



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



SDXA - 05 dec 24

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

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

1) the program, introduced by n7gco. if you can hold questions to the end, that will help.
 a) **program:** Ham Radio DXing with Lucas Ford W6AER

2) new association members in the last monthish, none:
 a) 82 members, 6 honorary, 76 voting, 75 licensed; 31 arrl dxcc, 2 non-arrl dx

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

3) up coming programs / VP's officer report from n7gco for ac7dc; also see web page and i/o emails:
 i) 04jan: N9ADG, Brian Moran; WSJT-X: A Look into new developments
 ii) 06feb: AJ8B, Bill Salyers: Helically Wound Vertical for 160M Antenna
 iii) 06mar: N6ARA, Ara Kourchians; POTA: Exciting Way to Get on the Air
 iv) 03apr/hybrid meeting: K7TQ, our own Randy; Mobile QSO Parties
 v) 01may: Bruce Horn, WA7BNM, The WA7BNM Contest Calendar and the 3830 Reporting site

4) up coming DX from k7tm:

Nov 30 - Dec 13	St Martin	T09W	4 Ops: HF; CW SSB FT8 FT4 RTTY
Nov 25 - Dec 09	Central African Rep	TL8ES	160-6m; SSB CW FT8 FT4 RTTY
Nov 27 - Dec 10	Singapore	9V1CF	40-10M; SSB, perhaps FT8; spare time operation
Nov 27 - Dec 11	Andaman & Nicobar	VU4A	HF; SSB; FT8
Nov 29 - Dec 13	Marshall Is	V73WE	40-10m; CW SSB FT8; verticals, quad, yagi
Nov 30 - Dec 08	Sierra Leone	9L5A	160-6m; CW SSB RTTY FT8
Nov 30 - Dec 13	St Martin	T09W	4 Ops: HF; CW SSB FT8 FT4 RTTY
Dec 01 - Dec 10	Cuba	T46W	8 Op; 160-6m
Dec 02 - Dec 07	India	AU2K	4 Ops; 40-10m; CW SSB FT8
Dec 05 - Dec 17	St Kitts & Nevis	V47NH	40-10m; SSB
Dec 08 - DEC 18	Br Virgin Is	VP2VMM	4 Ops; ARRL 10m Contest
Dec 13 - Dec 19	Bangladesh	S21DX	By 18 S21 ops; 160-10m; SSB RTTY FT8 (f/h); 4 stations
Dec 20 - Dec 31	French Guiana	T00J	80-10m; CW SSB, ft8
Dec 26 - Jan 04	Dominica	J75K	3 Ops; 160-6m; SSB, CW, FT8
Dec 30 - Jan 03	Mariana Is	KH0/AJ6VJ	40 - 10m; CW, SSB, FT8

a) also see below for a couple of lists of upcoming DXpeditions.

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

i) nothing brought up this month from the floor.

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

1. oct 2024: \$202.11: VU4X Andaman Island, <https://www.qrz.com/db/VU4A>
2. jun 2024: \$125: XT2MD Burkina Faso link maybe, not checked out: mdxc.org/xt2md-2024/
3. may 2024: \$100: CY9C St. Paul <https://t-rexsoftware.com/cy9c/index.htm>
4. may 2024: \$281.61: FT4GL Glorioso Island <https://ft4gl.blogspot.com/>
5. apr 2024: \$250: N5J Jarvis Island <https://jarvisisland2024.com/>
- 6.

5) up coming contests:

a) quick summary of the CQ WW CW contest a couple weeks back: 8.4M, 371% of last year, yes that is correct and wow wow.

i) have to give the top 3 a mention: Mike, K7NT with 2,562,846 from the tri-cities. Randy, K7TQ with 1,736,600 from Moscow, Id and Murph with 1,065,426 from Post falls. congrats guys.

b) the 4th contest of the Pacific NW DX Challenge Trophy Cup with the other Pac NW clubs.

i) we will meet in january before this, though giving you a heads up.

+ ARRL RTTY Roundup	#4 now	6) 1800Z, Jan 4 to 2400Z, Jan 5
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- i) remember this contest is only 30 hours, starts our saturday morning at 10:00pt local.
- ii) and can only work a total of 24 hours for points, but all 30 to give others points.
- iii) no 160m and the exchange for us is: 599 WA or ID, DX will send 599 and serial number
- iv) Qs are 1 point, and state and DXCC entities (includes HI and AK) multipliers once in contest

b) **ARRL 160-Meter Contest, cw only**

- i) Exchange: W/VE stations send a signal report and their ARRL/RAC Section. **DX stations send a signal report.**
- ii) Scoring: Each contact between W/VE stations counts for two (2) QSO points. Each contact with a DX station counts five (5) QSO points. To calculate your final score, multiply the total QSO points by the number of ARRL/RAC sections (ARRL Contest Multipliers List) and DXCC entities you contacted.

c) **ARRL 10-Meter Contest**

- i) Exchange: All stations send a signal report. W/VE stations, including Alaska and Hawaii) send their state or province. (District of Columbia stations send "DC".) **Mexican stations send their state or province. DX stations send a serial number.** Maritime mobile stations send ITU Region (1-3).
- ii) Scoring: Each phone contact counts for two (2) QSO points. Each CW contact counts for four (4) QSO points. To calculate your final score, multiply the total QSO points by the number of US states (plus the District of Columbia), Canadian Provinces and Territories, Mexican states, DXCC entities, and ITU regions you contacted. Each multiplier counts once on phone and once on CW. See the ARRL Contest Multipliers List for a list of abbreviations.

d) **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.

- i) a good contest calendar: <http://www.contestcalendar.com/>

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

+ ARRL 160-Meter Contest	2200Z, Dec 6 to 1600Z, Dec 8
+ FT Roundup	1800Z, Dec 7 to 2359Z, Dec 8
+ ARRL 10-Meter Contest	0000Z, Dec 14 to 2400Z, Dec 15

+ RAC Winter Contest	0000Z-2359Z, Dec 28
+ Stew Perry Topband Challenge	1500Z, Dec 28 to 1500Z, Dec 29

+ ARRL RTTY Roundup	1800Z, Jan 4 to 2400Z, Jan 5
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e) **internal to SDXA will have the Work Europe (new this year) and the 5 by 6 with awards this contest season including these 10 PAC NW DX contests plus the two digital contests (june and august).**

- i) **Work Europe** - there are ~68 entities

1. am entity counts only once over the 10 Pac NW DX contest season, independent of mode.
 - (a) For Million Points Club: 35 (up'd from original 25) EU countries over the contest season
 - (b) For non-Million Points Club: 30 (up'd from original 20) EU countries over the contest season

- ii) In 5 by 6 work 5 DXCC entities in each of the 6 continents

1. All members can use all 10 of the PNW DX Competition contests and not the 2 digi contests this year.

7) hints and ideas

- a) How to make a CW (tunable) resonant speaker that can be switched in and out, by Gary Swartout, K7GS

8) SDXA Nets (Murf) fyi - not discussed tonight, just fyi:

- a) wed 8:00 local 3840, 100w on a wire works well (and better than verticals)
- b) sun 20:00 has moved to 6m on 50.140 USB, with N7CXI Jim as net control
- c) tues 20:00 now has 160M on 1855 kHz LSB, with AD7XG Gary as net control

=====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 wa0www for k7kb:
 - i) expenses: groups i/o - \$220; vu4a - \$202.11; hotel for Rob 125.13; for a total of \$547.24
 - ii) income: 0

old business:

10) did sell the better generator

- a) generators for sell: 3800kw is in fair shape (need carb work we think) and a 5000kw good shape and AD7XG did get it sold, \$200.

new business:

11) **2025 dues of \$20 can be sent in anytime – Paypal link on home page.**

12) **new radios:**

- a) from an SK from the twisp area - some things including a very nice IC-7700
 - i) Ron W7GTF, also has decided to donate another nice IC-7700 to the club, **thanks much Ron!**

13)

14) **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 (April and November) and two in person social meetings (Summer picnic in July or August & October Awards Dinner).
- b) **2025 field day** - tbd
- c) **2025 summer picnic** - tbd
- d) **Trustee** for K7SDX license is now K7STO (expires: 10dec32)
 - i) rules for using K7SDX
 - 1. if the trustee gets any requests, he will run it past the current club officers.
 - 2. Listen to any fore or against objections and then make an assessment as to whether to approve or disapprove (and document accordingly).

15) **next month & adjourn**

- a) **02jan25: on zoom. see above for program info.**
- b) respectfully submitted by wa0www, jayw, secretary.

16) **new members of late:**

- a) aug24 KB7HDX Mark Tharp (Yakima)
- b) aug24 KK7TUR Jim Grapes (Spokane)
- c) may24 K7WIIQ Merle Trenary (Elk)
- d) mar24 N7KSC Ken Cleaver (Chattaroy)
- e) dec23 K2GEP Gregory Preuss (Mead)
- f) oct23: K7CGA Bob Kesson (Hayden)
- g) oct23: KK7ONR Mateo Ekholm (Spokane)
- h) oct23: KC7AAD Rod Ekholm (Spokane)
- i) jun23: W6WBO Steven Hartzell (Spokane)
- j) jun23: W7LEA Leigh Ann Nielson (Moses Lake)
- k) jun23: W7BJN Brian Nielson (Moses Lake)
- l) feb23: K7LIL Khilil Islam-Zwart (Spokane)
- m) feb23: KK7BYD Brian Curtis (Davenport)
- n) feb23: W7HTA Henry Anderson (Spokane)
- o) jan23: W7RJR Robert Raymond (Spokane)
- p) jan23: K7NT Michael Conatore, K7NT (Richland)
- q) jan23: W7BVN Ron Valley (Spokane)

17) **committees:**

- a. awards: n7gco and k7tq
- b. card checker: ad7xg
- c. club log: n7uvh
- d. contests: k7tq and wa0www(pac NW DX 10 contests)
- 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
- j. groups.io: k7tq, (k7kb, n7gco)
- k. health and welfare of members: k7gs
- l. historian: k7awb
- m. **hybrid meetings: __open__ (k7tq for now)**
- n. k7sdx trustee: k7sto
- o. library: sdx secretary (wa0www)
- 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: varies

- v. photographers: nz2s and k7tm
- w. programs: ac7dc
- x. qsl card checking: ad7xg
- y. Spokane hamfest: wa0www
- z. SDXA youtube channel: n7gco
 - i) the YouTube channel: <https://www.youtube.com/channel/UCMF5QzqCJ65iJupGW64>
- aa. technical: k7gs and nz2s
- bb. web page ongoing maintenance: w7bks (w/k7kb (&wa0www, minutes and contest/award history))
- cc. new updated web page: w7bks
- dd. zoom: n7gco (k7tq)
- ee. ~~SDXA cluster:(could investigate, could add to our go daddy for www.cluster.sdx.org)~~
= though thanks to ws7i, Jay, for his local cluster many of us use, ws7i.ewarg.org
- ff. officers:
 - i) President: K7TQ Randy Foltz, Moscow, ID 83843
 - ii) Vice President: AC7DC Jay Lopes, Lacrosse, WA 99143
 - iii) Treasurer: K7KB John Gager, Colbert, WA 99005
 - iv) Secretary: WA0WWW Jayw Holcomb, Newman Lake, WA 99025
 - v) Past President: AD7XG Gary Bytnar, Davenport, WA 99122
 - vi) Past Vice President: N7GCO Mel Ming, Cheney, WA 99004

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
93	Nov27	Dec08	Sierra Leone	<u>9L5A</u>	LoTW	By F2DX HB9GWJ F1ULQ + large team; 160-6m; CW SSB; QSL via Club Log OQRS
38	Dec13	Dec19	Bangladesh	<u>S21DX</u>	LoTW	By 18 S21 ops fm Dhal Char I (IOTA AS-140); 160-10m; SSB RTTY FT8 (f/h); 4 stations; QSL via EB7DX
100	2025 Jan17	2025 Feb02	Mozambique	<u>C8K</u>	LoTW	By OK1BOA OK1FCJ OK1CRM OK1GK OK2ZA OK2ZC OK2ZI OK6DJ; 160-6m, incl 60m; SSB CW RTTY FT8 FT4 PSK; QSL vi OK6DJ
79	2025 Feb18	2025 Mar04	Christmas I	<u>VK9XU</u>	LoTW	By DL2AWG DF4GV DL2AMD DJ9RR CK6SJ; HF; CW SSB FT8 RTTY; 500w; 3 stations, 24/7; QSL via DL2AWG (LoTW after 6 months)
64	2025 Mar04	2025 Mar12	Cocos Keeling	VK9C	LoTW	By DL2AWG DF4GV DL2AMD DJ9RR CK6SJ as TBD; HF; CW SSB FT8 RTTY; 500w; 3 stations, 24/7; QSL via DL2AWG (LoTW after 6 months)
53	2025 Mar10	2025 Mar25	Andaman Is	<u>VU4X</u>	M0URX	By ON4AMX ON4HIL ON5UR ON5RA ON5TN ON6CC ON7FT ON7USB ON7RU ON8AZ PA9M PA3EWP; HF; CW SSB + digital; 6 stations
85	2025 Mar23	2025 Apr04	Rodrigues I	3B9DJ	LoTW	By OK6DJ OK7GU; 80-10m; CW SSB FT8; QSL via OK6DJ
71	2025 Jun01	2025 Jun10	Faroe Is	<u>OY</u>	LoTW	By WB2REM as OY/WB2REM W9MK W2WCM G6TFL V01DX K3BAB K4LT W4VKU likewise; 160-6m; CW SSB FT8 FT4; QRV for ARRL VHF Contest; QSL via Club Log OQRS or WB2REM

c) other DXpeditions

StartDate	End Date	DXCC Entity	Call	QSL via	Info
Dec02	Dec07	India	AU2K	Club Log OQRS	By VE3LYC VU2RS VU3WEW VU3DXA fm Kanika I (IOTA AS-179); 40-10m; CW SSB FT8; full QSL details at: https://au2k.weebly.com/log--qsl.html
Nov08	Dec12	Fiji	3D2TP	PA3CBH	By PA3CBH fm Suva; HF; SSB CW; spare time operation
Nov30	Dec13	St Martin	T09W	LoTW	By K9EL K9NU W9MR W9AP; HF; CW SSB FT8 FT4 RTTY; QSL via W9ILY (B/d), direct w/ 2.5 USD
Dec08	Dec18	Br Virgin Is	<u>VP2VMM</u>	LoTW	By K2KW AG9A KD4D K5PI; QRV for ARRL 10m Contest; QSL via KU9C
Dec20	Dec31	French Guiana	<u>T00J</u>	LoTW	By OZ0J; 80-10m; CW SSB, but mainly FT8 (mainly f/h); QSL via Club Log OQRS
Dec30	2025 Jan03	Mariana Is	<u>KH0</u>	LoTW	By AJ6VJ as KH0/AJ6VJ fm San Roque; 40 20 17 15 12 10m; CW SSB FT8; 50w; vertical; QSL via Club Log OQRS
Dec26	2025 Jan04	Dominica	J75K	LoTW	By FM5WD IV3JVJ IK3ZAO fm IOTA NA-101; 160-6m; SSB CW FT8; QSL via IV3JVJ
2025 Jan04	2025 Jan05	Gambia	C5RK	EA7FTR	By F4GJE; 80-10m; SSB FT8 FT4
2025 Jan11	2025 Jan12	Senegal	6W1RD	EA7FTR	By F4GJE; 80-10m; SSB FT8 FT4
2025 Jan12	2025 Jan27	Marquesas	<u>TX7N</u>	LoTW	By F6BCW F5SDD + 12 op team fm Hiva Oa I; 160-6m; 5 stationsn; 24hrs/7days; QSL via Club Log OQRS

2025 Jan10	2025 Jan31	Benin	TY5C	LoTW	By F5NVF fm Godomey; 80-10m; CW FT8; 100w; wire; holiday style operation; QSL via F5RAV direct
2025 Feb08	2025 Feb15	St Helena	ZD7KYD	KY8D	By KY8D; @ZD7CT0; 17-10m; CW; 50w
2025 Feb12	2025 Feb16	Bahamas	C6ADA	LoTW	By K2KJD K4SGR; HF; CW SSB, some FT8
2025 Feb11	2025 Feb23	Marshall Is	V7	LoTW	By DK6SP DJ4MX HA8RT M0SDV E77DX as TBD; 160-6m; CW SSB RTTY FT8; 4 stations; QSL via DJ4MX
2025 Feb19	2025 Feb27	St Martin	FS	DF8AN	By DF8AN as FS/DF8AN; 80-6m, incl 60m; CW + digital, perhaps SSB
2025 Feb02	2025 Feb28	Senegal	6W7	Club Log OQRS	By ON4AVT as 6W7/ON4AVT fm Warang; 80-10m; SSB + digital; QSL via ON4AVT; operation to continue until Apr 10
2025 Mar01	2025 Mar01	Antigua & Barbuda	V26MN	DF8AN	By DF8AN; 80-6m, incl 60m; CW + digital, perhaps SSB
2025 Mar01	2025 Mar09	Montserrat	VP2MMN	DF8AN	By DF8AN; 80-6m, incl 60m; CW + digital, perhaps SSB
2025 Mar09	2025 Mar10	Antigua & Barbuda	V26MN	DF8AN	By DF8AN; 80-6m, incl 60m; CW + digital, perhaps SSB
2025 Mar10	2025 Mar11	St Martin	FS	DF8AN	By DF8AN; 80-6m, incl 60m; CW + digital, perhaps SSB
2025 Mar09	2025 Apr05	Sint Maarten	PJ7AA	LoTW	By AA9A; 40-6m; CW FT8 FT4; QSL via AA9A
2025 Apr09	2025 Apr15	French Polynesia	TX7XG	LoTW	By JA1XGI fm Fakarava Atoll (IOTA OC-066, BH73ev); 40-6m
2025 Apr18	2025 Apr27	Galalagos	HD8G	LoTW	By PY2PT PY2WAS PY5CC YT1AD + team fm IOTA SA-004 (EI49tf); 160-6m, incl 60m; SSB CW FT4 FT8 RTTY; QSL via M0URX OQRS
2025 Apr25	2025 May07	Austral Is	TX9A	DK8ZZ	By 9A2NA 9A3MR DK8ZZ fm IOTA OC-152; HF
2025 Jan10	2025 Oct16	Palau	T8	Home Call (B/d)	By JA6EGL as T88SM and JE6KFN as T88XK fm Koror; 160-6m; CW SSB + digital

19) **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, 2024-2025:**

+ CQ Worldwide DX Contest, RTTY	#1 done	0000Z, Sep 28 to 2400Z, Sep 29
+ CQ Worldwide DX Contest, SSB	#2 done	0000Z, Oct 26 to 2400Z, Oct 27
+ CQ Worldwide DX Contest, CW	#3 done	0000Z, Nov 23 to 2400Z, Nov 24
+ ARRL RTTY Roundup	#4 now	1800Z, Jan 4 to 2400Z, Jan 5
+ CQ WW RTTY WPX Contest	#5	0000Z, Feb 8 to 2400Z, Feb 9
+ ARRL Inter. DX Contest, CW	#6	0000Z, Feb 15 to 2400Z, Feb 16
+ ARRL Inter. DX Contest, SSB	#7	0000Z, Mar 1 to 2400Z, Mar 2
+ CQ WW WPX Contest, SSB	#8	0000Z, Mar 29 to 2400Z, Mar 30
+ CQ WW WPX Contest, CW	#9	0000Z, May 24 to 2400Z, May 25
+ IARU HF World Championship	#10	1200Z, Jul 12 to 1200Z, Jul 13

PACNWX challenge trophy cup contests, above:

- please send your claimed scores in body of email to SDXA io group or SDXA secretary
- 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 interest, 2025:**

+ Idaho QSO Party	1900Z, Mar 8 to 1900Z, Mar 9
+ 7th Call Area QSO Party	1300Z, May 3 to 0700Z, May 4
+ ARRL Inter. Digital Contest	1800Z, Jun 7 to 2400Z, Jun 8
+ ARRL Field Day	1800Z, Jun 28 to 2100Z, Jun 29
+ World Wide Digi DX Contest	1200Z, Aug 30 to 1200Z, Aug 31
+ Washington State Salmon Run	1600Z, Sep 20 to 2400Z, Sep 21

w7sx	robert	63																	
w7uj	ed	64																	
w8qr	moe	65																	
w8tjm	toivo	66																	
wa0www	jay	67	1	1		1		1	1	1	1	1	1	1	1	1	1	1	1
wa1pma	wayne	68																	
wa6ndr	rick	69						1											
wa7aqh	del	70		z	1		1+1	1		1			1	1	1	1	1	1	
wa7cpa	robin	71		z		1		1			z		1	1					
wa7f	dave	72																	
wa7tnt	dave	73																	
ws7i	jay(wv7y)	74		1		1	1+1						1						
wu7x	dale	75	1	1			1+1					1	1	1					
ww5a	ken	76																	
wx7b	chris	77																	
wx7dx	karl	78																	
visitors	'===	'==							'==	'==	'==	'==	'==	'==	'==	'==	'==	'==	'==
3w9a	Alex					1													
ac7t	doug	100											1						
g3tkf	robin	102											1						
k1rf	SteveDick	103.5							1										
k1rkk	raw-law	104											1						
k5zd	Randy					1													
k6rrs	jim							1											
k7ake	gary							1											
k7ekm	Kirk	107																	
k7gs-xyl	cille	108					1												
k7tq-xyl	meg			1	1		1												
k7pm	Paul					1													
k7y1	Marilyn					1													
k9ct	Craig								1										
kb7hdx	mark	111	--	--	--							1	1	1					1
kb7jbx	diane(n7a u)	112																	
kb7vv1	Mike Sheneman	113																	
kf7df	david							1											
kf7ik	Norman Gray	115																	
ki7dg-sk	chuck-23	117													1	1			1
ki7noo	matt							1			1								
ki7ujm	Brad					1													
ki7y	Jim					1													
kj7ksx	john	118												1					
kj7zji	amphil									1									
k19a	Chris	121												1					
kk7tur-y1	jim			1															
n0dxm	juaquetta (www)	125																	1
n3als	Steve					1													
n6tv	bob	127													1				
n7ecv	shawn-23	128																	
n7epd	Eric					1													
n7gcn	martha (n7gco)	129					1												1
n7hcj	woody	130	1		1						1	1	1		1	1			
n7jp	jack	133											1						
n7ksc	ken(chatt ory)	134	---	---	---	---	---	---	---	---	---	---	1						
n7wa	mike (m&k)	137				1		1											
nk7i	Rick									1									
nu7j	tom	138												1					
nv2z	dan										1								
w6aer	Lucas		1																
w7rps	Raoul					1													
w7saf	shirley (k9jf) (&son)	141					1												
w7scd	scott	142																	
w9xt	Gary Sutcliffe	144											1						
wb6jjj	Bill						1												
wa7yei	yvonne (k7tm))	145			1		1												1
	Tersa Sparling	146											1						
kj7oth	Jake								1										live up the road
kj7ziw	Nate								1										live up the road
no call									1+2										live up the road
no call	John								1										host at NFS camp ground