# SATELLITE EARTH STATION AUTHORIZATIONS FCC Form 312 - Schedule B:(Technical and Operational Description)

### Location of Earth Station

E1. Site Identifier: Circuit Bobsleigh Wor	E5. Call Sign: Hol 243			
E2. Contact Name:Bob Snieder	E6. Phone Number:+31 6 53683886			
E3. Street: Name Park City		E7. City: Park City Utah		
		E8. County USA		
E4. State Utah		E9. Zip Code 84	098	
E10. Area of Operation: Bobsleigh				
E11. Latitude: 40°,42",2'N				
E12. Longitude: 111,33,5W				
E13. Lat/Lon Coordinates are:	NAD-27	NAD-83 x	N/A	
E14. Site Elevation (AMSL): meters 3				

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with	Yes
geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain	
patterns specified in Section 25.209(a) and(b) as demonstrated by the manufacturer's	
qualification measurement? If NO, provide as a technical analysis showing	
compliance with two-degree spacing policy.	
E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or	N/A
if they operate in the Fixed Satellite Service (FSS) with non-geostationary satellites,	
do(es) the proposed antenna(s) comply with the antenna gain patterns specified in	
Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification	
measurements?	
E17. Is the facility operated by remote control? If YES, provide the location and	No
telephone number of the control point.	
E18. Is frequency coordination required? If YES, attach a frequency coordination	No
report	
as Exhibit D	
E19. Is coordination with another country required? If YES, attach the name of the	No
country(ies) and plot of coordination contours as	
E20. FAA Notification - (See 47 CFR Part 17 and 47 CFR part 25.113(c)) Where	No
FAA notification is required, have you attached a copy of a completed FCC Form	
854 and/or the FAA's study regarding the potential hazard of the structure to aviation?	
FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN	
THE RETURN OF THIS APPLICATION.	

#### POINTS OF COMMUNICATION

Satellite Name:	
E21. Common Name:NSS 806 txp 26/26	E22. ITU Name:
E23. Orbit Location:319.5E	E24. Country: USA

#### POINTS OF COMMUNICATION (Destination Points)

E25. Site Identifier Bobsleigh Park City	
E26. Common Name:	E27. Country: USA

#### ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E 32. Antenna Size	E41/42. Antenna Gain Transmint and/or Recieve ( dBi at GHz)
Park City	Hol 243	1	Gigasat	FA 240	2.4	42 6Ghz

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)
Hol 243	2.4	4.4	4.4	4.4	300	4.4	66

# FREQUENCY

E28.	E43/44.	E45.	E46.	E47.	E48.	E49. Maximum	
Antenna Id	Frequency	T/R	Antenna	Emission	Maximum	ERIP Density per	
	Bands(MHz)	Mode	Polarization	Designator	EIRP per	Carrier(dBW/4kHz)	
			(H,V,L,R)	_	Carrier(dBW)		
Hol 243	6332	T	R	C band	66	66	
E50. Modulat	E50. Modulation and Services:						
E50. Modulation and Services:							
Dvbs2 8 psk television transmission							

## FREQUENCY COORDINATION

E28.	E51. Satellite	E52/53.	E54/55. Range	E56.	E57.	E58.	E59.	E60.
Antenna	Orbit Type	Frequency	of Satellite Arc	Earth	Antenna	Earth	Antenna	Maximum
Id		Limits	Eastern/Western	Station	Elevation	Station	Elevation	EIRP
		(MHz)	Limit	Azimuth	Angle	Azimuth	Angle	Density
				Angle	Eastern	Angle	Western	toward the
				Eastern	Limit	Western	Limit	Horizon
				Limit		Limit		(dBW/4kHz)
Hol	Geostationary	6332-	40.5W	0	0	90	90	40
243	_	4107						

# REMOTE CONTROL POINT LOCATION

E61. Call Sign	E66. Phone Number		
			+31 6 53683886
NOTE: Please enter the callsign of the control			
application is being filed.			
E62. Park City Bobsleigh			
E63. Park City Utah	E68. NYK	E67/68.	E64 84098