



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



SDXA - 06 feb 2020

the monthly meeting was called to order by v-prez n7gco, Mel, at 19:00 local.

round the room: what new band/mode/country DX did you work this month
 (going to do this first now to help folks match calls and faces)

**** congrats to wa7tnt David, he got his 100-DXCC, very nice.

the program:

program:

1. 3830 Contest Reports – Pat (Murf) Murphy (N7UVH) – The best way to report contest scores.
<https://www.3830scores.com/>
2. Spotting Programs
 - >> Bob Hallock (K7TM) – w6rk county hunting/parks on the air/QSO party spots; <http://ch.w6rk.com/>
 - >> Gary Swartout (K7GS) – CC User <http://www.bcdxc.org/ve7cc/>
 - >> Chuck Williams (KI7DG) – DX Summit <http://www.dxsummit.fi/>
 Learned how to:
 - o Download and/or connect the spotting program
 - o Best set up the spotting program, including filters and views
 - o What each spotting program is best used for
 - o How you use it in your station

officer reports:

- 1) **secretary's report** from wa0www; the last monthly minutes are at: <http://www.sdxa.org/?cat=10;>
- 2) **treasurer's report** from k7kb, feb; income: \$57.20 (dues); expenses: \$502.78 (dec banquet, bank charge, from the dx fund 290+10 donation; from speaker fund 133.94); dx fund: \$0; speaker fund: \$214.77
- 3) **VP's report** from n7gco; see web page and io email for upcoming events, next month Bob w7sx on low band antennas.

old business:

4) **contests** from wa0www:

a. busy contest time coming up with #5, #6 and #7 of the 10 contests with the Pac NW DX clubs for 2019/2020.

+ CQ WW RTTY WPX Contest	#5	0000Z, 08Feb to 2400Z, 09Feb
+ ARRL Inter. DX Contest, CW	#6	0000Z, 15Feb to 2400Z, 16Feb
+ ARRL Inter. DX Contest, SSB	#7	0000Z, 07Mar to 2400Z, 08Mar >>> yes just after next meeting

b. btw- in #2 the ARRL RTTY round-up, 9 folks this year.

5) **DXing** (w/DXpedition funding) from n7gco and k7tm

- a. see dx activity coming up below and on the web page. (I was watching not writing down...)
- b. though lots of dxpeditions coming up and some are multi-op/multi-station.
- c. **the fund is now \$0** and a good site to still follow: <http://www.ng3k.com/Misc/adxoc.html>;
 - i. 2020: \$300 VP8PJ South Orkney Is.
 - ii. 2019: ~~\$50 Tillamook Rock, IOTA NA-211~~; \$50 Tokelau Islands ZK3A
 - iii. 2018: \$250 Ducie Island; \$200-NCDXF
 - iv. 2016: \$100 VP8SGI S.G & VP8STI S.S; \$100 FT4JA Juan De Nova;
 - v. 2015: \$300 VK0Ek Heard; \$100 TX3X Chesterfield; \$100 VK9WA Willis (all 3 QSLs)

6) **Spokane Hamfest** ___sep20 @ u-high; from wa0www jay: **nothing new to report**

7) **club DX 2meter net** from n7uvf:

- a. only 2 people last time, will serious look at doing an HF net, we are an HF club, moving forward.
- b. → **next/feb. net is cancelled.**
- c. 3rd wed, 19:00 local: 145.25, -600Hz, no tone (n7bfs). from Stensgar Mtn, near Chewelah.

- 8) club log report now from n7uvh:
 a. was on the io user group this month.
- 9) 2021 PNW DX conv by IDXA/SDXA - place holder only for now; no reports.(chair: na7em, Emmett)
 a. any news from IDXA? yes, from Emmett: Tried to make a deal in CDA, but at this point, I'm working with the Davenport Downtown to see if we can come to terms....so looking more like it will be in Spokane
- 10) 2020 field day at wa7tnt's from n7gco Mel:
 a. most of the team got together before the meeting and things are coming together nicely.
 b. was asked about publicity and w3as, Doug has volunteered to do that.
 c. Co-Leaders: David (WA7TNT) and Mike (K7STO)
 i. Towers, Antennas and Generators: Gary (AD7XG)
 ii. Radios, Computers & Networking: Jay (WA0WWW)
 iii. Food & Meals: Del (WA7AQH)
 iv. Promotion: Doug (W3AS)
 v. Operating Scheduling: John (K7KB)
 vi. Ground Crew for setup and Take down: Doug (W3AS), need more folks.
- 11) SDXA webpage issues, from k7kb:
 a. things should be back to normal, k7kb over and above again and lots of work but found what was going.

new business:

- 12) none

for later or other:

- 13) 2020 summer picnic from wa7aqh:
 a. back to wa7aqh's this year, thanks much Del.
 b. we picked saturday 01 Aug for this year's picnic.
- 14) new members of late; from k7kb John:
 a. feb w7nnp Sarah
 b. dec kk9ham, Albin
 c. nov ag7ig, Mike-coming and nc1p, Vince
 d. sept/oct k5pjs, Peter; aa7rt Mary; n7ma Mark; n7cxi Jim; kf7me Joe; kc7igr Tina;
 e. july: kd7ghz, Mike
 f. mar: nz2s, Jeff Banke; new call wa7f Dave Lehmann (was ki7aar)
 g. jan: wa7tnt David Wilhelm; ki7aar David Lehmann, n7esu Jim Monroe and kw7j Harvey Brown is back
 h. dec: ad7xg-xyl Svetlana, and n7uvh, Pat Murphy, Post Falls.
 i. aug: k9jf, Jim Fenstermaker
 j. swapfest: wx7p, Janet Lowery

committees:

- a. awards: n7gco ← updated jan20
 b. card checker: ad7xg
 c. club log: n7uvh ← updated jan20
 d. contests: wa0www (focus is pnwDX challenge trophy cup and IDXA/SDXA DX flounder cup)
 e. dxing: n7gco (w/k7tm and k7sto) ← updated jan20
 f. dx net: n7uvh
 g. io (not google) group: n7gco ← updated jan20
 h. health and welfare of members: k7gs
 i. historian: k7awb ← new
 j. library: sdx secretary (wa0www now)
 k. local remote station/mentor: wa7aqh
 l. membership: k7kb
 m. photographers: nz2s and k7tm
 n. programs: n7gco
 o. Spokane hamfest: wa0www (and ad7qj)
 p. technical: w7sx
 q. trustee-k7sdx: w7bhp
 r. web: wa7aqh, w/n7gco and k7kb teaming up
 s. ~~SDXA cluster: wa0www; now at →73.42.252.217:7300~~
 (~~will investigate, could add to our go-daddy for www.cluster.sdx.org~~)

t. officers:

- i. President: Gary Bytnar, 26450 Sterett Road North, Davenport, WA 99122
- ii. Vice President: Mel Ming N7GCO, 13010 S Short Road, Cheney, WA 99004
- iii. Treasurer: John Gager, 17525 N. Franklin Ct., Colbert, WA 99005
- iv. Secretary: Jay Holcomb WA0WWW, 6512N Vincent Ln, Newman Lake, WA 99025

participation ideas:

15) from previous months, participation suggestions, see the web page for the latest. goal is there should be enough possibilities everyone will be able to find something, and there is even one that is define your own.

a. the start of a list:

1. Serve as an officer
2. Serve on a club event committee
3. Put on or contribute to putting on a club presentation
4. Host the Club DX Net
5. Host or participate in a Club member antenna party
6. Assist or serve as the Club Webmaster
7. Go on a DXpedition or operate from a unique remote QTH
8. Participate in a Club Event (Field Day, etc.) [The Annual Picnic does not count unless hosted]
9. Host a Contest at your QTH
10. Contribute contest scores to the Club's Efforts
11. Serve as a DX Chairman/Contest Chairman/Membership Chairman, etc.
12. Serve as an Awards Chairman (DX Card Checking)
13. Serve as a VE
14. Room around - Plans for the club on something you have built for your station
(Categories may be added or developed by members or Officers)

other/future:

16) trustee status of K7SDX

- a. at a meeting in the future will discuss about rules to use the club call, K7SDX.

17) reducing age, sponsor a remote station

- a. tabling this for now, will let a few figure things out and come back to club later.
- b. if anyone has some ideas, let n7gco, Mel or wa0aqh Del know.

18) future programs ideas? get to our vice prez n7gco, Mel, any ideas you have:

using LoTW; digital contesting; w7sx antenna physics, sure there are several topics; JT-65, logging programs, amplifiers, antennas, contesting, solar panel supplies to run a station, hardline connectors, meeting after the hamfest have a prez on setting up a cost effective station, focused on prospective new members from the hamfest. let's remember this for next year.

next month:

19) march meeting program: **Bob Zavrel (W7SX) - Low band antennas**

- a. Learn about effective wire antennas for the low bands. Just what we all need in this part of the sunspot cycle.
- b. Bob is the author of the ARRL book "Antenna Physics: An Introduction." He is a noted antenna designer and accomplished the DXCC Honor Roll with only tree-supported wire antennas.
- c. *at the North Spokane Library - 44 E. Hawthorne Road, up north at the 'Y'. phone 893-8350*

20) respectfully submitted by wa0www, jay, secretary.

21) and the great refreshments from Tom and Mike and Harold

dues: this month: w7mem, kd7ghz, n7sjm, wx7p, w7nnp, ke7kpo, k9jf, wa7f

2020<2019		feb 2020	jan 2020	dec 19	nov 19	oct 19	hamf est 19	sep 19	aug 19	july 19	feb	mar	apr 19	may 19	june 19
call	operator			awards					picnic						
AA6TQ	Gordon	1		3	1	1	1	1			1			1	1
AA7RT	Mary						1								
AC7MV	David			1	1	1				1					
AD7QJ	Harold	1	1	2	1	1	1	1		1	1		1	1	1
AD7XG	Gary	1	1	1	1	1	1	1	1	1	1	1	1	1	1
AD7XG-xyl	Svetlana	1		1	1	1	1	1	1		1				
AE7GT	MaryBeth			1	1	1				1					1
AG7IG	Mike		1		1	--	--	--	--	--	--	--	--	--	--
JA3CZY	Elvin														
K5PJS	Peter	1	1	1	1	1	1								
K7AWB	Steve			1	1				1	1	1			1	
K7EFX	John														
K7GS	Gary	1	1	1	1	1	1	1	2	1		1	1	1	

K7HPT	Mark							1							
K7HRT	Patrick														
K7KB	John	1	1	2	1	1	1	1		1	1	1		1	1
K7STO	Michael	1	1	1	1	1	1	1		1	1	1	1	1	1
K7TM	Bob	1	1	1	1	1	1	1	2	1			1	1	1
K9JF	Jim			1				1	1			1			
KB7BEK	Cathy			-	1								1		
KC7IGR	Tina														
KC7UG	Tom	1	1	1	1			1			1	1	1		1
KD7GHZ	Mike									1					
KE7KPO	Carl	1			1			1			1			1	1
KF7ME	Joe														
KF7PBM	Joseph														
KI7DG	Chuck							1							
KK7DJ	Coy														
KK9HAM	Albin	1	1	-	-	-	-	-	-	-	-	-	-	-	-
KW7J	Harvey							1			1				
N7AU	Bob		1		1	1	1	1		1		1	1	1	1
N7ESU	Jim	1	1		1	1		1		1	1	1	1	1	1
N7GCO	Mel	1	1	1	1	1		1	2	1	1		1	1	1
N7KR	Mike														
N7MA	Mark														
N7SJM	Scott														
N7UVH	Murph	1	1	2	1	1	1	1	2	1	1	1	1		1
NC1P	Vince	1		1											
NE7F	Jim														
NZ2S	Jeff	1		1	1	1	1			1		1			
W0CG/PJ2DX	Geoff							1		1					
W3AS	Doug				1			1		1					
W6AEA	George														
W7BHP	Dick				1			1			1	1			
W7GSV	Robert							1							
W7MEM	Mark		1		1										
W7NPN	Sarah	1	-	-	-	-	-	-	-	-	-	-	-	-	-
W7PEG	Peggy			1					1						
W7SX	Robert										1				
WA0WWW	Jay	1	1	1	1	1	1	1		1	1	1	1	1	1
WA1PMA	Wayne														
WA7AQH	Del		1	2	1	1	1	1	2	1	1			1	1
WA7F (KI7AAR)	Dave	1									1	1			1
WA7TNT	Dave	1	1	1	1	1	1	1		1	1	1	1	1	1
WU7X	Dale		1	1	1	1	1	1		1		1	1		1
WX7B	Pritchard														
WX7P	Janet	1						1			1				
-	-														
#in attend.		22+2	19+1	29+7	27(+1?) +8	20+2	27+2	19+8	14	20+4	20/5	16/2	14/1	15/1	18+3
ad7dd	Aaron				1										
ad7fo	Jack							1							
k5pjs	Peter		--	--	--	--	--	1		1					
k7db	Dave							1	1		1				
k7gs-xyl	Cille			1											
k7tq	Randy							1							
ka7irj	Albin			1											
ka7zvw	Doug	1													
kb7jbx	Diane (n7au)		1		1	1	1	1		1	1	1	1	1	1
n0dxm	juaquetta (www)			1											
n6wcn	Craig					1									
n7esu	Jim		--	--	--	--	--	--	--	--					
n7gcn	Martha(n7gco)			1											
n7hcj	woody				1							1			
n7jvq	Lynn										1				
n7ma	Mark		--	--	--	--									1
n7qt	Rob									1					
n7zuf	Jay (idxa)							1							
n9adg	Brian														1
na7em	Emmett(idxa)							1							
nc1p	Vincent		--	--	1										
nc1p-xyl	Nancy	1		1	1										
nz2s	Jeff		--	--	--	--	--	--	--	--	1				
w7clj	Charlotte				1										
w7gtf	Ron				1										
w7jjl	John										1				
w7saf	Shirley (k9jf)			1											
w7vo	Mike							1							

wa7dj	Dan				1									
wa7yei	Yvonne (k7tm)			1										

before: k7yph Charlie; kf7rvv don; kl9a chris; n7cod dan York; n7jvq lynn; n9adg brian, nb7kw brian; w7al al; w7hee harry estep;

DX and contesting:

- the basic list of the DXpeditions in the top 100 wanted see below for a listing of more DX coming up

	Start Date	End Date	DXCC Entity	Call	QSL via	Info
22	Feb05	Feb17	Palestine	E44CC	LoTW	By F4AJQ + team fm Bethlehem; 160-10m; CW SSB RTTY PSK FT4 FT8; full QSL details on Web
30	Jun01	Jun14	Chad	TT8RR	Web OQRS	By I2YSB + team fm Ndjamena; HF; CW SSB RTTY (TT8XX on FT8); exact begin/end dates TBA
33	May04	May12	Maldives	8Q7KB	LoTW	By DL2SBY fm Meedhupparu; 80-6m; SSB CW + digital; inverted vee; QSL also OK via DL2SBY direct; logs will be uploaded to Club Log
41	Mar04	Mar16	Djibouti	J2	LoTW	By D36TF DK1BT DL4WK DL6SAK DL7BO DL7DF DL7UFR SP3DOI fm LK11px; 160-10m; CW SSB + digital; 4 stations; QSL also OK via DL7DF (B/d)
43	Feb20	Mar05	South Orkney Is	VP8PJ	LoTW	By K3EL W2LK W1SRD PY2PT K5GS W7XU DJ9RR HA0NAR WA60 UT6UD N6XG N7QT HB9BXE as VP8/VP8DXU fm Signy I (AN-008); 160-10m; SSB CW RTTY FT8; see Web for for QSL details; dates tentative
76	Oct01	Oct14	Midway I	KH4	Club Log OQRS	By 11 op team as KH6VV/KH4 fm IOTA OC-030 (BL11ck); to include FT8; further details TBA
85	Mar09	Mar18	Rodrigues I	3B9	Club Log OQRS	By F8AAN as 3B9AN or 3B9/F8AAN; HF; 100w; mainly nighttime; holiday style operation; QSL also OK via F8AAN direct

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

Month	Contest	Dates
february		
	+ CQ WW RTTY WPX Contest	0000Z, Feb 8 to 2359Z, Feb 9
	+ ARRL Inter. DX Contest, CW	0000Z, Feb 15 to 2400Z, Feb 16
	+ CQ 160-Meter Contest, SSB	2200Z, Feb 21 to 2200Z, Feb 23
	+ North American QSO Party, RTTY	1800Z, Feb 29 to 0559Z, Mar 1
march		
	+ ARRL Inter. DX Contest, SSB	0000Z, Mar 7 to 2400Z, Mar 8
	+ Stew Perry Topband Challenge	1500Z, Mar 14 to 1500Z, Mar 15
	+ Idaho QSO Party	1900Z, Mar 14 to 1900Z, Mar 15
	+ North American Sprint, RTTY	0000Z-0400Z, Mar 15
	+ BARTG HF RTTY Contest	0200Z, Mar 21 to 0200Z, Mar 23
	+ CQ WW WPX Contest, SSB	0000Z, Mar 28 to 2400Z, Mar 29
april		
	+ North American SSB Sprint Contest	0000Z-0400Z, Apr 5
	+ CQMM DX Contest	0900Z, Apr 18 to 2359Z, Apr 19
may		
	+ 7th Call Area QSO Party	1300Z, May 2 to 0700Z, May 3
	+ CQ WW WPX Contest, CW	0000Z, May 30 to 2400Z, May 31

Pacific NW Challenge Trophy contests (updated for 2019-2020 dates):

+ CQ Worldwide DX Contest, RTTY #1 done	0000Z, 28Sep to 2400Z, 29Sep
+ CQ Worldwide DX Contest, SSB #2 done	0000Z, 26Oct to 2400Z, 27Oct
+ CQ Worldwide DX Contest, CW #3 done	0000Z, 23Nov to 2400Z, 24Nov
+ ARRL RTTY Roundup #4 done	1800Z, 04Jan to 2400Z, 05Jan
+ CQ WW RTTY WPX Contest #5 this month	0000Z, 08Feb to 2400Z, 09Feb
+ ARRL Inter. DX Contest, CW #6 this month	0000Z, 15Feb to 2400Z, 16Feb
+ ARRL Inter. DX Contest, SSB #7	0000Z, 07Mar to 2400Z, 08Mar
+ CQ WW WPX Contest, SSB #8	0000Z, 28Mar to 2400Z, 29Mar
+ CQ WW WPX Contest, CW #9	0000Z, 30May to 2400Z, 31May
+ IARU HF World Championship #10	1200Z, 11Jul to 1200Z, 12Jul

1. NWDXchallengetrophycontests, above:

- please send your claimed scores to SDXA goggle group or wa0www@hotmail.com
- to help keep the super check partial files complete consider to cc k5zd@contesting.com when you submit your Cabrillo logs.

other DX coming up: <http://www.ng3k.com/Misc/adxoc.html>

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

Start	End	DXCC	Call	QSL	Info
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_Jan28	Feb07	Gambia	C5XW	G5XW	By G5XW; 40-17m; holiday style operation
_Feb03	Feb08	Martinique	T03FM	LoTW	By JJ2RCJ; @FM5BH; 80-10m, perhaps 160m; FT8 (f/h); QSL via Club Log OQRS or JJ2RCJ direct (w/ SASE); no Buro requests
_Jan30	Feb13	El Salvador	HU1DL	LoTW	By DH8WR DJ6TF DJ9KH DL1KWK DL2HWA DL2RNS DL4SVA DL7JOM DL7VEE DL9GFB; 160-17m, incl 60m; CW SSB RTTY FT8; 3 stations, each 1kw, QRV 24/7; QSL via Club Log OQRS
_Feb11	Feb17	French Polynesia	TX4N	EA5GL	By AA4NC AA4VK; HF
_Feb06	Feb18	Tanzania	5H4WZ	OM3PA	By By OK2MM OM5ZW OM5MF OM4AZF SP9LJD fm Pemba I (IOTA AF-063); 160-10m; CW SSB RTTY FT8; 3 stations; QRV for ARRL DX CW Contest and CQ WPX RTTY Contest
_Feb04	Feb18	Tanzania	5H	I2YSB	By I1FQH I1HJT I2PJA I2YSB IK2CIO IK2CKR IK2DIA IK2HKT IW1ARB JA3USA fm Zanzibar I (IOTA AF-032) using 5I5TT on CW SSB RTTY, 5I4ZZ on FT4 FT8; HF
_Feb14	Feb23	Cayman Is	ZF2AN	DF8AN	By DF8AN as VP2V/DF8AN fm Grand Cayman I; HF; CW FT8; QSL ok via B/d
_Feb21	Feb23	Puerto Rico	KP3RE	EA5GL	By KP4RV KP4RD KP3H WP4U WP4N KP4VP NP3V WP4PBS KP3S NP30T NP4D fm Culebra I (IOTA NA-249); 80-10m; CW SSB FT8
_Feb20	Feb25	Norfolk I	VK9NR	EA5GL	By AA4NC AA4VK; HF
_Feb23	Mar01	Bahamas	C6AAN	DF8AN	By DF8AN; HF; CW FT8; QSL ok via B/d
_Feb20	Mar04	Costa Rica	TI5	LoTW	By W1USN as TI5/W1USN and AA1M as TI5/AA1M; 160-10m; SSB CW FT8, perhaps FM satellite; QSL also OK via W1USN and AA1M respectively (Buro or direct)
_Mar03	Mar06	Vanuatu	YJ0NC	EA5GL	By AA4NC AA4VK; HF
_Mar06	Mar13	Antigua	V26FP	LoTW	By IW2NEF fm IOTA NA-100; HF; SSB + digital; QSL also OK via Club Log OQRS and IK2DUM direct
_Mar14	Mar15	Belize	V31GX	LoTW	By G4SGX for BERU Contest; QRV after contest, mainly 160m
_Mar05	Mar15	Zambia	9J2LA	M00XO	By LA3BO LA3MHA LA8OM LA9KKA LA9VPA LB8DC DK6SP OE5CWO OE7PGI SM6CPY; 160-6m; CW SSB FT8, some RTTY
_Feb16	Mar16	Tanzania	5H3DX	LoTW	By NK80 fm Zinga; 40-10m; CW PSK31 FT8, perhaps SSB; 100w; holiday style operation; QSL also OK via NK80 direct
_Mar10	Mar25	Swains I	W8S	TBA	By international team fm Swain I (IOTA OC-200); HF; CW SSB FT8 RTTY; 4 stations, 2 camps
_Mar23	Apr03	Ivory Coast	TU2R	LoTW	By ON7TQ ON4EI ON1DX ON6KX fm Abidjan; 160-10m; CW SSB RTTY FT4 FT8; QSL via ON1DX Buro or OQRS via PayPal
_Mar18	Apr03	West Kiribati	T30ET	LoTW	By 5B4ALX fm Tarawa (IOTA OC-017); 160-6m; CW SSB FT8 RTTY; QSL also OK via Club Log OQRS
_Apr06	Apr14	St Vincent	J88PI	GW4DVB	By GW4DVB fm Palm I, Grenadines (IOTA NA-025); 40-6m; mainly SSB FT8
_Jun30	Jul14	St Pierre & Miquelon	FP	LoTW	By KV1J as FP/KV1J fm Miquelon I (IOTA NA-032, DIFO FP-002, WLOTA 1417); 160-6m; mainly SSB RTTY FT8/4, some CW; QRV for IARU Contest; see Web for QSL details
_Jul08	Jul15	Aruba	P4	ND7J	By ND7J as P4/ND7J and N4IQ as P4/N4IQ; QRV for IARU Contest
_Oct05	Oct12	Sable I	CY0	Club Log OQRS	By WA4DAN N2IEN K5DHY K5YY K4UEE WW2DX AA4NC N8AA N2TU W4DKS as TBA; 160-6m; CW SSB FT8 + EME, satellite; QSL also OK via WA4DAN; exact dates TBD
_Oct19	Oct28	Kosovo	Z66DX	LoTW	By DM2AUJ DL2AWG + 4 others; 160-10m (no 60m); CW SSB RTTY FT8; 2 stns, 24/7; 14 days during this period