



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



**SDXA - 05 sept 2019**

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

the program(s): Mike Ritz (W7V0), the NW ARRL Director - check out [attlnwdiv.org](http://attlnwdiv.org), the division webpage. Mike did two mini seminars; they were great

1. **“Behind the Curtain: Inside the ARRL Boardroom”** — Mike will show what actually happens during an ARRL Board meeting, how it's organized, and the special role that Vice Directors play in the process.
2. **“Using An SDR To Identify Noise In The Shack”** — Mike will demonstrate how to use one of the cheap SDR's to identify specific noise in your shack and area. Jay and I heard Mike present this and it was very helpful. I think we will all get some ideas on how to reduce RFI. (sdrsharp is the windows app Mike used.)

round the room: not tonight

note, fantastic program and questions were good, and the IDXA folks drove up and had the Flounder cup award and heads up on 2021 Pac NW DX conv.

so ran a little long and we had to skip over a few things on the business meeting. they will be underlined.

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; income: \$0 (); expenses: \$151.29 (July spkr room); dx fund: \$290; speaker fund: \$348.71
- 3) VP's report from n7gco; see web page for upcoming events

old business:

- 4) contests by wa0www jay:
  - a. first, a presentation from IDXA on our friendly IDXA/SDXA competition and the Flounder Cup. 2 Awards:
    - i. #1 - club with most points, the SDXA picked a great looking nice (traveling) trophy. see web page for pictures.
    - ii. #2 - club with highest score per contest participants, and IDXA came out on top there, with a nice certificate.
    - iii. with SDXA receiving the Flounder Cup this year, they are allowed to change or adjust the rules for next year. this will be discussed in the next meeting.
      1. though for now operate in the CQWW RTTY contest coming all points count!!
  - b. From the discussion earlier on, about proposed rule changes to the Pacific NW DX Trophy Cup, the clubs met at the PacNWDX convention and for now there will be no rule changes.
  - c. with that, #1 of 10 contest with the Pac NW DX clubs for 2019/2020 is coming up:

CQ Worldwide DX Contest, RTTY	0000Z, 28Sep to 2400Z, 29Sep
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- 5) DXpedition funding from committee:
  - a. has anyone researched any upcoming dxpeditions we should look at to contribute to?
    - i. if so we will pick one to look at further and who will do that.
    - ii. Motion: \_\_\_\_\_ moved to send the \_\_\_\_\_ group \$50, \_\_\_\_\_ 2<sup>nd</sup>d; motion passed
  - b. note: the secretary has not researched and reached out yet, to past contributors of the DXpedition funds to get their opinion to close it out and just go to the club when a donation makes sense.
  - c. the fund is now \$290; and a good site to follow: <http://www.ng3k.com/Misc/adxoc.html>;

- d. the committee membership was updated to: k7gs, k7kb and wu7x.
    - i. 2019: \$50 Tillamook Rock, IOTA NA-211
    - ii. 2018: \$250 Ducie Island; \$200-NCDXF
    - iii. 2016: \$100 VP8SGI S.G & VP8STI S.S; \$100 FT4JA Juan De Nova;
    - iv. 2015: \$300 VK0Ek Heard; \$100 TX3X Chesterfield; \$100 VK9WA Willis (all 3 QSLs)
- 6) **Spokane Hamfest 29 sep 19 @ u-high by wa0www jay:**
- i. k7dsr Dave is the chair, ki7qpj, Jake McCarty is the treasurer;
  - b. **who needs raffle tickets? did sell a bunch - thanks all.**
  - c. setup is going as normal. prizes will be DX Engring gift certificates, 750, 500, 250 and then a Raspberry Pi board.
  - d. committee meetings are 2<sup>nd</sup> tuesday of the month
  - e. we will be doing registration, who can help and preferred hours to work the table?
    - i. **aa6tq, ad7xg, wu7x, k7kb and n7gco all rose their hands, thanks guys.**
    - ii. from the request on the googlegroups, already on the list and thanks to these folks also.
    - iii. **n7uvh, k7tm, ki7dg, k7gs and k7sto,**
- 7) **club DX 2meter net for n7uvf Murf**
- a. 3<sup>rd</sup> wed, 19:00 local: 145.25, -600Hz, no tone (n7bfs). from Stensgar Mtn, near Chewelah.
- 8) **club log report from ki7dg, Chuck:**
- a. The following Club Log report for the Month of August is submitted.
  - b. Club Log updated this report Aug 26, 2019 at 1011 hrs.
  - c. Club standings out of 120 clubs listed and over 200 registered.
    - i. ORCA #16 up from last known #26
    - ii. WVDXC #56 no change from last report
    - iii. SDXA #68 Up from last report #73
    - iv. WVDXC #76 down from last report #75
  - d. We have 22 active members with 3 inactive for a total of 25 members on Club Log.
  - e. 1 request from Romania to join our group .... declined.
  - f. Respectively submitted Chuck Williams KI7DG, Club Log Administrator
- 9) **summer picnic, report:**
- a. Thanks to Del, wa7aqh opening up his home for our annual summer picnic, how did it go? great. many missed out on a great time and place!
- 10) **PAC NW DX conv.**
- a. all saw the email reports, was a very successful convention, anything else to share?
  - b. agenda
    - Rocky Evans, NE7D - What Via Buro Really Means
    - Ed Muns, W0YK - Contesting Beyond CW, SSB, RTTY
    - Dr. Joe Taylor, K1JT - Beyond WSJT-X 2.0
    - Dr. Tamitha Skov, WX6SWW - Space Weather Woman from Ham Nation
    - Mike Mertel, K7IR - The Steppir Story
    - Lou Dietrich, N2TU - Software Defined Radio
    - Ward Silver, N0AX - Banquet Speaker
    - John Miller, K6MM - Breakfast Speaker - Why We Do What We Do
  - c. 2021 IDXA/SDXA is moving forward and IDXA current president, na7em, Emmett has volunteered to be the chair. he k7tq, and n7zuf were here tonight to kick it off.
    - i. **Chair Emmett gave an introduction and SDXA replied they are ready to help.**
    - ii. Emmett did mention venues are being looked at now from downtown Spokane to Coeur d'Alene.
    - iii. **and for the SDXA folks, with IDXA taking on chair and leadership, this will be the IDXA/SDXA 2021 Pac NW DX convention.**
- 11) **non-profit**
- a. aug/sep: doesn't look like we need to register as a charitable organization in the state of WA, since we would be raising less than \$59k from the public (in an accounting year0>
    - i. **so we are done/done.**
    - ii. was an email out that we are listed on the Amazon site now as a non-profit and 0.5% of sales can be donated to us. check it out.
- 12) **web master status:**
- a. anything new to consider?

- b. looks like wa7aqh, n7gco and k7kb have picked up pieces for being the web master. still getting organized. in the end send them files so can copy paste things in.

new business:

13) none

14) new members of late:

- a. possible k5pjs, Peter
- b. july: kd7ghz, Mike
- c. mar: nz2s, Jeff Banke; new call wa7f Dave Lehmann (was ki7aar)
- d. jan: wa7tnt David Wilhelm; ki7aar David Lehmann, n7esu Jim Monroe and kw7j Harvey Brown is back
- e. dec: ad7xg-xyl Svetlana, and n7uvh, Pat Murphy, Post Falls.
- f. aug: k9jf, Jim Fenstermaker
- g. swapfest: wx7p, Janet Lowery
- h. recent: kk7dj, Coy Fullen is back

committees:

- a. **photographers: NZ2S and K7TM** ← new
- b. **librarian and historian - \_\_\_\_\_** ← new
- c. google group - n7gco
- d. local remote station/mentors - \_\_\_\_\_
- e. health and welfare of members - k7gs
- f. membership - k7kb
- g. dx - k7gs, wu7x, k7kb
- h. awards - ad7xg
- i. programs - n7gco
- j. technical - w7sx
- k. dx net - n7uvh
- l. **web - wa7aqh, n7gco, k7kb teaming up**
- m. contests - wa0www (focus 10 dx contests for pac nw trophy cup and IDXA/SDXA challenge)
- n. Spokane hamfest - wa0www (and ad7qj)
- o. club log: ki7dg
- p. SDXA cluster: wa0www; now at →73.42.252.217:7300  
(will investigate, could add to our go-daddy for www.cluster.sdx.org)
- q. 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 WA0WVW, 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) **Field Day 2020**, Dave, wa7tnt is considering to host it.

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 prezo 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) october meeting is at the North Spokane Library - 44 E. Hawthorne Road, up north at the 'Y'.  
phone 893-8350

a. currently the program will be **Home Brewing and Station Accessories – Part 2 (tbd)**

20) respectfully submitted by wa0www, jay, secretary.

21) and the great snacks from Diane and all.

2019		ham est 19	sep 19	aug 19	july 19	ham fest	oct 18	nov	dec	jan	feb	mar	apr 19	may 19	june 19
call	operator			picn ic					banq uet						
AA6TQ	Gordon		1			1		1			1			1	1
AC7MV	David				1	1			1	1					
AD7QJ	Harold		1		1	1		1			1		1	1	1
AD7XG	Gary		1	1	1	1	1	1	1	1	1	1	1	1	1
AD7XG-xy1	Svetlana		1	1		-	-	-	1	1	1				
AE7GT	MaryBeth				1	1		1	1	1					1
JA3CZY	Elvin														
K7AWB	Steve			1	1		1	1	1		1			1	
K7EFX	John														
K7GS	Gary		1	2	1	1	1	1		1		1	1	1	
K7HPT	Mark		1				1		1			1			
K7HRT	Patrick														
K7KB	John		1		1	1	1	1	2	1	1	1		1	1
K7STO	Michael		1		1	1	1	1	1	1	1	1	1	1	1
K7TM	Bob		1	2	1	1	1	1	1	1			1	1	1
K9JF	Jim		1						1	1		1			
KB7BEK	Cathy							1		1			1		
KC7UG	Tom					1	1	1		1	1	1	1		1
KE7KPO	Carl					1		1	1	1	1			1	1
KF7PBM	Joseph														
WA7F (KI7AAR)	Dave					-	-	-	-	1	1	1			1
KI7DG	Chuck					1									
KK7DJ	Coy					-	-								
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
N7GCO	Mel		1	2	1	1	1	1		1	1		1	1	1
N7KR	Mike					-	-	-	-						
N7SJM	Scott					1									
N7UVH	Murph		1	2	1	-	-	1		1	1	1	1		1
NE7F	Jim														
NZ2S	Jeff				1							1			
W0CG/PJ2DX	Geoff				1	1	1			1					
W3AS	Doug		1		1		1								
W6AEA	George														
W7BHP	Dick							1			1	1			
W7GSV	Robert					1									
W7MEM	Mark					1				1					
W7PEG	Peggy			1					1						
W7SX	Robert								1		1				
WA0WWW	Jay		1		1	1	1	1	1	1	1	1	1	1	1
WA1PMA	Wayne														
WA7AQH	Del		1	2	1			1		1	1			1	1
WA7TNT	Dave		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		1				
znocall	John														
-	-						-								
#in attend.			19+8	14	20+4	20+2	15+2	19+7	18+4	22+2	20/5	16/2	14/1	15/1	18+3
ad7fo	Jack		1												
ad7xg-xy1	Svetlana					1	1	1	-	-	-				

k5pjs	Peter		1	1										
k7db	Dave		1							1				
k7tq	Randy		1											
k7yph	Charlie													
kb7bek	Cathy (kc7ug)						-	-	-	-	-			
kb7jbx	Diane (n7au)		1	1	1	1	1	1	1	1	1	1	1	1
kd7ghz	Mike			1										
kf7rvv	Don													
k19a	Chris							1						
k7gs-xyl	Cille									1				
kw7j	Harvey									-				
na7em	Emmett(idxa)		1											
n0dxm	juaquetta (www)								1					
n7cod	Dan York													
n7esu	Jim							1		1				
n7gcn	Martha(n7gco)													
n7hcj	woody							1				1		
n7jvq	Lynn										1			
n7ma	Mark													1
n7qt	Rob												1	
n7zuf	Jay (idxa)		1					1						
n9adg	Brian													1
nb7kw	Brian Wingate													
nb7kw-dad														
nz2s	Jeff										1			
w7al	Al													
w7hee	Harry Estep													
w7jll	John										1			
w7saf	Shirley (k9jf)									1				
w7tj-xyl	Gale													
w7vo	Mike		1											
wa7yei	Yvonne (k7tm)									1				
ws7i	jay								1					

**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
14	Sep-01	Sep-30	Somalia	<a href="#">6070</a>	LoTW	By LA7GIA; 160-10m; mainly CW, perhaps SSB, digital; QSL also OK via M0OXO, logs to Club Log; 14 days in Sep, dates TBA
21	Oct-19	Nov-03	Lakshadweep Is	<a href="#">VU7RI</a>	LoTW	By M0KRI VU20B VU3XTG fm IOTA AS-011; 80-6m; SSB CW FT8; QSL also OK via Club Log OQRS, M0KRI direct: Shabu Ramakrishnan, 125 Falconwood Rd, Surrey, CR0 9BF, England
33	Aug-06	Aug-18	Maldives	<a href="#">8Q7GB</a>	LoTW	By IZ2DLV fm Nika I; 80-15m; CW SSB FT8; holiday style operation
49	Sep-25	Sep-30	Minami Torishima	<a href="#">JD1BNA</a>	JL1UTS Direct	By JD1BNA fm Marcus I (IOTA OC-073); 160-17m; CW SSB FT8
51	Aug-31	Sep-17	Burundi	<a href="#">9U3TMM</a>	LoTW	By IV3TMM fm Bujumbura; 60-6m; FT8 SSB RTTY; 1st 60m activation fm Burundi; holiday style operation
57	Oct-20	Nov-01	Comoros	<a href="#">D68CCC</a>	TBA	By IZ8CN I2VGW + internationa team; focus on low bands + WARC; focus on digital; 5 stations QRV 24 hrs/day
64	Nov-12	Nov-29	Cocos Keeling	<a href="#">VK9CZ</a>	LoTW	By GM3W0J GM4YXI fm IOTA OC-003; 160-10m, focus on low bands; CW SSB FT8; QSL also OK via Club Log and N3SL; QRV for CQWW DX CW
76	2020 Oct01	2020 Oct14	Midway I	<a href="#">KH4</a>	Club Log	By 11 op team as KH6VV/KH4 fm IOTA OC-030 (BL11ck); to include FT8; further details TBA
79	Aug-21	Aug-28	Faroe Is	<a href="#">OY</a>	LoTW	By IZ1AZA as OY/IZ1AZA fm IOTA EU-018; 40-10; CW SSB; QSL also OK via IZ1AZA or Club Log OQRS
83	Nov-04	Nov-16	Rwanda	<a href="#">9X2AW</a>	M0OXO	By DF2W0 fm Kigali; HF; CW SSB RTTY FT8; hexbeam, verticals

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

September 2019	
+ North American Sprint, CW	0000Z-0400Z, Sep 8
+ ARRL September VHF Contest	1800Z, Sep 14 to 0300Z, Sep 16
+ North American Sprint, RTTY	0000Z-0400Z, Sep 15
+ Washington State Salmon Run	1600Z, Sep 21 to 2400Z, Sep 22
+ CQ Worldwide DX Contest, RTTY	0000Z, Sep 28 to 2400Z, Sep 29
October 2019	
+ California QSO Party	1600Z, Oct 5 to 2200Z, Oct 6
+ CQ Worldwide DX Contest, SSB	0000Z, Oct 26 to 2359Z, Oct 27
November	
+ ARRL Sweepstakes Contest, CW	2100Z, Nov 2 to 0300Z, Nov 4
+ North American SSB Sprint Contest	0000Z-0400Z, Nov 10
+ ARRL Sweepstakes Contest, SSB	2100Z, Nov 16 to 0300Z, Nov 18
+ CQ Worldwide DX Contest, CW	0000Z, Nov 23 to 2400Z, Nov 24

december	
+ ARRL 160-Meter Contest	2200Z, Dec 6 to 1600Z, Dec 8
+ FT8 Roundup	1800Z, Dec 7 to 2359Z, Dec 8
+ ARRL 10-Meter Contest	0000Z, Dec 14 to 2400Z, Dec 15
+ RAC Winter Contest	0000Z-2359Z, Dec 28
+ Stew Perry Topband Challenge	1500Z, Dec 28 to 1500Z, Dec 29
january	
+ ARRL RTTY Roundup	1800Z, Jan 4 to 2400Z, Jan 5

### Pacific NW Challenge Trophy contests (updated for 2018-2019 dates):

+ CQ Worldwide DX Contest, RTTY #1	0000Z, 28Sep to 2400Z, 29Sep
+ CQ Worldwide DX Contest, SSB #2	0000Z, 26Oct to 2400Z, 27Oct
+ CQ Worldwide DX Contest, CW #3	0000Z, 23Nov to 2400Z, 24Nov
+ ARRL RTTY Roundup #4	1800Z, 04Jan to 2400Z, 05Jan
+ 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
+ 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. NWDXchallenge trophy contests, above:

a. 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
<a href="#">Sep-02</a>	Sep-09	<a href="#">Fiji</a>	<a href="#">3D2VR</a>	DD0VR	By DD0VR as TBD; HF; SSB; QSL OK via DARC Buro or direct
<a href="#">Sep-06</a>	Sep-09	<a href="#">Palau</a>	<a href="#">T88PB</a>	LoTW	By JA0JHQ fm Koror; HF; QSL also OK via JA0JHQ
<a href="#">Sep-06</a>	Sep-09	<a href="#">USA</a>	<a href="#">K7TRI</a>	See Info	By N3QQ VE3LYC VE7NY K08SCA fm Tillamook Rock (Oregon, IOTA NA-211); 2nd ever activation; 40-17m; CW SSB; 2 stns; QSL via Club Log OQRS; support sought
<a href="#">Sep-07</a>	Sep-12	<a href="#">Bonaire</a>	<a href="#">PJ4</a>	K5SL	By K5SL as PJ4/K5SL; 40-17m; CW; perhaps 17m SSB
<a href="#">Sep-02</a>	Sep-15	<a href="#">Kyrgyzstan</a>	<a href="#">EX6QP</a>	SP60JK	By SP6CIK SP60JK SP9FIH SP9FOW SP9TCE SP9HVV; HF; CW SSB RTTY FT8; inverted L, phased verticals, spiderbeams
<a href="#">Sep-06</a>	Sep-15	<a href="#">West Kiribati</a>	<a href="#">T30L</a>	LoTW	By YL2GM YL1ZF YL2KL YL3JA fm Tarawa (IOTA OC-017); 160-6m; CW SSB RTTY FT8; QSL also OK via Club Log OQRS and YL2GN
<a href="#">Sep-13</a>	Sep-16	<a href="#">Ceuta &amp; Melilla</a>	<a href="#">EA9</a>	DL2JRM	By DL2JRM as EA9/DL2JRM; HF; QRV for WAE SSB Contest; QSL OK via DARC Buro or direct
<a href="#">Sep-09</a>	Sep-16	<a href="#">Samoa</a>	<a href="#">5W0VR</a>	DD0VR	By DD0VR; HF; SSB; QSL OK via DARC Buro or direct
<a href="#">Sep-08</a>	Sep-16	<a href="#">South Cook Is</a>	<a href="#">E51SFS</a>	DH5FS	By DH5FS fm Rarotonga I (IOTA OC-013); 40-10m; CW FT8; 100w; ground plane; holiday style operation; QSL OK via DARC Buro or direct
<a href="#">Sep-12</a>	Sep-18	<a href="#">Liechtenstein</a>	<a href="#">HB0</a>	LoTW	By DL4APJ as HB0/DL4APJ, DJ2AX DL5ARG likewise; 80-10m; CW SSB PSK RTTY FT8 FT4; holiday style operation; QSL also OK via DARC Buro, DL4APJ direct, or eQSL
<a href="#">Sep-08</a>	Sep-20	<a href="#">Antigua</a>	<a href="#">V26K</a>	LoTW	By AA3B fm IOTA NA-100; HF; mainly CW; spare time operation; QSL also OK via AA3B and Club Log OQRS
<a href="#">Sep-12</a>	Sep-20	<a href="#">Palau</a>	<a href="#">T88MK</a>	J03LVG	By J03LVG; 160-6m; CW SSB JT65 JT9 FT8 FM; QSL OK via JARL Buro or direct, also eQSL
<a href="#">Sep-08</a>	Sep-21	<a href="#">Ghana</a>	<a href="#">9G5OU</a>	N4GNR Direct	By KB1QU; 40 30 20m; CW FT8 FT4
<a href="#">Sep-16</a>	Sep-21	<a href="#">Tonga</a>	<a href="#">A35J4</a>	DD0VR	By DD0VR; HF; SSB; QSL OK via DARC Buro or direct
<a href="#">Sep-06</a>	Sep-22	<a href="#">Corsica</a>	<a href="#">TK19IOTA</a>	LoTW	By F8BBL fm IOTA EU-100, EU-104, EU-164; mainly CW; QSL also OK via F8BBL (Buro or direct)
<a href="#">Sep-16</a>	Sep-25	<a href="#">Nauru</a>	<a href="#">C21W</a>	LoTW	By YL2GM YL1ZF YL2KL YL3JA fm IOTA OC-031; 160-6m; CW SSB RTTY FT8; QSL also OK via Club Log OQRS and YL2GN
<a href="#">Sep-14</a>	Sep-25	<a href="#">Palau</a>	<a href="#">T8</a>	Home Call	By JA6UBJ J03LVG JH6DUL J11HYH JM1IG JI6NCY as T88RR T88MK T88VV T88HY T88FM T88NC, respectively fm Koror I (IOTA OC-009); 160-6m; CW SSB RTTY
<a href="#">Sep-20</a>	Sep-25	<a href="#">South Cook Is</a>	<a href="#">E51SFS</a>	DH5FS	By DH5FS fm Aitutaki I (IOTA OC-083); 40-10m; CW FT8; 100w; ground plane; holiday style operation; QSL OK via DARC Buro or direct
<a href="#">Sep-23</a>	Sep-27	<a href="#">Fiji</a>	<a href="#">3D2</a>	DD0VR	By DD0VR as TBD; HF; SSB; QSL OK via DARC Buro or direct
<a href="#">Sep-21</a>	Sep-27	<a href="#">Isle of Man</a>	<a href="#">MD</a>	M0URX	By ON4ANN + NB DX Team as MD/OP2D; 160-6m, focus on low bands; SSB CW FT8 RTTY
<a href="#">Sep-15</a>	Sep-30	<a href="#">eSwatini</a>	<a href="#">3DA0AO</a>	HA5AO Direct	By HA5AO; 80-10m; CW RTTY FT8; OQRS available on Web page

<a href="#">Sep-20</a>	Oct-03	<a href="#">Crete</a>	<a href="#">SV9</a>	LoTW	By PH2M as SV9/PH2M; holiday style operation; QSL also OK via PH2M (Buro or direct)
<a href="#">Aug-23</a>	Oct-04	<a href="#">St Lucia</a>	<a href="#">J68HZ</a>	LoTW	By K9HZ; 40-6m;
<a href="#">Sep-29</a>	Oct-05	<a href="#">Tanzania</a>	<a href="#">5H3MB</a>	IK2GZU	By IK2GZU; HF; SSB CW RTTY; QSL OK via I Buro or direct, also Club Log OQRS
<a href="#">Sep-29</a>	Oct-05	<a href="#">Tanzania</a>	<a href="#">5H3</a>	RC5A	By RC5A RM0F as 5H3CA and 5H3RRC fm Mafia I (IOTA AF-054); 160-10m; CW SSB; QSL also OK via Club Log
<a href="#">Sep-24</a>	Oct-06	<a href="#">Tonga</a>	<a href="#">A35JT</a>	LoTW	By VK5GR VK5DX VK5AKH VK5SFA fm IOTA OC-049 (AG28hw); 160-6m; SSB CW FT8 RTTY 6m EME; QRV for OCDX SSB & CQ DX RTTY contests; QSL also OK via M00XO
<a href="#">Sep-21</a>	Oct-07	<a href="#">Belize</a>	<a href="#">V31US</a>	V31DX	By V31US fm Orange Walk; 80-20m + 10m; SSB + digital; spare time operation
<a href="#">Sep-24</a>	Oct-08	<a href="#">St Pierre &amp; Miquelon</a>	<a href="#">FP</a>	LoTW	By KV1J as FP/KV1J fm Miquelon I; 160-6m; mainly SSB RTTY FT8; some CW; QSL also OK via KV1J (Buro or direct) and Club Log
<a href="#">Oct-03</a>	Oct-10	<a href="#">Vanuatu</a>	<a href="#">YJ0BCP</a>	KD7WPJ	By KD7WPJ fm Efate I (IOTA OC-035); 40-6m; CW SSB FT8; QSL FT8 contacts via LoTW
<a href="#">Sep-30</a>	Oct-11	<a href="#">Liberia</a>	<a href="#">A82X</a>	LoTW	By Italian Dxpedition Team ops; 160-10m; CW SSB + digital (A82Z on digital)
<a href="#">Oct-02</a>	Oct-11	<a href="#">Tokelau</a>	<a href="#">ZK3A</a>	LoTW	By YT1AD ZL3WV VK3FY WD5COV K08SCA UR0MC UT5UY US0KW UT8IO UX0LL RW7K R7KW SV2BFN N7QT VE7NY PY2NDX UR9QQ K6VHF VK3GK fm IOTA OC-048; 160-6m; CW SSB RTTY PSK31 FT8; up to six K3 stations planned; Full QSL details on Web
<a href="#">Oct-05</a>	Oct-12	<a href="#">Belize</a>	<a href="#">V31JW</a>	LoTW	By NT5V; HF; QSL also OK via NT5V
<a href="#">Oct-04</a>	Oct-13	<a href="#">Br Virgin Is</a>	<a href="#">VP2V</a>	LoTW	By K5WE as VP2VEM and N5AQ as VP2V/N5AQ fm Tortola I (IOTA NA-023); 160-10m; mainly CW, some RTTY FT8 FT4 SSB; 400w; Hexbeam, CrankIR vertical, dipoles; QSL also OK via Club Log OQRS
<a href="#">Sep-29</a>	Oct-13	<a href="#">Cape Verde Is</a>	<a href="#">D44TWO</a>	M00XO	By DF2WO fm Praia, Santiago I (IOTA AF-005); 160-10m; FT8 PSK31 JT65 RTTY + some QRS CW; Hex beam, dipole; holiday style operation
<a href="#">Oct-02</a>	Oct-14	<a href="#">St Pierre &amp; Miquelon</a>	<a href="#">T080SP</a>	LoTW	By DK1BT DL4WK DL6SAK DL7DF DL7UFR SP3CYY SP3DOI fm NA-032 (GN16ws); 160-10m; CW SSB + digital; 3 stations; QSL also OK via DL7DF (DARC Buro or direct)
<a href="#">Oct-12</a>	Oct-15	<a href="#">Bermuda</a>	<a href="#">VP9</a>	W9HT Direct	By W9HT as W9HT/VP9; HF + 6m
<a href="#">Oct-01</a>	Oct-19	<a href="#">Lesotho</a>	<a href="#">7P8AO</a>	HA5AO Direct	By HA5AO; 80-10m, focus on high bands; mainly CW FT8; spare time operation; OQRS available on Web page
<a href="#">Oct-18</a>	Oct-22	<a href="#">Malta</a>	<a href="#">9H3YY</a>	DL2JRM	By DL2JRM; HF; QRV for WAG Contest; QSL OK via DARC Buro or direct
<a href="#">Oct-07</a>	Oct-23	<a href="#">West Kiribati</a>	<a href="#">T30GC</a>	LoTW	By LZ1GC OK2WM LZ3NY fm Tarawa I (IOTA OC-017); 160-10m; CW SSB RTTY; QSL also OK via Club Log (preferred) or LZ1GC (Buro or direct)
<a href="#">Oct-17</a>	Oct-31	<a href="#">Aruba</a>	<a href="#">P4</a>	PA7DA Buro	By PA7DA as P4/PA7DA fm IOTA SA-036; 40 20 10m; FT8 SSB CW
<a href="#">Oct-18</a>	Nov-01	<a href="#">Pitcairn I</a>	<a href="#">VP6R</a>	TBA	By AA7A EY8MM JR4OZR K0IR K0PC K9CT K9NM N4GRN N6HC W0GJ W0VTT W6IZT W8HC W9ZS SM5ADQ; all bands; all modes; 8 stations planned each 1kw; yagis and verticals
<a href="#">Oct-23</a>	Nov-01	<a href="#">Vietnam</a>	<a href="#">3W9QR</a>	JJ1DQR	By JJ1DQR fm Da Nang; HF
<a href="#">Oct-15</a>	Nov-03	<a href="#">Mayotte</a>	<a href="#">FH</a>	DJ7RJ	By DJ7RJ as FH/DJ7RJ; focus on low bands; CW SSB; inverted L
<a href="#">Oct-08</a>	Nov-04	<a href="#">Norfolk I</a>	<a href="#">VK9N</a>	LoTW	By SP5EAQ SP7VC SP5ES as TBA fm IOTA OC-005; HF; CW SSB + digital; QSL also OK via SP7VC (Buro or direct)
<a href="#">Nov-04</a>	Nov-07	<a href="#">Vanuatu</a>	<a href="#">YJ0RRC</a>	TBA	By RZ3FW R4WAA fm Gaua I (IOTA OC-104); 160-17m; CW SSB RTTY FT8
<a href="#">Nov-08</a>	Nov-13	<a href="#">Vanuatu</a>	<a href="#">YJ0RRC</a>	TBA	By RZ3FW R4WAA fm Tongoa I (IOTA OC-111); 160-17m; CW SSB RTTY FT8:
<a href="#">Nov-06</a>	Nov-19	<a href="#">Marquesas</a>	<a href="#">TX7T</a>	LoTW	By F6BCW K4UEE K5PI W5MJ W5SJ W5RF VA7DX VE7KW fm Hiva Oa I; 160-6m; CW SSB RTTY FT8
<a href="#">Nov-14</a>	Nov-20	<a href="#">Vanuatu</a>	<a href="#">YJ0FWA</a>	TBA	By RZ3FW R4WAA fm Efate I (IOTA OC-035); 160-17m; CW SSB RTTY FT8:
<a href="#">Nov-21</a>	Nov-27	<a href="#">Lord Howe I</a>	<a href="#">VK9LQ</a>	DF8AN	By DF8AN; 160-6m; CW SSB FT8 + other digital; QSL OK via Buro or direct
<a href="#">Nov-17</a>	Nov-30	<a href="#">Vietnam</a>	<a href="#">XV9D</a>	LoTW	By By RM2D; focus on 160-40m; main goal is to provide ATN0s and new band points on low bands; QRV for CQWW DX CW; QSL also OK via EA5GL direct
<a href="#">Dec-04</a>	Dec-13	<a href="#">St Martin</a>	<a href="#">FS</a>	LoTW	By K9NU as FS/K9NU, W9ILY N9AOL K9EL likewise + FS4WBS; 160-6m, focus on 160 80 40m; mainly CW FT8; regular uploads to Club Log; see Web site for full details
<a href="#">Dec-02</a>	Dec-20	<a href="#">Burkina Faso</a>	<a href="#">XT2AW</a>	M00XO	By DF2WO fm Ouagadougou; focus on 160 80 60m; CW SSB RTTY FT8; hexbeam, verticals
<a href="#">2020 Jan12</a>	2020 Jan31	<a href="#">Norfolk I</a>	<a href="#">VK9NK</a>	SP9FIH	By SP9FIH; 160-10m; CW SSB RTTY; operation to continue until Apr 12
<a href="#">2020 Feb20</a>	2020 Mar05	<a href="#">South Orkney Is</a>	<a href="#">VP8</a>	LoTW	By K3EL W2LK W1SRD PY2PT K5G5 W7XU DJ9RR HA0NAR WA6O 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
<a href="#">2020 Mar01</a>	2020 Mar15	<a href="#">Zambia</a>	<a href="#">9J2LA</a>	M00XO	By LB8DC LA3MHA; HF; CW SSB FT8; exact dates uncertain
<a href="#">2020 Mar18</a>	2020 Apr03	<a href="#">West Kiribati</a>	<a href="#">T30ET</a>	LoTW	By 5B4ALX fm Tarawa (IOTA OC-017); 160-6m; CW SSB FT8 RTTY; QSL also OK via Club Log OQRS
<a href="#">2020 Apr06</a>	2020 Apr14	<a href="#">St Vincent</a>	<a href="#">J88PI</a>	GW4DVB	By GW4DVB fm Palm I, Grenadines (IOTA NA-025); 40-6m; mainly SSB FT8
<a href="#">2020 Jul08</a>	2020 Jul15	<a href="#">Aruba</a>	<a href="#">P4</a>	ND7J	By ND7J as P4/ND7J and N4IQ as P4/N4IQ; QRV for IARU Contest
<a href="#">2020 Oct05</a>	2020 Oct12	<a href="#">Sable I</a>	<a href="#">CY0C</a>	Club Log	By WA4DAN K4UEE K4ZLE AA4NC WM2DX N2IEN N2TU K5DHY; 160-6m; CW SSB FT8 + EME, satellite; QSL also OK via WA4DAN