

Spokane DX Association

K7SDX - Spokane, Washington

13010 S Short Rd; Cheney, WA 99004



SDXA - 07 dec 23

monthly meeting called to order by prez K7TQ, Randy, at 19:00 local on zoom.

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

- 1) the program, introduced by k7tq Randy
 - i) basic station automation and techniques with N6TV, Bob
 - All of us want to make our stations more effective. Bob N6TV will be sharing a presentation from the 2023 Contest University at Dayton.
 - iii) Bob shared:
 - iv) What should be automated?
 - v) What should not be automated?
 - vi) Specific examples of how to automate different parts of the ham shack

2) <u>welcome new association members in the last month:</u>

- a) none the past month
- b) currently: 91 members, 6 honorary, 85 voting, 84 licensed; 34 arrl dxcc, 4 non-arrl dx
- 3) Nice tribute to Mel N7GCO, for his wonderful/superb job as VP the past 6 years, thanks much Mel.

======The Activities Part========

- 4) Video of Legacy Radios from n7gco, featuring ad7xg, Gary and a few older radios that he has restored, wow very nice restorations.
- 5) up coming programs / VP's officer report from n7gco; also see web page and i/o email:
 - i) 04jan: Chris kl9a on Operating Techniques: Tips & Tricks, and KL9A Station updates
 - ii) 01feb: Robin WA7CPA on H44WA, she is leading this dxpedition
 - iii) 07mar: tbd
 - iv) 04apr: Jay AC7DC on H40WA, our Jay-AC will be there operating
 - ν) and keeping up the YouTube channel:

https://www.youtube.com/channel/UCMF5QzqCJ65iJupGW64

6) up coming DX from k7tm:

a)

Thu 12/7/2023 8:45 PM

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Nov 30-Dec 8	Dominican Republic	HI8	By VE3MZD as HI8/VE3MZD; HF; SSB + digital; holiday style operation
Nov 30-Dec 9	Vietnam	3W9C	By SP5APW 20 17 15 10 6m; SSB FT8, some CW; FT8 on 6m; tx 53.313 or 53.323, rx 50.313 or 50.323; 100w
Dec 4-12	British Virgin Is	VP2VMM	By Team Vertical; mainly 20-10m; CW SSB + digital; QRV for ARRL 10m Contest
Dec 4-16	Micronesia	V6EU	By DL2AWG DK2AMM DL2AMD ; 160-10m, perhaps 6m; SSB CW RTTY FT8;
Dec 5-10	Lakshadweep	<u>VU7A</u>	By W4VKU; 160-6m; SSB FT8
Dec 5-21	East Kiribati	<u>T32TT</u>	By Rebel DX Group; 160-6m; focus on FT8 FT4 some CW SSB; begin and end dates are approximate
Dec 6-19	Burkina Faso	XT2AW	By DF2WO HF; CW SSB FT4 FT8; 100w
Dec 7-14	Surinam	PZ5NH	By JA0JHQ; HF; CW SSB FT8
Dec 9-18	St Kitts & Nevis	<u>V47JA</u>	By W5JON ; 160-6m; SSB FT8; yagi, verticals
Dec 11-22	Cape Verde Is	D44MCS	By OE3MCS; 40-10m
Dec 16-26	Andaman & Nicobar	VU4N	By W4VKU; 160-6m; SSB FT8
Dec 27-Jan 6	Rodrigues I	3В9АТ	By IK3ZAQ IV3JVJ; 40-10m; CW SSB FT8
Dec 29-Jan 16	French Guiana	T02FY	By F4GPK HF; SSB; holiday style operation

- b) also see below for a couple of lists of upcoming DXpeditions.
- c) monthly question: any DXpedition(s) worth gathering member donations for?
 - i) nothing brought up this month.
- d) some recent history and a good site to follow: http://www.ng3k.com/Misc/adxoc.html;
 - 1. april 2023: \$250: TX55 Clipperton Island (https://clip.pdxg.net/) (april23~115-250=~-135 left in DXpeditions donations)
 - feb2023: \$200: HW40A Temotu Province (https://intrepid-dx.com/temotu2023/) (feb23~315-200=~115 left in DXpeditions donations)
 - 3. jan2023: \$200: 3B7M Saint Brandon (https://3b7m.com/?page id=1635) (jan23~515-200=~315)
- 7) up coming contests from k7tq:
 - a) the 2023-2024 Trophy Challenge Cup continues, next is the ARRL RTTY Roundup, starting 06jan24, and will have a meeting on the 4th to discuss further. a few things for now.
 - i) Begins 18:00 (10 am local) saturday and ends 23:59 pm local Sunday
 - ii) Single-Op stations may operate for 24 hours out of the 30-hour contest period.
 - iii) exchange is 599 and state/province
 - b) ARRL 10 m Contest
 - i) 0000Z Saturday, December 9 to 2359Z Sunday, December 10
 - 1. Operate 36 of the 48 hours
 - 2. SSB/CW
 - 3. exchange: 59(9) {ID or WA} and for this contest: XE sends state, DX send DX
 - c) brief summary of the PAC NW DX to date, we are doing good
 - after the first 3 CQ WW contests, we are at 6.4M points compared to 5.7M last year.
 - ii) we have had 11, 18 and 10 participants, compared to 8, 14 and 10 last year
 - iii) the ARRL RTTY RU, our own jay ws7i, being a co-founder is the weekend after our january meeting, we discuss more then.
 - d) RAC Winter contest; https://www.rac.ca/contesting-results/
 - i) 24 hours: 00:00-23:59z 30dec23
 - ii) CW and SSB
 - iii) VE: RS(T) + (province/territory)
 - 1. non-VE and VEO: RS(T) + Serial No.
 - iv) VE/VE0: 10 points
 - ν) non-VE/VE0: 2 points
 - vi) RAC official stations: 20 points
 - vii) mults: VE provinces and territories (13), once per mode per band
 - e) monthly contests coming up: Does anyone know of other contests coming up in the next month or two, that others may have an interest in? here are some.
 - the contest calendar site has moved: http://www.contestcalendar.com/

(note the '+' at the beginning of the row has a link for more info)

+ ARRL 10-Meter Contest

0000Z, Dec 9 to 2400Z, Dec 10 0000Z-2400Z, Dec 16

+ OK DX RTTY Contest

+ RAC Winter Contest

0000Z-2359Z, Dec 30

ARRL RTTY Roundup 1800Z, Jan 6 to 2400Z, Jan 7

- f) <u>internal to SDXA will have the 10 JA Districts and the 5 by 6 with awards again this contest season including these 10 PAC NW DX contests plus the two digital contests (june and august).</u>
- 8) SDXA Nets (Murf)
 - a) wed 8:00 local 3840, 100w on a wire works well (and better than verticals)
 - b) sunday 20:00 local 1855, low power is okay, <<<<<<***** new night to spread out the nets.

========The Business Part=========

- 9) officer reports:
 - a) secretary's report from wa0www; the last monthly minutes: http://www.sdxa.org/?cat=10;
 - b) treasurer's report from k7kb:
 - i) expenses Groups i/o fees of \$220. and ARRL club insurance of \$200.
 - ii) income one dues of \$19.11 (from pay pal)

old business:

10) none tonight

new business:

- 11) dues are due, pay by march meeting to remain on the roster. link is on the SDXA web page.
- 12) getting a video/mic splitter to improve our hybrid meetings. K7TQ and N7GCO explained how we can have multiple cameras and mics at the hybrid meetings, to make it better for those on-line. and with so many members a long distance away, this will be great to have.
 - a) looking at a Blackmagic Design ATEM Mini Pro HDMI Live Stream Switcher
 - b) _k7sto_ moved to allow up to \$350 for a video/mic mixer/splitter. _k6xt_2nded
 - c) no discussion on the motion
 - d) are there any objections or abstains? none heard, motion passes.
 - i) there were 19 members in good standing present. (17 needed)

13) history/other/future:

- a) SDXA meetings starting in 2023, just a reminder:
 - i) update jan23: For 2023 SDXA will have 7 Zoom meetings (January, February, March, June, August, September, December) and two in-person meeting with limited Hybrid (May and November) and two in person social meetings (Summer picnic in July&October Awards Dinner).
- b) 2024 field day again at fire station where the ID renegades have done field day before. 2A?
- c) 2024 summer picnic will again be at Diane's and Del's wa7aqh.
- d) Trustee for K7SDX license is now K7STO (expires: 10dec32)

14) new members of late:

- a) oct23: K7CGA BoB Kesson (Hayden)
- b) oct23: KK7ONR Mateo Ekholm (Spokane
- c) oct23: KC7AAD Rod Ekholm (Spokane)
- d) jun23: W6WBO Steven Hartzell (Spokane)
- e) jun23: W7LEA Leigh Ann Nielson (Moses Lake)
- f) jun23: W7BJN Brian Nielson (Moses Lake)
- g) feb23: K7LIL Khilil Islam-Zwart (Spokane)
- h) feb23: KK7BYD Brian Curtis (Davenport)
- i) feb23: W7HTA Henry Anderson (Spokane)
- j) jan23: W7RJR Robert Raymond (Spokane)
- k) jan23: K7NT Michael Conatore, K7NT (Richland)
- L) jan23: W7BVN Ron Valley (Spokane)

15) next month & adjourn

- a) 04jan24 program, see above
- b) respectfully submitted by wa0www, jay, secretary.
- c) and the great refreshments you did for yourselves, thanks.

16) <u>committees:</u>

- a. awards: n7gco and k7tq
- b. card checker: ad7xg
- c. club log: n7uvh
- d. contests: k7tq
- e. convention: n7gco and k7tq was for 2022
- f. Dxing coming up: k7tm
- g. DX awards: 100 Country Club & Challenge: k7sto
- h. DX nets: n7uvh:
- i. finance: k7kb with k7gs and wa7aqh <== new october 2022
- j. groups.io: k7tq, (k7kb, n7gco)
- k. health and welfare of members: k7gs
- historian: k7awb
- m. hybrid meetings: open
- n. k7sdx trustee: k7sto
- o. library: sdxa secretary
- p. local remote station/mentor: wa7aqh
- q. media: __open__
- r. membership: k7kb
- s. million point club: k7tq
- t. new to hf mentoring: wa7aqh
- u. pre-meeting zoom hosts: n7uvh and nz2s
- v. photographers: nz2s and k7tm
- w. programs: ac7dc <<< new for 2024

x. qsl card checking: ad7xgy. Spokane hamfest: wa0wwwz. SDXA youtube channel: n7gcoaa. technical: k7gs and nz2s

bb. web: n7gco and k7kb (wa0www, minutes and contest/award history)

cc. zoom: n7gco

ee. officers:

i)	President:	K7TQ	Randy Foltz,	Moscow, ID 83843	
ii)	<u>Vice President:</u>	N7GCO	Mel Ming,	Cheney, WA 99004	2023
iii)	Vice President:	AC7DC	Jay Lopes,	Lacrosse, WA 99143	2024
iv)	Treasurer:	К7КВ	John Gager,	Colbert, WA 99005	
ν) [*]	Secretary:	WAOWWW	Jay Holcomb,	Newman Lake, WA 99025	(jayw)
vi)	Past President:		-	Davenport, WA 99122	

17) DX coming up

- a) http://www.ng3k.com/Misc/adxoc.html
- b) for most wanted: http://www.clublog.org/mostwanted.php

rank	StartDat	e En	Date	DXCC Entity	Call	QSL via	Info
106	Nov08	Dec	8	Tanzania	5H3MB	LoTW	By IK2GZU; HF; SSB CW RTTY FT8; dipoles, ground plane; spare time operation; QSL via Club Log OQRS or IK2GZU (B/d)
28	Dec05	Dec:	10	Lakshadweep	<u>VU7A</u>	W4VKU	By W4VKU fm IOTA AS-106; 160-6m; SSB FT8
118	Dec06	Dec:	L9	Burkina Faso	XT2AW	MØOXO OQRS	By DF2WO fm Ouagadougou; HF; CW SSB FT4 FT8; 100w
44	Dec16	Deci	26	Andaman & Nicobar	VU4N	W4VKU	By W4VKU; 160-6m; SSB FT8
90	Dec27	2024	↓ Jan06	Rodrigues I	3B9AT	LoTW	By IK3ZAQ IV3JVJ fm IOTA AF-017; 40-10m; CW SSB FT8; QSL via IV3JVJ
37	2024 Jan1	2 2024	Jan20	Ethiopia	ET3AA	N200	By W9XY K4ZW; HF
94	2024 Jan1	8 2024	Feb01	Clipperton I	TX5S	LoTW	By team fm IOTA NA-011 (DK50jh); 160-6m, incl 60m; SSB CW RTTY FT8; dates subject to change; see Web for full QSL details
18	2024 Jan2	5 2024	Feb12	Yemen	702WX	IZ8CCW	By OK2WX fm Socotra I; HF w/ focus on low bands; monoband verticals for 160 80 40m; QRV for CQ 160m CW
119	2024 Feb1	3 2024	Feb20	Juan Fernandez	<u>CB0ZA</u>	HA1AG	By CE1EW XQ1KZ CE1KV XQ3SA XQ3SK AB5EB HI3R NP4G HA1AG N5KO fm IOTA SA-005; 160-2m; SSB CW RTTY FT8 + EME; dates subject to change; see Web for full QSL details
116	2024 Feb2	0 2024	Feb27	Mauritius	3B8	LoTW	By OK6DJ as 3B8/OK6DJ; 40-10m; CW; QSL via Club Log OQRS
103	2024 Feb2	2 2024	l Mar07	Temotu	<u>H40WA</u>	LoTW	By N7QT N6PSE VE7NY OE1JUN DJ9RR HA0NAR W7XU N6XG fm IOTA OC-065 (RH29vg); 160-10; CW SSB FT8 (f/h); QSL via M0URX; QRV for CQWW SSB
75	2024 Mar2	9 2024	↓ Mar31	Mayotte	T04VV	LoTW	By FH4VVK fm Quatier Cabaribere; HF; SSB FT8; QSL via Club Log OQRS or FH4VVK direct
75	2024 Apr0	5 2024	Apr07	Mayotte	T04VV	LoTW	By FH4VVK fm Quatier Cabaribere; HF; SSB FT8; QSL via Club Log OQRS or FH4VVK direct
75	2024 Apr1	2 2024	Apr14	Mayotte	T04VV	LoTW	By FH4VVK fm Quatier Cabaribere; HF; SSB FT8; QSL via Club Log OQRS or FH4VVK direct

c) other DXpeditions

StartDate	End Date	DXCC Entity	Call	QSL via	Info
		Dominican			By VE3MZD as HI8/VE3MZD fm Santo Domingo; HF; SSB + digital; holiday
Nov30	Dec08	Republic	HI8	LoTW	style operation
Nov26	Dec08	St Martin	<u>T09W</u>	LoTW	By K9NU N9EP FS4WBS W9AP K9EL; 160-6m; CW SSB FT8 FT4 RTTY; QSL via Club Log OQRS
Nov30	Dec09	Vietnam	3W9C	LoTW	By SP5APW fm Con Son I (IOTA AS-130); 20 17 15 10 6m; SSB FT8, some CW; FT8 on 6m; tx 53.313 or 53.323, rx 50.313 or 50.323; 100w
Dec04	Dec12	British Virgin Is	VP2VMM	LoTW	By Team Vertical; mainly 20-10m; CW SSB + digital; QRV for ARRL 10m Contest
Dec07	Dec14	Surinam	PZ5NH	ЈАОЈНQ	By JA0JHQ; HF; CW SSB FT8
Dec04	Dec16	Micronesia	V6EU	LoTW	By DL2AWG DK2AMM DL2AMD DF4GV fm Chuuk I (IOTA OC-011); 160-10m, perhaps 6m; SSB CW RTTY FT8; QSL via Club Log OQRS or DL2AWG
Dec09	Dec18	St Kitts & Nevis	V47JA	LoTW	By W5JON fm Calypso Bay; 160-6m; SSB FT8; yagi, verticals; QSL also OK via W5JON direct
Dec05	Dec21	East Kiribati	<u>T32TT</u>	LoTW	By Rebel DX Group; 160-6m; focus on FT8 FT4 some CW SSB; begin and end dates are approximate
Dec11	Dec22	Cape Verde Is	D44MCS	LoTW	By OE3MCS fm Sal I (IOTA AF-068); 40-10m, perhaps 6m; SSB CW, perhaps FT8 and RTTY; QSL via OE3MCS
Nov28	Dec31	Curacao	PJ2ND	LoTW	By K8ND; HF; QSL via KU9C or K8ND; will use PJ2T in contests;

					operation to continue until Jan 31, 2004
D 20	2024 7	16 5 1 6 1	T005)/	051	
Dec29	2024 Jan	16 French Guiana	102FY	eQSL	By F4GPK fm Korou; @FY5KE; HF; SSB; holiday style operation
2024 7 42	2024 7	10 0 1			By JH6WDG as T88AQ, JA6KYU as T88HS, JR6DRH as T88RH, JA6EGL as T88SM
2024 Jan12	2024 Jan	18 Palau	T8	See Info	
2024 Jan11	2024 Jan	24 Barbados	8Р9СВ	LoTW	By WA7RAR; 20-10m; CW SSB; 100w; 1/4 wave vetical; QSL to WA7RAR direct
				Club Log	
2024 Jan17	2024 Jan	24 Dominica	J79	OQRS	By FM5BH as J79BH and F8AAN as J79AN; HF; CW SSB FT8
2024 Jan11	2024 Jan	30 Montserrat	VP2MDX	LoTW	By W2APF; HF; operation to continue until Apr 11 2024
				Club Log	By DL4MM as P4/DL4MM and P40AA; 160-10m; CW FT8 FT4 SSB; SOA in CQ
2024 Jan19	2024 Jan	31 Aruba	P4	OQRS	160m CW Contest
					By MOSDV DK6SP DJ4MX HA8RT as TBA; 160-6m; CW SSB FT8 RTTY; QSL via
2024 Feb14	2024 Feb	24 Guyana	<u>8R</u>	LoTW	M00XO OQRS
		_			By DL2GAC fm QI01hp; 160-6m; SSB FT8; 800w; QRV for CQ 160m SSB; QRV
2024 Feb10	2024 Feb	28 Solomon Is	H44MS	LoTW	holiday style until Apr 29
		St Kitts &			
2024 Feb25	2024 Mar	04 Nevis	V4	K1ZN	By K1ZN as V44/K1ZN fm St Kitts; HF
2024 Mar04	2024 Mar	16 Grenada	J3	LoTW	By ON4HIL ON4MA ON5RA ON5TN ON6CC ON7RU; 160-10m
2024 Mar16	2024 Mar	21 Bahamas	<u>C6A</u>	LoTW	By WA1JAY as WA1JAY/C6A; mainly 10m; FT8 FT4 SSB
2024 Mar02	2024 Mar	30 Sint Maarten	РЈ7АА	LoTW	By AA9A; 40-6m; CW; FT8 FT4; QSL via AA9A direct
2024 Mar01	2024 Mar	31 Benin	TY5C	LoTW	By F5NVF 7X2TT F5RAV; HF; CW SSB FT8; QSL via F5RAV direct
2024 Mar25	2024 Apr	03 Austral Is	TX5XG	LoTW	By JA1XGI fm IOTA OC-114; 160-6m; CW + digital + Greencube SAT
		c. p. 0			By KV1J as FP/KV1J; HF, focus on 60m (FT8 on 5357khz) + 12 10 6m; SSB
		St Pierre &		l	FT8; QRV for IARU Contest; QSL via Club Log OQRS or KV1J Buro or
2024 Ju102	2024 Jul	15 Miquelon	FP	LoTW	direct (w/ 1USD + SASE)
		Tristan da			By W7GJ fm IOTA AF-029 (IF32uw); 6m; mainly EME, some SSB FT8; dates
2024 Aug23	2024 Sep	30 Cunha	ZD9GJ	LoTW	tentative

18) contests coming up: calendar has moved: http://www.contestcalendar.com/

- a) see above for other contest this coming month.
- b) Pacific NW Challenge Trophy contests:

+ CQ Worldwide DX Contest, RTTY	#1 done	0000Z, Sep 23 to 2400Z, Sep 24
+ CQ Worldwide DX Contest, SSB	#2 done	0000Z, Oct 28 to 2359Z, Oct 29
+ CQ Worldwide DX Contest, CW	#3 done	0000Z, Nov 25 to 2400Z, Nov 26
→ ARRL RTTY Roundup	#4 coming	1800Z, Jan 6 to 2400Z, Jan 7
← CQ WW RTTY WPX Contest	#5	0000Z, Feb 10 to 2400Z, Feb 11
→ ARRL Inter. DX Contest, CW	#6	0000Z, Feb 17 to 2400Z, Feb 18
+ ARRL Inter. DX Contest, SSB	#7	0000Z, Mar 2 to 2400Z, Mar 3
← CQ WW WPX Contest, SSB	#8	0000Z, Mar 30 to 2400Z, Mar 31
+ CQ WW WPX Contest, CW	#9	0000Z, May 25 to 2400Z, May 26
IARU HF World Championship	#10	1200Z, Jul 13 to 1200Z, Jul 14

PACNWDX challenge trophy cup contests, above:

a. please send your claimed scores in body of email to SDXA io group or SDXA secretary

b. to help keep the super check partial files complete consider to cc k5zd@contesting.com when you submit your Cabrillo logs.

c) other contests for internal SDXA incentives:

ARRL Inter. Digital Contest	1800Z, Jun 1 to 2400Z, Jun 2
→ World Wide Digi DX Contest	1200Z, Aug 24 to 1200Z, Aug 25

d) other contests for internal SDXA interest

⊦ Washington State Salmon Run	1600Z, Sep 16 to 0700Z, Sep 17 and 1600Z-2400Z, Sep 17
+ Idaho QSO Party	1900Z, Mar 9 to 1900Z, Mar 10
7th Call Area QSO Party	1300Z, May 4 to 0700Z, May 5

19) SDXA membership

members	for the activity		22	26	17	18	22	22	15	16	18+7	22	23	27	25	17	21	20
visitors	before folks up and down		2	1	3+4	1	5	7+11	2	2	2	5+8	8	3	6	2	7	1
call	operator	sort	dec 23	nov 23	oct awds	sep 23	aug 23	pic	fd	jun 23	may 23	apr 23	mar 23	feb 23	jan 23	dec 22	nov 22	oct 22
aa7tq	gordon	1																
ac7dc/n7zuf	jay	2	1	1	1	1	1	1		1	z	1	1	1	1	1	1	1
ac7gl	rod	3																

ad7xg	gary	4	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1
ad7xg-xyl	svetlana	5			1			1	1	1	1	1			1			1
af7wh	dale	6		1														
ag7ig	mike	7	1	1		1				1		1	1	1		1	1	1
ag7qp	frank	8			1		1	2			1	1	1	1				
ai7cr	josh	9																
ja3czy	elvin	10																
k0ng	peter	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
k2gep	gregory	12																
k6xt/k7ox	art	13	1	1			1			1	z		1	1				1
k7awb	steve	14																
k7efx	john	15																
k7gs	gary			1				1			z		1	1	1	1		1
k7hpt	mark	16		-				-					-	-	<u> </u>	-		-
k7kb	john	17	1	1	2	1	1		1		1	2	1	1	1	1	1	
k7lil	khilil	18		-		-			-									
k7111	michael	19								1								
		20								1								
k7ogw	dennis	21												_				_
k7phm	rick	22	_	_	_	_		_	_					1	1	_	1	1
k7sto	michael	23	1	1	2	1	1	2	1		1	1+1	1	1	1	1	1	1
k7sys	john	24			1					1							1	
k7tm	bob	25	1	1	1	1	1	1	1	1	1	1+1	1	1	1	1	1	1
k7tq	randy	26	1	1	2	1	1	2	1	1	1	2	1	1	1	1	1	1
k9jf	jim	27				1		1										
kb7bek	cathy	28																
kc7ttm	cleo	29																
kc7ug	tom	30		1									1	1		1		1
kd7ghz	mike	31						1							1		1	1
kf7pbm	joseph	32											1	1				
ki7dg	chuck	33	1	1		1												
kj6mic	mike	34		1		1	1		1		z				1			1
kj7iea	peter	35	1	1		1	1	2		1	z		1	1	1		1	1
kk7byd	brian	36	1	1			1	2		1		1						
kk7dri	lorelei	37																
kk9ham	albin	38																
kq7c(w7npn)	sarah	39																
ku7y	ron	40																
n7au	bob	41	1	1			1					1+1	1		2			
n7cxi	jim	42																
n7ecv	shawn	43										2						
n7esu	jim	44	1	1		1			1	1	1		1	1	1	1	1	1
n7gco	mel	45	1	1	1	1	1	1	1	1	1	1+1	1	1	1	1	1	
n7id	mike	46																
n7kr	mike	47																
n711	david	48	1	1	1	1	1	2				2	1	1	1			1
n7qt	rob	49													1			
n7uvh	murph	50	1	1	2	1	1		1		1	2		1	1	1	1	1
na7tp	ted	51						3										
ne7f	jim	52						-										
nh7s	cal	53																
nz2s	jeff	54	1	1	1	1	1	2			z	2	1	1	1	1		
w0cg/pj2dx	geoff		-	-	-	-	1	-				_	-	<u> </u>	<u> </u>	-		
w6cg/pj2dx w6aea	george	55					-											
woaea w7bjn		56		1														
	brian		1	1			1		1	1	1	2	1	1	1	1	1	1
w7bks	brandon	57	1	1			1		1	1	1		1	1	1	1	1	1
w7bvn	ron	58									1			1				
w7dct	david	59																
w7drn	anita	60			1			1	_			1						
w7gsv	robert	61						_	1					_				
w7gtf	ron	62						2										
w7hta	henry	63									Z							

		1			1														
w7mem	mark	64																	
w7peg	peggy	65																	
w7rjr	robert	66										1							
	robert											<u> </u>							
w7sx	1	67																	
w7tg	tom	68																	
w7uj	ed	69																	
w8qr	moe	70																	
w8tjm	toivo	71																	
wa0www	jay			1	1	1	1	1	1	1	1	1	1+1	1	1	1	1	1	1
		72		1	1	1	1	-	-	-	1	1	1+1		1	1			1
wa1pma	wayne	73																	
wa6ndr	rick	74																	
wa7aqh	del	75		1	1	1		1	2		1	1	2	0	1	1	1	1	1
wa7сра	robin	76						1						1		1			
wa7f	dave								2										
		77								_		_				_		-	
wa7tnt	dave	78								1		1		1		1		1	
ws7i	jay	79							2						1				
wu7x	dale	80		1					2			1	1		1				
ww5a	ken	81																	
wx7b	chris	82																	
wx7dx																			
wx/ax	karl	83			_														
		84																	
<mark>visitors</mark>		85																	
ac7mv	david	86																	
ac7t	doug	87														1			
ad7ja	tokuzo (m&k)	88												1					
ad7qj	harold	89						1				1			1	1		1	
ae7gt	marybeth	90													_				
jr1nkn	atsushi													1					
	(m&k)	91																	
k5em k7ake	justin	92 94														1		1	
k7are	gary al	95									1							1	
k7ekm	Kirk	95.5							2										
k7gs-xyl	cille	96							1										
k7wtg	pete													1					
	(m&k)	97						_										_	
kb7hdx	mark diane	99					1	1							1			1	
kb7jbx	(n7au)	100											1						
kb7vv1	Mike	100.5								1									
kd7wnv	robert(m													1					
KU/WIIV	&k)	101																	
kf7ik	Norman							1											
	Gray whit	101.5																	
kg7lnz	(m&k)	103												1					
kz1w	grant	106																1	
n0dxm	juaquett					1			1				1						
	a (www)	107				-			-				-						
n1dg n6tv	don bob	108 109		1															
	martha	103		1	-														
n7gcn	(n7gco)	110				1			1				1						
n7hcj	woody	111		1	1						1		1	1	1	1	1		
n7jp	jack	112														1			
n7jvq n7ksc	lynn	113 113.5			-					1	-	-				-		1	
n7ksc n7sjm	Ken scott	113.5								1									
n7un	guy	115														1			
n7wa	mike							1						1					
	(m&k)	116						1						1					
nw3d	verne	118																1	
w3as	doug richard	119			-						-	-				-			
w7ink	richard (m&k)	120												1					
w7rjr	bob	121													1				
w7saf	shirley								2 1										
	(k9jf)	122							₹1										
w7scd	scott	123						1									1	1	
w7yaq	bob yvonne	125.5	-		-						1	-				-			
wa7yei	(k7tm))	126				1			1				1						
wb7qvp	jan	127																1	