARE

E11. Latitude: 36°13'17.97"N

E12. Longitude: 119°20'32.27"W

E13. Lat/Lon Coordinates are: (◉) NAD-27 ( ) NAD-83 ( ) N/A

E14. Site Elevation (AMSL): 0.0 meters

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 a technical analysis showing compliance wi 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 qualification 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

POINTS OF COMMUNICATION

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 GainTransmint and/or Recieve (____dBi at _____GHz)
TULARE	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	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 i entirety.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
STANDARD	Geostationary	3700 4200	9.0/ 223.0	94.0	5.0	275.0	5.0	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.		E65. Phone Number	
E62. Street Address			
E63. City	E67. County	E64/68. State/Country /	E66. Zip Code

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:	REEDLEY	E5. Call Sign:	
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000
E3. Street:	755 West Parlier Avenue	E7. City:	REEDLEY
		E8. County:	
E4. State	CA	E9. Zip Code	93654

E10. Area of Operation: REEDLEY

E11. Latitude: 36 °36 '40.17"N

E12. Longitude: 119 °27 '21.03"W

E13. Lat/Lon Coordinates are: ◉ NAD-27 ○ NAD-83 ○ N/A

E14. Site Elevation (AMSL): 0.0 meters

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 a technical analysis showing compliance wi 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 qualification 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 report as	○ 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard 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: 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 GainTransmint and/or Recieve (____dBi at _____GHz)
REEDLEY	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	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 i entirety.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
STANDARD	Geostationary	3700 4200	9.0/ 223.0	94.0	5.0	275.0	5.0	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.		E65. Phone Number	
E62. Street Address			
E63. City	E67. County	E64/68. State/Country /	E66. Zip Code

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:	TAFT 1	E5. Call Sign:	
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000
E3. Street:	101 Church Street	E7. City:	TAFT
		E8. County:	
E4. State	CA	E9. Zip Code	93268

E10. Area of Operation: TAFT

E11. Latitude: 35 °8 '13.74"N

E12. Longitude: 119 °28 '16.46"W

E13. Lat/Lon Coordinates are: (◉) NAD-27 ( ) NAD-83 ( ) N/A

E14. Site Elevation (AMSL): 0.0 meters

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 a technical analysis showing compliance wi 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 qualification 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 report as	○ 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard 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: 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 GainTransmint and/or Recieve (____dBi at _____GHz)
TAFT 1	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	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.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
STANDARD	Geostationary	3700 4200	9.0/ 223.0	94.0	5.0	275.0	5.0	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.		E65. Phone Number	
E62. Street Address			
E63. City	E67. County	E64/68. State/Country /	E66. Zip Code

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:	WALKER	E5. Call Sign:	
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000
E3. Street:	40 Mill Creek Ln W	E7. City:	WALKER
		E8. County:	
E4. State	CA	E9. Zip Code	96107

E10. Area of Operation: WALKER

E11. Latitude: 38°30'51.39"N

E12. Longitude: 119°28'20.43"W

E13. Lat/Lon Coordinates are: (◉) NAD-27 ( ) NAD-83 ( ) N/A

E14. Site Elevation (AMSL): 0.0 meters

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 a technical analysis showing compliance wi 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 qualification 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 report as	○ 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard 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: 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 GainTransmint and/or Recieve (____dBi at _____GHz)
WALKER	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	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 i entirety.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
STANDARD	Geostationary	3700 4200	9.0/ 223.0	94.0	5.0	275.0	5.0	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.		E65. Phone Number	
E62. Street Address			
E63. City	E67. County	E64/68. State/Country /	E66. Zip Code

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:	AUBERRY	E5. Call Sign:	
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000
E3. Street:	29711 Auberry Rd	E7. City:	PRATHER
		E8. County:	
E4. State	CA	E9. Zip Code	93651

E10. Area of Operation: PRATHER

E11. Latitude: 37 ° 2 ' 11.45" N

E12. Longitude: 119 ° 30 ' 32.23" W

E13. Lat/Lon Coordinates are: (●) NAD-27 ( ) NAD-83 ( ) N/A

E14. Site Elevation (AMSL): 0.0 meters

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 a technical analysis showing compliance wi 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 qualification 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 report as	○ 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard 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: 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 GainTransmint and/or Recieve (____dBi at _____GHz)
AUBERRY	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	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 in entirety.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit			

REMOTE CONTROL POINT LOCATION

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:	CORCORAN	E5. Call Sign:				
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000			
E3. Street:	1450 North Avenu	E7. City:	CORCORAN			
		E8. County:				
E4. State	CA	E9. Zip Code	93212			
E10. Area of Operation:		CORCORAN				
E11. Latitude:	36 °6 '20.99"N					
E12. Longitude:	119 °33 '56.54"W					
E13. Lat/Lon Coordinates are:		◉ NAD-27	○ NAD-83	○ N/A		
E14. Site Elevation (AMSL):		0.0 meters				

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 a technical analysis showing compliance wi 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 qualification 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 report as	○ 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard 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: 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 GainTransmint and/or Recieve (____dBi at _____GHz)
CORCORAN	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)

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 i entirety.)

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
			/					

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.		E65. Phone Number	
E62. Street Address			
E63. City	E67. County	E64/68. State/Country /	E66. Zip Code

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:	SELMA 1, 2 (SP)	E5. Call Sign:		
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000	
E3. Street:	2370 Burnham Street	E7. City:	SELMA	
		E8. County:		
E4. State	CA	E9. Zip Code	93662	
E10. Area of Operation:		SELMA		
E11. Latitude:	36 °35 '6.14 "N			
E12. Longitude:	119 °37 '2.01 "W			
E13. Lat/Lon Coordinates are:		◉ NAD-27	○ NAD-83	○ N/A
E14. Site Elevation (AMSL):		0.0 meters		

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 a detailed technical analysis showing compliance wi 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 qualification 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 report as	( ) 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard 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: 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 GainTransmint and/or Recieve (____dBi at _____GHz)
SELMA 1, 2 (SP)	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	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 i entirety.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
STANDARD	Geostationary	3700 4200	9.0/ 223.0	94.0	5.0	275.0	5.0	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.		E65. Phone Number	
E62. Street Address			
E63. City	E67. County	E64/68. State/Country /	E66. Zip Code

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:	YOSEMITE	E5. Call Sign:				
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000			
E3. Street:	49967 Rd 427	E7. City:	OAKHURST			
		E8. County:				
E4. State	CA	E9. Zip Code	93644			
E10. Area of Operation:		OAKHURST				
E11. Latitude:	37 °19 '48.67"N					
E12. Longitude:	119 °38 '10.49"W					
E13. Lat/Lon Coordinates are:		◉ NAD-27	○ NAD-83	○ N/A		
E14. Site Elevation (AMSL):		0.0 meters				

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 a technical analysis showing compliance wi 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 qualification 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 report as	( ) 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard 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: 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 GainTransmint and/or Recieve (____dBi at _____GHz)
YOSEMITE	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700	4200	R	Horizontal and Vertical	36M0G7W	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.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
STANDARD	Geostationary	3700 4200	9.0/ 223.0	94.0	5.0	275.0	5.0	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.		E65. Phone Number	
E62. Street Address			
E63. City	E67. County	E64/68. State/Country /	E66. Zip Code

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:	HANFORD 1, 2, 3 (COR	E5. Call Sign:			
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000		
E3. Street:	2400 North 11th Avenue	E7. City:	HANFORD		
		E8. County:			
E4. State	CA	E9. Zip Code	93230		
E10. Area of Operation:		HANFORD			
E11. Latitude:	36 °21 ' 20.28"N				
E12. Longitude:	119 °39 ' 19.68"W				
E13. Lat/Lon Coordinates are:		◉ NAD-27	○ NAD-83	○ N/A	
E14. Site Elevation (AMSL):		0.0 meters			

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 a detailed technical analysis showing compliance wi 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 qualification 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 report as	( ) 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard 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: 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 GainTransmint and/or Recieve (____dBi at _____GHz)
HANFORD 1, 2, 3 (COR	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	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.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
STANDARD	Geostationary	3700 4200	9.0/ 223.0	94.0	5.0	275.0	5.0	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.		E65. Phone Number	
E62. Street Address			
E63. City	E67. County	E64/68. State/Country /	E66. Zip Code

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:	DAKOTA, REDBANK, SIE	E5. Call Sign:				
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000			
E3. Street:	1880 Gettysburg Avenue	E7. City:	CLOVIS			
		E8. County:				
E4. State	CA	E9. Zip Code	93611			
E10. Area of Operation:		CLOVIS				
E11. Latitude:	36 °48 '3.01 "N					
E12. Longitude:	119 °40 '49.29"W					
E13. Lat/Lon Coordinates are:		◉ NAD-27	○ NAD-83	○ N/A		
E14. Site Elevation (AMSL):		0.0 meters				

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 a technical analysis showing compliance wi 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 qualification 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 report as	○ 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard 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: 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 GainTransmint and/or Recieve (____dBi at _____GHz)
DAKOTA, REDBANK, SIE	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	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.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
STANDARD	Geostationary	3700 4200	9.0/ 223.0	94.0	5.0	275.0	5.0	0.0

REMOTE CONTROL POINT LOCATION

E61. Call Sign

E65. Phone Number

NOTE: Please enter the callsign of the controlling station, not tl callsign for which this application is being filed.

E62. Street Address

E63. City

E67. County

E64/68. State/Country /

E66. Zip Code

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:	HERITAGE YSA, MOUNTA	E5. Call Sign:	
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000
E3. Street:	220 North Peach Avenue	E7. City:	CLOVIS
		E8. County:	
E4. State	CA	E9. Zip Code	93612

E10. Area of Operation: CLOVIS

E11. Latitude: 36 °50 '3.82 "N

E12. Longitude: 119 °43 '7.13 "W

E13. Lat/Lon Coordinates are: (•) NAD-27 ( ) NAD-83 ( ) N/A

E14. Site Elevation (AMSL): 0.0 meters

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 a detailed technical analysis showing compliance wi 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 qualification 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 report as	( ) 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard 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: 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 GainTransmint and/or Recieve (____dBi at _____GHz)
HERITAGE YSA, MOUNTA	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	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.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
STANDARD	Geostationary	3700 4200	9.0/ 223.0	94.0	5.0	275.0	5.0	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.		E65. Phone Number	
E62. Street Address			
E63. City	E67. County	E64/68. State/Country /	E66. Zip Code

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:	FRESNO 5, FRESNO YSA	E5. Call Sign:		
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000	
E3. Street:	5685 North Cedar Avenue	E7. City:	FRESNO	
		E8. County:		
E4. State	CA	E9. Zip Code	93710	
E10. Area of Operation:		FRESNO		
E11. Latitude:	36 °49 '8.54 "N			
E12. Longitude:	119 °45 '17.69 "W			
E13. Lat/Lon Coordinates are:		◉ NAD-27	○ NAD-83	○ N/A
E14. Site Elevation (AMSL):		0.0 meters		

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 a technical analysis showing compliance wi 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 qualification 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 report as	○ 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard 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: 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 GainTransmint and/or Recieve (____dBi at _____GHz)
FRESNO 5, FRESNO YSA	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	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 i entirety.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
STANDARD	Geostationary	3700 4200	9.0/ 223.0	94.0	5.0	275.0	5.0	0.0

REMOTE CONTROL POINT LOCATION

E61. Call Sign

E65. Phone Number

NOTE: Please enter the callsign of the controlling station, not tl callsign for which this application is being filed.

E62. Street Address

E63. City

E67. County

E64/68. State/Country /

E66. Zip Code

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:	LEMOORE	E5. Call Sign:	
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000
E3. Street:	800 East Hanford Armona Road	E7. City:	LEMOORE
		E8. County:	
E4. State	CA	E9. Zip Code	93245

E10. Area of Operation: LEMOORE

E11. Latitude: 36 °18 '49.93"N

E12. Longitude: 119 °46 '13.46"W

E13. Lat/Lon Coordinates are: ◉ NAD-27 ○ NAD-83 ○ N/A

E14. Site Elevation (AMSL): 0.0 meters

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 a technical analysis showing compliance wi 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 qualification 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 report as	○ 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard 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: 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 GainTransmint and/or Recieve (____dBi at _____GHz)
LEMOORE	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	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 i entirety.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
STANDARD	Geostationary	3700 4200	9.0/ 223.0	94.0	5.0	275.0	5.0	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.		E65. Phone Number	
E62. Street Address			
E63. City	E67. County	E64/68. State/Country /	E66. Zip Code

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:	GOLETA VALLEY, MESA	E5. Call Sign:		
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000	
E3. Street:	478 Cambridge Drive	E7. City:	GOLETA	
		E8. County:		
E4. State	CA	E9. Zip Code	93117	
E10. Area of Operation:		GOLETA		
E11. Latitude:	34 °26 '49.75"N			
E12. Longitude:	119 °49 '12.3 "W			
E13. Lat/Lon Coordinates are:		(●) NAD-27	( ) NAD-83	( ) N/A
E14. Site Elevation (AMSL):		0.0 meters		

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 a technical analysis showing compliance wi 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 qualification 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 report as	○ 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard 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: 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 GainTransmint and/or Recieve (____dBi at _____GHz)
GOLETA VALLEY, MESA	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	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 i entirety.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
STANDARD	Geostationary	3700 4200	9.0/ 223.0	94.0	5.0	275.0	5.0	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.		E65. Phone Number	
E62. Street Address			
E63. City	E67. County	E64/68. State/Country /	E66. Zip Code

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:	FIG GARDEN, SIERRA,	E5. Call Sign:	
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000
E3. Street:	3375 West Sierra Avenue	E7. City:	FRESNO
		E8. County:	
E4. State	CA	E9. Zip Code	93711

E10. Area of Operation: FRESNO

E11. Latitude: 36 °49 '46.92"N

E12. Longitude: 119 °51 '10.02"W

E13. Lat/Lon Coordinates are: ◉ NAD-27 ○ NAD-83 ○ N/A

E14. Site Elevation (AMSL): 0.0 meters

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 a detailed technical analysis showing compliance wi 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 qualification 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 report as

○ 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard structure to aviation?

○ Yes ◉ No

FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.

POINTS OF COMMUNICATION

Satellite Name: 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 GainTransmint and/or Recieve (____dBi at _____GHz)
FIG GARDEN, SIERRA,	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	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 i entirety.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
STANDARD	Geostationary	3700 4200	9.0/ 223.0	94.0	5.0	275.0	5.0	0.0

REMOTE CONTROL POINT LOCATION

E61. Call Sign

E65. Phone Number

NOTE: Please enter the callsign of the controlling station, not tl callsign for which this application is being filed.

E62. Street Address

E63. City

E67. County

E64/68. State/Country /

E66. Zip Code

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:	MARIPOSA	E5. Call Sign:	
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000
E3. Street:	5546 Highway 49 North	E7. City:	MARIPOSA
		E8. County:	
E4. State	CA	E9. Zip Code	95338

E10. Area of Operation: MARIPOSA

E11. Latitude: 37°30'25.07"N

E12. Longitude: 119°59'57.79"W

E13. Lat/Lon Coordinates are: (●) NAD-27 ( ) NAD-83 ( ) N/A

E14. Site Elevation (AMSL): 0.0 meters

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 a technical analysis showing compliance wi 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 qualification 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 report as	○ 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard 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: 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 GainTransmint and/or Recieve (____dBi at _____GHz)
MARIPOSA	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)

STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	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 i entirety.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
STANDARD	Geostationary	3700 4200	9.0/ 223.0	94.0	5.0	275.0	5.0	0.0

REMOTE CONTROL POINT LOCATION

E61. Call Sign

E65. Phone Number

NOTE: Please enter the callsign of the controlling station, not tl callsign for which this application is being filed.

E62. Street Address

E63. City

E67. County

E64/68. State/Country /

E66. Zip Code

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:	TAHOE NORTH	E5. Call Sign:	
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000
E3. Street:	7851 N Kingswood Dr	E7. City:	KINGS BEACH
		E8. County:	
E4. State	CA	E9. Zip Code	96143

E10. Area of Operation: KINGS BEACH

E11. Latitude: 39 ° 15 ' 2.57 " N

E12. Longitude: 120 ° 2 ' 10.02 " W

E13. Lat/Lon Coordinates are: (●) NAD-27 ( ) NAD-83 ( ) N/A

E14. Site Elevation (AMSL): 0.0 meters

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 a detailed technical analysis showing compliance wi two-degree spacing policy.	(●) Yes ( ) No

POINTS OF COMMUNICATION

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 GainTransmint and/or Recieve (____dBi at _____GHz)
TAHOE NORTH	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	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 i entirety.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
STANDARD	Geostationary	3700 4200	9.0/ 223.0	94.0	5.0	275.0	5.0	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.		E65. Phone Number	
E62. Street Address			
E63. City	E67. County	E64/68. State/Country /	E66. Zip Code

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:	KERMAN 1, 2 (SP)	E5. Call Sign:		
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000	
E3. Street:	15500 West Kearney Boulevar	E7. City:	KERMAN	
		E8. County:		
E4. State	CA	E9. Zip Code	93630	
E10. Area of Operation:		KERMAN		
E11. Latitude:	36 °43 ' 40.02"N			
E12. Longitude:	120 °4 ' 11.59"W			
E13. Lat/Lon Coordinates are:		◉ NAD-27	○ NAD-83	○ N/A
E14. Site Elevation (AMSL):		0.0 meters		

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 a technical analysis showing compliance wi 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 qualification 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 report as	( ) 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard 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: 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 GainTransmint and/or Recieve (____dBi at _____GHz)
KERMAN 1, 2 (SP)	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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)
STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	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 i entirety.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
STANDARD	Geostationary	3700 4200	9.0/ 223.0	94.0	5.0	275.0	5.0	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.		E65. Phone Number	
E62. Street Address			
E63. City	E67. County	E64/68. State/Country /	E66. Zip Code

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:	MADERA 1, 2, 3 (SP)	E5. Call Sign:		
E2: Contact Name	Bart Eichelberger	E6. Phone Number:	801-240-1000	
E3. Street:	2112 Sunset Avenue	E7. City:	MADERA	
		E8. County:		
E4. State	CA	E9. Zip Code	93637	
E10. Area of Operation:		MADERA		
E11. Latitude:	36 °57 '34.91"N			
E12. Longitude:	120 °5 '5.08"W			
E13. Lat/Lon Coordinates are:		◉ NAD-27	○ NAD-83	○ N/A
E14. Site Elevation (AMSL):		0.0 meters		

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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 report as	○ 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
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POINTS OF COMMUNICATION

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E23. Orbit Location:	E24. Country:

POINTS OF COMMUNICATION (Destination Points)

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E26. Common Name:	E27. Country:

ANTENNA

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MADERA 1, 2, 3 (SP)	STANDARD	1	GENERAL DYNAMICS	Satcom 1344	3.4	40.2 dBi at 4

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STANDARD	0.0/0.0	4.0	0.0	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)
STANDARD	3700 4200	R	Horizontal and Vertical	36M0G7W	0.0	0.0

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NULL

FREQUENCY COORDINATION

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REMOTE CONTROL POINT LOCATION

E61. Call Sign

E65. Phone Number

NOTE: Please enter the callsign of the controlling station, not tl 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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