



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



SDXA - 03 aug 23

monthly meeting called to order by prez K7TQ, Randy, at 19:00 local, hybrid, in-person and zoom.

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

1) the programs, introduced by ac7dc - jay

- a) World Radio Team Championship & IARU Report with Geoff PJ2DX
The 2023 WRTC is held at the same time as the IARU Contest. The WRTC occurs every 4 years and the best contesters in the world are invited to participate. It is the Olympics for Ham Radio Contesters. This year the WRTC will be held in Italy in July. Our own Geoff PJ2DX will be serving as a referee. Geoff will be sharing a first-hand report of this year's WRTC.

2) welcome new members in the last month:

- a) jun23: W6WBO Steven Hartzell (Spokane)
- b) jun23: W7LEA Leigh Ann Nielson (Moses Lake)
- c) jun23: W7BJN Brian Nielson (Moses Lake)
- d) fyi: 86 members, 6 honorary, 80 voting, 79 licensed; 34 arrl dxcc, 4 non-arrl dx

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

3) up coming programs / VP's officer report from n7gco; also see web page and i/o email:

- i) 07sept: Improving your Audio with Mike Daskalopoulos KJ7MIC
 - 1. Audio basics, speech intelligibility and perceived loudness
 - 2. Audio as it applies to voice modes in radio - AM, SSB and FM
 - 3. Audio reproduction and transmission for radio - hardware and pre/post-processing
- ii) 05oct: Annual awards dinner
- iii) 02nov: CQ DX Marathon with Mark WC3W
- iv) 07dec: basic station automation and techniques, N6TV, Bob
- v) and keeping up the YouTube channel: <https://www.youtube.com/channel/UCMF5QzqCJ65iJupGW64>

4) up coming DX from k7tm:

a)

Aug 6-8	St Barthelemy	FJ	FJ/FG8OJ; 10 6m; 10w; dipole
Aug 7-9	Faroe Is	OY	OY/PF3X 160-6; SSB + digital; holiday style
Aug 8-11	Saba & St. Eustasias	PJ6	PJ6/FG8OJ 10- 6m; 10w; dipole
Aug 11-16	St Martin	FS	FS/FG8OJ; 10 6m; 10w; dipole
Aug 11-25	Iceland	TF	TF/PF3X fm various grid squares; 160-6; SSB + digital; holiday style
Aug 19-22	Bermuda	VP9	K5BLS/VP9 20 17m; SSB
Aug 20-Sept 9	DR Congo	9Q2W X	By OK2WX; HF; CW SSB + digital
Aug 28-Sept 12	St Kitts & Nevis	V47JA	By W5JON fm Calypso Bay; 160-6m; SSB FT8
Aug 31-Sept 14	Mariana Is	KH0	KH0/DL2AH fm Rota I; 80-6m; SSB FT8

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

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

i) none this month.

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

1. april 2023: \$250: TX5S Clipperton Island (<https://clip.pdxg.net/>) (april23~115-250=~135 left in DXpeditions donations)
2. feb2023: \$200: HW40A Temotu Province (<https://intrepid-dx.com/temotu2023/>) (feb23~315-200=~115 left in DXpeditions donations)
3. jan2023: \$200: 3B7M Saint Brandon (https://3b7m.com/?page_id=1635) (jan23~515-200=~315)

5) up coming contests from k7tq:

a) World Wide Digi DX Contest

- i) Begins 5 am PDT, August 26 and ends 4:59 am PDT, August 27
- ii) Last of two opportunities for FT8/FT4 operators to do the 10 JA Districts and the 5 in 6

b) Ten JA Districts and 5 by 6 Awards

- i) This is the first opportunity for FT8 and 4 operators to complete the Ten JA Districts and the 5 by 6 Awards
- ii) For the Ten JA Districts
 - (a) Can use this to complete your 10 JA Districts
- iii) In Ten JA Districts the 5s have been toughest
- iv) In 5 by 6 work 5 DXCC entities in each of the 6 continents
 1. All members can use all 7 of the PNW DX Competition contests for this year.

c) for the Pac NW DX Challenge Trophy Cup we are in a break between seasons with the other 3 DX clubs in the Pacific NW. with that-last year's 10 contests:

1. we had 25 unique members participate this year, that is great to see.

	CQ WW DX RTTY	CQ WW DX SSB	CQ WW DX CW	ARRL RTTY RU	CQ WPX RTTY	ARRL DX CW	ARRL DX SSB	CQ WPX SSB	CQ WPX CW	IARU	total
Total SDXA	1,257,173	2,272,235	2,205,202	419,811	3,202,025	1,646,559	2,035,674	1,398,672	1,163,647	1,172,917	16,773,915
# in contest	8	14	10	10	10	12	19	13	9	15	16,773,915
RTTY RU: multi-sngl=N7GCO-with ws7i, k7tq											
=	=	=	=	=	=	=	=	=	=	=	=
from last year:	71%	127%	80%	144%	100%	102%	203%	77%	50%	200%	98%
last year	1,767,747	1,793,496	2,773,095	291,160	3,207,836	1,613,064	1,002,018	1,806,042	2,339,973	587,771	17,182,202
total to date this year		3,529,408	5,734,610	6,154,421	9,356,446	11,003,005	13,038,679	14,437,351	15,600,998	16,773,915	last year total
total to date last year		3,561,243	6,334,338	6,625,498	9,833,334	11,446,398	12,448,416	14,254,458	16,594,431	17,182,202	
	26.2%	-44.0%	25.7%	-5.7%	-32.6%	-34.0%	-37.4%	-6.9%	-11.8%	14.9%	-15.2%
ID+1	793,461	636,367	1,385,587	197,967	1,079,372	542,982	637,335	651,395	513,129	673,981	7,111,576

2.

	Sep	Oct	Nov	Jan	Feb	Feb	Mar	Mar	May	Jul	TOTAL
ALL CLUBS	CQ WW RTTY	CQ WW SSB	CQ WW CW	ARRL RTTY RU	CQ WPX RTTY	ARRL DX CW	ARRL DX SSB	CQ WPX SSB	CQ WPX CW	IARU	TOTAL
Orca DXCC	1,138,546	2,541,076	13,953,887	450,351	4,562,246	9,263,490	1,098,804	1,247,497	27,956,324	3,267,576	65,479,797
SDXA	1,257,173	2,272,235	2,205,202	419,811	3,202,025	1,646,559	2,035,674	1,398,672	1,163,647	1,172,917	16,773,915
WVDXC	9,681,681	13,834,296	13,414,447	920,107	13,338,960	20,696,739	10,264,393	26,472,129	20,091,393	3,686,484	132,400,629
WVDXC	3,001,161	5,178,743	9,219,218	601,320	5,028,562	10,549,404	2,001,266	14,403,753	13,220,331	2,815,701	66,019,459
	TOTAL										280,673,800
Totals	15,078,561	23,826,350	38,792,754	2,391,589	26,131,793	42,156,192	15,400,137	43,522,051	62,431,695	10,942,678	280,673,800

- ii) the 2023-2024 starts on 23-24 september with CQ WW RTTY, yes the same weekend as the Spokane hamfest.
 1. as always there will be 3 RTTY, 3 SSB, 3 CW, and 1 mixed SSB & CW contests, so something for everyone.

2. also, will not have the Flounder cup below and under the Challenge Trophy Cup this coming year, it has run its course (at least for now.)
- d) internal to SDXA will have the 10 JA Districts and the 5 by 6 with 10 incentives again this contest season including these 10 contests plus the two digital contests (june and august).
- e) **monthly contests coming up:** Does anyone know of a contest coming up in the next month or two, others may have an interest in? here are some.
- i) **the contest calendar site has moved:** <http://www.contestcalendar.com/>
 (note the '+' at the beginning of the row has a link for more info)
- | | |
|---------------------------------|--|
| + North American QSO Party, CW | 1800Z, Aug 5 to 0600Z, Aug 6 |
| + WAE DX Contest, CW | 0000Z, Aug 12 to 2359Z, Aug 13 |
| + North American QSO Party, SSB | 1800Z, Aug 19 to 0559Z, Aug 20 |
| + World Wide Digi DX Contest | 1200Z, Aug 26 to 1200Z, Aug 27 |
| + Kansas QSO Party | 1400Z, Aug 26 to 0200Z, Aug 27 and 1400Z-2000Z, Aug 27 |
| + Colorado QSO Party | 1300Z, Sep 2 to 0400Z, Sep 3 |
| + North American Sprint, CW | 0000Z-0400Z, Sep 10 |
| + Washington State Salmon Run | 1600Z, Sep 16 to 0700Z, Sep 17 and 1600Z-2400Z, Sep 17 |

=====The Business Part=====

6) **officer reports:**

- a) **secretary's report** from wa0www; the last monthly minutes: <http://www.sdx.org/?cat=10>;
- b) **treasurer's report** from k7kb:
- i) expenses Gary for FD \$20.28 and picnic \$450. income of \$20 dues

old business:

7) **Spokane Hamfest, 23sept23, from wa0www**

- a) no raffle grand prizes, like last year though with some nicer door prizes, tbd.
- b) no food truck like last year, they are still asking for lots of \$s to show up.
- c) seed money is \$250 last year. we basically doubled our seed money last year.
- d)
- e) the Spokane Hamfest is in urgent need for a treasurer, can be any one, does not have to be a club officer. anyone? (see wa0www jayw if you could help out.)

8) **2023 field day wrap up, was on 23,24,25 june from wa0www:**

- a) Call Used: K7SDX GOTA Station Call: (NONE) ARRL/RAC Section: ID Class: 3A
- b) Participants: 14 Club/Group Name: SPOKANE DX ASSOCIATION
- c) Power Source(s): Generator
- d) Power Multiplier: 2X
- e) Preliminary Total Score: 2,646
- f) Bonus Points:
- | | |
|----------------------------|---------------------|
| g) 100% emergency power | 300 |
| h) W1AW Field Day message | 100 - File uploaded |
| i) Educational activity | 100 |
| j) Safety officer | 100 - File uploaded |
| k) Social media | 100 |
| l) Entry submitted via web | 50 |
| m) Total bonus points | 750 |
- n) Score Summary: (Cabrillo log/dupe sheet file: K7SDX_2023-FD_SpokaneDXAssociation.log)
- | | | | | | |
|-----------------|-----|---------|-------|-------|---|
| o) | CW | Digital | Phone | Total | |
| p) Total QSOs | 170 | 292 | 24 | | |
| q) Total Points | 340 | 584 | 24 | 948 | Claimed Score = (QSO points x power mult) = 1,896 |
- r) to Jim and the ID renegades and all that helped, operated, etc, a big thank you for a successful Field Day.
- s) went so well, already working on next year, any suggestions for next year? _____

9) **22 july 2023 picnic wrap up, from N7GCO**

- a) 40 folks came, and went from 2 to 7pm,
- b) Del and Diane are okay for next year again.

new business:

10) FCC "RM-11953" proceeding from wa0www

- a) the title is Shortwave Modernization Coalition Petition for Rule making to Amend the Commission's Rules to Allow Fixed, Long-Distance, Non-Voice Communications Above 2 MHz and Below 25 MHz. see emails to the groups io for most info. summary:
- b) 2.1.2. Transmitter Frequency
Because the FCC's Part 90 rules generally treat licensed operations below 25 MHz as a distinct category, and the relevant portion of Part 90 Industrial/Business Pool is between 2 and 25 MHz, this study focuses on frequencies between 2 and 25 MHz. Specifically, we consider five frequencies within this range: 4.9, 10.2, 14.9, 19.9, and 24.8 MHz. We selected these frequencies based on even spacing across the 2-25 MHz Band in 5 MHz intervals. Because the exact frequencies 5, 10, 15, 20, and 25 MHz are not available in the Part 90 Industrial/Business Pool, we selected comparable nearby frequencies that are in the Industrial/Business Pool and available for fixed service under Part 90 of the FCC's rules.
- c) 2.1.3. Transmitter Power, Bandwidth, and Emissions
We assume a 20 kW transmit power and a transmitter bandwidth of 10 kHz as representative of longdistance 2-25 MHz Band communications. This means the power spectral density in channel is 2 W/Hz or 3 dBW/Hz. To the extent actual deployments use higher bandwidths subject to the same power limitation, the PSD would be lower and therefore less likely to cause interference. In addition to this transmitter output power, as discussed below, we assume 1 dB of losses and 10 dBi of antenna gain. For out-of-band emissions, we considered attenuations of 30, 35, 40, 45, and 50 dB. As discussed in the results section, we found 35 dB sufficient to make adjacent channel harmful interference very unlikely.
- d) here is the FCC proceeding, with > 806 comments (>689 being express comments).
 - i) [https://www.fcc.gov/ecfs/search/search-filings/results?q=\(proceedings.name:\(%22RM-11953%22\)\)](https://www.fcc.gov/ecfs/search/search-filings/results?q=(proceedings.name:(%22RM-11953%22)))
 - ii) and the nicely done ARRL opposition:
 - iii) <https://www.fcc.gov/ecfs/document/10802772408006/1>
- e) some possible points to consider:
 - i) - Potential interference to DX operations due to proliferation of proposed systems for purposes beyond stock trading
 - ii) - Arguments supporting actual field testing rather than simulations
 - iii) - Arguments pointing out that lack of reported interference does not mean lack of interference.
 - iv) - Arguments pointing out that the simulation receiving antenna is a simple vertical antenna that does not represent typical DX station configurations.
 - v) **** Any other thoughts you might have.**
- f) reply comments look to be due 29 aug 23. (ARRL had 15 aug 23).
- g) very brief on FCC process:
 - i) next could be an NOI, Notice of Inquiry with comments and reply comments.
 - ii) then the NPRM, Notice for Proposed Rule Making w/ comments and reply comments.
 - iii) then maybe FNPMRs, Further NPRMs with comments and reply comments.
 - iv) could take years.....

11) **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, 07dec: September, December) and two in-person meeting with limited Hybrid (May and November) and two in person social meetings (Summer picnic in July&October Awards Dinner).
 - 1. (just for 2023-April will be the missed 2022 december banquet, future years April is in-person and May is zoom.)
- b) **2023 field day** - at fire station where the ID renegades have done field day before.
- c) **summer picnic** - will be saturday 22 jul 23 at Diane's and Del's wa7aqh.
- d) **Trustee** for K7SDX license is now K7ST0 (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).

12) **new members of late:**

- a) jun23: W6WBO Steven Hartzell (Spokane)
- b) jun23: W7LEA Leigh Ann Nielson (Moses Lake)
- c) jun23: W7BJN Brian Nielson (Moses Lake)
- d) feb23: K7LIL Khilil Islam-Zwart (Spokane)
- e) feb23: KK7BYD Brian Curtis (Davenport)
- f) feb23: W7HTA Henry Anderson (Spokane)

- g) jan23: W7RJR Robert Raymond (Spokane)
- h) jan23: K7NT Michael Conatore, K7NT (Richland)
- i) jan23: W7BVN Ron Valley (Spokane)

13) next month & adjourn

- a) 07september - program, see above in the VP report. will be on zoom.
- b) respectfully submitted by wa0www, jay, secretary.
- c) and the great refreshments you did for yourselves, thanks.

14) committees:

- a. awards: n7gco and k7tq
- b. card checker: ad7xg
- c. club log: n7uvh
- d. contests: k7tq
- 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 <== new october 2022
- j. groups.io: k7tq, k7kb, k7gs, k7awb, n7gco
- k. health and welfare of members: k7gs
- l. historian: k7awb
- m. hybrid meetings: w7bks
- n. k7sdx trustee: k7sto
- o. library: sdx secretary (wa0www)
- p. local remote station/mentor: wa7aqh
- q. media: w7bks
- r. membership: k7kb
- s. million point club: k7tq
- t. new to hf mentoring: wa7aqh
- u. pre-meeting zoom hosts: n7uvh and nz2s
- v. photographers: nz2s and k7tm
- w. programs: ac7dc
- x. qsl card checking: ad7xg
- y. Spokane hamfest: wa0www
- z. SDXA youtube channel: n7gco
- aa. technical: k7gs and nz2s
- bb. web: n7gco and k7kb
- cc. zoom: n7gco
- dd. ~~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.
- ee. officers:
 - i) President: K7TQ Randy Foltz, Moscow, ID 83843
 - 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
 - v) Past President: AD7XG Gary Bytnar, Davenport, WA 99122

15) 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
59	Jul23	Jul26	Faroe Is	OY	LoTW	By SP7VC as OY/SP7VC and SQ7ORL as OY/SQ7OYL; 20m + VHF
107	Jun28	Jul28	Timor Leste	4W6RU	LoTW	By R7AL RA1ZZ fm nr Dili; HF; FT8; end date approximate
47	Jul20	Aug31	Minami Torishima	JD1	LoTW	By JG8NQJ as JG8NQJ/JD1; HF; CW FT8; spare time operation; QSL via JA8CJY; operation to continue for 3 months
102	Aug20	Sep09	DR Congo	9Q2WX	IZ8CCW	By OK2WX; HF; CW SSB + digital
106	Oct04	Oct17	Swains I	W8S	TBA	By DJ9RR DL2AMD DL6JGN K08SCA NG7M PA2KW PA3EWP PA4WM PA5X PG5M ; HF; CW SSB FT8 RTTY; 6 stations
107	Nov08	Nov27	Timor Leste	4W8X	DJ4MX	By 20 op team; all bands; CW SSB RTTY FT8; M/M in CQWW DX CW
107	Nov01	Nov30	Timor Leste	4W8X	LoTW	By DL6FB + team; 160-6m; CW SSB RTTY, perhaps FT8; 2 sites, 500m apart; QSL via Club Log OQRS; exact dates TBA

c) other DXpeditions

StartDate	End Date	DXCC Entity	Call	QSL via	Info
Jul23	Aug04	Guatemala	TG4	LoTW	By KT8X as TG4/KT8X; 40-6m; CW FT8, perhaps SSB
Jul17	Aug11	Bonaire	PJ4	LoTW	By PD2V as PJ4/PD2V; 4 30 20m; SSB FT8; 50w; end-fed wire; QSL via PD2V
Jul31	Aug14	Turks & Caicos	VP5	See Info	By NSVOF as VP5/NSVOF and KISUBT as VP5/KISUBT fm Providenciales I; 40-2m; SSB FT8; 100w; QSL via NSDVF and KISUBT direct w/ SASE
Jul16	Aug16	Morocco	CN2DX	F5LRL (B/d)	By F5LRL fm nr Kinara; 40-6m; SSB CW
Jul27	Aug17	Iceland	TF	LoTW	By SP7VC as TF/SP7VC and SQ7ORL as TF/SQ7OYL; 20m + VHF
Aug28	Sep12	St Kitts & Nevis	V47JA	LoTW	By W5JON fm Calypso Bay; 160-6m; SSB FT8; yagi, verticals; QSL also OK via W5JON direct
Sep06	Sep14	Belize	V31XT	LoTW	By DK8MM DL8UD as V31XT fm Maya Hill Lodge; HF; QSL via DK8MM (B/d) QRV for WAE SSB using V30 (QSL via DL8UD (B/d))
Aug31	Sep14	Mariana Is	KH0	LoTW	By DL2AH as KH0/DL2AH fm Rota I; 80-6m; SSB FT8; Windom, TripleLeg; QSL via Club Log OQRS or DL2AH direct
Sep02	Sep17	Cape Verde Is	D44TWO	LoTW	By DF2WO fm Sao Tiago I (IOTA AF-005); 160-6m; CW SSB FT8; QSL via M00XO OQRS
Sep12	Sep18	Palau	T8	See Info	By JM1LIG as T88FM, J03LVG as T88MK, JR3QFB as T88FH; 160-6m; SSB FM FT8 FT4; QSL T88FM via JM1LIG direct (w/ SASE), T88MK via J03LVG (B/d), T88JH via JR3QFB
Sep15	Sep21	Greenland	OX0J	LoTW	By O20J fm Maniitsoq I (IOTA NA-220); 80-10m; verticals; QSL via Club Log OQRS or O20J
Sep16	Sep30	Guam	KH2	LoTW	By DL2AH as KH2/DL2AH; 80-6m; SSB FT8; Windom, TripleLeg; QSL via Club Log OQRS or DL2AH direct
Oct02	Oct10	St Vincent	J88PI	LoTW	By GW4DVB fm Palm I; 40 20 17 15 10m; SSTV C4FM FT8
Oct01	Oct14	Samoa	5W0LM	9A3MR	By 9A7Y 9A2NA S50B 9A3MR fm Apia; 160-6m; focus on CW, also SSB FT8; Hexbeam, verticals
Oct02	Oct15	French Polynesia	TX6D	LoTW aft 6 mos	By DK1BT DL4WK DL6SAK DL7BO DL7UFR fm IOTA OC-046 (BH52gm); 160-10m; CW SSB + digital; QSL via TX6D OQRS or DL7DF (B/d)
Oct03	Oct15	Marshall Is	V7	LoTW	By DL2AH as TBD (perhaps V73AH); 80-6m; SSB FT8; Windom, TripleLeg; QSL via Club Log OQRS or DL2AH direct
Sep01	Oct17	East Kiribati	T32AZ	KH6QJ (B/d)	By KH6QJ; HF
Oct10	Oct23	Niue	E6AM	LoTW	By LZ16C; 160-6m; CW SSB FT8; QSL via Club Log OQRS or LZ16C (B/d)
Oct18	Oct30	Micronesia	V63AH	LoTW	By DL2AH fm Kosrae (IOTA OC-059); 80-6m; SSB FT8; Windom, TripleLeg; QSL via Club Log OQRS or DL2AH direct
Oct10	Oct30	Tuvalu	T2C	LoTW	By DL7VEE + team fm Funfuti (IOTA OC-015); 160-6m; CW SSB RTTY FT8; 4 stations; QSL via DL4SVA
Oct27	Oct31	Micronesia	V63CB	LoTW	By JJ2CJB fm Pohnpei I (IOTA OC-010); 40-10m; SSB, some CW FT8; 500w; QSL via JJ2CJB direct
Oct25	Oct31	Micronesia	V6SZ	LoTW	By JA1WMO JJ1LIB JN1RVS AH7C A1CCH JH1ECG JH1EPI JF1UOX JA2FIA fm Chuuk (IOTA OC-011); 80-6m; CW SSB FT8 FT4; as time permits; QSL via Club Log OQRS; QRV for CQWW DX SSB
Oct25	Oct31	Saba & St Eustatius	PJ5	LoTW	By W5JON fm St Eustatius; 60-6m; SSB FT8; yagi, verticals; QSL also OK via W5JON direct
Oct01	Oct31	Vanuatu	YJ0TT	TBA	By NC7M N7JI K6VHF W6UC NG7E fm Port Vila; 160-6m + 23cm EME; CW SSB + digital; exact dates TBA; all ops will have personal call signs
Oct20	Nov04	Chatham I	ZL7	LoTW	By SP5EAQ as ZL7/SP5EAQ; 80-10m; SSB; QRV for CQ DX CW
Oct26	Nov09	Temotu	H40WA	LoTW	By N7QT N6PSE VE7NY OE1JUN DJ9RR HA0NAR W7XU N6XG fm IOTA OC-065 (RH29vg); 160-10; CW SSB FT8 (f/h); QSL via M0URX; QRV for CQWW SSB
Nov03	Nov10	Niue	E6AJ	DF8AN (B/d)	By DF8AN; HF; CW FT4 FT8 RTTY, perhaps PSK31; 100w; longwires, verticals; holiday style operation
Nov04	Nov19	Marquesas	TX7L	LoTW	By F6BCW F6EEQ F6FMC F6HBI F5VHQ F5JRX F5LRL F4ISZ F1MNQ fm Hiva Oa I; 160-6m CW SSB FT8 FT4 RTTY; 4 stations; QSL via EA5GL (B/d) or Club Log OQRS
Nov15	Nov29	Solomon Is	H44WA	M0URX	By WA7CPA, N7QT N7JP N9ADG NU7J WC7Q fm Guadacanal I (IOTA OC-047); 160-10m; CW SSB FT8
Nov21	Dec05	Christmas I	VK9XGM	LoTW	By GM3W0J GM4YXI fm IOTA OC-002; 80-10m; SSB CW FT8 FT4; QSL via Club Log OQRS or N3SL
Nov26	Dec08	St Martin	T09W	LoTW	By K9NU N9EP F54WBS W9AP K9EL; 160-6m; CW SSB FT8 FT4 RTTY; QSL via Club Log OQRS
Dec04	Dec16	Micronesia	V6EU	LoTW	By DL2AWG DK2AMM DL2AMD DF4GV fm Chuuk I (IOTA OC-011); 160-10m, perhaps 6m; SSB CW RTTY FT8; QSL via Club Log OQRS or DL2AWG
2024 Jan18	2024 Feb01	Clipperton I	TX5S	LoTW	By team fm IOTA NA-011 (DK50jh); 160-6m; SSB CW RTTY FT8; dates subject to change; see Web for full QSL details
2024 Feb13	2024 Feb20	Juan Fernandez	CB0ZA	HA1AG	By CE1EW XQ1KZ CE1KV XQ3SA XQ3SK AB5EB HI3R NP4G HA1AG N5KO fm IOTA SA-005; 160-2m; SSB CW RTTY FT8 + EME; dates subject to change; see Web for full QSL details
2024 Feb14	2024 Feb24	Guyana	8R	LoTW	By M0SDV DK6SP DJ4MX HA8RT as TBA; 160-6m; CW SSB FT8 RTTY; QSL via M00XO
2024 Mar04	2024 Mar16	Grenada	J3	LoTW	By ON4MA ON5NT ON5TN as TBA; 160-10m

16) 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:

+ CQ Worldwide DX Contest, RTTY	#1	0000Z, Sep 23 to 2400Z, Sep 24
+ CQ Worldwide DX Contest, SSB	#2	0000Z, Oct 28 to 2359Z, Oct 29
+ CQ Worldwide DX Contest, CW	#3	0000Z, Nov 25 to 2400Z, Nov 26
+ ARRL RTTY Roundup	#4	1800Z, Jan 6 to 2400Z, Jan 7
+ CQ WW RTTY WPX Contest	#5	0000Z, Feb 10 to 2400Z, Feb 11
+ ARRL Inter. DX Contest, CW	#6	0000Z, Feb 17 to 2400Z, Feb 18
+ ARRL Inter. DX Contest, SSB	#7	0000Z, Mar 2 to 2400Z, Mar 3

