

### Spokane DX Association

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



#### SDXA - 07 nov 2019

the monthly meeting was called to order by prez ad7xg, Gary at 19:00 local.

the program: Bart Jahnke, (W9JJ) ARRL Radiosport and Field Services Manager (By Skype) TOPIC: "Maximizing LoTW" and Using LoTW effectively

- 1. How to verify what countries, modes, and bands you have worked? And Not worked?
- 2. How to check your status for various awards?
- 3. How to apply for the various awards?
- 4. How to quickly see your LoTW progress?
- 5. And other hints for using LoTW?

round the room: many new people tonight

### 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: \$968.38 (hmafest w/seed); expenses: \$50 (zk3a dx fund); 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. from the discussion earlier, about proposed rule changes to the PNWDX Trophy Cup, the clubs met at the PacNWDX convention and for now there will be no rule changes.
  - b. with that #2 of 10 contest with the Pac NW DX clubs for 2019/2020 was 2 weeks ago, with 12 folks totally 508,418 pts, 89% of last year. :

+ CQ Worldwide DX Contest, SSB #2 0000Z, 260ct to 2400Z, 270ct

c. and #3 of 10 contest with the Pac NW DX clubs for 2019/2020 is coming up, last year we 375,631 pts.

± CQ Worldwide DX Contest, CW #3 0000Z, 23Nov to 2400Z, 24Nov

d. ARRL sweepstakes is also this month.

## 5) **DXpedition funding** from committee:

a. has anyone researched any upcoming dxpeditions we should look at to contribute to?
 i. not this month.

→ Motion:\_\_\_\_\_ moved to send \$50 to the \_\_\_\_\_ group, \_\_\_\_\_ 2<sup>nd</sup>,d; motion passed

- b. the treasurer reporter that the Tillamook Rock site is no longer so not able to send the \$50 we voted on earlier, so will put back in the fund.
- c. 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.
- d. the fund is now \$290; and a good site to follow: <a href="http://www.ng3k.com/Misc/adxoc.html">http://www.ng3k.com/Misc/adxoc.html</a>;
- e. the committee membership is: k7gs, k7kb and wu7x.
  - i. 2019: \$50 Tillamook Rock, IOTA NA-211; \$50 Tokelau Islands ZK3A
  - 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** \_\_\_ sep 20 @ u-high
  - i. k7dsr Dave is the chair, k7geg, Jake McCarty is the treasurer for 2019;
  - b. treasurer reported the check came for our share of the profits from the spokane hamfest, for \$968.38, or a profit of \$468.38 for our \$500 seed money, not bad.

c. Motion:k7gs moved for \$500 be allocated for the 2020 Spokane Hamfest as seed money,  $wa7agh \ 2^{nd}, d$ ; motion passed

### 7) club DX 2meter net for n7uvf Murf

- a. ½ dozen checked in and interest is picking up and good discussions.
- b. 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:

- The following report for October, 2019.
- b. We have 24 signed up with two of those on the inactive list. Last Month we had 3 and one uploaded a log and followed the procedure below to become active.
  - i. #17 ORCA DX club down from #16
  - ii. #40 WWDXC up from #54
  - iii. #66 SDXA up from #67
  - iv. #77 WVDXC down from #76
- c. Report based on 123 listed clubs out of 230 clubs. Report last updated Nov 2, 2019 at 23:53 hours.
- d. After a year on no activity on Club Log, you become inactive.
  - i. To become active again and have your totals help the SDXA in its Club Leagues and DXCC leagues, Up load your contacts and then do the following:
  - ii. 1. Log in to Club Log and click the SETTINGS menu option at the top of most screens.
  - iii. 2. Click the red colored CALL SIGNS button.
  - iv. 3. For your call(s), ensure that the YES circle is checked in the SHOW IN LEAGUES? Column.
- e. YOU MUST UP LOAD UR CONTACTS AT LEAST ONCE A YEAR TO REMAIN ACTIVE.
- f. Respectively submitted Chuck KI7DG Club Log Administrator

#### 9) December Awards Banquet has been setup, Thanks much Mel.

- a. Location: Golden Corral (North Spokane)
- b. Date: December 5, 2019 (Thursday) This is our meeting for December.
- c. Time: 6:30 PM
- d. Address: 7117 N Division
- e. Cost: \$15.79 each plus tip (We will just pay individually when we arrive for the meal and leave the tip on the table)
- f. We have the Banquet/Party room reserved.

#### 10) officer elections for 2020

- **a.** per the constitution, a call was made for any other volunteers, or nominations from the floor: <u>none were heard.</u>
- b. <u>if not the current officers are okay to stay on:</u>

i.	<u>President:</u>	Gary Bytnar, 26450 Sterett Road North, Davenport, WA 99122
ii.	Vice President:	Mel Ming N7GCO, 13010 S Short Road, Cheny, 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

- c. per the constitutions a voice acclamation can be done for entire slate.
- d. Motion: ac7mv moved to accept the presented slate as officers for the SDXA for the year of2020, n7au  $2^{nd}$ , d;
  - i. all in favor voted yae, there were no nays or abstains. motion & slate passed.

### 11) PAC NW DX conv. place holder only for now, no reports.

a. 2021 IDXA/SDXA is moving forward and IDXA current president, na7em, Emmett will be chair

## <u>new business:</u>

- 12) **projector**, spirited discussion on we could use a new projector, with more lumens and resolutions, though should we spend the \$s, way beyond what we are getting in. end result:
  - a. Motion: wu7x moved to allow up to \$2000 for a new projector per Mel's intensive research and his choice, n7uvh 2<sup>nd</sup>; results most all rose their hands, at least 2 voted no, motion passed.
  - b. at the end several offered to donate to the projector fund anyway.
  - c. even though after the meeting, the treasurer put up a paypal donation on the web page and over the next week, many did donate. will get a report at the next meeting.
    - i. THANK YOU all that have donated to the project fund, this really really helps the yearly income versus expenses.

13) new members of late: (Thanks k7kb)

a. nov ag7ig, Mike-coming

b. sept/oct k5pjs, Peter; aa7rt Mary; n7ma Mark; n7cxi Jim; kf7me Joe; kc7igr Tina;

c. july: kd7ghz, Mike

d. mar: nz2s, Jeff Banke; new call wa7f Dave Lehmann (was ki7aar)

e. jan: wa7tnt David Wilhelm; ki7aar David Lehmann, n7esu Jim Monroe and kw7j Harvey Brown is back

f. dec: ad7xg-xyl Svetlana, and n7uvh, Pat Murphy, Post Falls.

g. aug: k9jf, Jim Fenstermaker h. swapfest: wx7p, Janet Lowery

### committees:

a. awards: ad7xg

b. card checker: ad7xg

c. club log: ki7dg

d. contests: wa0www (focus pnwdx challenge trophy cup and IDXA/SDXA flounder cup)

e. dx net: n7uvh

f. dx: k7gs, w/wu7x and k7kb

g. google group: n7gco

h. health and welfare of members: k7gs

i. historian: k7awb ← new

j. local remote station/mentor: wa7aqh ← new

k. membership: k7kb

1. photographers: NZ2S and K7TM

m. programs: n7gco

n. Spokane hamfest: wa0www (and ad7qj)

o. technical: w7sx
p. trustee-k7sdx: w7bhp

q. web: wa7aqh, w/n7gco and k7kb teaming up

r. SDXA cluster: wa0www; now at →73.42.252.217:7300

(will investigate, could add to our go-daddy for www.cluster.sdxa.org)

s. officers:

i. President: Gary Bytnar, 26450 Sterett Road North, Davenport, WA 99122
ii. Vice President: Mel Ming N7GCO, 13010 S Short Road, Cheny, WA 99004
iii. Treasurer: John Gager, 17525 N. Franklin Ct., Colbert, WA 99005
iv. Secretary: Jay Holcomb WAOWWW, 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
    - 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:

- 15) Field Day 2020, Dave, wa7tnt is considering to host it.
- 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 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) december meeting is the SDXA December awards banquet, see above
  - a. program is award presentations and what the club has done the past year.
- 20) respectfully submitted by wa0www, jay, secretary.
- 21) and the great refreshments from Diane, Bob, Cathy, Tom and Mike.

		nov	oct	hamf	sep	aug									
		19	19	est	19	19	july						apr	may	june
2019				19			19	nov	dec	jan	feb	mar	19	19	19
call	operator					picn ic			banq uet						
AA6TQ	Gordon	1	1	1	1			1	uet		1			1	1
AA7RT	Mary	1 -		1	-		1				_			<u> </u>	
AC7MV	David	1	1	_			1		1	1					
AD7QJ	Harold	1	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	1					1
AG7IG	Mikw	1													
JA3CZY	Elvin														<b>†</b>
K5PJS	Peter	1	1	1											
K7AWB	Steve	1				1	1	1	1		1			1	
K7EFX	John	<u> </u>				_									
K7GS	Gary	1	1	1	1	2	1	1		1		1	1	1	
K7HPT	Mark	<del>  -</del>			1				1			1			
K7HRT	Patrick								T -						<b>†</b>
K7KB	John	1	1	1	1		1	1	2	1	1	1		1	1
K7ST0	Michael	1	1	1	1		1	1	1	1	1	1	1	1	1
K7TM	Bob	1	1	1	1	2	1	1	1	1			1	1	1
K9JF	Jim	T -		1	1	<u> </u>			1	1		1		<u> </u>	<del></del>
KB7BEK	Cathy	1						1	_	1			1		
KC7IGR	Tina														
KC7UG	Tom	1		1				1		1	1	1	1		1
KD7GHZ	Mike			_			1								<del>-</del> -
KE7KP0	Carl	1		1				1	1	1	1			1	1
KF7ME	Joe														
KF7PBM	Joseph						İ								
KI7DG	Chuck			1											
KK7DJ	Coy														
KW7J	Harvey			1						1	1				
N7AU	Bob	1	1	1	1		1	1	1			1	1	1	1
N7ESU	Jim	1	1		1		1	-	-	-	1	1	1	1	1
N7GCO	Mel	1	1		1	2	1	1		1	1		1	1	1
N7KR	Mike						1	-	-						
N7MA	Mark						i i								
N7SJM	Scott						1								
N7UVH	Murph	1	1	1	1	2	1	1		1	1	1	1	1	1
NE7F	Jim														
NZ2S	Jeff	1	1	1			1					1			
W0CG/PJ2DX	Geoff			1			1			1					
W3AS	Doug	1			1		1								
W6AEA	George														
W7BHP	Dick	1		1		İ		1			1	1		İ	
W7GSV	Robert			1											
W7MEM	Mark	1								1					
W7PEG	Peggy					1			1						
W7SX	Robert								1		1				
WAOWWW	Јау	1	1	1	1		1	1	1	1	1	1	1	1	1
WA1PMA	Wayne														
WA7AQH	Del	1	1	1	1	2	1	1		1	1			1	1
WA7F (KI7AAR)	Dave							-	-	1	1	1			1
WA7TNT /	Dave	1	1	1	1		1	-	-	1	1	1	1	1	1
WU7X	Dale	1	1	1	1		1	1	1	1		1	1	İ	1
WX7B	Pritchard													İ	
WX7P	Janet			1				1	1		1				
-	-														

#in attend.		28+8	20+2	27+2	19+8	14	20+4	19+7	18+4	22+2	20/5	16/2	14/1	15/1	18+3
ad7dd	Aaron	1													
ad7fo	Jack			1	1										
ad7xg-xyl	Svetlana							1	-	-	-				
k5pjs	Peter				1		1								
k7db	Dave			1	1						1				
k7gs-xyl	Cille									1					
k7tq	Randy				1										
k7yph	Charlie														
kb7bek	Cathy (kc7ug)							-	-	-	-				
kb7jbx	Diane (n7au)	1	1	1	1		1	1	1		1	1	1	1	1
kf7rvv	Don														
k19a	Chris							1							
kw7j	Harvey									-					
n0dxm	juaquetta (www)								1						
n6wcn	Craig		1												
n7cod	Dan York			1											
n7esu	Jim							1		1					
n7gcn	Martha(n7gco)														
n7hcj	woody	1						1				1			
n7jvq	Lynn										1				
n7ma	Mark														1
n7qt	Rob						1								
n7zuf	Jay (idxa)				1			1							
n9adg	Brian														1
na7em	Emmett(idxa)				1										
nb7kw	Brian Wingate														
nb7kw-dad	0														
nc1p	Vincent	1													
nc1p-xyl	Nancy	1													
nz2s	Jeff										1				
w7al	Al														
w7clj	Charlotte	1													
w7gtf	Ron	1													
w7hee	Harry Estep														
w7jjl	John										1				
w7saf	Shirley (k9jf)								1						
w7tj-xyl	Gale														
w7vo	Mike				1										
wa7dj	Dan	1													
wa7yei	Yvonne (k7tm))								1						
ws7i	jay							1							<b>†</b>

# DX and contesting:

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

	more bx	Comiting up	,			
	<u>Start</u> Date	End Date	<u>DXCC</u> Entity	<u>Call</u>	QSL via	Info
	<u>Date</u>	Date	EIICICY		-	
33	Nov10	Nov17	Maldives	<u>8Q7KX</u>	Club Log OQRS	By DL8KX fm Baa Atoll (IOTA AS-013); 40 30 20 15 10m; CW; 100w; end feds; holiday style operation
33	Nov10	Nov30	Maldives	8Q7XR	ZL1BQD	By ZL1BQD fm IOTA AS-013; 80-10m; CW SSB FT8; to continue until 30 Dec; Note: Reissued call sign used by M0DXR in 2008
33	2020 May04	2020 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
43	2020 Feb20	2020 Mar05	South Orkney Is	<u>VP8</u>	LoTW	By K3EL W2LK W1SRD PY2PT K5GS 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
64	Nov12	Nov29	Cocos Keeling	<u>VK9CZ</u>	LoTW	By GM3WOJ 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
66	0ct15	Nov03	Mayotte	FH	DJ7RJ	By DJ7RJ as FH/DJ7RJ; focus on low bands; CW SSB; inverted L
76	2020 Oct01	2020 Oct14	Midway I	KH4	Club Log OORS	By 11 op team as KH6VV/KH4 fm IOTA OC-030 (BL11ck); to include FT8; further details TBA
81	2020 Jan20	2020 Feb09	Cocos I	TI9	LoTW	By XE1B HK50KY fm IOTA NA-012; 160-6m; SSB; 2 stations; 700w; QSL also OK via Club Log OQRS; no Buro cards
83	Nov04	Nov16	Rwanda	9X2AW	MØOXO	By DF2WO fm Kigali; HF; CW SSB RTTY FT8; hexbeam, verticals

ts comingup: <u>othe contest calendar</u> http://www.hornucopia.com/contestcal/index.html contests comingup:

recp.//www.nornacopia.com/concesteal	211000001101112
november	
<u>+</u> North American SSB Sprint Contest	0000Z-0400Z, Nov 10
<u>+</u> ARRL Sweepstakes Contest, SSB	2100Z, Nov 16 to 0300Z, Nov 18
<u>+</u> CQ Worldwide DX Contest, CW	0000Z, Nov 23 to 2400Z, Nov 24
december	
<u>+</u> 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

<u>+</u> RAC Winter Contest	0000Z-2359Z, Dec 28
<u>±</u> Stew Perry Topband Challenge	1500Z, Dec 28 to 1500Z, Dec 29
january	
<u>+</u> ARRL RTTY Roundup	1800Z, Jan 4 to 2400Z, Jan 5

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

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

## NWDXchallengetrophycontests, above:

a. please send your claimed scores to SDXA goggle group or wa@www@hotmail.com

to help keep the super check partial files complete consider to cc <u>k5zd@contesting.com</u> 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

<u>for most</u>	wanted:	h	ttp://www	.clublog.	org/mostwanted.php
<u>Start</u>	End	<u>DXCC</u>	<u>Call</u>	QSL	Info
<u>0ct11</u>	Nov11	Ascension I	ZD8SC	LoTW	By WB4GHY; 80-10m; SSB FT8 FT4; 100w; spare time operation; QSL OK via WB4GHY direct (w/ SASE)
<u>Nov05</u>	Nov11	<u>Malta</u>	<u>9H9DD</u>	DD5DD Direct	By DD5DD OK4MM DK4EI DL1AWD fm Marsalforn, Gozo I; 60-10m; CW SSB FT8; 100w; groundplane; QSL also OK via OK8ZZ
<u>Nov06</u>	Nov13	St Kitts & Nevis	V47FWX	моохо	By G0FWX; @V47JA; HF
<u>Nov08</u>	Nov13	<u>Vanuatu</u>	YJØRRC	ТВА	By RZ3FW R4WAA fm Tongoa I (IOTA OC-111); 160-17m; CW SSB RTTY FT8:
<u>Nov08</u>	Nov18	<u>Aland Is</u>	OH0UA	LoTW	By DL6UAA; 160-10m; CW RTTY FT8; 300w/CW, 100w/digital; QSL also OK via DL6UAA Buro
<u>Nov12</u>	Nov18	American Samoa	<u>KH8</u>	LoTW	By JA1VND as KH8/K1TF fm Pago Pago (IOTA OC-045); HF; CW SSB + digital; QSL also OK via JA1VND
<u>Nov06</u>	Nov19	<u>Marquesas</u>	<u>TX7T</u>	LoTW	By K5PI K4UEE W5MJ W5RF W5SJ VA7DX VE7KW F6BCW fm Hiva Oa I; 160-6m; CW SSB FT8; 3-4 stations; QSL also OK via M0URX OQRS
<u>Nov14</u>	Nov20	<u>Vanuatu</u>	YJ0FWA	ТВА	By RZ3FW R4WAA fm Efate I (IOTA OC-035); 160-17m; CW SSB RTTY FT8:
<u>Nov21</u>	Nov27	Lord Howe I	<u>VK9LQ</u>	DF8AN	By DF8AN; 160-6m; CW SSB FT8 + other digital; QSL OK via Buro or direct
Nov22	Nov27	<u>Micronesia</u>	<u>V63DX</u>	LoTW	By JA7HMZ fm Pohnpei (IOTA OC-010); 160-10m; QSL also OK via JA7HMZ direct
<u>Nov21</u>	Nov27	<u>Palau</u>	<u>T88DT</u>	LoTW	By JH10LB fm Koror I (IOTA OC-009); 160-6m; SSB CW RTTY PSK31 SSTV JT65A; QSL also OK via JH10LB (Buro or direct)
Nov23	Nov27	<u>Wallis &amp;</u> <u>Futuna</u>	<u>FW</u>	LoTW	By JA0JHQ as FW/M0JHQ fm Wallis I; 160-10m; CW FT8; possibly w/ special call sign; QSL also OK via JA0JHQ direct
Nov22	Nov28	<u>Guatemala</u>	<u>TG</u>	LoTW	By KT8X as TG/KT8X; CW FT8 RTTY; spare time operation; may be QRV for CQWW DX CW
<u>Nov16</u>	Nov28	<u>Tanzania</u>	<u>5H3UA</u>	LoTW	By K2BB RT5A US7UX UT7UV UU0JR fm Zanzibar I (IOTA AF-032); all HF bands; CW SSB + digital; EME using 5H3EME on 6, 2m; QRV for ARRL EME Contest and CQ WW DX CW Contest
<u>Nov10</u>	Nov30	<u>Bolivia</u>	<u>CP1XRM</u>	EA5RM	By EA5RM; 40-10m; SSB + digital; spare time operation
<u>Nov17</u>	Nov30	<u>Vietnam</u>	XV9D	LoTW	By By RM2D; focus on 160-40m; main goal is to provide ATNOs and new band points on low bands; QRV for CQWW DX CW; QSL also OK via EA5GL direct
<u>Dec02</u>	Dec09	<u>Micronesia</u>	<u>V6K</u>	JA1XGI	By JA1XGI fm Kosrae I (IOTA OC-059); focus on 160 80m; CW; QRV for ARRL 160m CW Contest
<u>Dec04</u>	Dec13	<u>St Martin</u>	<u>FS</u>	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
<u>0ct01</u>	Dec15	<u>Gabon</u>	TR8CR	F6AJA	By F8EN; HF; CW; QSL OK via REF Buro or direct
Dec02	Dec20	<u>Burkina Faso</u>	XT2AW	моохо	By DF2WO fm Ouagadougou; focus on 160 80 60m; CW SSB RTTY FT8; hexbeam, verticals
Dec15	Dec21	<u>Ecuador</u>	<u>HC5JLT</u>	W9HT	By W9HT; HF + 6m; SSB CW + digital
<u>Nov12</u>	Dec25	<u>Madagascar</u>	<u>5R</u>	Home Call	By JA8VE as 5R8VX and JA8VE as 5R8KU; SSB CW + digital (incl FT8 FT4); 500w; vertical, Hexbeam
Nov26	Dec28	<u>Ghana</u>	<u>9G5GS</u>	LoTW	By IZ4YGS; 160-20m + satellite; mainly FT8 Fox/Hound, SSB; 100w; QSL also OK via IZ4YGS direct, eQSL
Dec21	Dec28	<u>Liechtenstein</u>	<u>HB0</u>	LoTW	By DL2SBY as HB0/DL2SBY fm Masescha; 80-10m; SSB CW + digital; 1kw; inverted vee; QSL also OK via DL2SBY direct; logs will be uploaded to Club Log
<u>Nov12</u>	Dec31	<u>Thailand</u>	<u>HS0ZME</u>	SM6NT Buro	By SM6NT fm Hua Hin (NK92xm); 40-10m; mainly CW; 100w; Force 12, GP, R8, Alpha Delta multi-band; to continue until Apr 2020

Dec02	2020 Jan05	Ecuador	<u>HC</u>	EA5RM	By EASRM as HC3/EA5RM fm Loja and possbily fm Guayaquil using HC2/EA5RM; 40- 10m; SSB + digital
<u>2020</u> Jan02	2020 Jan07	Cyprus SBA	ZC4UW	LoTW	By G3ZAY MOBLF MOVFC G7VJR MOZXA G7SOZ MOWUT MOBBB; 160-10m; CW SSB; 400w; verticals; 4 stations; QSL via Club Log OQRS
Dec14	2020 Jan08	<u>Thailand</u>	HSØZNR	LoTW	By VK2BY fm Nam Yuen, Ubon Ratchathani; 80-10m; SSB FT8; 200w; Hex Beam; logs will be uploaded to Club Log
<u>2020</u> Jan09	2020 Jan15	<u>Montserrat</u>	<u>VP2MDT</u>	WV2B	By WV2B; SSB CW; holiday style operation
<u>2020</u> Jan11	2020 Jan19	<u>Cayman Is</u>	ZF2PG	LoTW	By ZF2PG; @ZF1A; SSB; 100w; QRV for NAQP SSB; QSL also OK via ZF2PG
<u>2020</u> <u>Jan24</u>	2020 Jan26	<u>Bahamas</u>	<u>C6AEI</u>	WB40MG	By WB40MG fm Grand Bahama I; QRV for CQ World Wide 160 Meter CW Contest
<u>2020</u> Jan12	2020 Jan31	Norfolk I	<u>VK9NK</u>	SP9FIH	By SP9FIH; 160-10m; CW SSB RTTY; operation to continue until Apr 12
<u>2020</u> <u>Feb04</u>	2020 Feb18	<u>Tanzania</u>	<u>5H</u>	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
<u>2020</u> Feb20	2020 Mar04	<u>Costa Rica</u>	<u>TI5</u>	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)
<u>2020</u> Mar01	2020 Mar15	<u>Zambia</u>	<u>9J2LA</u>	моохо	By LB8DC LA3MHA; HF; CW SSB FT8; exact dates uncertain
<u>2020</u> Mar10	2020 Mar25	American Samoa	<u>W8S</u>	ТВА	By international team fm Swain I (IOTA OC-200); HF; CW SSB FT8 RTTY; 4 stations, 2 camps
<u>2020</u> <u>Mar18</u>	2020 Apr03	West Kiribati	<u>T30ET</u>	LoTW	By 5B4ALX fm Tarawa (IOTA OC-017); 160-6m; CW SSB FT8 RTTY; QSL also OK via Club Log OQRS
<u>2020</u> <u>Apr06</u>	2020 Apr14	<u>St Vincent</u>	<u> J88PI</u>	GW4DVB	By GW4DVB fm Palm I, Grenadines (IOTA NA-025); 40-6m; mainly SSB FT8
<u>2020</u> Jul08	2020 Jul15	<u>Aruba</u>	<u>P4</u>	ND7J	By ND7J as P4/ND7J and N4IQ as P4/N4IQ; QRV for IARU Contest
<u>2020</u> <u>Oct05</u>	2020 Oct12	<u>Sable I</u>	<u>CY0C</u>	Club Log OQRS	By WA4DAN K4UEE K4ZLE AA4NC WW2DX N2IEN N2TU K5DHY; 160-6m; CW SSB FT8 + EME, satellite; QSL also OK via WA4DAN
<u> 0ct10</u>	2020 Oct22	Cape Verde Is	D44EA	OK7JR	By OK7JR fm Sal I (IOTA AF-086); HF