

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
KMHD-STA

1. Applicant


<b>Name:</b>	Sure Shot Teleproductions, Inc.	<b>Phone Number:</b>	330-542-0900
<b>DBA Name:</b>		<b>Fax Number:</b>	330-542-1020
<b>Street:</b>	P.O. Box 489 10314 Main Street	<b>E-Mail:</b>	bdonachie@sureshotsat.com
<b>City:</b>	New Middletown	<b>State:</b>	OH
<b>Country:</b>	USA	<b>Zipcode:</b>	44442 -0489
<b>Attention:</b>	Ms Beckie Donachie		

File # SES-STA-20150106-00001

Call Sign E900920 Grant Date 1-16-15  
(or other Identifier)

Term Dates From 1-16-15 To 3-16-15

Approved: Paul E. Blair




GRANTED  
International Bureau

Applicant: Sure Shot Teleproductions, Inc.  
Call Sign: E900920  
File No.: SES-STA-20150106-00001

Sure Shot Teleproductions, Inc is granted special temporary authority (STA), for 60 days, beginning January 16, 2015, to provide digital video and audio transmission, associated with SNG, event coverage and broadcast programming services at CONUS, with the exception Alaska, and Hawaii, under the following conditions:

1. Sure Shot Teleproductions will perform the operations in the uplink frequencies (Earth-to-space): 5925.0 – 6425.0 MHz (HVCP), within coordinated emission and power limits. The maximum EIRP shall not exceed 26.46 DBW/4KHz for the Orlando location as it communicates with the Galaxy 3C; and 29.47 dBW/4KHz for the Phoenix, AZ location as it communicates with AMC-1 satellite.
2. All operations shall be on an unprotected and non-harmful interference basis, Sure Shot Teleproductions, Inc., E900920, 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.
3. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.

This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. §0.261, and is effective immediately.

 <b>GRANTED</b> International Bureau	File No. <u>SES-STA-20150106-00001</u>	
	Call Sign <u>E 900920</u> (or other identifier)	Grant Date <u>1-16-15</u>
	From <u>1-16-15</u>	Term Dates To: <u>3-16-15</u>
	Approver: <u>Paul E. Blair</u>	

<b>2. Contact</b>	
<b>Name:</b> Beckie Donachie	<b>Phone Number:</b> 330-542-0900
<b>Company:</b> Sure Shot Teleproductions, Inc.	<b>Fax Number:</b> 330-542-1020
<b>Street:</b> 10314 Main Street P.O. Box 489	<b>E-Mail:</b> bdonachie@sureshotsat.com
<b>City:</b> New Middletown	<b>State:</b> OH
<b>Country:</b> USA	<b>Zipcode:</b> 44442
<b>Attention:</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 SESMOD2014112300870 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 CGX - Fixed Satellite Transmit/Receive Earth Station	
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 01/19/2015	
7. City ORLANDO	
8. Latitude (dd mm ss.s h) 0 0 0.0	

9. State	FL
10. Longitude (dd mm ss.s h)	0 0 0.0
11. Please supply any need attachments.	Attachment 1: C-Band Coordination      Attachment 2: C-Band Coord Part 2      Attachment 3: C-Band Coord Part 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.)	Request to grant Special Temporary Authorization of call sign E900920 to continue to conduct business without interruption while File No
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"; party to the application; for these purposes.	Yes <input checked="" type="radio"/> No <input type="radio"/>
14. Name of Person Signing	Beckie Donachie
15. Title of Person Signing	Director of Finance
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).	

**FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT**

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to [PRA@fcc.gov](mailto:PRA@fcc.gov). PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember - You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

**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.**

ORLANDO, FL  
 28 25 49.9  
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POINTING AZIMUTH AND ELEVATION ANGLES

SATELLITE LONGITUDE	LONG DIFF	AZIMUTH	ELEV ANGLE	SATELLITE NAME
70.00	-11.46	156.93	54.50	BRASILSAT B2
71.00	-10.46	158.80	54.87	
72.00	-9.46	160.70	55.22	AMC 6
73.00	-8.46	162.64	55.54	
74.00	-7.46	164.61	55.82	SBS 6
75.00	-6.46	166.61	56.07	
76.00	-5.46	168.64	56.29	COMSTAR 1&2
77.00	-4.46	170.69	56.47	
78.00	-3.46	172.75	56.61	ANC 5
79.00	-2.46	174.84	56.72	
80.00	-1.46	176.93	56.79	
81.00	-.46	179.03	56.83	
82.00	.54	181.13	56.83	NIMIG 2
83.00	1.54	183.22	56.79	AMC 9
84.00	2.54	185.32	56.71	BRASILSAT B3
85.00	3.54	187.40	56.60	XM 3
86.00	4.54	189.46	56.46	
87.00	5.54	191.51	56.27	AMC 3
88.00	6.54	193.53	56.05	
89.00	7.54	195.53	55.80	
90.00	8.54	197.50	55.52	
91.00	9.54	199.44	55.20	
92.00	10.54	201.34	54.85	BRASILSAT B4
93.00	11.54	203.21	54.47	INTELSAT 6
94.00	12.54	205.03	54.06	
95.00	13.54	206.82	53.62	
96.00	14.54	208.57	53.15	
97.00	15.54	210.28	52.66	INTELSAT 5
98.00	16.54	211.95	52.15	
99.00	17.54	213.57	51.61	GALAXY 4R
100.00	18.54	215.16	51.04	
101.00	19.54	216.70	50.46	
102.00	20.54	218.20	49.85	
103.00	21.54	219.66	49.23	AMC 1
104.00	22.54	221.07	48.59	
105.00	23.54	222.45	47.92	AMC 2
106.00	24.54	223.80	47.25	
107.00	25.54	225.10	46.56	ANIK F1
108.00	26.54	226.37	45.85	
109.00	27.54	227.60	45.13	
110.00	28.54	228.80	44.39	EHOSTAR 6
111.00	29.54	229.96	43.65	ANIK F2
112.00	30.54	231.09	42.89	
113.00	31.54	232.20	42.12	SOLIDARIDAD 2
114.00	32.54	233.27	41.34	
115.00	33.54	234.31	40.55	
116.00	34.54	235.33	39.76	SATMEX 5
117.00	35.54	236.31	38.95	
118.00	36.54	237.28	38.14	
119.00	37.54	238.22	37.32	EHOSTAR 7

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POINTING AZIMUTH AND ELEVATION ANGLES

SATELLITE LONGITUDE	LONG DIFF	AZIMUTH	ELEV ANGLE	SATELLITE NAME
120.00	38.54	239.13	36.49	
121.00	39.54	240.02	35.66	EHOSTAR 9
122.00	40.54	240.89	34.82	
123.00	41.54	241.74	33.98	GALAXY 10R
124.00	42.54	242.58	33.13	
125.00	43.54	243.39	32.27	GALAXY 12
126.00	44.54	244.18	31.42	
127.00	45.54	244.96	30.55	
128.00	46.54	245.71	29.69	
129.00	47.54	246.46	28.82	INTELSAT 7
130.00	48.54	247.18	27.95	
131.00	49.54	247.90	27.08	AMC 11
132.00	50.54	248.60	26.20	
133.00	51.54	249.28	25.32	GALAXY 1
134.00	52.54	249.96	24.44	
135.00	53.54	250.62	23.56	AMC 10
136.00	54.54	251.27	22.67	
137.00	55.54	251.90	21.79	AMC 7
138.00	56.54	252.53	20.90	
139.00	57.54	253.15	20.01	AMC 8
140.00	58.54	253.76	19.12	
141.00	59.54	254.36	18.24	
142.00	60.54	254.95	17.35	
143.00	61.54	255.53	16.46	
144.00	62.54	256.10	15.57	EHOSTAR 1,2

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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.	.2	161.2	-10.0	.0	120.5	.0	208.4
10.	.2	156.5	-10.0	.0	120.5	.0	208.4
15.	.2	151.8	-10.0	.0	120.5	.0	208.4
20.	.2	147.2	-10.0	.0	120.5	.0	208.4
25.	.4	142.3	-10.0	.0	120.5	.0	208.4
30.	.4	137.7	-10.0	.0	120.5	.0	208.4
35.	3.4	130.2	-10.0	.0	120.5	.0	208.4
40.	3.8	125.2	-10.0	.0	120.5	.0	208.4
45.	4.7	119.8	-10.0	.0	120.5	.0	208.4
50.	5.5	114.5	-10.0	.0	120.5	.0	208.4
55.	5.5	110.1	-10.0	.0	120.5	.0	208.4
60.	5.9	105.3	-10.0	.0	120.5	.0	208.4
65.	5.9	101.0	-10.0	.0	120.5	.0	208.4
70.	6.4	96.2	-10.0	.0	120.5	.0	208.4
75.	6.6	91.8	-10.0	.0	120.5	.0	208.4
80.	6.8	87.5	-10.0	.0	120.5	.0	208.4
85.	6.8	83.4	-10.0	.0	120.5	.0	208.4
90.	6.8	79.5	-10.0	.0	120.5	.0	208.4
95.	6.8	75.7	-10.0	.0	120.5	.0	208.4
100.	6.8	72.0	-10.0	.0	120.5	.0	208.4
105.	6.4	68.9	-10.0	.0	120.5	.0	208.4
110.	6.4	65.5	-10.0	.0	120.5	.0	208.4
115.	6.2	62.6	-10.0	.0	120.5	.0	208.4
120.	5.2	60.6	-10.0	.0	120.5	.0	208.4
125.	5.2	58.0	-10.0	.0	120.5	.0	208.4
130.	4.1	56.7	-10.0	.0	120.5	.0	208.4
135.	4.1	54.6	-10.0	.0	120.5	.0	208.4
140.	1.0	56.1	-10.0	.0	120.5	.0	208.4
145.	1.0	54.8	-10.0	.0	120.5	.0	208.4
150.	.5	54.4	-10.0	.0	120.5	.0	208.4
155.	.5	54.0	-10.0	.0	120.5	.0	208.4
160.	.5	54.1	-10.0	.0	120.5	.0	208.4
165.	.2	54.9	-10.0	.0	120.5	.0	208.4
170.	.2	55.8	-10.0	.0	120.5	.0	208.4
175.	.2	56.4	-10.0	.0	120.5	.0	208.4
180.	.1	56.7	-10.0	.0	120.5	.0	208.4
185.	.1	56.5	-10.0	.0	120.5	.0	208.4
190.	.0	56.0	-10.0	.0	120.5	.0	208.4
195.	.0	54.8	-10.0	.0	120.5	.0	208.4
200.	.0	52.9	-10.0	.0	120.5	.0	208.4
205.	.0	50.0	-10.0	.0	120.5	.0	208.4
210.	.0	46.4	-9.7	.0	121.6	.0	208.4

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
215.	.0	42.6	-8.7	.0	124.9	.0	208.4
220.	.0	38.6	-7.7	.0	128.8	.0	208.4
225.	.0	34.5	-6.5	.0	133.4	.0	208.4
230.	.0	30.4	-5.1	.0	138.9	.0	208.4
235.	.1	26.1	-3.4	.0	145.6	.0	208.4
240.	.1	22.3	-1.7	.0	153.0	.0	208.4
245.	.1	19.0	.0	.0	160.8	.0	208.4
250.	.3	16.4	1.6	.0	168.3	.0	208.4
255.	.3	15.3	2.4	.0	172.1	.0	208.4
260.	.3	15.7	2.1	.0	170.5	.0	208.4
265.	.3	17.6	.8	.0	164.6	.0	208.4
270.	.3	20.6	-.8	.0	156.9	.0	208.4
275.	.5	24.0	-2.5	.0	149.5	.0	208.4
280.	.5	28.0	-4.2	.0	142.4	.0	208.4
285.	.5	32.3	-5.7	.0	136.2	.0	208.4
290.	.5	36.8	-7.1	.0	130.8	.0	208.4
295.	.5	41.4	-8.4	.0	126.1	.0	208.4
300.	.5	46.1	-9.6	.0	121.9	.0	208.4
305.	.3	51.0	-10.0	.0	120.5	.0	208.4
310.	.3	55.8	-10.0	.0	120.5	.0	208.4
315.	.3	60.6	-10.0	.0	120.5	.0	208.4
320.	.3	65.5	-10.0	.0	120.5	.0	208.4
325.	.3	70.3	-10.0	.0	120.5	.0	208.4
330.	.3	75.2	-10.0	.0	120.5	.0	208.4
335.	.1	80.3	-10.0	.0	120.5	.0	208.4
340.	.1	85.2	-10.0	.0	120.5	.0	208.4
345.	.1	90.2	-10.0	.0	120.5	.0	208.4
350.	.1	95.1	-10.0	.0	120.5	.0	208.4
355.	.1	100.0	-10.0	.0	120.5	.0	208.4
360.	.1	105.0	-10.0	.0	120.5	.0	208.4

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

TEMPORARY SATELLITE EARTH STATION  
FREQUENCY COORDINATION DATA  
12/29/14

COMPANY NAME: SURE SHOT TELEPRODUCTIONS  
EARTH STATION LOCATION: ORLANDO, FL  
LATITUDE (DMS): 28 25 49.9  
LONGITUDE (DMS): 81 27 50.9  
SITE GROUND ELEVATION (FT. AMSL): 103.0  
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): 6025-6165;6305-6425  
EMISSION DESIGNATOR 36MOG1F  
MODULATION: DIGITAL  
MAX. AVAILABLE RF POWER (DBW/4KHZ): -15.54  
(DBW/36MHZ) : 24.00  
MAX. EIRP (DBW/4KHZ): 26.46  
(DBW/36MHZ) : 66.00  
MAX. PERMISSIBLE INTERFERENCE POWER  
6 GHZ 20% (DBW/4KHZ) -154.0  
6 GHZ 0.0025% (DBW/4KHZ) -131.0  
SATELLITE ARC (MIN/MAX) 70/144 DEG  
AZIMUTH 156.9/256.1 DEG  
ELEVATION 54.5/ 15.6 DEG  
RADIO CLIMATE A  
RAIN ZONE 1  
MAXIMUM GREAT CIRCLE COORDINATION DISTANCE (KM)  
6 GHZ 172.1  
PRECIPITATION SCATTER CONTOUR RADIUS (KM)  
6 GHZ 208.4  
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70.00	-11.46	156.93	54.50	BRASILSAT B2
71.00	-10.46	158.80	54.87	
72.00	-9.46	160.70	55.22	AMC 6
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75.00	-6.46	166.61	56.07	
76.00	-5.46	168.64	56.29	COMSTAR 1&2
77.00	-4.46	170.69	56.47	
78.00	-3.46	172.75	56.61	ANC 5
79.00	-2.46	174.84	56.72	
80.00	-1.46	176.93	56.79	
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84.00	2.54	185.32	56.71	BRASILSAT B3
85.00	3.54	187.40	56.60	XM 3
86.00	4.54	189.46	56.46	
87.00	5.54	191.51	56.27	AMC 3
88.00	6.54	193.53	56.05	
89.00	7.54	195.53	55.80	
90.00	8.54	197.50	55.52	
91.00	9.54	199.44	55.20	
92.00	10.54	201.34	54.85	BRASILSAT B4
93.00	11.54	203.21	54.47	INTELSAT 6
94.00	12.54	205.03	54.06	
95.00	13.54	206.82	53.62	
96.00	14.54	208.57	53.15	
97.00	15.54	210.28	52.66	INTELSAT 5
98.00	16.54	211.95	52.15	
99.00	17.54	213.57	51.61	GALAXY 4R
100.00	18.54	215.16	51.04	
101.00	19.54	216.70	50.46	
102.00	20.54	218.20	49.85	
103.00	21.54	219.66	49.23	AMC 1
104.00	22.54	221.07	48.59	
105.00	23.54	222.45	47.92	AMC 2
106.00	24.54	223.80	47.25	
107.00	25.54	225.10	46.56	ANIK F1
108.00	26.54	226.37	45.85	
109.00	27.54	227.60	45.13	
110.00	28.54	228.80	44.39	EHOSTAR 6
111.00	29.54	229.96	43.65	ANIK F2
112.00	30.54	231.09	42.89	
113.00	31.54	232.20	42.12	SOLIDARIDAD 2
114.00	32.54	233.27	41.34	
115.00	33.54	234.31	40.55	
116.00	34.54	235.33	39.76	SATMEX 5
117.00	35.54	236.31	38.95	
118.00	36.54	237.28	38.14	
119.00	37.54	238.22	37.32	EHOSTAR 7

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SATELLITE LONGITUDE	LONG DIFF	AZIMUTH	ELEV ANGLE	SATELLITE NAME
120.00	38.54	239.13	36.49	
121.00	39.54	240.02	35.66	EHOSTAR 9
122.00	40.54	240.89	34.82	
123.00	41.54	241.74	33.98	GALAXY 10R
124.00	42.54	242.58	33.13	
125.00	43.54	243.39	32.27	GALAXY 12
126.00	44.54	244.18	31.42	
127.00	45.54	244.96	30.55	
128.00	46.54	245.71	29.69	
129.00	47.54	246.46	28.82	INTELSAT 7
130.00	48.54	247.18	27.95	
131.00	49.54	247.90	27.08	AMC 11
132.00	50.54	248.60	26.20	
133.00	51.54	249.28	25.32	GALAXY 1
134.00	52.54	249.96	24.44	
135.00	53.54	250.62	23.56	AMC 10
136.00	54.54	251.27	22.67	
137.00	55.54	251.90	21.79	AMC 7
138.00	56.54	252.53	20.90	
139.00	57.54	253.15	20.01	AMC 8
140.00	58.54	253.76	19.12	
141.00	59.54	254.36	18.24	
142.00	60.54	254.95	17.35	
143.00	61.54	255.53	16.46	
144.00	62.54	256.10	15.57	EHOSTAR 1,2

ORLANDO, FL  
 28 25 49.9  
 81 27 50.9

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.	.2	161.2	-10.0	.0	120.5	.0	208.4
10.	.2	156.5	-10.0	.0	120.5	.0	208.4
15.	.2	151.8	-10.0	.0	120.5	.0	208.4
20.	.2	147.2	-10.0	.0	120.5	.0	208.4
25.	.4	142.3	-10.0	.0	120.5	.0	208.4
30.	.4	137.7	-10.0	.0	120.5	.0	208.4
35.	3.4	130.2	-10.0	.0	120.5	.0	208.4
40.	3.8	125.2	-10.0	.0	120.5	.0	208.4
45.	4.7	119.8	-10.0	.0	120.5	.0	208.4
50.	5.5	114.5	-10.0	.0	120.5	.0	208.4
55.	5.5	110.1	-10.0	.0	120.5	.0	208.4
60.	5.9	105.3	-10.0	.0	120.5	.0	208.4
65.	5.9	101.0	-10.0	.0	120.5	.0	208.4
70.	6.4	96.2	-10.0	.0	120.5	.0	208.4
75.	6.6	91.8	-10.0	.0	120.5	.0	208.4
80.	6.8	87.5	-10.0	.0	120.5	.0	208.4
85.	6.8	83.4	-10.0	.0	120.5	.0	208.4
90.	6.8	79.5	-10.0	.0	120.5	.0	208.4
95.	6.8	75.7	-10.0	.0	120.5	.0	208.4
100.	6.8	72.0	-10.0	.0	120.5	.0	208.4
105.	6.4	68.9	-10.0	.0	120.5	.0	208.4
110.	6.4	65.5	-10.0	.0	120.5	.0	208.4
115.	6.2	62.6	-10.0	.0	120.5	.0	208.4
120.	5.2	60.6	-10.0	.0	120.5	.0	208.4
125.	5.2	58.0	-10.0	.0	120.5	.0	208.4
130.	4.1	56.7	-10.0	.0	120.5	.0	208.4
135.	4.1	54.6	-10.0	.0	120.5	.0	208.4
140.	1.0	56.1	-10.0	.0	120.5	.0	208.4
145.	1.0	54.8	-10.0	.0	120.5	.0	208.4
150.	.5	54.4	-10.0	.0	120.5	.0	208.4
155.	.5	54.0	-10.0	.0	120.5	.0	208.4
160.	.5	54.1	-10.0	.0	120.5	.0	208.4
165.	.2	54.9	-10.0	.0	120.5	.0	208.4
170.	.2	55.8	-10.0	.0	120.5	.0	208.4
175.	.2	56.4	-10.0	.0	120.5	.0	208.4
180.	.1	56.7	-10.0	.0	120.5	.0	208.4
185.	.1	56.5	-10.0	.0	120.5	.0	208.4
190.	.0	56.0	-10.0	.0	120.5	.0	208.4
195.	.0	54.8	-10.0	.0	120.5	.0	208.4
200.	.0	52.9	-10.0	.0	120.5	.0	208.4
205.	.0	50.0	-10.0	.0	120.5	.0	208.4
210.	.0	46.4	-9.7	.0	121.6	.0	208.4

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

ORLANDO, FL  
 28 25 49.9  
 81 27 50.9

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
215.	.0	42.6	-8.7	.0	124.9	.0	208.4
220.	.0	38.6	-7.7	.0	128.8	.0	208.4
225.	.0	34.5	-6.5	.0	133.4	.0	208.4
230.	.0	30.4	-5.1	.0	138.9	.0	208.4
235.	.1	26.1	-3.4	.0	145.6	.0	208.4
240.	.1	22.3	-1.7	.0	153.0	.0	208.4
245.	.1	19.0	.0	.0	160.8	.0	208.4
250.	.3	16.4	1.6	.0	168.3	.0	208.4
255.	.3	15.3	2.4	.0	172.1	.0	208.4
260.	.3	15.7	2.1	.0	170.5	.0	208.4
265.	.3	17.6	.8	.0	164.6	.0	208.4
270.	.3	20.6	-.8	.0	156.9	.0	208.4
275.	.5	24.0	-2.5	.0	149.5	.0	208.4
280.	.5	28.0	-4.2	.0	142.4	.0	208.4
285.	.5	32.3	-5.7	.0	136.2	.0	208.4
290.	.5	36.8	-7.1	.0	130.8	.0	208.4
295.	.5	41.4	-8.4	.0	126.1	.0	208.4
300.	.5	46.1	-9.6	.0	121.9	.0	208.4
305.	.3	51.0	-10.0	.0	120.5	.0	208.4
310.	.3	55.8	-10.0	.0	120.5	.0	208.4
315.	.3	60.6	-10.0	.0	120.5	.0	208.4
320.	.3	65.5	-10.0	.0	120.5	.0	208.4
325.	.3	70.3	-10.0	.0	120.5	.0	208.4
330.	.3	75.2	-10.0	.0	120.5	.0	208.4
335.	.1	80.3	-10.0	.0	120.5	.0	208.4
340.	.1	85.2	-10.0	.0	120.5	.0	208.4
345.	.1	90.2	-10.0	.0	120.5	.0	208.4
350.	.1	95.1	-10.0	.0	120.5	.0	208.4
355.	.1	100.0	-10.0	.0	120.5	.0	208.4
360.	.1	105.0	-10.0	.0	120.5	.0	208.4

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

TEMPORARY SATELLITE EARTH STATION  
FREQUENCY COORDINATION DATA  
12/29/14

COMPANY NAME: SURE SHOT TELEPRODUCTIONS  
EARTH STATION LOCATION: ORLANDO, FL  
LATITUDE (DMS): 28 25 49.9  
LONGITUDE (DMS): 81 27 50.9  
SITE GROUND ELEVATION (FT. AMSL): 103.0  
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): 6025-6165;6305-6425  
EMISSION DESIGNATOR 36MOG1F  
MODULATION: DIGITAL  
MAX. AVAILABLE RF POWER (DBW/4KHZ): -15.54  
(DBW/36MHZ) : 24.00  
MAX. EIRP (DBW/4KHZ): 26.46  
(DBW/36MHZ) : 66.00  
MAX. PERMISSIBLE INTERFERENCE POWER  
6 GHZ 20% (DBW/4KHZ) -154.0  
6 GHZ 0.0025% (DBW/4KHZ) -131.0  
SATELLITE ARC (MIN/MAX) 70/144 DEG  
AZIMUTH 156.9/256.1 DEG  
ELEVATION 54.5/ 15.6 DEG  
RADIO CLIMATE A  
RAIN ZONE 1  
MAXIMUM GREAT CIRCLE COORDINATION DISTANCE (KM)  
6 GHZ 172.1  
PRECIPITATION SCATTER CONTOUR RADIUS (KM)  
6 GHZ 208.4  
TELE-SCI SOLUTIONS, LLC  
P.O. Box 237 Augusta, NJ 07822-0237 973-383-7845\_

Satout Orange County Convention Center Orlando, FL.txt  
 COMTECH ANTENNA SYSTEMS INC.  
 3100 COMMUNICATIONS RD.  
 ST. CLOUD, FL. 34769  
 (407) 892-6111

ANTENNA POINTING ANGLES FOR ORLANDO, FL

EARTH STATION LATITUDE = 28 DEG. 25 MIN. 49.9 SEC. NORTH

EARTH STATION LONGITUDE = 81 DEG. 27 MIN. 50.9 SEC. WEST

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SATELLITE & POS.		TRUE AZIMUTH	ELEVATION	HOURLANGLE	DECLINATION	ROLL
C5	139.00	253.14	20.00	64.43	-4.40	57.31
C1	137.00	251.90	21.78	62.30	-4.42	56.70
C4	135.00	250.61	23.55	60.16	-4.43	56.05
G1	133.00	249.28	25.31	58.01	-4.45	55.33
C3	131.00	247.89	27.07	55.85	-4.47	54.56
G5	125.00	243.38	32.27	49.32	-4.53	51.83
GS2	125.00	243.38	32.27	49.32	-4.53	51.83
SBS5	123.00	241.74	33.97	47.13	-4.54	50.76
G9	123.00	241.74	33.97	47.13	-4.54	50.76
T3	120.00	239.13	36.48	43.81	-4.57	49.00
M2	116.80	236.11	39.10	40.26	-4.59	46.89
SOL-2	113.00	232.19	42.11	36.02	-4.62	44.01
E1	111.10	230.07	43.56	33.88	-4.63	42.40
SOL-1	109.20	227.84	44.97	31.74	-4.65	40.68
E2	107.30	225.48	46.34	29.60	-4.66	38.83
GS4	105.00	222.45	47.92	26.99	-4.67	36.41
GS/GE1	103.00	219.65	49.22	24.72	-4.68	34.13
S4	101.00	216.69	50.45	22.44	-4.69	31.70
G4	99.00	213.57	51.60	20.16	-4.70	29.09
T401	97.00	210.28	52.65	17.87	-4.71	26.32
SBS2	97.00	210.28	52.65	17.87	-4.71	26.32
G3	95.00	206.82	53.61	15.58	-4.72	23.37
GS3	93.00	203.20	54.46	13.28	-4.72	20.27
G7	91.00	199.43	55.19	10.98	-4.73	17.01
T402	89.00	195.52	55.79	8.68	-4.73	13.61
S3	87.00	191.50	56.26	6.38	-4.74	10.10
GE-2	85.00	187.39	56.60	4.07	-4.74	6.49
K2	81.00	179.02	56.82	-0.54	-4.74	-0.86
SBS4	77.00	170.68	56.46	-5.15	-4.74	-8.19
D2/D4	76.00	168.63	56.28	-6.30	-4.74	-9.98
G6	74.00	164.61	55.81	-8.61	-4.73	-13.50
SBS-6	74.00	164.61	55.81	-8.61	-4.73	-13.50
SBS-3	71.00	158.79	54.87	-12.06	-4.73	-18.55
S2	69.00	155.09	54.08	-14.36	-4.72	-21.74
PAS-1	45.00	122.79	38.19	-41.53	-4.58	-47.67
PAS-3	43.00	120.93	36.54	-43.74	-4.57	-48.97

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# 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:

<b>Satellite/ Transponder</b>	<b>Arc Position</b>	<b>Frequency (MHZ)</b>	<b>Date of Operation</b>
<b>Partial Arc</b>	<b>70-144 deg</b>	<b>6085; 6185-6425</b>	<b>01/29/15 – 07/29/15</b>

**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
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  
33 31 33.8  
112 15 42.7

POINTING AZIMUTH AND ELEVATION ANGLES

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		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  
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GLENDALE, AZ  
 33 31 33.8  
 112 15 42.7

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  
 P.O. Box 237 Augusta, NJ 07822-0237 973-383-7845

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	
P.O. Box 237 Augusta, NJ 07822-0237 973-383-7845	

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

SATELLITE & POS.		TRUE 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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