

Tele-Sci Solutions LLC

P.O. Box 237

Augusta, NJ 07822-0237

Phone: 973-862-6675

email: tele/sci@yahoo.com

TO: All Coordinators

February 24, 2021

**Re: Multi-Link Holland
T/O Earth Station
Jacksonville, FL (1 Daily's Place)**

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 1 Daily's Place at Jacksonville, 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
Partial Arc	87-120 deg	6185; 6265-6325; 6365-6425	03/01/21- 09/01/21

The earth station will be located in a loading dock on the west side of a building which is 75 feet in height. Southwestern, western and northwestern headings will be shielded by this building. Northern headings will be shielded by TIAA Stadium which is 164 feet in height. 1 Daily's Place is within 50 feet of the earth station site. The stadium is within 320 feet of the earth station site.

We would appreciate your reply either by telephone, mail, or email to the Tele-Sci Solutions LLC office. If you should have any questions, please do not hesitate to contact me. This uplink will operate on an occasional basis and will not operate continuously. Thank you for your assistance in this coordination.

Sincerely,

Janine Miliband
General Manager

TEMPORARY SATELLITE EARTH STATION
 FREQUENCY COORDINATION DATA
 2/24/21

COMPANY NAME:	MULTI-LINK HOLLAND
EARTH STATION LOCATION:	JACKSONVILLE, FL
LATITUDE(DMS):	30 19 19.0
LONGITUDE(DMS):	81 38 14.3
SITE GROUND ELEVATION(FT. AMSL):	2.0
ANTENNA CENTER LINE(FT)	10.0
ANTENNA TYPE:	ANDREW
	3.7 METER
ANTENNA DIAMETER(METERS):	3.7
6 GHZ ANTENNA GAIN(DBI):	46.4
15 DB HALF BEAMWIDTH (DEG)	2.0
OPERATING MODE:	T/O
TRANSMIT BAND(MHZ):	6185; 6265-6325; 6365-6425
EMISSION DESIGNATOR	18MOF9Y
MODULATION:	DIGITAL
MAX. AVAILABLE RF POWER(DBW/4KHZ):	-12.53
(DBW/18MHZ):	24.00
MAX. EIRP (DBW/4KHZ):	33.87
(DBW/MHZ):	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)	87/120 DEG
AZIMUTH	190.5/237.5 DEG
ELEVATION	54.2/ 35.5 DEG
RADI CLIMATE	A
RAIN ZONE	1
MAXIMUM GREAT CIRCLE COORDINATION DISTANCE(KM)	
6 GHZ	132.1
PRECIPITATION SCATTER CONTOUR RADIUS(KM)	
6 GHZ	203.3

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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	179.0	-10.0	.0	120.5	.0	203.3
10.	.0	179.0	-10.0	.0	120.5	.0	203.3
15.	.0	179.0	-10.0	.0	120.5	.0	203.3
20.	.0	178.9	-10.0	.0	120.5	.0	203.3
25.	.0	174.2	-10.0	.0	120.5	.0	203.3
30.	.0	169.4	-10.0	.0	120.5	.0	203.3
35.	.0	164.7	-10.0	.0	120.5	.0	203.3
40.	.0	160.0	-10.0	.0	120.5	.0	203.3
45.	.0	155.3	-10.0	.0	120.5	.0	203.3
50.	.0	150.6	-10.0	.0	120.5	.0	203.3
55.	.0	146.0	-10.0	.0	120.5	.0	203.3
60.	.0	141.3	-10.0	.0	120.5	.0	203.3
65.	.0	136.7	-10.0	.0	120.5	.0	203.3
70.	.0	132.2	-10.0	.0	120.5	.0	203.3
75.	.0	127.6	-10.0	.0	120.5	.0	203.3
80.	.0	123.1	-10.0	.0	120.5	.0	203.3
85.	.0	118.6	-10.0	.0	120.5	.0	203.3
90.	.0	114.2	-10.0	.0	120.5	.0	203.3
95.	.0	109.8	-10.0	.0	120.5	.0	203.3
100.	.0	105.5	-10.0	.0	120.5	.0	203.3
105.	.0	101.3	-10.0	.0	120.5	.0	203.3
110.	.0	97.1	-10.0	.0	120.5	.0	203.3
115.	.0	93.0	-10.0	.0	120.5	.0	203.3
120.	.0	88.9	-10.0	.0	120.5	.0	203.3
125.	.0	85.0	-10.0	.0	120.5	.0	203.3
130.	.0	81.2	-10.0	.0	120.5	.0	203.3
135.	.0	77.6	-10.0	.0	120.5	.0	203.3
140.	.0	74.1	-10.0	.0	120.5	.0	203.3
145.	.0	70.8	-10.0	.0	120.5	.0	203.3
150.	.0	67.7	-10.0	.0	120.5	.0	203.3
155.	.0	64.8	-10.0	.0	120.5	.0	203.3
160.	.0	62.2	-10.0	.0	120.5	.0	203.3
165.	.0	59.9	-10.0	.0	120.5	.0	203.3
170.	.0	57.9	-10.0	.0	120.5	.0	203.3
175.	.0	56.4	-10.0	.0	120.5	.0	203.3
180.	.0	55.2	-10.0	.0	120.5	.0	203.3
185.	.0	54.5	-10.0	.0	120.5	.0	203.3
190.	.0	53.8	-10.0	.0	120.5	.0	203.3
195.	.0	52.6	-10.0	.0	120.5	.0	203.3
200.	.0	50.8	-10.0	.0	120.5	.0	203.3
205.	.0	48.1	-10.0	.0	120.5	.0	203.3
210.	.0	44.9	-9.3	.0	122.9	.0	203.3
215.	.0	42.0	-8.6	.0	125.5	.0	203.3
220.	.0	39.6	-7.9	.0	127.8	.0	203.3

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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
225.	.0	37.7	-7.4	.0	129.9	.0	203.3
230.	.0	36.3	-7.0	.0	131.3	.0	203.3
235.	.0	35.6	-6.8	.0	132.1	.0	203.3
240.	.0	35.6	-6.8	.0	132.1	.0	203.3
245.	.0	36.3	-7.0	.0	131.3	.0	203.3
250.	.0	37.7	-7.4	.0	129.8	.0	203.3
255.	.0	39.6	-8.0	.0	127.8	.0	203.3
260.	.0	42.1	-8.6	.0	125.4	.0	203.3
265.	.0	45.0	-9.3	.0	122.9	.0	203.3
270.	.0	48.2	-10.0	.0	120.5	.0	203.3
275.	.0	51.7	-10.0	.0	120.5	.0	203.3
280.	.0	55.4	-10.0	.0	120.5	.0	203.3
285.	.0	59.3	-10.0	.0	120.5	.0	203.3
290.	.0	63.4	-10.0	.0	120.5	.0	203.3
295.	.0	67.6	-10.0	.0	120.5	.0	203.3
300.	.0	71.9	-10.0	.0	120.5	.0	203.3
305.	.0	76.3	-10.0	.0	120.5	.0	203.3
310.	.0	80.8	-10.0	.0	120.5	.0	203.3
315.	.0	85.3	-10.0	.0	120.5	.0	203.3
320.	.0	89.9	-10.0	.0	120.5	.0	203.3
325.	.0	94.5	-10.0	.0	120.5	.0	203.3
330.	.0	99.1	-10.0	.0	120.5	.0	203.3
335.	.0	103.8	-10.0	.0	120.5	.0	203.3
340.	.0	108.5	-10.0	.0	120.5	.0	203.3
345.	.0	113.3	-10.0	.0	120.5	.0	203.3
350.	.0	118.0	-10.0	.0	120.5	.0	203.3
355.	.0	122.8	-10.0	.0	120.5	.0	203.3
360.	.0	127.6	-10.0	.0	120.5	.0	203.3

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POINTING AZIMUTH AND ELEVATION ANGLES

SATELLITE LONGITUDE	LONG DIFF	AZIMUTH	ELEV ANGLE	SATELLITE NAME
87.00	5.36	190.53	54.18	SES 2
88.00	6.36	192.46	53.99	
89.00	7.36	194.36	53.76	GALAXY 28
90.00	8.36	196.23	53.50	
91.00	9.36	198.09	53.21	GALAXY 17/NIMIQ 6
92.00	10.36	199.91	52.89	
93.00	11.36	201.71	52.54	
94.00	12.36	203.47	52.17	
95.00	13.36	205.20	51.76	GALAXY 3C/INTELSAT 31/30
96.00	14.36	206.89	51.33	
97.00	15.36	208.56	50.88	GALAXY 19/EHOSTAR 19
98.00	16.36	210.18	50.40	
99.00	17.36	211.77	49.89	GALAXY 16
100.00	18.36	213.32	49.37	
101.00	19.36	214.84	48.82	SES 1
102.00	20.36	216.32	48.26	
103.00	21.36	217.77	47.67	SES 3
104.00	22.36	219.18	47.07	
105.00	23.36	220.55	46.44	AMC 15/EHOSTAR 105/SES 11
106.00	24.36	221.89	45.80	
107.00	25.36	223.20	45.15	EHOSTAR 17/ANIK F1R/ANIK G1
108.00	26.36	224.47	44.48	
109.00	27.36	225.71	43.80	
110.00	28.36	226.92	43.10	EHOSTAR 10/11
111.00	29.36	228.10	42.39	ANIK F2
112.00	30.36	229.25	41.67	
113.00	31.36	230.37	40.94	EUTELSAT 113 WEST A
114.00	32.36	231.46	40.19	
115.00	33.36	232.52	39.44	EUTELSAT 115 WEST B/XM 4
116.00	34.36	233.56	38.68	
117.00	35.36	234.57	37.90	EUTELSAT 117 WEST A/WEST B
118.00	36.36	235.56	37.12	ANIK F3
119.00	37.36	236.53	36.34	EHOSTAR 14
120.00	38.36	237.47	35.54	