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

## Location of Earth Station

E1. Site Identifier: Circuit Formula1	E5. Call Sign: Hol 292			
E2. Contact Name:Marco Mohr	E6. Phone Number:+31 6 53439035			
E3. Street: Name 9201 Circuit of the Americ	as Boulevard	oulevard E7. City: Del Valle		
		E8. County USA		
E4. State Texas		E9. Zip Code 786	517	
E10. Area of Operation: Formula 1 circuit				
E11. Latitude: 30°,16",2'N				
E12. Longitude: 97,42,7W				
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:Intelsat 805 13/13	E22. ITU Name:
E23. Orbit Location:	E24. Country: USA

#### POINTS OF COMMUNICATION (Destination Points)

E25. Site Identifier Circuit F1	
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)
Austin	Hol 292	1	Gigasat	FA 370	3,7	45.5 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 292	3,7	5,7	5,7	5,7	300	5,770	

## 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)		
Hol 292	6103	T	Н	C band	70	70		
E50. Modulat	E50. Modulation and Services:							
E50. Modulation and Services:								
Dvbs2 8 psk	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	6103-	40.5W	0	0	90	90	40
292		3787						

## REMOTE CONTROL POINT LOCATION

	E61. Call Sign	E66. Phone Number					
		+31 6 53439035					
	NOTE: Please enter the callsign of the control						
	application is being filed.						
Ī	E62. Street Address9201 Circuit of the Amer						
Ī	E63. CityAustin	E68. Texas	E67/68.	E64.78617			