

Subject: Station Summary – HamSCI: Solar Eclipse QSO Party
 Operator Name: Guy DeMartinis
 Call Sign: AC1BJ
 Grid Square: FN42km
 Location Details: Reading, Massachusetts, USA
 Summary Date: August 26, 2017

AC1BJ WSPR Station & SEQP Operation Summary:

- Station Operated Before/During/After SEQP Specified Operating Time Period
- Mode Operated: WSPR (Autonomous)
- Band: 20 Meters
- Station Description:
 - Electronics - Raspberry Pi 3 B+ with TAPR WSPR Board (20 m)
 - TAPR Specified Transmit Power: +20 dBm (100 mW)
 - Tx Interval – All Available WSPR Tx Times (~Continuously)
 - Antenna: Random Wire Cut to $\sim\lambda/4$ at Center of 20 m Band (Expect Poor ERP)
 - Station and Antenna Operated In-Doors with Antenna Draped Over Window Frame
 - WSPR Station Operated as Transmit-Only (No Receive Capability)
- Ground Conductivity: 2 millimhos (as per Figure R3 of 47 CFR 73.190)
- WSPR Spots of AC1BJ During 8/20-8/21/2017 Included in Table I (Ref. www.wsprnet.org)

Table I: SEQP Spots of AC1BJ 20 m on WSPR Mode 8/20 – 8/21/2017

106 spots:

Timestamp	Call	MHz	SNR	Drift	Grid	Pwr	Reporter	RGrid	km	az
2017-08-20 22:30	AC1BJ	14.097089	-19	-3	FN42	0.1	K9AN	EN50wc	1449	265
2017-08-20 22:30	AC1BJ	14.097084	-24	-3	FN42	0.1	WX9RR	EN62af	1388	275
2017-08-20 22:32	AC1BJ	14.097091	-25	-2	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-20 22:36	AC1BJ	14.097088	-21	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-20 22:36	AC1BJ	14.097084	-22	0	FN42	0.1	K9AN	EN50wc	1449	265
2017-08-20 22:42	AC1BJ	14.097120	-18	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-20 22:46	AC1BJ	14.097117	-17	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-20 22:52	AC1BJ	14.097126	-23	0	FN42	0.1	W3ATR	EL87sk	1966	215
2017-08-20 23:04	AC1BJ	14.097118	-18	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-20 23:08	AC1BJ	14.097120	-22	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-20 23:14	AC1BJ	14.097119	-20	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-20 23:20	AC1BJ	14.097137	-23	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-20 23:30	AC1BJ	14.097145	-28	0	FN42	0.1	W1BUR	FN42ki	15	206

2017-08-20 23:38	AC1BJ	14.097138	-27	0	FN42	0.1	VE6JY	DO33or	3285	307
2017-08-20 23:42	AC1BJ	14.097131	-26	1	FN42	0.1	KC3CNT	EM94ae	1323	229
2017-08-20 23:42	AC1BJ	14.097138	-25	0	FN42	0.1	VE6JY	DO33or	3285	307
2017-08-21 00:00	AC1BJ	14.097113	-11	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-21 00:02	AC1BJ	14.097113	-16	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-21 00:04	AC1BJ	14.097109	-26	0	FN42	0.1	KE7A	EM12kx	2512	254
2017-08-21 00:04	AC1BJ	14.097113	-16	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-21 00:04	AC1BJ	14.097108	-15	0	FN42	0.1	K5XL	EM12kp	2532	253
2017-08-21 00:06	AC1BJ	14.097109	-21	0	FN42	0.1	KE7A	EM12kx	2512	254
2017-08-21 00:08	AC1BJ	14.097110	-20	0	FN42	0.1	KE7A	EM12kx	2512	254
2017-08-21 00:12	AC1BJ	14.097113	-15	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-21 00:14	AC1BJ	14.097113	-12	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-21 00:16	AC1BJ	14.097113	-18	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-21 00:20	AC1BJ	14.097113	-20	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-21 00:22	AC1BJ	14.097113	-19	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-21 00:24	AC1BJ	14.097114	-16	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-21 00:26	AC1BJ	14.097117	-25	0	FN42	0.1	KE8GTV	EN82fe	1027	272
2017-08-21 00:34	AC1BJ	14.097113	-25	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-21 00:36	AC1BJ	14.097113	-21	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-21 00:42	AC1BJ	14.097112	-24	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-21 00:46	AC1BJ	14.097112	-22	0	FN42	0.1	W4MO	EL86ux	2003	214
2017-08-21 01:56	AC1BJ	14.097086	-30	0	FN42	0.1	KC1DKY	FN42jn	17	304
2017-08-21 02:32	AC1BJ	14.097086	-30	0	FN42	0.1	KC1DKY	FN42jn	17	304
2017-08-21 03:12	AC1BJ	14.097095	-29	0	FN42	0.1	KC1DKY	FN42jn	17	304
2017-08-21 03:20	AC1BJ	14.097096	-28	0	FN42	0.1	KC1DKY	FN42jn	17	304
2017-08-21 03:50	AC1BJ	14.097101	-29	0	FN42	0.1	KC1DKY	FN42jn	17	304
2017-08-21 08:20	AC1BJ	14.097119	-29	0	FN42	0.1	KC1DKY	FN42jn	17	304
2017-08-21 08:24	AC1BJ	14.097119	-28	0	FN42	0.1	KC1DKY	FN42jn	17	304
2017-08-21 08:30	AC1BJ	14.097119	-28	0	FN42	0.1	KC1DKY	FN42jn	17	304
2017-08-21 08:56	AC1BJ	14.097119	-28	0	FN42	0.1	KC1DKY	FN42jn	17	304
2017-08-21 09:10	AC1BJ	14.097110	-29	0	FN42	0.1	W1BUR	FN42ki	15	206
2017-08-21 09:44	AC1BJ	14.097116	-28	0	FN42	0.1	KC1DKY	FN42jn	17	304
2017-08-21 09:50	AC1BJ	14.097109	-30	0	FN42	0.1	W1BUR	FN42ki	15	206
2017-08-21 09:56	AC1BJ	14.097116	-29	0	FN42	0.1	KC1DKY	FN42jn	17	304
2017-08-21 11:04	AC1BJ	14.097106	-29	0	FN42	0.1	KC1DKY	FN42jn	17	304
2017-08-21 11:24	AC1BJ	14.097086	-26	0	FN42	0.1	K4COD	EM73sc	1570	233
2017-08-21 11:26	AC1BJ	14.097087	-23	0	FN42	0.1	K4COD	EM73sc	1570	233
2017-08-21 11:28	AC1BJ	14.097114	-21	0	FN42	0.1	WE2S	EM95mn	1150	231
2017-08-21 12:12	AC1BJ	14.097080	-10	0	FN42	0.1	K9AN	EN50wc	1449	265

2017-08-21 12:20	AC1BJ	14.097060	-22	0	FN42	0.1	KD6RF	EM22	2380	250
2017-08-21 12:20	AC1BJ	14.097080	-23	0	FN42	0.1	K9AN	EN50wc	1449	265
2017-08-21 12:22	AC1BJ	14.097082	-19	0	FN42	0.1	KE7A	EM12kx	2512	254
2017-08-21 12:22	AC1BJ	14.097080	-19	0	FN42	0.1	K5XL	EM12kp	2532	253
2017-08-21 12:22	AC1BJ	14.097060	-21	0	FN42	0.1	KD6RF	EM22	2380	250
2017-08-21 12:26	AC1BJ	14.097080	-25	0	FN42	0.1	K5XL	EM12kp	2532	253
2017-08-21 12:26	AC1BJ	14.097080	-25	1	FN42	0.1	K9AN	EN50wc	1449	265
2017-08-21 12:26	AC1BJ	14.097059	-25	0	FN42	0.1	KD6RF	EM22	2380	250
2017-08-21 12:26	AC1BJ	14.097082	-28	0	FN42	0.1	KE7A	EM12kx	2512	254
2017-08-21 12:28	AC1BJ	14.097059	-26	0	FN42	0.1	KD6RF	EM22	2380	250
2017-08-21 12:38	AC1BJ	14.097080	-21	0	FN42	0.1	AE5DW	EM50co	2125	238
2017-08-21 12:40	AC1BJ	14.097106	-26	0	FN42	0.1	N0UBL	EM26	2157	260
2017-08-21 12:40	AC1BJ	14.097060	-25	0	FN42	0.1	KD6RF	EM22	2380	250
2017-08-21 12:42	AC1BJ	14.097106	-27	0	FN42	0.1	N0UBL	EM26	2157	260
2017-08-21 12:44	AC1BJ	14.097059	-26	0	FN42	0.1	KD6RF	EM22	2380	250
2017-08-21 12:44	AC1BJ	14.097082	-20	0	FN42	0.1	KE7A	EM12kx	2512	254
2017-08-21 12:44	AC1BJ	14.097106	-27	0	FN42	0.1	N0UBL	EM26	2157	260
2017-08-21 12:44	AC1BJ	14.097081	-20	0	FN42	0.1	K5XL	EM12kp	2532	253
2017-08-21 12:46	AC1BJ	14.097059	-27	0	FN42	0.1	KD6RF	EM22	2380	250
2017-08-21 12:46	AC1BJ	14.097082	-19	0	FN42	0.1	KE7A	EM12kx	2512	254
2017-08-21 13:02	AC1BJ	14.097105	-16	0	FN42	0.1	K5DRU	EM35sa	2027	253
2017-08-21 13:26	AC1BJ	14.097103	-22	0	FN42	0.1	K5DRU	EM35sa	2027	253
2017-08-21 14:02	AC1BJ	14.097092	-27	0	FN42	0.1	W9BS	EL96bm	2029	212
2017-08-21 14:36	AC1BJ	14.097112	-23	0	FN42	0.1	N0UBL	EM26	2157	260
2017-08-21 14:42	AC1BJ	14.097097	-31	0	FN42	0.1	KU4QG	EM71ij	1762	230
2017-08-21 14:56	AC1BJ	14.097120	-20	-1	FN42	0.1	N4WXB	EM64ds	1678	245
2017-08-21 15:40	AC1BJ	14.097102	-25	0	FN42	0.1	KC1DKY	FN42jn	17	304
2017-08-21 16:00	AC1BJ	14.097110	-24	0	FN42	0.1	K4SV	EM85wf	1251	234
2017-08-21 16:26	AC1BJ	14.097110	-19	1	FN42	0.1	K9AN	EN50wc	1449	265
2017-08-21 16:40	AC1BJ	14.097116	-25	-1	FN42	0.1	KJ4HTY	EM97aa	1112	241
2017-08-21 16:40	AC1BJ	14.097110	-18	0	FN42	0.1	K4SV	EM85wf	1251	234
2017-08-21 16:44	AC1BJ	14.097115	-28	0	FN42	0.1	KJ4HTY	EM97aa	1112	241
2017-08-21 17:10	AC1BJ	14.097116	-21	-1	FN42	0.1	KJ4HTY	EM97aa	1112	241
2017-08-21 17:42	AC1BJ	14.097129	-28	0	FN42	0.1	KC1DKY	FN42jn	17	304
2017-08-21 17:44	AC1BJ	14.097108	-21	0	FN42	0.1	W1XP	FM14di	1073	215
2017-08-21 17:44	AC1BJ	14.097109	-26	0	FN42	0.1	K9AN	EN50wc	1449	265
2017-08-21 18:02	AC1BJ	14.097128	-27	0	FN42	0.1	KC1DKY	FN42jn	17	304
2017-08-21 18:12	AC1BJ	14.097128	-27	0	FN42	0.1	KC1DKY	FN42jn	17	304
2017-08-21 20:44	AC1BJ	14.097108	-23	0	FN42	0.1	N3TWM	FN10cv	587	255

2017-08-21 21:00	AC1BJ	14.097121	-26	0	FN42	0.1	K5XL	EM12kp	2532	253
2017-08-21 21:00	AC1BJ	14.097122	-26	0	FN42	0.1	W8XN	EN82dg	1040	273
2017-08-21 21:02	AC1BJ	14.097121	-22	0	FN42	0.1	K5XL	EM12kp	2532	253
2017-08-21 21:04	AC1BJ	14.097134	-27	0	FN42	0.1	N3TWM	FN10cv	587	255
2017-08-21 21:04	AC1BJ	14.097122	-22	0	FN42	0.1	W8XN	EN82dg	1040	273
2017-08-21 21:06	AC1BJ	14.097122	-22	0	FN42	0.1	W8XN	EN82dg	1040	273
2017-08-21 21:10	AC1BJ	14.097134	-26	0	FN42	0.1	N3TWM	FN10cv	587	255
2017-08-21 21:16	AC1BJ	14.097120	-24	0	FN42	0.1	K2SST	EM85	1295	237
2017-08-21 21:20	AC1BJ	14.097133	-26	0	FN42	0.1	N3TWM	FN10cv	587	255
2017-08-21 21:24	AC1BJ	14.097133	-24	0	FN42	0.1	N3TWM	FN10cv	587	255
2017-08-21 21:52	AC1BJ	14.097128	-15	0	FN42	0.1	KM4LLF	FM18ku	652	234
2017-08-21 21:54	AC1BJ	14.097128	-16	0	FN42	0.1	KM4LLF	FM18ku	652	234
2017-08-21 21:56	AC1BJ	14.097128	-19	0	FN42	0.1	KM4LLF	FM18ku	652	234
2017-08-21 22:04	AC1BJ	14.097120	-15	0	FN42	0.1	W1XP	FM14di	1073	215
2017-08-21 22:06	AC1BJ	14.097120	-15	0	FN42	0.1	W1XP	FM14di	1073	215