

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Bobsleigh WC 2013 Park City (Utah)

**I. Applicant**

<b>Name:</b>	Multi-Link Holland	<b>Phone Number:</b>	+31356035382
<b>DBA Name:</b>		<b>Fax Number:</b>	+31356035142
<b>Street:</b>	Hermesweg 20	<b>E-Mail:</b>	planning@multi-link.tv
<b>City:</b>	Baarn	<b>State:</b>	
<b>Country:</b>		<b>Zipcode:</b>	-
<b>Attention:</b>	Mr Marco J.M. van Uffelen		

File # SES-STA 20131129-01165  
Call Sign Name Grant Date 12-4-13  
(or other identifier)  
From 12-5-13 Term Dates To  
Approved: [Signature]




GRANTED  
International Bureau

Applicant: Multi-Link Holland  
Call Sign: None  
File Number: SES-STA-20131129-01165  
Special Temporary Authority (STA)

Multi-Link Holland is granted STA to operate during December 5th- 7th, 2013 a Temporary-Fixed earth station at Circuit Bobsleigh World Cup in Park City, Utah area to communicate with AMC-1 (S2445) at the 103° W. L. orbital location on 6395 MHz frequency, Earth-to-space, under the following conditions:

1. Multi-Link Holland shall operate with an antenna size of at least 3.7 meter and Input Power Density not to exceed -2.7 dBw/4kHz.
2. Multi-Link Holland shall limit communications to digital emissions.
3. Multi-Link Holland, shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.
4. In the event that there is a report of interference, Multi-Link Holland must immediately terminate transmissions and notify the FCC in writing.
5. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Multi-Link Holland.

 <b>GRANTED</b> International Bureau	File # <u>SES-STA-20131129-01165</u>
	Call Sign <u>None</u> Grant Date <u>12-4-13</u> (or other identifier)
	From <u>12-5-13</u> Term Dates To <u>12-7-13</u>
	Approver's <u>[Signature]</u>

<b>2. Contact</b>	
<b>Name:</b>	Mr Marco J.M. van Uffelen
<b>Company:</b>	Multi-Link Holland
<b>Street:</b>	Hermesweg 20
<b>City:</b>	Baarn
<b>Country:</b>	Netherlands
<b>Attention:</b>	
<b>Phone Number:</b>	+31356035382
<b>Fax Number:</b>	+31356035142
<b>E-Mail:</b>	planning@multi-link.tv
<b>State:</b>	
<b>Zipcode:</b>	
<b>Relationship:</b>	
(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)	
3. Reference File Number or Submission ID	
4a. Is a fee submitted with this application?	
<input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).	
<input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee	
<input type="radio"/> Other (please explain):	
4b. Fee Classification CGB – Mobile Satellite Earth Stations	
5. Type Request	
<input checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other	
6. Requested Use Prior Date	
05/12/2013	
7. City/Park City	
8. Latitude	
(dd mm ss.s h) 40 42 28.0 N	

9. State UT	10. Longitude (dd mm ss.s h) 111 33 50.0 W
11. Please supply any need attachments. Attachment 1: Hol 292 Park City 2. Attachment 2: Attachment 3:	
12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.) Temporary Uplink at the Bobsleigh WC event in Park City	
13. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application"; for these purposes. Yes <input checked="" type="radio"/> No <input type="radio"/>	
14. Name of Person Signing Marco van Uffelen	15. Title of Person Signing Uplink Engineer
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).	

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**THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.**

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

Location of Earth Station 5<sup>th</sup> -7<sup>th</sup> December 2013

E1. Site Identifier: Circuit Bobsleigh World Cup		E5. Call Sign: Hol 292	
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 84098	
E10. Area of Operation: Bobsleigh piste			
E11. Latitude: 40° 42' 28" N			
E12. Longitude: 111° 33' 5" W			
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 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.	Yes
E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or 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?	N/A
E17. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point.	No
E18. Is frequency coordination required? If YES, attach a frequency coordination report as Exhibit D	No
E19. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as	No
E20. FAA Notification - (See 47 CFR Part 17 and 47 CFR part 25.113(c)) Where 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.	No

POINTS OF COMMUNICATION

Satellite Name: :AMC-1 (52445)	E22. ITU Name: USASAT-24F
E23. Orbit Location: 103°W.	E24. Country: USA

51  
 5995-6425

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 292	1	Andrew	Trifold	3.7m	46.3dBi@ 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	1.5	??	1.5	300	3	66

71 dBW

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	6395 MHz 5875-6425	T	H	12MOD7W	66	66
E50. Modulation and Services:						
DVB-S2 8PSK, 3/4 12 MHz carrier MPEG-4 HD video						

-15 dBW  
4 kHz

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)
Hol 292	Geostationary	6395 5875-6425	+_50 degrees		18.5-65 degr	90	18.5-65 degr	40

REMOTE CONTROL POINT LOCATION

E61. Call Sign --		E66. Phone Number +31 6 53683886	
NOTE: Please enter the callsign of the controlling station, not the call sign for which this application is being filed.			
E62. Park City Bobsleigh			
E63. Park City, Utah	E68. UTAH	E67/68.	E64 84098