



**Spokane DX Association**  
 K7SDX - Spokane, Washington  
 13010 S Short Rd; Cheney, WA 99004



**SDXA - 05 may 22**

monthly meeting called to order by v-prez n7gco, Mel, at 19:00 local, on-line using zoom.

0 secretary's request, on zoom please enter "name, call" for participants list-- thanks.

1) the program: "Antenna Related Products and Recommendations"

- a) Presenters: Del WA7AQH and Mel N7GCO
- b) 1. New Utility Box at tower with Lightning Arrestors
- c) 2. Mastrant Support & Guy Line Ropes
- d) 3. Paradian Radio Dual Antenna Disconnect
- e) 4. EA7TX RemoteBox
- f) 5. Dummy loads

2) around the call: what have you done the past month in ham radio?

- 1. One Spring/Summer shack or antenna upgrade plan?
- 2. One DX country have you reached lately?
- 3. What one upcoming DX or DXpedition are you excited about?
- 4. What mode are you wanting to get better at?
- 5. What you most enjoy tight now about HF Amateur Radio?
- 6. Who was someone that was an Elmer (mentor) to you?
- 7. What your dream radio would be?

3) DXing coming up, notes from k7tm

StartDate	End Date	DXCC Entity	Call	QSL via	Info
May03	May08	Svalbard	JW4D	LA4D	By 8 op LA team fm IOTA EU-026 (JQ78tf); 80-10m; CW SSB + digital
May03	May16	Andaman Is	VU4W	TBA	By YL2GM; 160-10m; verticals
May05	May11	New Caledonia	FK	LoTW	By F5NHJ as FK/F5NHJ; HF; CW SSB + digital; holiday style operation
May06	May12	San Andres I	HK0	PY8WW	By PY8WW as HK0/PY8WW; 40-6m, focus on 6m
May08	May14	Sao Tome & Principe	S9EFW	LoTW	By K9EFW; 40 20 15 10m; SSB; QSL via K9EFW
May01	May31	Philippines	DU	LoTW	By W6QT as DU/W6QT fm Subic Bay; 80-6m; SSB FT8; QSL via W6QT; operation to continue until 15 Sep
May21	Jun04	Martinique	FM	ON4RU Direct	By ON4RU as FM/OQ3R fm IOTA NA-107; 160-10m; CW; holiday style operation
May22	Jun08	Gambia	C5C	LoTW	By F5RAV F5NVF M0NPT; 20 15 10m; CW SSB FT4 FT8; possible sidetrip to Bijol Is (IOTA AF-060) using C5B; QSL via F5RAV direct (3 US \$ or IRC and SAE)

a) monthly question: any DXpedition(s) worth gathering member donations for?

i) nothing was brought up in general discussion

b) some history and a good site to follow: <http://www.ng3k.com/Misc/adxoc.html>;

- 1. 2022: \$200: TX5N Raivavae (Austral Islands) OC-114
- 2. 2021: \$259.11 3Y0J Bouvet Island(<https://www.3y0j.no/clubsandfoundations>)

4) officer reports:

a) secretary's report from wa0www; the last monthly minutes: <http://www.sdxa.org/?cat=10>;

b) treasurer's report from k7kb;

income:\$198.05 (St. Liquor license, hosp. refunds, conv. supplies, zoom); expenses: \$250 (over \$2300 in convention registrations).

i) dxpeditions donations from members: around \$525; after \$259.11Bouvet and \$200TX5N

c) VP's report from n7gco; see web page and i/o email for upcoming events

i) 02june: Receive Antennas by Mark Bauman KB7G

1. Mark Bauman, KB7GF, is a licensed professional electrical engineer. He is the designer of the Shared Apex Loop now sold by Array Solutions. He lives in College Place, Washington.
- ii) 07july: prep for the convention
- iii) 05-07aug: the 67<sup>th</sup> (almost) annual Pacific NW DX Convention
- iv) 01sep: Don Greenbaum N1DG, Activating entities in the U. S. Fish & Wildlife Service (USFWS) Pacific Remote Islands Marine National Monument (PRIMNM)
  1. Don was a Team member on these Dxpeditions: A52A, K4M, KH1/KH7Z, C82DX, VP80RK, AL7EL/KH9. QSL Manager: A61AD, A61AO, A61X, A66A, A61AQ 2006 inductee into the CQ Magazine DX Hall of Fame. 10 Band DXCC Challenge Total: 3145. Member: NCDXF, CWops, ARRL, DDXA, YCCC. Treasurer: NCDXF. Founding member of the CW Operators Club (Member Nr. 2)
- v) 06october: Bob K7TM, Jim N7ESU & Pat N7UVH on Insights from the Idaho Renegades
  - Bob -
    1. Using Keypad
      - (a) How you use it?
      - (b) How you program switches?
      - (c) Hints on setting a keypad system up?
    2. Antenna matches
      - (a) How to make a antenna at the antenna?
      - (b) Building antenna matching devices?
  - Jim - Owning a repeater
    - (a) What is involved?
    - (b) Your repeaters history?
    - (c) What repeater owners wished people know about using their repeater?
  - Pat - Doing S02R
    - (a) What equipment is needed?
    - (b) How to set it all up?
    - (c) What you need to know about the learning curve?
    - (d) How it helps you in a contest?
- vi) and keeping up the YouTube channel:  
<https://www.youtube.com/channel/UCMF5QzqCJ65iJupGW64Dlwg>
- vii) question/request: how to use cluster spots would be a good workshop.

5) **2021 2022 PNW DX conv by SDXA - an update: co-chairs: k7tq Randy or n7gco Mel**

- a) webpage: <https://pacificnwdxconvention.com>
- b) Centennial rooms are being booked (\$155/night) with over 80 room nights already..
- c) had to ask, and got 20 more room nights
- d) registration 58 folks now and increasing.
- e) flyer available - can we get some to Seaside, and Wenatchee hamfests?
- f) question: what can SDXA folks do to help. have 21 slots for raffle ticket sellers.
- g) will need a couple folks to help registration table also.
- h) AV help doing okay, and MC Chuck is okay again.
- i) speakers lined up, see list on web site for latest. one update:
  - i) "Node Red: Station Integration for Contesting and DXing" will be given by Kyle Krieg AA0Z
- j) the promo video is working out really nicely and more versions are in the works.
- k) all looking really good, and further along that this time 2017.

1) **just fyi - 3 themes are the focus of the 2022 Pac NW DX convention.**

DXING

"The 2022 DXpedition to Raivavae (Austral Islands) TX5N" (by Rob Fanfant N7QT)

"DX Spotting:VE7CC The Next Generation" (by Les Sawkins VE7CC)

"Top 25 DXCC Entities" (by Bernie McClenny, W3UR)

CONTESTING

"A history of the World Radiosport Team Championship" (by Rusty Epps W6OAT)

"The North American Competitor Experience at the European in IARU World Radiosport Championship" (by Pat Barkey N9RV)

Technology

“Distributed Contesting” (by Brian Moran N9ADG)  
 “Node Red: Station Integration for Contesting and DXing” (by Kyle Kreig AA0Z)  
 Banquet Dr. Ed Schweitzer III W7KOW  
 Sunday “DXing Using Remote Stations” (by Ned Sterns, AA7A)

**old business:**

6) contests from wa0www:

- a) **new: the contest calendar site has moved:** <http://www.contestcalendar.com/>
- b) Thanks to the good work of our SDXA Treasurer, John K7KB, the SDXA will again be sponsoring the “7th Area Single-Op High-Power Mixed” Plaque this year.
  - i) <http://7qp.org/new/Page.asp?content=awards>
- c) next Pac NW DX Trophy Cup contests is coming up the end of may, #9 of 10.

+ CQ WW WPX Contest, CW	#9	0000Z, May 28 to 2400Z, May 29
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and possible DX stations during the contest:

Call	DXCC	Class	QSL	Source	Notes
9K2K	Kuwait	SO HP	LoTW	9K2GS	By 9K2GS; QSL via EC6DX
KP2B	US Virgin Is	SOAB	EB7DX	WP3A	By LU8EOT
NH7T	Hawaii	M/M	NH7T	N6TJ	By NH7T W6NV N6TV N6TJ KH6LC KH7U; @KH6YY
P44W	Aruba	SOAB	LoTW	W2GD	By W2GD; QRV May 24-31; WARC; QSL via N2MM direct
T03F	Martinique	SO	ON4RU Direct	ON4RU	By ON4RU
V48A	St Kitts & Nevis	SOAB HP	LoTW	TDDX	By WX4G; @V47JA; QRV May 24-30; CW FT8 FT4
VP5M	Turks & Caicos		LoTW	TDDX	By K4BAI; QSL via K4QPL
ZF2SS	Cayman Is		LoTW	TDDX	By K07SS; fm Cayman Brac (IOTA NA-016)

- d) **monthly question:** Does anyone know of a contest coming up in the next month or two, others may have an interest in? here are some.

i) others:

- + 7th Call Area QSO Party 1300Z, May 7 to 0700Z, May 8  
(20 counties by k7tq/wa0www)
- + Canadian Prairies QSO Party 1700Z, May 14 to 0300Z, May 15
- + His Maj. King of Spain Contest, CW 1200Z, May 21 to 1200Z, May 22
- + Arkansas QSO Party 1400Z, May 21 to 0200Z, May 22

7) club DX HF morning net from n7uvh

- a) what is the latest? 3840 kHz at 8am on wednesdays. is working great..
- b) still going strong.

8) clublog and SDXA from n7uhv

- a) W7BKS, Brandon and N7SJM, Scott both pushing close to DXCC.

9) Spokane libraries:

- a) on hold - still only during open hours, the latest would be 20:00 local at the north library.

10) Spokane Hamfest is on, 24sep22 from wa0www

- a) The committee met and a couple of things.
- b) UHigh okay, asking for ARRL WA st. convention;
  - i) sanitation is on the hamfest not from the school, if needed.
- c) still no raffle, do not want to do raffle tickets and have to get prizes now, though will do door prizes, do not need to be present to win.
- d) presentations (live-no zoom): = DMR basic; = Dave’s LDS emergency response, like before; = looking at HF basics; =WinLink
- e) fox hunt for youth and adult

- f) tables like last time, some school so rentals
- g) food vendors want deposit and guarantees, maybe one that is more open like in the past, mixed plates of different kinds,
- h) no auction
- i) seed money, probably june will decide if and how much. see what vendor responses we get by then.
- j) flyer is official

**new business:**

**11) Need SSB operators week of the convention to operate W1AW from spokane**

- a) Ed Hare, W1RFI, the ARRL Lab Manager is in Spokane for and IEEE meeting and will have W1AW remote from mon to thursday and would like SSB operators to run W1AW remote, in 4 hr shifts, so 8 slots. more discussion at the June SDXA monthly meeting.

**12) other/future:**

- a) Trustee for K7SDX license is now K7ST0 (expires: 10dec22)
- b) 2023 field day
- c) summer picnic - not in August, maybe in September, stay tuned

**13) new members of late:**

- a) apr22: W8QR Moe and K6XT Art of Grangeville
- b) apr22: W8TJM Toivo (LL) and K7SYS John (Sandpoint)
  
- c) dec21: NA7TP Ted (okay---- new call(ex-KG6MTC))
- d) oct21: Mike N7ID and Rod AC7GL both from IDXA
- e) sept21: n0zuf, Jay; w7drn Anita; and K2GEP Gregory
- f) jun21 k7phm, Rick; w7bks, Brandon
- g) apr21 k7tq,Randy (moscow); ww5a,Ken (cda); k7pew,Nick (pf); n7ll,David (spo);
- h) mar21 w7ceg, Charlie (Ellensbug)
- i) feb21 wa6ndr, Rick; wa7cpa, Robin (Woodinville)
- j) jan21: w7tg, Tom

**next month & adjourn:**

- 14) **program 02june**, see above in the VP report.
- 15) respectfully submitted by wa0www, jay, secretary.
- 16) and the great refreshments from yourself with this a call in

**17) committees:**

- a. awards: n7gco
- b. card checker: ad7xg
- c. club log: n7uvh
- d. contests: wa0www (focus is pnwDX challenge trophy cup)
- e. convention: n7gco and k7tq
- f. dxing: n7gco (w/k7tm and k7sto) and dx net: n7uvh
  - i) dxnet: n7uvh
  - ii) dx awards: k7sto
  - iii) upcoming dx: k7tm
- g. io (not google) group: n7gco
- h. health and welfare of members: k7gs
- i. hf mentoring: wa7aqh
- j. historian: k7awb
- k. library: sdx secretary (wa0www)
- l. local remote station/mentor: wa7aqh
- m. media: n7gco
- n. membership: k7kb
- o. million point club: k7tq
- p. photographers: nz2s and k7tm
- q. programs: n7gco
- r. qsl card checking: ad7xg and n7za
- s. Spokane hamfest: wa0www (and ad7qj)
- t. technical: w7sx, k7gs amd nz2s
- u. trustee-k7sdx: w7bhp
- v. web: wa7aqh, w/n7gco and k7kb teaming up
- w. you tube: n7gco
- x. zoom: n7gco

y. SDXA cluster:(could investigate, could add to our go daddy for [www.cluster.sdxa.org](http://www.cluster.sdxa.org))

z. officers:

- i) President: AD7XG Gary Bytnar, Davenport, WA 99122
- ii) Vice President: N7GCO Mel Ming, Cheney, WA 99004
- iii) Treasurer: K7KB John Gager, Colbert, WA 99005
- iv) Secretary: WA0WVW Jay Holcomb, Newman Lake, WA 99025

**18) DX coming up**

a) <http://www.ng3k.com/Misc/adxoc.html>

b) for most wanted: <http://www.clublog.org/mostwanted.php>

rank	StartDate	End Date	DXCC Entity	Call	QSL via	Info
59	Apr26	May01	Faroe Is	OY	LoTW	By PD4L as OY/PD4L fm IP62md; HF; mainly SSB FT8 FT4; QSL via PD4L
44	May02	May06	Azerbaijan	4K7DK	LoTW	By DK1DKE fm Baku; 80-10m; SSB FT8; 100w; dipole QSL OK via DK1DKE (Buro)
97	Apr29	May06	Mauritius	3B8	LoTW	By OM5ZW as 3B8/OM5ZW fm Long Beach; 80-10m; CW SSB RTTY FT8; QSL via Club Log OQRS
43	May03	May16	Andaman Is	VU4W	TBA	By YL2GM; 160-10m; verticals
39	Apr26	May18	Nepal	9N	Club Log OQRS	By SP9FIH as 9N7WE and SP6CIK as 9N7CI; 40-6m
117	Apr28	May26	Botswana	A25VR	VE7VR	By VE7VR; HF
92	Jun01	Jun22	Rwanda	9X2AW	LoTW	By DF2WO fm Kigali; 160-10m; CW SSB + digital; begin date approximate; QSL via M00XO OQRS
60	Jun22	Jun27	Jan Mayen	JX		By LB5SH as JX/LB5SH; SSB FT8
115	Jun01	Jul31	Gabon	TR8CR	F6AJA (B/d)	By F8EN; 40 30 20m; CW
114	Oct10	Oct25	Benin	TY5RU	R7AL	By RA1ZZ + team; info to follow
78	Oct26	Nov03	Cocos Keeling	VK9CM	EB7DX	By VK6VY VK6SJ VK6CQ; 160-10m; CW SSB FT8 RTTY; VK9C in CQWW DX SSB
37	Oct29	Nov07	Djibouti	J28MD	LoTW	By IZ8CCW IZ4UEZ IZ3GNG IZ2GNQ Y08WW AG4W IK4QJF DJ5IW DL6LZM DL8JJ K08SCA DL80BF NG7M IU8LMC fm LK11px; 160-10m; CW SSB RTTY FT8; QSL via IK2VUC ( <a href="#">details</a> )
68	Nov01	Nov30	Central African Rep	TL8AA	I2YSB	By 8 ops; all bands; CW SSB FT8 RTTY
1	Dec15	Dec31	Crozet	FT8/c	TBA	By F6CUK as TBA; dates tentative; operation to continue until Mar 2023; details to follow
4	2023 Jan23	2023 Feb28	Bouvet I	3Y0J	LoTW	By LA7GIA LA7THA LB1QI + team; 160-10m; CW SSB FT4/FT8 RTTY; QSL: M00XO; about 22 days; dates tentative

c) the basic list of the DXpeditions in top 100ish wanted

StartDate	End Date	DXCC Entity	Call	QSL via	Info
Apr08	Apr30	Costa Rica	TI2	KB8I	By KB8I as KB8I/TI2 fm Jaco Beach; mainly 40 20 15m; CW SSB; 100w; compact vertical; fm 6th floor apartment
Apr08	Apr30	St Martin	FS	LoTW	By KC9FFV as FS/KC9FFV; 40-6m; SSB + digital; holiday style operation to continue throughout 2022; QSL via IZ1MHY
Apr24	May01	St Lucia	J6	DF8AN (B/d)	By DF8AN as TBD; HF; mainly CW + digital; 100w; dipoles
Apr22	May02	Cyprus	5B4AQC	LoTW	By DK6SP; WARC bands + 6m; CW + digital
May01	May02	Martinique	FM	DF8AN (B/d)	By DF8AN as FM/DF8AN; HF; mainly CW + digital; 100w; dipoles
Apr28	May04	Crete	SV9	LoTW	By SQ6DX as SV9/SQ6DX; 40 20 15 10m; SSB; 100w; end-fed wire; QSL via SQ6DX
Apr14	May04	Mozambique	C91AHV	LoTW	By CT7AHV; 40-10m; SSB CW FT8; QSL via Club Log OQRS, CT7AHV Buro
May01	May05	Svalbard	JW9DSA		By LA9SDA JW/HB9DQM JW/LB1RH JW/LB8CG; JW/LB1RH and JW9DSA will focus on 20 17 15m, SSB JW/LB8CG; JW/HB9DQM will focus on CW in 30 20 17 15m; 100w; trapped vertical w/ elevated radials
May04	May08	Galapagos	HD8FG	HC2FG	By HC2FG fm Santa Cruz I; 6m; FT8 and Satellite; 170w; J-pole, halos
May03	May08	Svalbard	JW4D	LA4D	By 8 op LA team fm IOTA EU-026 (JQ78tf); 80-10m; CW SSB + digital
May05	May11	New Caledonia	FK	LoTW	By F5NHJ as FK/F5NHJ; HF; CW SSB + digital; holiday style operation
May06	May12	San Andres I	HK0	PY8WW	By PY8WW as HK0/PY8WW; 40-6m, focus on 6m
May08	May14	Sao Tome & Principe	S9EFW	LoTW	By K9EFW; 40 20 15 10m; SSB; QSL via K9EFW
May01	May31	Philippines	DU	LoTW	By W6QT as DU/W6QT fm Subic Bay; 80-6m; SSB FT8; QSL via W6QT; operation to continue until 15 Sep
May21	Jun04	Martinique	FM	ON4RU Direct	By ON4RU as FM/OQ3R fm IOTA NA-107; 160-10m; CW; holiday style operation
May22	Jun08	Gambia	C5C	LoTW	By F5RAV F5NVF M0NPT; 20 15 10m; CW SSB FT4 FT8; possible sidetrip to Bijol Is (IOTA AF-060) using C5B; QSL via F5RAV direct (3 US \$ or IRC and SAE)
May27	Jun10	Guadeloupe	TO2AZ	DL2AAZ	By DL2AAZ fm Bassetterre (IOTA NA-102); 40-10m; CW SSB; 300w; groundplanes

May01	Jun15	Namibia	V5	LoTW	By ZS2PS as V5/ZS2PS; 80 60 40 30 20 10m; QSL via ZS2PS direct
Jun28	Jul05	Liechtenstein	HB0	LoTW	By OZ0J as HB0/OZ0J; HF; SSB CW + digital (incl FT8); QSL via Club Log OQRS, eQSL, OZ0J (B/d)
Jul01	Jul12	Namibia	V5	LoTW	By HB9BFM as V5/HB9BFM fm Luderitz (JG73ni) and Simplon/Sandverhaar (JG83qe); 80-15m; QSL via HB9BFM (B/d)
Jun28	Jul12	St Pierre & Miquelon	FP	LoTW	By KV1J as FP/KV1J fm Miquelon I (IOTA NA-032); QSL via KV1J
Oct21	Oct23	Belize	V3E	LoTW	By ops fm Mauger Caye (IOTA NA-123); 80-10m; CW SSB FT8; 100w; Spiderbeam; QSL via IZ8CCW
Oct25	Nov04	Saba & Sint Eustatius	PJ5	LoTW	By W5JON as PJ5/W5JON; 60-6m; SSB FT8; yagi, verticals; QSL also OK via W5JON direct
Nov01	Nov09	Austral Is	FO	LoTW	By JA1XGI as FO/W1XGI; 160 80 40 30 20 15 10m; CW SSB RTTY FT8; QSL via Club Log OQRS, JA Buro, SASE to JA1XGI
Nov30	Dec10	St Martin	T09W	LoTW	By K9NU N9EP FS4WBS W9AP K9EL; 160-10m focus on 160 80 40m; QSL via Club Log OQRS W9ILY

19) contests coming up: [contest calendar http://www.hornucopia.com/contestcal/index.html](http://www.hornucopia.com/contestcal/index.html)

- a) calendar has moved: <http://www.contestcalendar.com/>
- b) see above for other contest this coming month.
- c)
- d) Pacific NW Challenge Trophy contests:

± CQ Worldwide DX Contest, RTTY	#1 done	0000Z, Sep 25 to 2400Z, Sep 26
± CQ Worldwide DX Contest, SSB	#2 done	0000Z, Oct 30 to 2400Z, Oct 31
± CQ Worldwide DX Contest, CW	#3 done	0000Z, Nov 27 to 2400Z, Nov 28
± ARRL RTTY Roundup	#4 done	1800Z, Jan 8 to 2400Z, Jan 9
± CQ WW RTTY WPX Contest	#5 done	0000Z, Feb 12 to 2400Z, Feb 13
± ARRL Inter. DX Contest, CW	#6 done	0000Z, Feb 19 to 2400Z, Feb 20
± ARRL Inter. DX Contest, SSB	#7 done	0000Z, Mar 5 to 2400Z, Mar 6
± CQ WW WPX Contest, SSB	#8 done	0000Z, Mar 26 to 2400Z, Mar 27
± CQ WW WPX Contest, CW	#9	0000Z, May 28 to 2400Z, May 29
± IARU HF World Championship #10	#10	1200Z, Jul 9 to 1200Z, Jul 10, 2021

PACNWDX challenge trophy cup contests, above:

- a. please send your claimed scores in body of email to SDXA io group or to the secretary
- b. to help keep the super check partial files complete consider to cc [k5zd@contesting.com](mailto:k5zd@contesting.com) when you submit your Cabrillo logs.

20) SDXA membership

call	operator	sort	may 22	apr 22	mar 22	feb 22	jan 22	dec 21	nov 21							
aa6tq	gordon	1														
ac7gl	rod	2									---	---	---	---	---	---
ac7mv	david	3														
ad7qj	harold	4	1		1	1	1	1		1	1		1	1	1	1
ad7xg	gary	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ad7xg-xyl	svetlana	6														
ae7gt	marybeth	7														
af7wh	dale	8					1	1							1	1
ag7ig	mike	9	1		1	1	1	1	1	1	1	1		1		
ag7qp	frank	10		1	1	1	1	1		1	1	1		1		
ai7cr	josh	11														
ja3czy	elvin	12												1		1
k0ng(k5pjs)	peter	13	1	1	1	1	1	1		1	1	1	1	1	1	1
k2gep	gregory	14									--	--	--	--	--	--
k6xt/W7NTA	art	14.5	1	--	--	--	--	--	--	--	--	--	--	--	--	--
k7awb	steve	15				1										
k7efx	john	16														
k7gs	gary	17	1	1	1	1	1	1		1	1	1	1	1	1	1
k7hpt	mark	18														
k7kb	john	19	1	1	1	1	1	1		1	1		1	1	1	1
k7phm	rick	20	1	1	1	1							1	--	--	--
k7sto	michael	21	1	1	1	1	1		1	1	1	1	1	1	1	1
k7tm	bob	22	1	1		1	1	1	1	1		1	1	1	1	1
k7tq	randy	23	1	1		1	1	1	1		1	1	1		1	---

k7sys	john	23.5				--	--	--	--	--	--	--	--	--	--	--	--
k9jf	jim	24		1													
kb7bek	cathy	25															
kc7ttm	cleo	26															
kc7ug	tom	27						1			1	1					
kd7ghz	mike	28		1	1		1	1	1		1			1			
kf7pbm	joseph	29															
ki7dg	chuck	30				1		1	1	1	1		1		1		
kj7iea	peter	31		1	1	1	1	1	1	1	1	1	1	1	1	1	1
kj7qex	jason	32													1		1
kk9ham	albin	33															
kq7c(w7nbn)	sarah	34															
n7au	bob	35													1		
n7cxi	jim	36															
n7esu	jim	37				1	1	1	1	1			1	1	1	1	1
n7gco	mel	38		1	1	1	1	1	1	1	1	1	1	1	1	1	1
n7id	mike	39						1					---	---	---	---	---
n7qt	rob	40		1					1				1		1		
n7sjm	scott	41				1			1	1			1	1	1	1	
n7uvh	murph	42		1		1	1		1	1	1	1			1	1	1
n7zuf	jay	43		1	1	1	1	1	1	1	1	1					
na7tp-kg6mtc	ted	44		1	1			1							1		
ne7f	jim	45															
nh7s	cal	46															
nq7v	corky	47															
nz2s	jeff	48		1	1	1		1	1	1			1	1	1	1	1
w0cg/pj2dx	geoff	49															
w3as	doug	50												1		1	
w6aea	george	51															
w7bks	brandon	52		1	1	1	1		1				1	1	---	---	---
w7dct	david	52.5		1	--	--	--	--	--	--	--	--	--	--	--	--	--
w7drn	anita	53															
w7gsv	robert	54							1	1							
w7gtf	ron	55															
w7mem	mark	56															
w7peg	peggy	57															
w7sx	robert	58															
w7uj	ed	59															
w8qr	moe	59.2			--	--	--	--	--	--	--	--	--	--	--	--	--
w8tjm	toivo	59.5		1		--	--	--	--	--	--	--	--	--	--	--	--
wa0www	jay	60		1	1	1	1	1	1	1	1	1	1	1	1	1	1
wa1pma	wayne	61															
wa6ndr	rick	62					1								1		
wa7aqh	del	63		1	1	1	1	1		1	1	1	1	1		1	1
wa7cpa	robin	64				1						1					
wa7f(ki7aar)	dave	65					1										1
wa7tnt	dave	66		1			1					1					
ws7i	jay	67			1							1				1	1
wu7x	dale	68		1	1		1			1						1	1
wm5a	ken	69														--	--
wx7b	chris	70													1		
wx7dx	karl	71															
wx7p	janet	72						1			1						
		73		27	20	21	26	23	24	18	17	25	15	20	14	28	16
visitors	#in attend.	74		2	1	1	7	1	1	1	1	5	0	6	6	3	1

