



SURE SHOT
TELEPRODUCTIONS, INC.

January 6, 2015

Good day:

We request a 60 day STA to be able to continue conducting uninterrupted business countrywide, with the exception of Alaska and Hawaii. This request is pursuant to pending underlying license SES-MOD-20141123-00870.

Thank you,

Beckie Donachie

Beckie Donachie
Director of Finance
Sure Shot Teleproductions, Inc.

Tele-Sci Solutions, LLC

P.O. Box 237

Augusta, NJ 07822-0237

Phone: 973-383-7845

Fax: 973-383-5625

Email: telesci@yahoo.com

TO: All Coordinators

January 06, 2015

**Re: Sure Shot Teleproductions
T/O Earth Station
Glendale, AZ (University of Phoenix Stadium)**

Dear Frequency Coordinator:

On behalf of Sure Shot Teleproductions, we are forwarding the attached frequency coordination request for a temporary transmit-only earth station to be located at the University of Phoenix Stadium at Glendale, AZ.

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) 6085;	Date of Operation
Partial Arc	70-144 deg	6185-6425	01/29/15 – 07/29/15

The earth station will be located at the southwest side of the stadium which is 199 feet in height. Northern and northeastern headings will be shielded by the stadium. Southeastern headings will be shielded by the fieldhouse which is 40 feet in height.

We would appreciate your reply either by telephone, mail, email or fax to the Tele-Sci Solutions 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

GLENDALE, AZ

33 31 33.8

112 15 42.7

POINTING AZIMUTH AND ELEVATION ANGLES

SATELLITE LONGITUDE	LONG DIFF	ELEV AZIMUTH	ANGLE	SATELLITE NAME
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70.00	-42.26	121.29	30.63	BRASILSAT B2
71.00	-41.26	122.19	31.40	
72.00	-40.26	123.11	32.16	AMC 6
73.00	-39.26	124.05	32.92	
74.00	-38.26	125.00	33.67	SBS 6
75.00	-37.26	125.98	34.41	
76.00	-36.26	126.98	35.15	COMSTAR 1&2
77.00	-35.26	128.00	35.87	
78.00	-34.26	129.04	36.59	ANC 5
79.00	-33.26	130.10	37.30	
80.00	-32.26	131.18	37.99	
81.00	-31.26	132.29	38.68	
82.00	-30.26	133.43	39.36	NIMIG 2
83.00	-29.26	134.59	40.02	AMC 9
84.00	-28.26	135.77	40.67	BRASILSAT B3
85.00	-27.26	136.99	41.31	XM 3
86.00	-26.26	138.22	41.93	
87.00	-25.26	139.49	42.55	AMC 3
88.00	-24.26	140.78	43.14	
89.00	-23.26	142.11	43.72	
90.00	-22.26	143.46	44.29	
91.00	-21.26	144.83	44.83	
92.00	-20.26	146.24	45.36	BRASILSAT B4
93.00	-19.26	147.68	45.87	INTELSAT 6
94.00	-18.26	149.14	46.36	
95.00	-17.26	150.64	46.83	
96.00	-16.26	152.16	47.28	
97.00	-15.26	153.71	47.71	INTELSAT 5
98.00	-14.26	155.29	48.11	
99.00	-13.26	156.89	48.49	GALAXY 4R
100.00	-12.26	158.52	48.85	
101.00	-11.26	160.17	49.18	
102.00	-10.26	161.85	49.49	
103.00	-9.26	163.55	49.77	AMC 1
104.00	-8.26	165.27	50.02	
105.00	-7.26	167.01	50.25	AMC 2
106.00	-6.26	168.76	50.45	
107.00	-5.26	170.53	50.62	ANIK F1
108.00	-4.26	172.32	50.76	
109.00	-3.26	174.11	50.87	
110.00	-2.26	175.91	50.95	EHOSTAR 6
111.00	-1.26	177.72	51.00	ANIK F2
112.00	-.26	179.53	51.03	
113.00	.74	181.34	51.02	SOLIDARIDAD 2
114.00	1.74	183.15	50.98	
115.00	2.74	184.95	50.91	
116.00	3.74	186.75	50.82	SATMEX 5
117.00	4.74	188.53	50.69	
118.00	5.74	190.31	50.54	
119.00	6.74	192.07	50.35	EHOSTAR 7

GLENDALE, AZ
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SATELLITE LONGITUDE	LONG DIFF	AZIMUTH	ELEV ANGLE	SATELLITE NAME
120.00	7.74	193.82	50.14	
121.00	8.74	195.55	49.90	ECHOSTAR 9
122.00	9.74	197.26	49.64	
123.00	10.74	198.95	49.35	GALAXY 10R
124.00	11.74	200.62	49.03	
125.00	12.74	202.26	48.68	GALAXY 12
126.00	13.74	203.88	48.31	
127.00	14.74	205.47	47.92	
128.00	15.74	207.03	47.51	
129.00	16.74	208.57	47.07	INTELSAT 7
130.00	17.74	210.08	46.61	
131.00	18.74	211.56	46.13	AMC 11
132.00	19.74	213.01	45.63	
133.00	20.74	214.43	45.11	GALAXY 1
134.00	21.74	215.83	44.57	
135.00	22.74	217.19	44.02	AMC 10
136.00	23.74	218.53	43.45	
137.00	24.74	219.84	42.86	AMC 7
138.00	25.74	221.12	42.26	
139.00	26.74	222.37	41.64	AMC 8
140.00	27.74	223.59	41.01	
141.00	28.74	224.79	40.36	
142.00	29.74	225.97	39.70	
143.00	30.74	227.11	39.03	
144.00	31.74	228.24	38.35	ECHOSTAR 1,2

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AZIMUTH	HORIZON	DISC	HORIZON	4GHZ COORD	6 GHZ	RAIN4	RAIN6
DEGREES	ANGLE	ANGLE	GAIN DBI	DISTANCE	DISTANCE	SCATTER	SCATTER
DEGREES	DEGREES	DEGREES		KM	KM	KM	KM
5.	.0	119.7	-10.0	.0	107.4	.0	127.2
10.	.0	115.0	-10.0	.0	107.4	.0	127.2
15.	.0	110.3	-10.0	.0	107.4	.0	127.2
20.	.1	105.6	-10.0	.0	107.4	.0	127.2
25.	.1	100.9	-10.0	.0	107.4	.0	127.2
30.	.1	96.2	-10.0	.0	107.4	.0	127.2
35.	.2	91.4	-10.0	.0	107.4	.0	127.2
40.	.2	86.7	-10.0	.0	107.4	.0	127.2
45.	.2	82.0	-10.0	.0	107.4	.0	127.2
50.	.2	77.4	-10.0	.0	107.4	.0	127.2
55.	.2	72.8	-10.0	.0	107.4	.0	127.2
60.	.2	68.3	-10.0	.0	107.4	.0	127.2
65.	.1	64.0	-10.0	.0	107.4	.0	127.2
70.	.1	59.6	-10.0	.0	107.4	.0	127.2
75.	.0	55.5	-10.0	.0	107.4	.0	127.2
80.	.0	51.4	-10.0	.0	107.4	.0	127.2
85.	.0	47.5	-9.9	.0	107.6	.0	127.2
90.	.0	43.8	-9.0	.0	110.4	.0	127.2
95.	.0	40.4	-8.2	.0	113.2	.0	127.2
100.	.0	37.3	-7.3	.0	116.0	.0	127.2
105.	.0	34.7	-6.5	.0	118.7	.0	127.2
110.	.0	32.6	-5.8	.0	121.0	.0	127.2
115.	.0	31.3	-5.4	.0	122.6	.0	127.2
120.	.0	30.7	-5.2	.0	123.4	.0	127.2
125.	.0	30.9	-5.2	.0	123.1	.0	127.2
130.	.0	31.8	-5.6	.0	121.9	.0	127.2
135.	.0	33.6	-6.1	.0	119.9	.0	127.2
140.	.0	35.9	-6.9	.0	117.5	.0	127.2
145.	.0	38.7	-7.7	.0	114.7	.0	127.2
150.	.0	41.9	-8.6	.0	111.9	.0	127.2
155.	.0	44.8	-9.3	.0	109.6	.0	127.2
160.	.0	47.2	-9.9	.0	107.8	.0	127.2
165.	.0	49.0	-10.0	.0	107.4	.0	127.2
170.	.0	50.2	-10.0	.0	107.4	.0	127.2
175.	.0	50.8	-10.0	.0	107.4	.0	127.2
180.	.0	51.0	-10.0	.0	107.4	.0	127.2
185.	.0	50.8	-10.0	.0	107.4	.0	127.2
190.	.0	50.2	-10.0	.0	107.4	.0	127.2
195.	.0	49.0	-10.0	.0	107.4	.0	127.2
200.	.0	47.2	-9.9	.0	107.8	.0	127.2
205.	.0	44.8	-9.3	.0	109.6	.0	127.2
210.	.0	42.5	-8.7	.0	111.4	.0	127.2
215.	.0	40.6	-8.2	.0	113.0	.0	127.2
220.	.0	39.2	-7.8	.0	114.2	.0	127.2
225.	.0	38.5	-7.6	.0	114.9	.0	127.2

TELE-SCI SOLUTIONS, LLC
 P.O. Box 237 Augusta, NJ 07822-0237 973-383-7845

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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
230.	.0	38.4	-7.6	.0	115.0	.0	127.2
235.	.0	38.9	-7.8	.0	114.5	.0	127.2
240.	.0	40.1	-8.1	.0	113.4	.0	127.2
245.	.0	41.9	-8.5	.0	111.9	.0	127.2
250.	.0	44.1	-9.1	.0	110.1	.0	127.2
255.	.0	46.8	-9.7	.0	108.1	.0	127.2
260.	.0	49.8	-10.0	.0	107.4	.0	127.2
265.	.0	53.1	-10.0	.0	107.4	.0	127.2
270.	.0	56.7	-10.0	.0	107.4	.0	127.2
275.	.0	60.5	-10.0	.0	107.4	.0	127.2
280.	.0	64.4	-10.0	.0	107.4	.0	127.2
285.	.0	68.5	-10.0	.0	107.4	.0	127.2
290.	.0	72.7	-10.0	.0	107.4	.0	127.2
295.	.0	77.0	-10.0	.0	107.4	.0	127.2
300.	.0	81.4	-10.0	.0	107.4	.0	127.2
305.	.0	85.8	-10.0	.0	107.4	.0	127.2
310.	.0	90.3	-10.0	.0	107.4	.0	127.2
315.	.0	94.9	-10.0	.0	107.4	.0	127.2
320.	.0	99.5	-10.0	.0	107.4	.0	127.2
325.	.0	104.1	-10.0	.0	107.4	.0	127.2
330.	.0	108.8	-10.0	.0	107.4	.0	127.2
335.	.0	113.4	-10.0	.0	107.4	.0	127.2
340.	.0	118.2	-10.0	.0	107.4	.0	127.2
345.	.0	122.9	-10.0	.0	107.4	.0	127.2
350.	.0	127.7	-10.0	.0	107.4	.0	127.2
355.	.0	132.4	-10.0	.0	107.4	.0	127.2
360.	.0	137.2	-10.0	.0	107.4	.0	127.2

TELE-SCI SOLUTIONS, LLC
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TEMPORARY SATELLITE EARTH STATION
FREQUENCY COORDINATION DATA
01/06/15

COMPANY NAME:	SURE SHOT TELEPRODUCTIONS
EARTH STATION LOCATION:	GLENDALE, AZ
LATITUDE (DMS):	33 31 33.8
LONGITUDE (DMS):	112 15 42.7
SITE GROUND ELEVATION (FT. AMSL):	1044.0
ANTENNA CENTER LINE (FT)	8.0
ANTENNA TYPE:	AVL
	2.4 METER
ANTENNA DIAMETER (METERS):	2.4
6 GHZ ANTENNA GAIN (DBI):	42.0
15 DB HALF BEAMWIDTH (DEG)	1.63
OPERATING MODE:	T/O
TRANSMIT BAND (MHZ):	6085; 6185-6425
EMISSION DESIGNATOR	18MOG1F
MODULATION:	DIGITAL
MAX. AVAILABLE RF POWER (DBW/4KHZ):	-12.53
(DBW/18MHZ) :	24.00
MAX. EIRP (DBW/4KHZ):	29.47
(DBW/18MHZ) :	66.00
6 GHZ 20% (DBW/4KHZ)	-154.0
6 GHZ 0.0025% (DBW/4KHZ)	-131.0
SATELLITE ARC (MIN/MAX)	70/144 DEG
AZIMUTH	121.3/228.2 DEG
ELEVATION	30.6/ 38.4 DEG
RADIO CLIMATE	A
RAIN ZONE	5
MAXIMUM GREAT CIRCLE COORDINATION DISTANCE (KM)	
6 GHZ	123.4
PRECIPITATION SCATTER CONTOUR RADIUS (KM)	
6 GHZ	127.2

TELE-SCI SOLUTIONS, LLC
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Satout Univeristy of Phoenix Glendale, AZ.txt
 COMTECH ANTENNA SYSTEMS INC.
 3100 COMMUNICATIONS RD.
 ST. CLOUD, FL. 34769
 (407) 892-6111

ANTENNA POINTING ANGLES FOR GLENDALE, AZ

EARTH STATION LATITUDE = 33 DEG. 31 MIN. 33.8 SEC. NORTH

EARTH STATION LONGITUDE = 112 DEG. 15 MIN. 42.7 SEC. WEST

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		TRUE				
SATELLITE & POS.		AZIMUTH	ELEVATION	HOURLANGLE	DECLINATION	ROLL
C5	139.00	222.36	41.63	30.39	-5.36	34.17
C1	137.00	219.83	42.85	28.14	-5.37	32.27
C4	135.00	217.19	44.01	25.89	-5.38	30.25
G1	133.00	214.43	45.10	23.63	-5.39	28.12
C3	131.00	211.55	46.12	21.36	-5.40	25.86
G5	125.00	202.25	48.67	14.55	-5.43	18.40
GS2	125.00	202.25	48.67	14.55	-5.43	18.40
SBS5	123.00	198.95	49.34	12.27	-5.43	15.70
G9	123.00	198.95	49.34	12.27	-5.43	15.70
T3	120.00	193.82	50.14	8.84	-5.44	11.48
M2	116.80	188.17	50.71	5.19	-5.45	6.81
SOL-2	113.00	181.33	51.01	0.84	-5.45	1.11
E1	111.10	177.89	51.00	-1.33	-5.45	-1.76
SOL-1	109.20	174.46	50.88	-3.51	-5.45	-4.61
E2	107.30	171.06	50.65	-5.68	-5.45	-7.44
GS4	105.00	167.00	50.24	-8.31	-5.44	-10.81
GS/GE1	103.00	163.55	49.76	-10.59	-5.44	-13.66
S4	101.00	160.17	49.17	-12.88	-5.43	-16.43
G4	99.00	156.89	48.48	-15.15	-5.43	-19.10
T401	97.00	153.70	47.70	-17.43	-5.42	-21.67
SBS2	97.00	153.70	47.70	-17.43	-5.42	-21.67
G3	95.00	150.63	46.82	-19.70	-5.41	-24.13
GS3	93.00	147.67	45.86	-21.97	-5.40	-26.47
G7	91.00	144.83	44.82	-24.23	-5.39	-28.70
T402	89.00	142.10	43.71	-26.49	-5.38	-30.80
S3	87.00	139.49	42.54	-28.74	-5.37	-32.79
GE-2	85.00	136.98	41.30	-30.99	-5.35	-34.66
K2	81.00	132.29	38.67	-35.46	-5.33	-38.08
SBS4	77.00	127.99	35.86	-39.90	-5.29	-41.07
D2/D4	76.00	126.97	35.14	-41.01	-5.29	-41.76
G6	74.00	125.00	33.66	-43.22	-5.27	-43.07
SBS-6	74.00	125.00	33.66	-43.22	-5.27	-43.07
SBS-3	71.00	122.19	31.39	-46.51	-5.24	-44.87
S2	69.00	120.40	29.85	-48.70	-5.22	-45.97
PAS-1	45.00	103.03	10.25	-74.26	-4.97	-54.31
PAS-3	43.00	101.81	8.58	-76.33	-4.95	-54.69

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