



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



SDXA - 02 June 22

monthly meeting called to order by v-prez n7gco, Mel, at 19:00 local, on-line using zoom.

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

- 1) the program: Receive Antennas by Mark Bauman KB7G
 - a) Mark Bauman, KB7GF, is a licensed professional electrical engineer. He is the designer of the Shared Apex Loop now sold by Array Solutions. He lives in College Place, Washington.
- 2) DXing coming up, notes from k7tm

June 1-22	Rwanda	9X2AW	160-10m - CW, SSB, FT8
June 1-July 31	Gabon	TR8CR	20m 30m and 40m - CW
June 14-19	Sao Tome & Principe	S9EFW	40, 20, 15 and 10 meters SSB
June 22-27	Jan Mayen	JX	SSB & FT8
June 24-July 2	Ogasawara	JD1AJD	6-20m CW FT8 FT4
June 26-Jul 6	Market Reef	OJO	160-10 meters CW SSB FT8
June 28-July 5	Liechtenstein	HB0	CW, SSB, FT8
June 28-July 12	St Pierre & Miquelon	FP	
June 24-July 2	Ogasawara	JD	6m FT8

- a) monthly question: any DXpedition(s) worth gathering member donations for?
 - i) nothing was brought up in general discussion
- b) some history and a good site to follow: <http://www.ng3k.com/Misc/adxoc.html>;
 1. 2022: \$200: TX5N Raivavae (Austral Islands) OC-114
 2. 2021: \$259.11 3Y0J Bouvet Island(<https://www.3y0j.no/clubsandfoundations>)
- 3) officer reports:
 - a) secretary's report from wa0www; the last monthly minutes: <http://www.sdxa.org/?cat=10>;
 - b) treasurer's report from k7kb;

income:\$2,051.66 (dues. registrations, smile);
 expenses:\$433.07 (projection screen and 1 special refund)

 - i) dxpeditions donations from members: around \$525; after \$259.11 Bouvet and \$200TX5N
 - c) VP's report from n7gco; see web page and i/o email for upcoming events
 - i) 13june, Monday at 7 PM, Mike K7STO will do a workshop on how to use N3FJP to identify your total increase for the "SDXA 100 Country Club" and the "SDXA Challenge Award" contest year September 1-August 31.
 1. We will video this workshop and put it on the YouTube channel.
 - ii) 07july: prep for the convention
 - iii) 05-07aug: the 67th annual Pacific NW DX Convention

- iv) 01sep: Don Greenbaum N1DG, Activating entities in the U. S. Fish & Wildlife Service (USFWS) Pacific Remote Islands Marine National Monument (PRIMNM)
 - 1. Don was a Team member on these Dxpeditions: A52A, K4M, KH1/KH7Z, C82DX, VP80RK, AL7EL/KH9. QSL Manager: A61AD, A61AO, A61X, A66A, A61AQ 2006 inductee into the CQ Magazine DX Hall of Fame. 10 Band DXCC Challenge Total: 3145. Member: NCDXF, CWops, ARRL, DDXA, YCCC. Treasurer: NCDXF. Founding member of the CW Operators Club (Member Nr. 2)
- v) 06october: Bob K7TM, Jim N7ESU & Pat N7UVH on Insights from the Idaho Renegades
 - Bob -
 - 1. Using Keypad
 - (a) How you use it?
 - (b) How you program switches?
 - (c) Hints on setting a keypad system up?
 - 2. Antenna matches
 - (a) How to make a antenna at the antenna?
 - (b) Building antenna matching devices?
 - Jim - Owning a repeater
 - (a) What is involved?
 - (b) Your repeaters history?
 - (c) What repeater owners wished people know about using their repeater?
 - Pat - Doing S02R
 - (a) What equipment is needed?
 - (b) How to set it all up?
 - (c) What you need to know about the learning curve?
 - (d) How it helps you in a contest?
- vi) and keeping up the YouTube channel:
<https://www.youtube.com/channel/UCMF5QzqCJ65iJupGW64Dlwg>

- 4) ~~2021~~ 2022 PNW DX conv by SDXA - an update: co-chairs: k7tq Randy and n7gco Mel
- a) webpage: <https://pacificnwdxconvention.com>
 - b) Centennial rooms are being booked, 95 room nights, we have met our obligation.
 - c) registration _70_ folks now and increasing.
 - d) flyer available - some are going to Seaside, Thanks Del!
 - e) all speakers are confirmed, see website for details.
 - f) wu7x, Dale, will be leading raffle ticket sales, thanks Dale! sign up sheet started.
 - g) new promo video is out.

PNW DX Convention Leaders	Raffle Prizes
Co-Chairs: Randy K7TQ & Mel N7GCO Prizes: Jay N7ZUF Registration: Jay WA0WWW Web masters & Treasurer: John K7KB Media: Del WA7AQH & Pat N7UVH Raffle Sales: Dale WU7X Hospitality Room: Gary AD7XG & Jay N7ZUF Card Checking: Gary AD7XG	❖ Icom 705 complete system (Donated by an anonymous donor) ❖ LDG-1000 Pro II Autotuner (Donated by John K7KB) ❖ Schweitzer Engineering SEL-2488 clock (Donated by Schweitzer Engineering) ❖ Elgato Stream Deck Plus we are working on several other major prizes. If you would like to donate a major prize, talk to Jay N7ZUF.

- h) just fyi - 3 themes are the focus of the 2022 Pac NW DX convention.
- DXING
 "The 2022 DXpedition to Raivavae (Austral Islands) TX5N" (by Rob Fanfant N7QT)
 "DX Spotting:VE7CC The Next Generation" (by Les Sawkins VE7CC)
 "Top 25 DXCC Entities" (by Bernie McClenny, W3UR)

CONTESTING

- "A history of the World Radiosport Team Championship" (by Rusty Epps W6OAT)
- "The North American Competitor Experience at the European in IARU World Radiosport Championship" (by Pat Barkey N9RV)

Technology

“Distributed Contesting” (by Brian Moran N9ADG)
 “Node Red: Station Integration for Contesting and DXing” (by Kyle Kreig AA0Z)
 Banquet “Spy Radios and Cryptography” (by Dr. Ed Schweitzer III W7KOW)
 Sunday “DXing Using Remote Stations” (by Ned Sterns, AA7A)

old business:

5) **contests** from wa0www:

- a) **newer:** the contest calendar site has moved: <http://www.contestcalendar.com/>
- b) last weekend was #9 of 10

± CQ WW WPX Contest, CW	#9	0000Z, May 28 to 2400Z, May 29
-------------------------	----	--------------------------------

- i) id+1 1,832,356 4 folks 7,560,427
- ii) ewa 507,617 3 folks 9,034,004 total so far: 16,594,431
- iii) last yr total: 7,405,971

- c) then the last one, #10 of 10 won't be until mid-july

± IARU HF World Championship	#10	1200Z, Jul 9 to 1200Z, Jul 10, 2021
------------------------------	-----	-------------------------------------

- d) **monthly question:** Does anyone know of a contest coming up in the next month or two, others may have an interest in? here are some.

i) others:

-ARRL Inter. Digital Contest	1800Z, Jun 4 to 2359Z, Jun 5
-ARRL June VHF Contest	1800Z, Jun 11 to 0259Z, Jun 13
-Stew Perry Topband Challenge	1500Z, Jun 18 to 1500Z, Jun 19
-ARRL Field Day	1800Z, Jun 25 to 2100Z, Jun 26

6) **club DX HF morning net** from n7uvh

- a) what is the latest? 3840 kHz at 8am on wednesdays. is working great..
- b) still going strong.

7) **clublog and SDXA** from n7uhv

- a) anything new?
- b) c5c is doing a live stream, kind of fun to watch.

8) **Spokane libraries:**

- a) on hold - still only during open hours, the latest would be 20:00 local at the north library.

9) **Spokane Hamfest is on, 24sep22** from wa0www

- a) **The committee did not met in may, will in June.**
- b) **and a couple of things from the april meeting:**
 - i) UHigh okay, asking for ARRL WA st. convention;
 - 1. sanitation is on the hamfest not from the school, if needed.
 - ii) still no raffle, do not want to do raffle tickets and have to get prizes now, though will do door prizes, do not need to be present to win.
 - iii) presentations (live-no zoom): = DMR basic; = Dave's LDS emergency response, like before; = looking at HF basics; =WinLink
 - iv) fox hunt for youth and adult
 - v) tables like last time, some school so rentals
 - vi) food vendors want deposit and guarantees, maybe one that is more open like in the past, mixed plates of different kinds,
 - vii) no auction
 - viii) seed money, probably june will decide if and how much. see what vendor responses we get by then.
 - ix) flyer is official

new business:

10) **Need SSB operators week of the convention to operate W1AW from spokane**

- a) A IEEE Convention is coming to Spokane August 2-4 (Just before our DX Convention).
- b) The ARRL will have a booth and a remote HF Station setup (Flex 6700).
 - i) Location is be checked into, by feel it will be at the Daven

- c) Ed Hare, The ARRL RFI guy will be representing ARRL and is a leader in the convention.
- d) He would like to recruit several hams in the Spokane/CDA area to operate the station in shifts
- e) Tuesday Morning from 9:00 AM - 1 PM Afternoon from 1 to 5 pm
- f) Wednesday Morning from 9:00 AM - 1 PM Afternoon from 1 to 5 pm
- g) Thursday Morning from 9:00 AM - 1 PM Afternoon from 1 to 5 pm
- h) He is wanting mainly SSB, so IEEE participants can stop by and see what a DXing/HF is all about. (You can slip in a little CW if you want.)
- i) The operators will be remote from the ARRL main station in Connecticut with all those antennas pointing to Europe. So, you will be W1AW.
- j) He would like two people for each shift, and you can work multiple shifts.
- k) You will register for the IEEE convention (FREE) as an exhibitor.
- l) Mark KB7HDX, the area ARRL Vice President, and I are trying to help Ed out.
- m) If you would be willing to work one or more shifts, please let us know on the user group.
 - i) If you have always wanted to be a big gun on in New England, here is your chance.

11) Resolution to Sell Field Day Equipment

- a) per the email sent out by Mel, here is a little more:
- b) very briefly, 2- IC-761s, 3 PCs, interface setups for SSB, CW and RTTY. then 2 AC generators (3kw and 5kw), 50ish feet of tower, a couple of verticals and all the support needed inside and outside also.
- c) note: for the club to use personal equipment we do have a formal use of personal equipment liability policy that is in our constitution. In essence:
Every member needs to fully understand that anything not specifically covered in writing has no warranty from the club nor is the SDXA to be held responsible for any such usage, repair or replacement.
- d) with that here is the motion:
- e) **Motion to approve the Resolution to Sell Field Day Equipment as sent out by N7GCO, Mel on Sunday May 22, 2022 at 20:32 local. In essence let it be resolved that we authorize the SDXA Officers to sell the SDXA Field Day equipment, with prices yet to be determined and club members will have first choice.**
- f) Moved: N7GCO
- g) Second'd: WU7X
- h) Discussion: selling everything? yes that is the intent of the motion
 - i) could we check to see we could help out some of the newer operators with some of the equipment?
 - ii) to sell the bigger/outside items like antennas, coaxes, towers, generators, and all will be harder to come by than radios and computers if we want to do a setup like field day.
 - iii) yes there will be an inventory list with suggested \$s on each item.
 - iv) what is the status of the 2 generators (a 3kw and a 5kw); 1 has been exercised the other needs some carburetor work
 - v) was some agreement on coaxes, antennas, towers, generator, etc., seems we should keep a hold of.
 - vi) is the storage okay as is: PCs/radios okay; antennas/towers/coax/generators would be nice to move.
 - vii) an opinion was if we did want to help out in an emergency, could find radios and PCs and be done in other ways, though antennas, towers generator not so easy.
 - viii) what is status of the radios/PCs? in jan '20 completely setup fully and all was working really nice.
 - ix) and in jan/feb of '20 the SDXA was raring to go with field day with lots of folks stepping up to help and nice plans coming together.

- x) discussion went to the two motions below.
- xi) then the discussion focused on should we postpone and see if we get support and help to do Field Day in 2023.
- xii) with that Mel, N7GCO - withdrew the motion and Dale, WU7X was also okay to withdraw the motion.

motion to table this motion to a later time by Randy-k7tq, 2nd'd-n7uvf, discussion-limited
call for question by Chuck-ki7dg 2nd'd-scott n7sjm, discussion-takes 2/3

jay	y	a	(y - to stop discussion)
mel	n	n	
john kb	n	y	
murf	y	n	
bob	y	n	
chuck	n	y	
dale	n	n	
gary xg	n	n	
tom	y	n	
mike	n	y	
brandon	a	n	
del	n	y	
jay	n	n	
jeff	n	y	
jim	n	n	
art	a	a	
peter iea	n	n	
peter ng	n	y	
randy	y	n	
scout	n	y	
gary gs	n	y	

y	5	8
n	14	11
a	2	2

12) MEMORANDUM OF UNDERSTANDING Between the Western Washington DX Club and the Spokane DX Association

a) per the email sent out by Mel, here is the motion:

b) **Motion to approve the MEMORANDUM OF UNDERSTANDING (MOU) Between the Western Washington DX Club and the Spokane DX Association as sent out by N7GCO, Mel on Sunday May 22, 2022 at 20:21 local. In essence that The WWDXC and SDXA have entered into a gentlemen's agreement to share media equipment (primarily a projector and screen) for the PNW DX Conventions. The club in possession of the equipment will be responsible for repair or replacement if anything happens to it.**

c) Moved: N7GCO

d) Second'd: WA7AQH

e) Discussion: this is a gentleman's agreement, nothing is technically binding (it is not a contract).

f) Are there any nay's or abstains? none heard

i) the MOU passes

13) **more new business: it was 4 years ago today we lost Lamar, WA7LT, one of our original founding fathers.**

14) **And we have also lost Janet, WX7P, in recent weeks. Janet will be missed and did support the club in many ways.**

15) other/future:

a) Trustee for K7SDX license is now K7ST0 (expires: 10dec22)

b) 2023 field day

c) summer picnic - not in August, maybe in September, stay tuned

16) new members of late:

- a) apr22: W8QR Moe and K6XT Art of Grangeville
- b) apr22: W8TJM Toivo (LL) and K7SYS John (Sandpoint)
- c) dec21: NA7TP Ted (okay---- new call(ex-KG6MTC))
- d) oct21: Mike N7ID and Rod AC7GL both from IDXA
- e) sept21: n0zuf, Jay; w7drn Anita; and K2GEP Gregory
- f) jun21 k7phm, Rick; w7bks, Brandon
- g) apr21 k7tq,Randy (moscow); ww5a,Ken (cda); k7pew,Nick (pf); n7ll,David (spo);
- h) mar21 w7ceg, Charlie (Ellensbug)
- i) feb21 wa6ndr, Rick; wa7cpa, Robin (Woodinville)
- j) jan21: w7tg, Tom
- k) nov kg6mtc, Ted; ai7cr, Josh; w6wbo Steven
- l) sep n7qt, Rob; w7cd, John and w7uj, Ed
- m) aug nh7s, Calvin Higa (app coming)
- n) june af7wh, Dale
- o) may w7gtf, Ron McCollum (Winthrop)
- p) april kc7aad, Rod Ekholm
- q) march ws7i, Jay and kj7iea, Peter
- r) feb 20 kq7c (ex-w7nnp) Sarah

next month & adjourn:

- 17) **program 07july** see above in the VP report.
- 18) respectfully submitted by wa0www, jay, secretary.
- 19) and the great refreshments from yourself with this a call in

20) committees:

- a. awards: n7gco
- b. card checker: ad7xg
- c. club log: n7uvh
- d. contests: wa0www (focus is pnwDX challenge trophy cup)
- e. convention: n7gco and k7tq
- f. dxing: n7gco (w/k7tm and k7sto) and dx net: n7uvh
 - i) dxnet: n7uvh ii) dx awards: k7sto iii) upcoming dx: k7tm
- g. io (not google) group: n7gco
- h. health and welfare of members: k7gs
- i. hf mentoring: wa7aqh
- j. historian: k7awb
- k. library: sdxa secretary (wa0www)
- l. local remote station/mentor: wa7aqh
- m. media: n7gco
- n. membership: k7kb
- o. million point club: k7tq
- p. photographers: nz2s and k7tm
- q. programs: n7gco
- r. qsl card checking: ad7xg and n7za
- s. Spokane hamfest: wa0www (and ad7qj)
- t. technical: w7sx, k7gs amd nz2s
- u. trustee-k7sdx: w7bhp
- v. web: wa7aqh, w/n7gco and k7kb teaming up
- w. you tube: n7gco
- x. zoom: n7gco
- y. ~~SDXA cluster:(could investigate, could add to our go daddy for www.cluster.sdxa.org)~~
- z. officers:
 - i) President: AD7XG Gary Bytnar, Davenport, WA 99122
 - ii) Vice President: N7GCO Mel Ming, Cheney, WA 99004
 - iii) Treasurer: K7KB John Gager, Colbert, WA 99005
 - iv) Secretary: WA0WWW Jay Holcomb, Newman Lake, WA 99025

21) 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
------	-----------	----------	-------------	------	---------	------

67	2022 May10	2022 May25	Rodrigues I	3B9	HB9DBB	By HB9DBB as 3B9/HB9DBB fm Port Mathurin; 15m; CW SSB FT8 + digital; 100w; Buddipole, vertical
117	2022 Apr28	2022 May26	Botswana	A25VR	VE7VR	By VE7VR; HF
97	2022 May21	2022 Jun02	Mauritius	3B8	DF3XY (B/d)	By DF3XY fm IOTA AF-049; 40 30 20m; mainly FT8
92	2022 Jun01	2022 Jun22	Rwanda	9X2AW	LoTW	By DF2WO fm Kigali; 160-10m; CW SSB + digital; QSL via M00XO OQRS
60	2022 Jun22	2022 Jun27	Jan Mayen	JX		By LB5SH as JX/LB5SH; SSB FT8
81	2022 Jun26	2022 Jul06	Market Reef	OJ0	LoTW	By OH3JR as OJ0JR and OG2M as OH0MR; focus on 6m; FT8 CW SSB; looking for NA, SA, Asia; QSL OJ0MR via OG2M direct, OJ0JR via OH3JR
115	2022 Jun01	2022 Jul31	Gabon	TR8CR	F6AJA (B/d)	By F8EN; 40 30 20m; CW
67	2022 Aug05	2022 Aug09	Rodrigues I	3B9	TBA	By 3B8FA 3B8GF 3B8CF 3B8FV 3B8BAN; HF; 100w; G5RVs; also 3 QO-100 portable satellite stations
52	2022 Aug09	2022 Aug23	Seychelles	S79	TBA	By EA3BT as S79/EA3BT and EA3WL as S79/EA3WL fm Praslin, La Digue, Mahe Is (IOTA AF-024); mainly satellites, but holiday style SSB CW FT8
73	2022 Oct05	2022 Oct17	Comoros	D60AE	TBA	By F4AJQ F1ULQ F2DX F4AZF F4ESV F5AGB F5NTZ F8AVK F8FUF8GGV DL3GA HB9GWJ ON7RN fm IOTA AF-007; 160-10m; CW SSB RTTY FT8 FT4 + QO-100 satellite; dedicated to F5NQL (SK)
114	2022 Oct10	2022 Oct25	Benin	TY5RU	R7AL	By RA1ZZ + team; info to follow
78	2022 Oct26	2022 Nov03	Cocos Keeling	VK9CM	EB7DX	By VK6VY VK6SJ VK6CQ; 160-10m; CW SSB FT8 RTTY; VK9C in CQWW DX SSB
37	2022 Oct29	2022 Nov07	Djibouti	J28MD	LoTW	By IZ8CCW IZ4UEZ IZ3GNG IZ2GNQ YO8WW AG4W IK4QJF DJ5IW DL6LZM DL8JJ KO8SCA DL80BF NG7M IU8LMC fm LK11px; 160-10m; CW SSB RTTY FT8; QSL via IK2VUC (details)
68	2022 Nov01	2022 Nov30	Central African Rep	TL8AA	I2YSB	By 8 ops; all bands; CW SSB FT8 RTTY
2	2022 Dec15	2022 Dec31	Crozet	FT8/c	TBA	By F6CUK as TBA; dates tentative; operation to continue until Mar 2023; details to follow
4	2023 Jan23	2023 Feb28	Bouvet I	3YQJ	LoTW	By LA7GIA LA7THA LBIQI + team; 160-10m; CW SSB FT4/FT8 RTTY; QSL: M00XO; about 22 days; dates tentative

c) other DXpeditions

StartDate	End Date	DXCC Entity	Call	QSL via	Info
2022 May21	2022 May27	Aland Is	OH0	LoTW	By OG50 as OH0/OG50, OH2HOD as OH0/OH2HOD fm IOTA EU-002 (KO09ex); 160-6m, incl 60m; FT8 FT4 CW; QSL via Club Log OQRS
2022 May01	2022 May31	Philippines	DU	LoTW	By W6QT as DU/W6QT fm Subic Bay; 80-6m; SSB FT8; QSL via W6QT; operation to continue until 15 Sep
2022 May21	2022 Jun04	Martinique	FM	ON4RU Direct	By ON4RU as FM/OQ3R fm IOTA NA-107; 160-10m; CW; holiday style operation
2022 May22	2022 Jun08	Gambia	C5C	LoTW	By F5RAV F5NVF M0NPT; 20 15 10m; CW SSB FT4 FT8; possible sidetrip to Bijol Is (IOTA AF-060) using C5B; QSL via F5RAV direct (3 US \$ or IRC and SAE)
2022 May27	2022 Jun10	Guadeloupe	TO2AZ	DL2AAZ	By DL2AAZ fm Basseterre (IOTA NA-102); 40-10m; CW SSB; 300w; groundplanes
2022 May01	2022 Jun15	Namibia	V5	LoTW	By ZS2PS as V5/ZS2PS; 80 60 40 30 20 10m; QSL via ZS2PS direct
2022 Jun14	2022 Jun19	Sao Tome & Principe	S9EFW	LoTW	By K9EFW; 40 20 15 10m; SSB; QSL via K9EFW
2022 Jun24	2022 Jul02	Ogasawara	JD1AJD	LoTW	By JA1ADT; 20-6m; CW FT8 FT4; focus on 6m for EU/NA
2022 Jun28	2022 Jul05	Liechtenstein	HB0	LoTW	By OZ0J as HB0/OZ0J; HF; SSB CW + digital (incl FT8); QSL via Club Log OQRS, eQSL, OZ0J (B/d)
2022 Jun30	2022 Jul08	Ogasawara	JD		By JD1BQI and JR3DVL as JD1/JR3DVL fm QL17cb; 6m; 50323 FT8; 200w; yagi; looking for double-hop E-skip to NA and EU
2022 Jul01	2022 Jul12	Namibia	V5	LoTW	By HB9BFM as V5/HB9BFM fm Luderitz (JG73ni) and Simplon/Sandverhaar (JG83qc); 80-15m; QSL via HB9BFM (B/d)
2022 Jun28	2022 Jul12	St Pierre & Miquelon	FP	LoTW	By KV1J as FP/KV1J fm Miquelon I (IOTA NA-032); QSL via KV1J
2022 Sep16	2022 Sep28	San Andres & Providencia	5K0T	Club Log OQRS	By LU1FM LU9FHF LU7MT fm San Andres I; 80-6m; CW SSB
2022 Oct21	2022 Oct23	Belize	V3E	LoTW	By ops fm Mauger Caye (IOTA NA-123); 80-10m; CW SSB FT8; 100w; Spiderbeam; QSL via IZ8CCW
2022 Oct25	2022 Nov04	Saba & Sint Eustatius	PJ5	LoTW	By W5JON as PJ5/W5JON; 60-6m; SSB FT8; yagi, verticals; QSL also OK via W5JON direct
2022 Nov01	2022 Nov09	Austral Is	FO	LoTW	By JA1XGI as FO/W1XGI; 160 80 40 30 20 15 10m; CW SSB RTTY FT8; QSL via Club Log OQRS, JA Buro, SASE to JA1XGI
2022 Nov30	2022 Dec09	St Martin	TO9W	LoTW	By K9NU N9EP FS4WBS W9AP K9EL; 160-10m focus on 160 80 40m; QSL via Club Log OQRS or W9ILY direct
2023 Jan02	2023 Jan31	Montserrat	VP2MDX	LoTW	By W2APF; HF; 100w; operation to continue until March 31

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

a) calendar has moved: <http://www.contestcalendar.com/>

b) see above for other contest this coming month.

c) Pacific NW Challenge Trophy contests:

+ CQ Worldwide DX Contest, RTTY #1 done	0000Z, Sep 25 to 2400Z, Sep 26
+ CQ Worldwide DX Contest, SSB #2 done	0000Z, Oct 30 to 2400Z, Oct 31
+ CQ Worldwide DX Contest, CW #3 done	0000Z, Nov 27 to 2400Z, Nov 28
+ ARRL RTTY Roundup #4 done	1800Z, Jan 8 to 2400Z, Jan 9
+ CQ WW RTTY WPX Contest #5 done	0000Z, Feb 12 to 2400Z, Feb 13
+ ARRL Inter. DX Contest, CW #6 done	0000Z, Feb 19 to 2400Z, Feb 20

+ ARRL Inter. DX Contest, SSB	#7 done	0000Z, Mar 5 to 2400Z, Mar 6
+ CQ WW WPX Contest, SSB	#8 done	0000Z, Mar 26 to 2400Z, Mar 27
+ CQ WW WPX Contest, CW	#9	0000Z, May 28 to 2400Z, May 29
+ IARU HF World Championship	#10 #10	1200Z, Jul 9 to 1200Z, Jul 10, 2021

PACNWDX challenge trophy cup contests,above:

- please send your claimed scores in body of email to SDXA io group or to the secretary
- to help keep the super check partial files complete consider to cc k5zd@contesting.com when you submit your Cabrillo logs.

23) SDXA membership

call	operator	sort	jun 22	may 22	apr 22	mar 22	feb 22	jan 22	dec 21	nov 21	oct 21	sep 21	jul 21	jun 21	may 21	apr 21	25 mar	mar 21
aa6tq	gordon	1																
ac7gl	rod	2										---	---	---	---	---	---	---
ac7mv	david	3																
ad7qj	harold	4		1		1	1	1	1		1	1		1	1	1	1	1
ad7xg	gary	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ad7xg-xy1	svetlana	6																
ae7gt	marybeth	7																
af7wh	dale	8						1	1								1	1
ag7ig	mike	9	1	1		1	1	1	1	1	1	1	1		1			
ag7qp	frank	10			1	1	1	1	1		1	1	1		1			
ai7cr	josh	11																
ja3czy	elvin	12														1		1
k0ng(k5pjs)	peter	13	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1
k2gep	gregory	14										--	--	--	--	--	--	--
k6xt/w7NTA	art	14.5	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
k7awb	steve	15					1											
k7efx	john	16																
k7gs	gary	17	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1
k7hpt	mark	18																
k7kb	john	19	1	1	1	1	1	1	1		1	1		1	1	1	1	1
k7phm	rick	20		1	1	1	1							1	--	--	--	--
k7sto	michael	21	1	1	1	1	1	1		1	1	1	1	1		1		1
k7tm	bob	22	1	1	1		1	1	1	1	1		1	1	1	1	1	1
k7tq	randy	23	1	1	1		1	1	1	1		1	1	1		1	---	---
k7sys	john	23.5				--	--	--	--	--	--	--	--	--	--	--	--	--
k9jf	jim	24		1														
kb7bek	cathy	25																
kc7ttm	cleo	26																
kc7ug	tom	27	1					1			1	1						
kd7ghz	mike	28		1	1		1	1	1			1			1			
kf7pbm	joseph	29																
ki7dg	chuck	30	1			1		1	1	1	1	1		1		1		
kj7iea	peter	31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
kj7qex	jason	32														1		1
kk9ham	albin	33																
kq7c(w7nnp)	sarah	34																
n7au	bob	35														1		
n7cxi	jim	36																
n7esu	jim	37	1			1	1	1	1	1			1	1	1	1	1	1
n7gco	mel	38	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
n7id	mike	39						1				---	---	---	---	---	---	---
n7qt	rob	40		1					1			1		1		1		
n7sjm	scott	41	1			1			1	1			1	1	1	1		1

