

# Spokane DX Association

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



#### SDXA - 02 jan 25

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 ac7dc. if you can hold questions to the end, that will help.
  - a) program: N9ADG, Brian Moran; WSJT-X: A Look into new developments
    - i) Brian is one of the development team for WSJT-X. He will update us on the developments with the Super Fox mode. He will help us understand:
    - ii) How to be better hounds using Super Fox
    - iii) How to better understand the relationship between FT8, Fox/Hound and Super Fox/Hound
    - iv) How the WSJT-X team is working to freeze out pirates with authentication.
    - $\nu$ ) What is in the pipeline for WSJT-X
    - vi) uploads to club log recently, >50% for Ftx, ~ 30% SSB, 9% CW
    - vii) Super Fox: 750-2262Hz, w/4 hound and 5 RR73s streams, not the best on 80M and 160M.

#### 2) <u>new association members in the last monthish, none:</u>

- a) dec24 W7SCD Scott Anderson (Spokane)
- b) 83 members, 6 honorary, 77 voting, 76 licensed; 31 arrl dxcc, 2 non-arrl dx

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

- 3) up coming programs / VP's officer report; also see web page and i/o emails:
  - i) 06feb: AJ8B, Bill Salyers: Helically Wound Vertical for 160M Antenna
  - ii) 06mar: N6ARA, Ara Kourchians; POTA: Exciting Way to Get on the Air
  - iii) 03apr/in person only meeting: K7TQ, our own Randy; Mobile QSO Parties
  - iv) 01may: Bruce Horn, WA7BNM, The WA7BNM Contest Calendar and the 3830 Reporting site

### 4) up coming DX from k7tm:

Dec 29 - Jan 14	Trinidad & Tobago	9Y4	By WA3DX as 9Y4/WA3DX fm Trinidad; 40-10m; FT4 FT8; QSL via WA3DX direct
Dec 29 - Jan 14	Galapagos	HD8FG	6m, check 50.313 or 50.323 MHz; FT8
Dec 30 - Jan3	Mariana	KH0/J01VRK	40 20 17 15 12 10m; CW FT8 FT4 RTTY SSB
Jan 01 - Feb 08	Guyana	8R1TM	HF; CW SSB + digital
Jan 04 - Jan 05	Gambia	C5RK	80-10m; SSB FT8 FT4
Jan 05 - Jan12	Honduras	K6VHF/HR9	80-6m; SSB CW RTTY FT8; 100w
Jan 10 - Jan 31	Benin	TY5C	By F5NVF; HF, perhaps 6m; CW FT8, some SSB
Jan 11 - Jan 12	Senegal	6W1RD	By F4GJE; 80-10m; SSB FT8 FT4
Jan 12 - Jan 15	American Samoa	KH8/OE3GEA	30-10m; CW
Jan 12 - Jan 27	Marquesas	TX7N	14 Ops ; 160-6m; 5 stationsn; 24hrs/7days
Jan 17 - Feb 02	Mozambique	C8K	8 Ops; 160-6m, incl 60m; SSB CW RTTY FT8 FT4 PSK
Jan 18 - Jan 28	Aruba	P40AA	160-10m; CW FT8 SSB; QRV in CQ 160m CW Contest
Jan 19 - Jan 27	Martinique	FM/F4IFF	HF; SSB + digital
Jan 21 - Feb 03	St Helena	ZD7DPX	160-6m; SSB FT8 FT4
Jan 23 - Jan 26	Turks & Caicos	VP5/0E3GEA	30-10m; CW
Jan 27 - Feb 15	Rwanda	9X2AW	160-10m; CW FT4 SSB
Jan 28 - Feb 02	Turks & Caicos	VP5/KD8RTT	HF

- 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: <a href="http://www.ng3k.com/Misc/adxoc.html">http://www.ng3k.com/Misc/adxoc.html</a>;
  - 1. oct 2024: \$202.11: VU4X Andaman Island, https://www.grz.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 <a href="https://t-rexsoftware.com/cy9c/index.htm">https://t-rexsoftware.com/cy9c/index.htm</a>
  - 4. may 2024: \$281.61: FT4GL Glorioso Island <a href="https://ft4gl.blogspot.com/">https://ft4gl.blogspot.com/</a>
  - 5. apr 2024: \$250: N5J Jarvis Island <a href="https://jarvisisland2024.com/">https://jarvisisland2024.com/</a>

#### 5) <u>up coming contests:</u>

a) any comments on the ARRL 160m, ARRL 10m or the FT Challenge/digital contest in december?

- i) none heard
- b) the 4th contest of the Pacific NW DX Challenge Trophy Cup with the other Pac NW clubs.

+ ARRL RTTY Roundup #4 now 1800Z, Jan 4 to 2400Z, Jan 5

- 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
- c) 2 admin notes:
  - i) please use the full "Spokane DX Association" for the club name when turning in scores to ARRL, CQ, etc.
  - ii) also, the ARRL SDXA members <250 miles eligibility list for contests has been updated.
- 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: <a href="http://www.contestcalendar.com/">http://www.contestcalendar.com/</a>

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

+ ARRL RTTY Roundup
1800Z, Jan 4 to 2400Z, Jan 5
North American QSO Party, CW
1800Z, Jan 11 to 0559Z, Jan 12
North American QSO Party, SSB
1800Z, Jan 18 to 0559Z, Jan 19
ARRL January VHF Contest
1900Z, Jan 18 to 0359Z, Jan 20
CQ 160-Meter Contest, CW
2000Z-2200Z, Jan 20
CQ 160-Meter Contest, CW
2200Z, Jan 24 to 2200Z, Jan 26
BARTG RTTY Sprint
1200Z, Jan 25 to 1200Z, Jan 26
Minnesota QSO Party
1400Z-2400Z, Feb 1
British Columbia QSO Party
1600Z, Feb 1 to 0359Z, Feb 2 and 1600Z-2359Z, Feb 2
CQ WW RTTY WPX Contest
0000Z, Feb 8 to 2359Z, Feb 9

- 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
    - All members can use all 10 of the PNW DX Competition contests and not the 2 digi contests this year.
- 6) SDXA Nets (Murf ) fyi not discussed tonight, just fyi:
  - a) wed 8:00 local 3840, 100w on a wire works well (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
- **7)** upcoming 2025
  - a) mar IDQP
  - b) apr monthly meeting in person only
  - c) may 7qp
  - d) jun FD
  - e) 09aug picnic
  - f) oct-awards banquet
  - g) nov monthly meeting a hybrid
- 8) hints and ideas
  - a) how to maximize DX Qs from Bob's upcoming DX by Mel, N7GCO
    - i) making up (or starting with what Mel sends out) a spreadsheet with what band/modes you need and maybe your antenna direct (rotator) for each also.
    - ii) can set filters in DX summit also, to help keep track of needed stations.

======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: Mel \$381.50 for the picnic's bbg brisket.
  - ii) income: dues \$722.30

### old business:

10) 2025 dues of \$20 can be sent in anytime - there is a Paypal link on SDXA home web page.

#### new business:

- 11) Spokane Hamfest 2025 is making progress:
  - a) April 26, 2025 Saturday
  - b) Horizon Middle School, 3915 S Pines Rd, Spokane Valley WA 99206
  - c) the hamfest was there before with Freeman HS had a last minute even at U-High, a few years ago.
  - d) 4 clubs at this point, KABARA, IEVHFRA, SDXA and a new club:
  - e) Washington Digital Radio Enthusiasts (WA7DRE); who will pick up doing the Hamfest treasurer.
  - f) the committee needs to get going to find some live seminars, any ideas or volunteers to do something? nothing heard
  - g) \$500 seed money,
  - h) wa0www jay moves to send the Spokane Hamfest 2025, \$500 seed money, with no guarantees we will get it back. \_k7sto 2nds the motion. are there any Nays or abstains? none heard, for the 13 members present, motion passed.
- 12) from ac7dc update on DX convention, discussions have started if it could work (or not) to combine the PAC NW DX Convention with SEAPAC. Very early yet and maybe would start in 2026.

#### 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 (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).

### 14) next month & adjourn

- a) 06feb25: on zoom. see above for program info.
- b) respectfully submitted by wa0www, jayw, secretary.

### 15) new members of late:

a)	dec24	W7SCD Scott Anderson (Spokane)
b)	aug24	KB7HDX Mark Tharp (Yakima)
c)	aug24	KK7TUR Jim Grapes (Spokane)
d)	may24	K7WIQ Merle Trenary (Elk)
e)	mar24	N7KSC Ken Cleaver (Chattaroy)

#### 16) 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: sdxa 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.sdxa.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 8384
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- ii) <u>Vice President: AC7DC Jay Lopes, Lacrosse, WA 99143</u>
- iii) Treasurer: K7KB John Gager, Colbert, WA 99005
- iv) Secretary: WAOWWW 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

#### 17) DX coming up

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

rank	StartDate	End Date	DXCC Entity	Call	QSL via		Info
100	Jan17	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	Feb18	Mar04	Christmas I	<u>VK9XU</u>	LoTW	302	By DL2AWG DF4GV DL2AMD DJ9RR CK6SJ; HF; CW SSB FT8 RTTY; 500w; 3 stations, 24/7; QSL via DL2AWG (LoTW after 6 months)
64	Mar04	Mar12	Cocos Keeling	VK9C	LoTW	310	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	Mar10	Mar25	Andaman Is	<u>VU4X</u>	MØURX		By ON4AMX ON4HIL ON5UR ON5RA ON5TN ON6CC ON7FT ON7USB ON7RU ON8AZ PA9M PA3EWP; HF; CW SSB + digital; 6 stations
85	Mar23	Apr04	Rodrigues I	3B9DJ	LoTW	359	By OK6DJ OK7GU; 80-10m; CW SSB FT8; QSL via OK6DJ
71	Jun01	Jun10	Faroe Is	<u>0Y</u>	LoTW	32	By WB2REM as OY/WB2REM W9MK W2WCM G6TFL VO11DX 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

StartD						
ate	Date	DXCC Entity	Call	QSL via		Info
		-				By FM5WD IV3JVJ IK3ZAQ fm IOTA NA-101; 160-6m; SSB CW FT8; QSL via
Dec26	Jan04	Dominica	J75K	LoTW	106	IV3JVJ
Jan04	Jan05	Gambia	C5RK	EA7FTR	73	By F4GJE; 80-10m; SSB FT8 FT4
Dec31	Jan06	St Kitts&Nevis	V4	GW4DVB	105	By GW4DVB as V4/GW4DVB; @V47JA; 160-6m
Dec31	Jan07	FiJi	5WØGE	LoTW	240	By OE3GEA; 30-10m; CW; QSL via Club Log OQRS or OE3GA (B/d)
		-				By OE3GEA as KH8/OE3GEA; 30-10m; CW; QSL via Club Log OQRS or OE3GA
Jan09	Jan12	American Samoa	KH8	LoTW	233	(B/d)
Jan11	Jan12	Senegal	6W1RD	EA7FTR	73	By F4GJE; 80-10m; SSB FT8 FT4
712	727	-				By F6BCW F5SDD + 12 op team fm Hiva Oa I; 160-6m; 5 stationsn;
Jan12	Jan27	Marquesas	TX7N	LoTW	207	24hrs/7days; QSL via Club Log OQRS
710	Jan28	-		Club Log		
Jan18	Janza	Aruba	P40AA	OQRS	116	By DL4MM; 160-10m; CW FT8 SSB; QRV in CQ 160m CW Contest
 Jan10	Jan31	·		l		By F5NVF fm Godomey; 80-10m; CW FT8; 100w; wire; holiday stye
Jaliza	Jansı	Benin	TY5C	LoTW	64	operation; QSL via F5RAV direct
Feb08	Feb15	St Helena	ZD7KYD	KY8D	85	By KY8D; @ZD7CTO; 17-10m; CW; 50w
Feb12	Feb16	Bahamas	C6ADA	LoTW	111	By K2KJD K4SGR; HF; CW SSB, some FT8
						By DK6SP DJ4MX HA8RT M0SDV E77DX as TBD; 160-6m; CW SSB RTTY FT8; 4
Feb11	Feb23	Marshall Is	<u>V7</u>	LoTW	265	stations; QSL via DJ4MX
Feb19	Feb27	St Martin	FS	DF8AN	105	By DF8AN as FS/DF8AN; 80-6m, incl 60m; CW + digital, perhaps SSB
Feb09	Feb27	Solomon Is	H44MS	DL2GAC	263	By DL2GAC fm Manakwai; 80-6m; SSB FT8; to continue though May 7

	-	-		Club Log		By ON4AVT as 6W7/ON4AVT fm Warang; 80-10m; SSB + digital; QSL via
Feb02	Feb28	Senegal	6W7	OQRS	73	ON4AVT; operation to continue until Apr 10
Mar01	Mar01	Antigua&Barbuda	V26MN	DF8AN	105	By DF8AN; 80-6m, incl 60m; CW + digital, perhaps SSB
Mar01	Mar09	Montserrat	VP2MMN	DF8AN	105	By DF8AN; 80-6m, incl 60m; CW + digital, perhaps SSB
Mar09	Mar10	Antigua&Barbuda	V26MN	DF8AN	105	By DF8AN; 80-6m, incl 60m; CW + digital, perhaps SSB
Mar10	Mar11	St Martin	FS	DF8AN	105	By DF8AN; 80-6m, incl 60m; CW + digital, perhaps SSB
Mar12	Mar24	Jamaica	6Y7EI	моохо	119	By DJ9RR EI2II EI2JD EI4GZB EI4HH EI4L EI5GM EI6FM EI8JB EI3IXB EI9HQ OZ1IKY; 160-6m
Mar09	Apr05	Sint Maarten	РЈ7АА	LoTW	105	By AA9A; 40-6m; CW FT8 FT4; QSL via AA9A
Apr09	Apr15	French Polynesia	TX7XG	LoTW	213	By JA1XGI fm Fakarava Atoll (IOTA OC-066, BH73ev); 40-6m
Apr17	Apr27	Bonaire	РЈ4СВ	LoTW	115	By WA7RAR; 20-10m; CW SSB; holiday style operation; QSL via WA7RAR direct
Apr18	Apr27	Galalagos	HD8G	LoTW	146	By PY2PT PY2WAS PY5CC YT1AD + team fm IOTA SA-004 (EI49tf); 160-6m, incl 60m; SSB CW FT4 FT8 RTTY; QSL via MOURX OQRS
Apr25	May07	Austral Is	<u>TX9A</u>	DK8ZZ	210	By 9A2NA 9A3MR DK8ZZ fm IOTA OC-152; HF
Jun11	Jun27	French Polynesia	FO	LoTW	213	By GOVJG as FO/GOVJG fm Bora Bora I (IOTA OC-067); HF + 6m
Jan10	0ct16	Palau	T8	Home Call (B/d)	289	By JAGEGL as T88SM and JE6KFN as T88XK fm Koror; 160-6m; CW SSB + digital

### 18) contests coming up: calendar has moved: <a href="http://www.contestcalendar.com/">http://www.contestcalendar.com/</a>

- 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

## 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 <a href="k5zd@contesting.com">k5zd@contesting.com</a> 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

19) SDXA membership

	for the																		
members	activit																		
	У			15	18	26	12	22	21	20	15	15	17	23	22	25	27	22	25
visitor																			
S				3	2	2	6	11	15	5	2+7	1	2	5	3	10	3	2	2
call	operato r	sort		jan 25	dec 24	nov 24	ban quet	sep 24	pic 24	jul 24	fd	jun 24	may 24	apr 24	mar 24	feb 24	jan 24	dec 23	nov 23
aa7tq	gordon	1																	
ac7dc	jay	2		1		1	1	1	1		1	1		1	1	1	1	1	1
ac7gl	rod	3																	
ad7qj	harold	4				1		1		1			1		1	1			
ad7xg	gary	5		1	1	1	1	1	1	1	1	1	1	1		1	1	1	1
ad7xg-	svetla																		
xyl	na	6				1	1		1		1			1					
af7wh	dale	7						1											1
ag7ig	mike	8									1					1	1	1	1
ag7qp	frank	9		1	1	1		1	1+1	1			1	1	1	1	1		
ai7cr	josh	10																	
ai7dg	dean	10.5																	
ja3czy	elvin	11																	
k0ng	peter	12		1	1	z		1		1		1	1	1	1	1	1	1	1

	anagan																			
k2gep	gregor	13																		
k6xt/	У																			
k7ox-sk	art	14														1	1		1	1
k7awb	steve	15																		
k7cga	bob	16																		
k7efx	john	17																		
k7eiq	merle	17.5																		
k7gs	gary	18				1	1		1	1	1		1	1	1	1	1	1		1
k7kb	john	19			1	1	z	1+1	1		1	1		1	1		1	1	1	1
k7nt	michae																			
	1	20															1	1		
k7phm	rick	21																		
k7sto	michae																			
	1	22			1	1	1	1	1	1+1	1	1	1	1	1	1	1	1	1	1
k7sys	john	23																		
k7tm	bob	24			1	1	1	1	1	1	1		1	1	1	1	1	1	1	1
k7tq	randy	25			1	1	1	1	1	1	1	1	1	1	1	1	1		1	1
k9jf	jim	26					1			1										
kb7bek	cathy	27																		
kb7hdx	mark	27.5					z		1											
kc7aad	rod	28																		
kc7ttm	cleo	29																		
kc7ug	tom	30					z							1				1		1
kd7ghz	mike	31				1	1			1						1	1	1		
kf7pbm	joseph	32														1				
kj6mic	mike	33					1			1+1	1	1+3	1	1	1	1	1	1		1
kj7iea		34			1		_	1		1+1				_		1	1	1	1	1
kk7byd	brian	35				1		_	1	1+1			1	1	z	1	1	1	1	1
kk70yu	Mateo	36				-							-	-		-	-	-	-	-
kk7tur	jim	36.5					1		1											
kk9ham	albin	37							-											
n7au	bob	38				1									z	1	1		1	1
n7cxi	jim	39																		
n7esu	jim	40			1	1	1	1+1	1		1	1	1	1	1	1	1	1	1	1
n7gco	mel	41			1	1	z	111	1	1	1	1	1		1	1	1	1	1	1
n7kr	mike	42			-															
n7ksc	Ken	43										1								
n711	david	44				1	1		1	1+1	1				z	1	1	1	1	1
n7qt	rob	45					1			111					Z	-				
n7uvh	murph	46			1	1	1	1+1	1		1	1	1		1	1	1	1	1	1
117 4 4 11	mar pri	- 10				_						_	_		_	_	_			
na7tp	ted	47																		
ne7f	jim	48																		
nz2s	jeff	49				1	1		1	1+1	1		1	1	z	1	1	1	1	1
w0cg/														_			_			
pj2dx	geoff	50									1									
w6aea	george	51																		
W7BJN	Brian	52										1			z			1		1
w7bks	brandon	53								1		1	1	1		1	1	1	1	1
w7bvn	ron	54													1					
w7dct	david	55																		
w7drn	anita	56						1		1										
w7gsv	robert	57																		
w7gtf	ron	58																		
w7hta	henry	59																		
w7mem	mark	60																		
w7peg	peggy	61																		
w7rjr	robert	62																		
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
wa1pma	wayne	68				_							_	_		_	_	_		
wa6ndr		69									1									
wa7aqh		70					z	1		1+1	1			1			1	1	1	1
wa7cpa		71			1		z		1		1			-	z		1	1	-	-
wa7f	dave	72					_		_		_						_	-		
wa7tnt		73																		
ws7i	jay(wv7y)	74			1		1		1	1+1								1		
wu7x	dale	75			<del>-</del>	1	1			1+1							1	1	1	
ww5a	ken	76				-											-	-	-	
wx7b	chris	77																		
wx7dx	karl	78																		
visitors	'===	·==										·==	·==	·==	·==	·==	·==	·==	·==	·==
3w9a	Alex								1			_		_		_		_		
JWJd	HTEX	1	l	1	1	l	l	1	_	1		1			l	1	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								1										
k7tq-xyl		108				1	1		1										
	meg						1	1	1										
k7pm	Paul							1											<b>——</b>
k7y1	Marilyn							1											
k9ct	Craig												1						
kb7hdx	mark	111													1	1	1		
kb7jbx	diane(n7a	112																	
	u) Mike	112																	
kb7vvl	Sheneman	113																	
kf7df	david									1									
kf7ik	Norman																		
	Gray	115																	
ki7dg-sk	1	117																1	1
ki7noo	matt									1				1					
ki7ujm	Brad							1											
ki7y	Jim							1											
kj7ksx	john	118															1		
kj7zji	amphil													1					
kl9a	Chris	121															1		
kk7tur-		121																	
yl	jim					1													
	juaquetta	425																	
n0dxm	(www)	125						1											
n3als	Steve							1										1	<b>-</b>
n6tv	bob	127																1	<b>—</b>
n7ecv	shawn-23	128																	
n7epd	Eric							1											
n7gcn	martha (n7gco)	129							1										
n7hcj	woody	130		1	1		1		_					1	1	1		1	1
n7jp	jack															1			_
	ken(chatt	133																	
n7ksc	ory)	134														1			
n7wa	mike							_		_									
	(m&k)	137		_				1		1									
n9adg	Brain			1									_						
nk7i	Rick												1						
nu7j	tom	138														1			
nv2z	dan													1					
w6aer	Lucas				1														
w7rps	Raoul							1											
	shirley																		
w7saf	(k9jf)	141							1										
w7scd	(&son) scott	141	<del>                                     </del>																
	Gary	142																	
w9xt	Sutcliffe	144													1				
wb6jjj	Bill							1											
wa7yei	yvonne						_		_										
waryei	(k7tm))	145					1		1										
	Tersa Sparling	146														1			
kj7oth	Jake	140									1	14.	מיו פי	the r					
kj7otii	Nate										1			the r					
no call	IVALE			1								111	re up re up						
	7-6-			1							1+2	110							
no call	John		I	1							1	host	at NF	s camp	grou	III			