

Spokane DX Association

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



SDXA - 03 oct 2019

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

the program: our own Bob Hallock, K7TM, shared a number of Hints and Tips:

- 1.DXpedition Card. Bob has developed a card for keeping track of DXpeditions. This is a fabulous tool for keeping on top of all needed DXpeditions and new countries. The minute Mel saw this tool he adopted it for his station. We will have samples available for you to take home and Mel will get it on the SDXA web page also.
- 2.Spotting Networks. Bob uses Spotting networks very effectively. Hear about his style of using spotting networks.
- 3.Quartzite. Bob will tell about his experience at Quartzite.
- 4.Activating Counties. Bob has activated every county in Idaho, Washington and Montana, plus many in Wyoming, Utah and California. Learn more about this fun part of the hobby.
- 5.Station overview. We had a chance to look over Bob's station and antenna farm. He uses wire antenna's very effectively.

round the room: lots of good stuff

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: \$104 (dues); expenses: \$149.88 (picnic); dx fund: \$290; speaker fund: \$348.71
- 3) **VP's report** from n7gco; see web page for upcoming events and Mel shared a fair number of things coming up. election and program in November, club needs a projector (send in donations please, you can write off as donations), december awards banquet plans, some programs in the works for next year, and more.

old business:

- 4) contests by wa0www jay:
 - a. we can update the IDXA/SDXA Flounder cup this year, being winners of the cup last year, if we want to. do we want to adjust the rules or anything? seemed feedback was leave as is, so that will be the plan for now.
 - i. e.g. 2 awards:
- 1)the cup-club with highest total
- 2)cert-club with highest per participant score.
- ii. it would be nice to present the flounder cup at the PAC NW DX convention.
- b. from the discussion earlier, 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 was last week end CQ Worldwide DX Contest, RTTY 0000Z, 28Sep to 2400Z, 29Sep
- d. and #2 of 10 contest with the Pac NW DX clubs for 2019/2020 is coming up:
 ± CQ Worldwide DX Contest, SSB #2 0000Z, 260ct to 2400Z, 270ct
 - i. it was reported there will be some most wanted on, look for them.
- 5) **DXpedition funding** from committee:
 - a. has anyone researched any upcoming dxpeditions we should look at to contribute to?i. not really but a short discussion and:
 - → Motion:n7uvh moved to send \$50 to the ZK3A/Tokelau Islands group, w7ux 2nd,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 going to \$240; 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; \$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 last week, 28 sep 19 @ u-high
 - i. k7dsr Dave is the chair, k7geg, Jake McCarty is the treasurer for 2019;
 - b. thanks you to all that helped at the registration table, our part of the hamfest.
 - i. aa6tq, ad7xg, wu7x and k7kb
 - ii. n7uvh, k7tm, ki7dg, k7gs and k7sto
 - iii. and wa7tnt, Dave who filled in with late notice.
 - c. ad7qj, Harold, reported on the results of the hamfest. some basics:
 - i. 440 attendees, the raffle prizes only lost \$10.xx (much better than last year) and each of the clubs, including SDXA, almost doubled their seed money.
 - d. next month will vote on if we want to provide \$500 seed money again next year.
- 7) club DX 2meter net for n7uvf Murf
 - a. great turnout and fun discussion. all need to check in.
 - b. 3rd wed, 19:00 local: 145.25, -600Hz, no tone (n7bfs). from Stensgar Mtn, near Chewelah.
- 8) club log report from ki7dg, Chuck:
 - a. We have 21 Active members and 3 inactive members for a total of 24 registered members.
 - b. The club standing in the Club leagues:
 - i. ORCA DX #16 No Changeii. WWDXC #54 up from #56iii. SDXA #67 up from #68iv. WVDXC #76 No Change
 - c. Their were 121 clubs listed out of over 200 registered.
 - d. Club Log update was Sept 23 at 2100 hours.
 - e. Respectively submitted, Chuck KI7DG, Club Log Administrator
- 9) place holder: PAC NW DX conv. place holder only for now, no report.
 - a. 2021 IDXA/SDXA is moving forward and IDXA current president, na7em, Emmett will be chair
- 10) web master status:
 - a. anything new to consider? not really. the team is getting the job done, thank them when you can .
 - b. wa7aqh, n7gco and k7kb have picked up pieces for being the web master. in the end send them files so can copy paste things in.

new business:

- 11) officer elections next month:
 - a. the officers will be the nominating committee, though any nominations please send to one of the officers, please do not post on the google group.
- 12) 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.
- 13) request made to let ARRL know could anything be done to push for folks with a call not in their current district to sign with a /x, at least on ft8.
- 14) **new** members of late:
 - a. sept/oct k5pjs, Peter; aa7rt Mary; n7ma Mark; kf7me Joe; kc7igr Tina; (Thanks k7kb)
 - 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

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

1. 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.sdxa.org)

q. officers:

i. <u>President: Gary Bytnar, 26450 Sterett Road North, Davenport, WA 99122</u>

ii. Vice President: Mel Ming N7GCO, 13010 5 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:

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; JT65, 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) november meeting is at the North Spokane Library 44 E. Hawthorne Road, up north at the 'Y'. phone 893-8350
 - a. program is a skype presentation on LoTW from W9JJ Bart Jahnke, the New ARRL Radiosport and Field Services Manager,
- 20) respectfully submitted by wa0www, jay, secretary.
- 21) and the great snacks from Diane and all.

		oct 19	hamf est	sep 19	aug 19	july	oct						apr	may	june
2019		19	19	15	19	19	18	nov	dec	jan	feb	mar	19	19	19
call	ononaton				picn				banq						
	operator				ic				uet						
AA6TQ	Gordon	1	1	1				1			1			1	1
AA7RT	Mary		1												
AC7MV	David	1				1			1	1					
AD7QJ	Harold	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				
AE7GT	MaryBeth	1				1		1	1	1					1
JA3CZY	Elvin														
K5PJS	Peter	1	1												
K7AWB	Steve				1	1	1	1	1		1			1	
K7EFX	John														
K7GS	Gary	1	1	1	2	1	1	1		1		1	1	1	
K7HPT	Mark			1			1		1			1			
K7HRT	Patrick														
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	2	1	1	1	1	1			1	1	1
K9JF	Jim		1	1					1	1		1			
KB7BEK	Cathy	1						1		1			1		
KC7IGR	Tina	1	<u> </u>	<u> </u>				- -							
KC7UG	Tom	1	1				1	1		1	1	1	1		1
KD7GHZ	Mike		-			1		<u> </u>		_	_	_	_		
KE7KPO	Carl		1			-		1	1	1	1			1	1
KF7ME	Joe		_						-					-	
KF7PBM	Joseph	1													
KI7DG	Chuck		1												
KK7DJ	Coy		-				-								
KW7J	Harvey	1	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
				 	_			-	-	- 1		1			
N7GCO	Mel	1		1	2	1	1	1		1	1		1	1	1
N7KR	Mike						-	-	-						
N7MA	Mark														
N7SJM	Scott	-	-	-					-						
N7UVH	Murph	1	1	1	2	1	-	1	-	1	1	1	1		1
NE7F	Jim														
NZ2S	Jeff	1	1			1						1			
W0CG/PJ2DX	Geoff		1			1	1			1					
W3AS	Doug			1		1	1								
W6AEA	George														
W7BHP	Dick		1					1			1	1			
W7GSV	Robert		1												
W7MEM	Mark									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	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
WU7X	Dale	1	1	1		1	1	1	1	1		1	1		1
WX7B	Pritchard														
WX7P	Janet		1				1	1	1		1				
-	-						-								
#in attend.		20+2	27+2	19+8	14	20+4	15+2	19+7	18+4	22+2	20/5	16/2	14/1	15/1	18+3
ad7fo	Jack			1											
ad7xg-xyl	Svetlana	1					1	1	-	-	-				<u> </u>
k5pjs	Peter			1		1	-	-	-			-			
k7db	Dave	-	1	1					 		1			 	
k7tq	Randy Charlie		-	1										-	
k7yph kb7bek	Cathy (kc7ug)	+	 	—			_	_	_	_	_				
kb7jbx	Diane (n7au)	1	1	1		1	1	1	1		1	1	1	1	1
kf7rvv	Don	1	1	1											
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			
n6wcn	Craig	1									
w7al	Al										
w7hee	Harry Estep										
w7jjl	John							1			
w7saf	Shirley (k9jf)					1					
w7tj-xyl	Gale										
w7vo	Mike		1								
wa7yei	Yvonne (k7tm))					1					
ws7i	jay				1						

<u>DX and contesting:</u>the basic list of the DXpeditions in the top 100 wanted more DX coming up

see below for a listing of

_						
	<u>Start</u>	End	<u>DXCC</u>	<u>Call</u>	QSL	Info
	<u>Date</u>	Date	<u>Entity</u>	<u>Ca11</u>	via	11110
Ī			Lakshadweep			By M0KRI VU2OB VU3XTG fm IOTA AS-011; 80-6m; SSB CW FT8; OSL also OK via Club Log
21	Oct-19	Nov-03	Is	<u>VU7RI</u>	LoTW	OQRS, MOKRI direct: Shabu Ramakrishnan, 125 Falconwood Rd, Surrey, CR0 9BF, England
57	Oct-20	Nov-01	Comoros	D68CCC	TBA	By IZ8CCW I2VGW + internationa team; focus on low bands + WARC; focus on digital; 5 stations QRV 24 hrs/day
			Cocos			By GM3WOJ GM4YXI fm IOTA OC-003; 160-10m, focus on low bands; CW SSB FT8; OSL also
64	Nov-12	Nov-29	Keeling	VK9CZ	LoTW	OK via Club Log and N3SL; QRV for CQWW DX CW
	2020	2020			Club	By 11 op team as KH6VV/KH4 fm IOTA OC-030 (BL11ck); to include FT8; further details
76	0ct01	0ct14	Midway I	<u>KH4</u>	Log	TBA
83	Nov-04	Nov-16	Rwanda	<u>9X2AW</u>	M00X0	By DF2WO fm Kigali; HF; CW SSB RTTY FT8; hexbeam, verticals

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

nttp://www.nornucopia.com/contestcal	/index.ntml
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	
<u>+</u> California QSO Party	1600Z, Oct 5 to 2200Z, Oct 6
<u>+</u> CQ Worldwide DX Contest, SSB	0000Z, Oct 26 to 2359Z, Oct 27
november	
<u>+</u> ARRL Sweepstakes Contest, CW	2100Z, Nov 2 to 0300Z, Nov 4
+ 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
<u>+</u> FT8 Roundup	1800Z, Dec 7 to 2359Z, Dec 8
<u>+</u> ARRL 10-Meter Contest	0000Z, Dec 14 to 2400Z, Dec 15
<u>+</u> RAC Winter Contest	0000Z-2359Z, Dec 28
+ 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
+ CQ Worldwide DX Contest, SSB	#2	0000Z, 260ct to 2400Z, 270ct
+ CQ Worldwide DX Contest, CW	#3	0000Z, 23Nov to 2400Z, 24Nov
<u>+</u> ARRL RTTY Roundup	#4	1800Z, 04Jan to 2400Z, 05Jan

± 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
± 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. NWDXchallengetrophycontests,above:

- to help keep the super check partial files complete consider to cc k5zd@contesting.com when you submit your Cabrillo logs.

 http://www.ng3k.com/Misc/adxoc.html

other DX coming up: http://www.clublog.org/mostwanted.php for most wanted:

<u>Start</u>	End	DXCC	<u>Call</u>	QSL	Info
<u>Aug-23</u>	Oct-04	<u>St Lucia</u>	<u>J68HZ</u>	LoTW	By K9HZ; 40-6m;
<u>Sep-29</u>	Oct-05	<u>Tanzania</u>	<u>5H3MB</u>	IK2GZU	By IK2GZU; HF; SSB CW RTTY; QSL OK via I Buro or direct, also Club Log OQRS
<u>Sep-29</u>	Oct-05	<u>Tanzania</u>	<u>5H3</u>	RC5A	By RC5A RM0F as 5H3CA and 5H3RRC fm Mafia I (IOTA AF-054); 160-10m; CW SSB; QSL also OK via Club Log
<u>Sep-24</u>	Oct-06	<u>Tonga</u>	<u>A35JT</u>	LoTW	By VK5GR VK5XDX 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
<u>Sep-21</u>	Oct-07	<u>Belize</u>	<u>V31US</u>	V31DX	By V31US fm Orange Walk; 80-20m + 10m; SSB + digital; spare time operation
<u>Sep-24</u>	Oct-08	St Pierre & Miquelon	<u>FP</u>	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
<u>Oct-03</u>	Oct-10	<u>Vanuatu</u>	<u> ҮЈ0ВСР</u>	KD7WPJ	By KD7WPJ fm Efate I (IOTA OC-035); 40-6m; CW SSB FT8; QSL FT8 contacts via LoTW
<u>Sep-30</u>	0ct-11	<u>Liberia</u>	<u>A82X</u>	LoTW	By Italian Dxpedition Team ops; 160-10m; CW SSB + digital (A82Z on digital)
<u>0ct-02</u>	0ct-11	<u>Tokelau</u>	ZK3A	LoTW	By YT1AD ZL3WW VK3FY WD5COV KO8SCA 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
<u> 0ct-05</u>	Oct-12	<u>Belize</u>	<u>V31JW</u>	LoTW	By NT5V; HF; QSL also OK via NT5V
<u>0ct-04</u>	0ct-13	Br Virgin Is	<u>VP2V</u>	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
<u>Sep-29</u>	Oct-13	Cape Verde Is	<u>D44TW0</u>	моохо	By DF2WO fm Praia, Santiago I (IOTA AF-005); 160-10m; FT8 PSK31 JT65 RTTY + some QRS CW; Hex beam, dipole; holiday style operation
<u>0ct-02</u>	Oct-14	St Pierre & Miquelon	<u>T080SP</u>	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)
<u>0ct-12</u>	0ct-15	<u>Bermuda</u>	VP9	W9HT Direct	By W9HT as W9HT/VP9; HF + 6m
<u>0ct-01</u>	0ct-19	<u>Lesotho</u>	<u>7P8A0</u>	HA5AO Direct	By HA5AO; 80-10m, focus on high bands; mainly CW FT8; spare time operation; OQRS available on Web page
<u>0ct-18</u>	Oct-22	<u>Malta</u>	<u>9H3YY</u>	DL2JRM	By DL2JRM; HF; QRV for WAG Contest; QSL OK via DARC Buro or direct
<u>0ct-07</u>	Oct-23	<u>West Kiribati</u>	<u>T30GC</u>	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)
<u>0ct-17</u>	0ct-31	<u>Aruba</u>	<u>P4</u>	PA7DA Buro	By PA7DA as P4/PA7DA fm IOTA SA-036; 40 20 10m; FT8 SSB CW
<u>0ct-18</u>	Nov-01	<u>Pitcairn I</u>	<u>VP6R</u>	ТВА	By AA7A EY8MM JR4OZR KØIR KØPC K9CT K9NW N4GRN N6HC WØGJ WØVTT W6IZT W8HC WB9Z SM5ADQ; all bands; all modes; 8 stations planned each 1kw; yagis and verticals
<u>0ct-23</u>	Nov-01	<u>Vietnam</u>	<u>3W9QR</u>	JJ1DQR	By JJ1DQR fm Da Nang; HF
<u>0ct-15</u>	Nov-03	<u>Mayotte</u>	<u>FH</u>	DJ7RJ	By DJ7RJ as FH/DJ7RJ; focus on low bands; CW SSB; inverted L
<u> 0ct-08</u>	Nov-04	Norfolk I	<u>VK9N</u>	LoTW	By SP5EAQ SP7VC SP5ES as TBA fm IOTA OC-005; HF; CW SSB + digital; QSL also OK via SP7VC (Buro or direct)
<u>Nov-04</u>	Nov-07	<u>Vanuatu</u>	YJØRRC	ТВА	By RZ3FW R4WAA fm Gaua I (IOTA OC-104); 160-17m; CW SSB RTTY FT8
<u>Nov-08</u>	Nov-13	<u>Vanuatu</u>	YJØRRC	ТВА	By RZ3FW R4WAA fm Tongoa I (IOTA OC-111); 160-17m; CW SSB RTTY FT8:
<u>Nov-06</u>	Nov-19	<u>Marquesas</u>	<u>TX7T</u>	LoTW	By F6BCW K4UEE K5PI W5MJ W5SJ W5RF VA7DX VE7KW fm Hiva Oa I; 160-6m; CW SSB RTTY FT8
<u>Nov-14</u>	Nov-20	<u>Vanuatu</u>	YJ0FWA	ТВА	By RZ3FW R4WAA fm Efate I (IOTA OC-035); 160-17m; CW SSB RTTY FT8:
<u>Nov-21</u>	Nov-27	Lord Howe I	<u>VK9LQ</u>	DF8AN	By DF8AN; 160-6m; CW SSB FT8 + other digital; QSL OK via Buro or direct
<u>Nov-17</u>	Nov-30	<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>Dec-04</u>	Dec-13	<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>Dec-02</u>	Dec-20	<u>Burkina Faso</u>	XT2AW	моохо	By DF2WO fm Ouagadougou; focus on 160 80 60m; CW SSB RTTY FT8; hexbeam, verticals
<u>2020</u> <u>Jan12</u>	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>Feb20</u>	2020 Mar05	South Orkney <u>Is</u>	<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
<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> <u>Mar18</u>	2020 Apr03	<u>West Kiribati</u>	<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	St Vincent	<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 0ct12	Sable I	<u>CY0C</u>	Club Log	By WA4DAN K4UEE K4ZLE AA4NC WW2DX N2IEN N2TU K5DHY; 160-6m; CW SSB FT8 + EME, satellite; QSL also OK via WA4DAN