

Tele-Sci Solutions, LLC

P.O. Box 237

Augusta, NJ 07822-0237

Phone: 973-862-6675

Email: telesci@yahoo.com

TO: All Coordinators

April 28, 2022

Re: Multi-Link Holland

T/O Earth Station

Miami, FL (Media Compound Miami International Autodrome)

Dear Frequency Coordinator:

On behalf of Multi-Link Holland, we are forwarding the attached frequency coordination request for a temporary transmit-only earth station to be located at the Media Compound for the Miami International Autodrome at Miami, FL.

Please review this data for potential interference in accordance with Part 101 and 25 of the FCC Rules and Regulations.

The operation of the above will be as follows:

Satellite/ Transponder	Arc Position	Frequency (MHZ)	Date of Operation
SES 14	47.5 deg	5925-6285; 6345-6425	05/03/22 – 05/08/22

The earth station will be located at the west side of Hard Rock Stadium which is 168 feet in height. Northeastern, eastern, southeastern and southern headings will be shielded by the stadium.

We would appreciate your reply either by telephone, mail, email or fax to the Tele-Sci Solutions, LLC office. If you should have any questions, please do not hesitate to contact me. Thank you for your assistance in this coordination.

Sincerely,

Janine Miliband
General Manager

TEMPORARY SATELLITE EARTH STATION
FREQUENCY COORDINATION DATA
04/28/22

COMPANY NAME:	MULTI-LINK HOLLAND
EARTH STATION LOCATION:	MIAMI, FL
LATITUDE(DMS):	25 57 31.8
LONGITUDE(DMS):	80 14 27.0
SITE GROUND ELEVATION(FT. AMSL):	-1.0
ANTENNA CENTER LINE(FT)	10.0
ANTENNA TYPE:	PRODELIN
	1385
ANTENNA DIAMETER(METERS):	3.7
6 GHZ ANTENNA GAIN(DBI):	46.4
15 DB HALF BEAMWIDTH (DEG)	2.00
OPERATING MODE:	T/O
TRANSMIT BAND(MHZ):	5925-6285; 6345-6425
EMISSION DESIGNATOR	36MOF9Y
MODULATION:	DIGITAL
MAX. AVAILABLE RF POWER(DBW/4KHZ):	-15.54
(DBW/36MHZ) :	24.00
MAX. EIRP (DBW/4KHZ):	30.86
(DBW/36MHZ) :	70.40
MAX. PERMISSIBLE INTERFERENCE POWER	
6 GHZ 20% (DBW/4KHZ)	-154.0
6 GHZ 0.0025% (DBW/4KHZ)	-131.0
SATELLITE ARC (MIN/MAX)	47.5 DEG
AZIMUTH	124.3 DEG
ELEVATION	42.8 DEG
RADIO CLIMATE	A
RAIN ZONE	1
MAXIMUM GREAT CIRCLE COORDINATION DISTANCE(KM)	
6 GHZ	114.8
PRECIPITATION SCATTER CONTOUR RADIUS(KM)	
6 GHZ	202.5

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AZIMUTH DEGREES	HORIZON ANGLE DEGREES	DISC ANGLE DEGREES	HORIZON GAIN DBI	4GHZ COORD DISTANCE KM	6 GHZ DISTANCE KM	RAIN4 SCATTER KM	RAIN6 SCATTER KM
5.	.0	126.2	-10.0	.0	110.5	.0	202.5
10.	.0	121.5	-10.0	.0	110.5	.0	202.5
15.	.0	116.8	-10.0	.0	110.5	.0	202.5
20.	.0	112.1	-10.0	.0	110.5	.0	202.5
25.	.0	107.4	-10.0	.0	110.5	.0	202.5
30.	.0	102.9	-10.0	.0	110.5	.0	202.5
35.	.0	98.3	-10.0	.0	110.5	.0	202.5
40.	.0	93.8	-10.0	.0	110.5	.0	202.5
45.	.0	89.4	-10.0	.0	110.5	.0	202.5
50.	.0	85.0	-10.0	.0	110.5	.0	202.5
55.	.0	80.7	-10.0	.0	110.5	.0	202.5
60.	.0	76.5	-10.0	.0	110.5	.0	202.5
65.	.0	72.4	-10.0	.0	110.5	.0	202.5
70.	.0	68.4	-10.0	.0	110.5	.0	202.5
75.	.0	64.6	-10.0	.0	110.5	.0	202.5
80.	.0	60.9	-10.0	.0	110.5	.0	202.5
85.	.0	57.4	-10.0	.0	110.5	.0	202.5
90.	.0	54.2	-10.0	.0	110.5	.0	202.5
95.	.0	51.2	-10.0	.0	110.5	.0	202.5
100.	.0	48.6	-10.0	.0	110.5	.0	202.5
105.	.0	46.3	-9.6	.0	111.6	.0	202.5
110.	.0	44.5	-9.2	.0	113.0	.0	202.5
115.	.0	43.3	-8.9	.0	114.0	.0	202.5
120.	.0	42.5	-8.7	.0	114.6	.0	202.5
125.	.0	42.4	-8.7	.0	114.8	.0	202.5
130.	.0	42.8	-8.8	.0	114.4	.0	202.5
135.	.0	43.8	-9.0	.0	113.6	.0	202.5
140.	.0	45.4	-9.4	.0	112.3	.0	202.5
145.	.0	47.4	-9.9	.0	110.8	.0	202.5
150.	.0	49.8	-10.0	.0	110.5	.0	202.5
155.	.0	52.6	-10.0	.0	110.5	.0	202.5
160.	.0	55.7	-10.0	.0	110.5	.0	202.5
165.	.0	59.0	-10.0	.0	110.5	.0	202.5
170.	.0	62.5	-10.0	.0	110.5	.0	202.5
175.	.0	66.3	-10.0	.0	110.5	.0	202.5
180.	.0	70.1	-10.0	.0	110.5	.0	202.5
185.	.0	74.1	-10.0	.0	110.5	.0	202.5
190.	.0	78.2	-10.0	.0	110.5	.0	202.5
195.	.0	82.5	-10.0	.0	110.5	.0	202.5
200.	.0	86.8	-10.0	.0	110.5	.0	202.5
205.	.0	91.1	-10.0	.0	110.5	.0	202.5
210.	.0	95.6	-10.0	.0	110.5	.0	202.5
215.	.0	100.0	-10.0	.0	110.5	.0	202.5
220.	.0	104.6	-10.0	.0	110.5	.0	202.5

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225.	.0	109.1	-10.0	.0	110.5	.0	202.5
230.	.0	113.8	-10.0	.0	110.5	.0	202.5
235.	.0	118.4	-10.0	.0	110.5	.0	202.5
240.	.0	123.1	-10.0	.0	110.5	.0	202.5
245.	.0	127.8	-10.0	.0	110.5	.0	202.5
250.	.0	132.5	-10.0	.0	110.5	.0	202.5
255.	.0	137.2	-10.0	.0	110.5	.0	202.5
260.	.0	142.0	-10.0	.0	110.5	.0	202.5
265.	.0	146.7	-10.0	.0	110.5	.0	202.5
270.	.0	151.5	-10.0	.0	110.5	.0	202.5
275.	.0	156.3	-10.0	.0	110.5	.0	202.5
280.	.0	161.1	-10.0	.0	110.5	.0	202.5
285.	.0	166.0	-10.0	.0	110.5	.0	202.5
290.	.0	170.8	-10.0	.0	110.5	.0	202.5
295.	.0	175.6	-10.0	.0	110.5	.0	202.5
300.	.0	179.0	-10.0	.0	110.5	.0	202.5
305.	.0	179.0	-10.0	.0	110.5	.0	202.5
310.	.0	179.0	-10.0	.0	110.5	.0	202.5
315.	.0	179.0	-10.0	.0	110.5	.0	202.5
320.	.0	179.0	-10.0	.0	110.5	.0	202.5
325.	.0	179.0	-10.0	.0	110.5	.0	202.5
330.	.0	179.0	-10.0	.0	110.5	.0	202.5
335.	.0	179.0	-10.0	.0	110.5	.0	202.5
340.	.0	179.0	-10.0	.0	110.5	.0	202.5
345.	.0	179.0	-10.0	.0	110.5	.0	202.5
350.	.0	179.0	-10.0	.0	110.5	.0	202.5
355.	.0	179.0	-10.0	.0	110.5	.0	202.5
360.	.0	179.0	-10.0	.0	110.5	.0	202.5

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POINTING AZIMUTH AND ELEVATION ANGLES

SATELLITE LONGITUDE	LONG DIFF	AZIMUTH	ELEV ANGLE	SATELLITE NAME
47.50	-32.74	124.3	42.80	SES 14