



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



SDXA - 05 mar 2020

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

round the room: many visitors, welcome(going to do this first now to help folks match calls and faces)

the program:

program: Bob Zavrel (W7SX) - Low band antennas

1. Learn about effective wire antennas for the low bands. Just what we all need in this part of the sunspot cycle.
2. 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.

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: \$7.77 (Amazon Smile); expenses: \$0; speaker fund: \$214.77
- 3) **VP's report** from n7gco; see web page and io email for upcoming events,

old business:

4) **contests** from wa0www:

a. which of the 10 contests with the Pac NW DX clubs for 2019/2020 this month.

+ ARRL Inter. DX Contest, SSB#7	0000Z, 07Mar to 2400Z, 08Mar >>> yes just after tonight
+ CQ WW WPX Contest, SSB #8	0000Z, 28Mar to 2400Z, 29Mar

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

- a. k7sto lead the around the room and how did folks do with VP8pj
- b. k7km presented DX coming up (see lists below)
- 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** _?26?_sep20 @ u-high; from wa0www jay: **nothing new to report**

a. **seems like it is getting late to get going, though also sounds like at the VHF club it was heard U-High is booked and we are listed as the WA ARRL state convention.**

7) **club DX HF morning 2meter net** for non-workers from n7uvf:

- a. getting a few folks
- b. now every wednesday, 3808 kHz at 08:00 local time
- ~~c. 3rd wed, 19:00 local: 145.25, 600Hz, no tone (n7bfs). from Stensgar Mtn, near Chewelah.~~

8) **club log report** from n7uvh:

a. status quo

9) **2021 PNW DX conv by IDXA/SDXA - place holder only for now; no reports.**(chair: na7em, Emmett)

a. still looking at the Davenport downtown

10) **2020 field day at wa7tnt's** from n7gco Mel:

- a. planning continues at 16:00 local a restaurant before the monthly club meeting.
- b. looking at 2A or 3A, and will use k7sto's go box for FT8.
- c.
- d. 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.

new business:

11) none

for later or other:

12) **2020 summer picnic from wa7aqh:**

- a. back to wa7aqh's this year, thanks much Del.
 - i. we picked saturday 01 Aug for this year's picnic.

13) **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: sdxa 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 873.42.252.217:7300~~
(will investigate, could add to our go daddy for www.cluster.sdxa.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:

- 14) 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

N7SJM	Scott	1														
N7UVH	Murph	1	1	1	2	1	1	1	1	2	1	1	1			1
NC1P	Vince	1	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				
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	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.		21+6	22+2	19+1	29+7	27(+12) +8	20+2	27+2	19+8	14	20+4	16/2	14/1	15/1	18+3	
ad7dd	Aaron					1										
ad7fo	Jack								1							
k5pjs	Peter			--	--	--	--	--	1		1					
k6ei	Jim	1														
k7db	Dave								1	1						
k7gs-xyl	Cille				1											
k7tq	Randy								1							
ka7irj	Albin				1											
ka7zvw	Doug	1	1													
kb7jbx	Diane (n7au)				1	1	1	1	1		1	1	1	1	1	1
kg7ugj	Rob	1														
kj7iea	Peter	1														
KW7J	Harvey								1							
n0dxm	juaquetta (www)				1											
n6wcn	Craig						1									
n7esu	Jim			--	--	--	--	--	--	--	--					
n7gcn	Martha(n7gco)				1											
n7hcj	woody					1						1				
n7ll	David	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										
nv2z	Dan	1														
nz2s	Jeff			--	--	--	--	--	--	--	--					
w7clj	Charlotte					1										
w7gtf	Ron					1										
w7saf	Shirley (k9jf)				1											
w7vo	Mike									1						
wa7dj	Dan					1										
wa7yei	Yvonne (k7tm)				1											

before: k7hrt Pat; k7yph Charlie; kf7rvv don; kk7dj, Coy;k19a chris; n7cod dan York; n7jvq lynn; n9adg brian, nb7kw brian; w7al al; w7hee harry estep; w7jj1 John;

DX and contesting:

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

	Start Date	End Date	DXCC Entity	Call	QSL via	Info
41	Feb23	Mar06	South Orkney Is	VP8PJ	LoTW	By K3EL W2LK W1SRD PY2PT K5GS W7XU DJ9RR HA0NAR WA6O UT6UD N6XG N7QT HB9BXE fm Signy I (AN-008); 160-10m, incl 60m; SSB CW RTTY FT8; see Web for for QSL details; dates tentative
94	Feb24	Mar21	Tanzania	5H3	LoTW	By NK8O as 5H3DX and N8AX as 5H3AX fm Zinga; 40-10m; CW PSK31 FT8, perhaps SSB; 100w; holiday style operation; QSL also OK via NK8O direct
100	Mar04	Mar15	Zambia	9J2LA	M00X0	By LA3BO LA3MHA LA8OM LA9KKA LA9VPA LB8DC DK6SP OE5CWO OE7PGI SM6CPY; 160-6m; CW SSB FT8, some RTTY
78	Mar06	Mar17	Kyrgystan	EX0QR	Club Log OQRS	By R2DY R2DX RW3FB fm the south shore of Issyk Kul Lake; 160-10m; CW SSB + digital; QSL also OK via R2DX
77	Mar09	Mar18	Rodrigues I	3B9AN	Club Log OQRS	By F8AAN 80-17m; 100w; mainly nighttime; holiday style operation; QSL also OK via F8AAN direct
37	Mar12	Mar21	Maldives	8Q7NC	LoTW	By F6BGC fm Veligandu I (IOTA AS-013, MJ64mh); HF; SSB CW + digital; 100w; vertical; holiay style operation; QSL also OK via F6BGC direct

23	Mar14	Mar16	St Peter & Paul I	PQ0S	PP5BZ	By team fm IOTA (IOTA SA-014); HF
46	Mar20	Mar31	Andaman & Nicobar Is	VU4R	M0OXO OQRS	By VU2ABS VU2BGS VU2DED VU2DSI VU2GHO VU2KWJ VU2NTA VU2RS VU3UFE fm Neil I (IOTA AS-001); 160-10m; CW SSB RTTY and FT8; QRV for CQ WW WPX SSB
98	May01	May22	Botswana	A25VR	VE7VR	By VE7VR; 40 20m; 10w (perhaps 100w); inverted Vs; holiday style operation during self-driving 4X4 camping safari
37	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
30	Jun01	Jun14	Chad	TT8RR	Web OQRS	By I2YSB + team fm Ndjamena; HF; CW SSB RTTY (TT8XX on FT8); exact begin/end dates TBA
69	Jun21	Jul03	Albania	ZA	LoTW	By HG2DX as ZA/HG2DX fm Orikum; 80-6m; CW RTTY FT8/4 SSB; holiday style operation; QSL OK via HG2DX (B/d)
58	Sep15	Sep23	Faroe Is	OY	LoTW	By DL2AQI as OY/DL2AQI and DL4APJ as OY/DL4APJ; 80-10m; SSB + digital; QSL also OK via DL4APJ (B/d)
93	Sep15	Oct15	Malawi	7Q7AO	LoTW	By HA5AO; 80-10m; CW RTTY FT8, some SSB; 500w; vertical, beam; QSL also OK via HA5AO direct (see Web); dates tentative
82	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
18	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

- contests coming up: <http://www.hornucopia.com/contestcal/index.html>

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 done	0000Z, 08Feb to 2400Z, 09Feb
+ ARRL Inter. DX Contest, CW #6 done	0000Z, 15Feb to 2400Z, 16Feb
+ ARRL Inter. DX Contest, SSB #7 this month	0000Z, 07Mar to 2400Z, 08Mar
+ CQ WW WPX Contest, SSB #8 this month	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

- NWDXchallengetrophycontests, above:
 - please send your claimed scores to SDXA io 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
Mar03	Mar06	Vanuatu	YJ0NC	EA5GL	By AA4NC AA4VK as TX4N and TX4VK; 160-10m; CW FT4 FT8 SSB; 100w; holiday style operation
Mar02	Mar09	Bonaire	PJ4	LoTW	By K5KG as PJ4/K5KG; HF; QSL OK via K5KG w/ SASE
Mar07	Mar13	Antigua	V26FP	IK2DUW	By IW2NEF fm Jolly Harbour (IOTA NA-100); 40-10m; SSB FT8
Mar06	Mar13	Antigua	V26FP	LoTW	By IW2NEF fm IOTA NA-100; HF; SSB + digital; QSL also OK via Club Log OQRS and IK2DUW direct
Mar02	Mar13	Panama	H33K	LoTW	By HP1DAV HP3AK G4BVY G4CLA GD4XUM; 160-10m; CW SSB FT8; paper QSL via HP1DAV
Mar14	Mar15	Belize	V31GX	LoTW	By G4SGX for BERU Contest; QRV after contest, mainly 160m
Mar11	Mar15	Kuwait	9K2F	9K2RA	By 9K2HQ + KARS team fm Failaka I (IOTA AS-118); 80 40 30 20 15 10 17 12m; SSB CW FT8
Mar04	Mar16	Reunion	TO7DL	LoTW	By DL7DF and team fm IOTA AF-016 (LG79rc); 160-10m, incl 60m; CW SSB + digital; QSL OK via DL7DF

Feb16	Mar27	Senegal	6W7	ON4AVT Buro	By ON4AVT as 6W7/ON4AVT fm Ourang Mbour (IK14mi); 60 40 20 10m; mainly FT8 FT4, some SSB
Feb16	Mar27	Senegal	6W7	ON4AVT Buro	By ON4AVT as 6W7/ON4AVT; mainly 60 40 20 10m; FT8/FT4, some CW SSB; 100w; wire
Feb29	Mar28	Sint Maarten	PJ7AA	LoTW	By AA9A; 80-10m; CW FT8 SSB; QSL also OK via Club Log OQRS and AA9A direct
Mar25	Mar30	Cayman Is	ZF2PG	LoTW	By K8PGJ fm Grand Cayman; @ZF1A; 160-10m; SSB; QSL also OK via K8PGJ
Mar15	Mar31	Curacao	PJ2	LoTW	By DK5ON as PJ2/DK5ON; 80-6m; CW SSB RTTY FT4/8; QSL OK via Club Log OQRS and DK5ON (B/d)
Mar10	Mar31	Vietnam	XV9DXB	EB7DX	By HB9DXB fm Nha Trang (OK42og); 20m; CW SSB; QSL also OK via HB9DXB CBA w/ 2USD; end date unclear
Mar06	Apr01	Madeira	CT9	LoTW	By DL3KWR as CT9/DL3KWR and DL3KWF as CT9/DL3KWF; HF; QSL also OK via home_call or eQSL
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
Feb25	Apr06	Bolivia	CP6	DK7PE	By DK7PE as CP6/DK7PE fm Santa Cruz; focus on low bands; CW; QSL OK B/d
Mar08	Apr09	Barbados	8P6DR	LoTW	By By G3RWL; 80-10m; CW; QSL also OK via Club Log OQRS (preferred) or G3RWL direct
Apr10	Apr13	Svalbard	JW	DC8TM Buro	By DC8TM as JW/DC8TM fm IOTA EU-026; HF; SSB FT8
Apr06	Apr14	St Vincent	J88PI	GW4DVB	By GW4DVB fm Palm I, Grenadines (IOTA NA-025); 40-6m; mainly SSB FT8
Apr17	Apr25	Philippines	DU2	LoTW	By SP5APW as DU2/SP5APW fm Calayan I (IOTA OC-092); HF; SSB FT8 FT4; QSL also OK via SP5APW
Apr14	May13	Guatemala	TG9BBV	VE7BV	By VE7BV; HF; holiday style operation
May09	May15	Haiti	4V5H	LoTW	By G4PVM MM0NDX MM0OKG; 80-15m; CW SSB FT8; also fm Haiti's coastal islands (IOTA NA-149)
May04	May15	St Barthelemy	FJ		By F6CUK as FJ/F6CUK and F6EHJ as FJ/F6EHJ; @FJ5AB; all bands; SSB CW; side trip to Tintamarre I (IOTA NA-199)
May20	May27	St Vincent	J8	KD7WPJ	By KD7WPJ as J8/UR5BCP; 40-6m; mainly FT8 FT4, some SSB CW; 100w
Jun10	Jun17	Cayman Is	ZF2FD	LoTW	By KK5XX fm Grand Cayman I (NA-016); 80 40 20m; SSB; QSL also OK via KK5XX and eQSL
Jun17	Jun24	Br Virgin Is	VP2V	W9DR Direct	By W9DR as VP2V/W9DR; 6m; SSB FT8 MSK144
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
Aug02	Aug08	Aruba	P4	LoTW	By By NY4P as P4/NY4P fm Noord; 80-20m; SSB; 5w; magnetic loop; QSL also OK via Club Log OQRS
Jul29	Aug15	Uganda-91	5X1RI	LoTW	By M0KRI; HF; CW SSB FT8 SSB; 100w; vertical, hexbeam; QSL OK via M0KRI or Club Log OQRS; dates tentative
Aug10	Aug17	St Pierre & Miquelon	TO5T	LoTW	By By VO1DX WB2REM VO1CH W0VTT WW1WW W4SJT fm Ile aux Marins (IOTA NA-032); 160-6m; CW SSB + digital (incl. FT8 f/h); QSL also OK via Club Log and WB2REM direct
Sep06	Sep17	Albania	ZA	OE6TQG	By OE6TQG as ZA/OE6TQG fm Lake Shkodral; all bands; all modes; 100w; dipole; QSL OK B/d or eQSL
Sep23	Oct06	Swains I-118	W8S	PG5M	By international team fm Swain I (IOTA OC-200); HF; CW SSB FT8 RTTY; 4 stations, 2 camps
Oct07	Oct15	Palau	T88UW	LoTW	By JH7IPR fm Koror I (IOTA OC-009); 160-6m; CW SSB RTTY FT8 JT9 JT65 AM; QSL also OK via Club Log OQRS and JH7IOR
Oct19	Oct28	Sable I-101	CY0	Club Log OQRS	By WA4DAN N2IEN K5DHY K5YY K4UEE WW2DX AA4NC N8AA N2TU W4DKS K4ZLE as TBA; 160-6m; CW SSB FT8 + EME, satellite; QSL also OK via WA4DAN
Oct25	Nov30	Timor Leste-119	4W	TBA	By 18 op team; dates uncertain
Nov23	Dec07	Burkina Faso-113	XT2MAX	LoTW	By DK1MAX; focus on low bands, incl 60m; CW FT8; QSL OK via EA5GL; Club Log uploads; dates tentative