



Long Path



Volume 37 Issue 10

SEMDXA NEWSLETTER

October 2019



ARRL

From the Editor's DESK

I've been leafing through some OLD issues of the Long Path. Some as far back as September 1995. But the September 1998 issue caught my attention. Front page headline read "September Meeting Could Decide SEMDXA's Future" The first paragraph..."As some of you are aware, the June SEMDXA meeting failed to produce the quorum necessary to vote in new officers. This, along with slumping attendance, program issues, meeting location problems and what appears to be just a general lack of interest, have created some questions regarding the future direction and/or existence of SEMDXA."

I'm glad that things turned out OK and that SEMDXA is still in existence today. I have met many new friends within the club and am proud to say that I am a SEMDXA member when conversing with those outside of our club. I'm pleased that I can issue The Long Path on a monthly basis for the club membership. It's just my small contribution to keeping the club alive.

See you on the 10th...

Chet VE3CFK

W9DXCC

Steve, K8QKY and I attended W9DXCC in September. They had a great program! I actually learned a couple of things, but the attendance was down. Usually they have 300+ attendees. This year they had just over 200. The good news was that everyone got a prize. I won a MFJ coffee mug. Next years event is Sept. 11-12, 2020 at The Pheasant Run Resort in St. Charles

Calendar

NEXT Meeting:

2nd THURSDAY

October 10, 2019

Gino's Restaurant

1999 Cass Lake Rd,
Keego Harbor, MI 48320

Directions: [Gino's Pizza](#)

Gathering starts at **5:30 pm (dinner on you) and meeting begins at 7 pm** followed by the presentation.

PRESENTATION for Oct 10:

Chet VE3CFK and his New TOY and
3 short DX Videos

SEMDXA OFFICERS

President: Robert Mueller, **K8RGM**

Vice-president: Al Bailey, **K8SIX**

Treasurer: Brad Nowak, **N8SNM**

Secretary: Doug Basberg, **N8VY**

Program Director: Gerry Treas, **K8GT**
and Steve Culp, **K8QKY**

Directors: Ted, **K8NA**, and Lee, **N8LJ**

Club Appointees:

Web Site Editor: Larry Gauthier, **K8UT**

LP Publisher: Chet Latawiec, **VE3CFK**

ARRL and CQ Appointees:

DXCC Checker: Stan Arnett, **AC8W**

DXCC Checker: Bill Jones, **N8KF**

DXCC Checker: Less Butler, **W8MSP**

VUCC Checker: Al Bailey, **K8SIX**

VUCC Checker: Jim Sanford, **K8ZZU**

CQ Checker: Mike Rudzki, **N8MR**

CQ Checker: Al Bailey, **K8SIX**

SEMDXA

September Meeting Minutes

Bob, K8RGM, opened the meeting at 7:05 followed by introductions. 16 members present.

Chet and Stephen were at the W9DXCC event. Doug is still sick.

Winter Weather Spotter Training will be in South Lyon on October 7 at the District Library. Registration is required. Call 248-858-5300 or email your name, phone, email address to ocem@oakgov.com.

Secretary minutes from June were approved as published in Long Path.

Brad gave the treasure's report consolidated from June.

He also reported that we had donated \$100 to Tokelau Island ZK3A. While not in our top 25 your board felt we would help them out since we did not donate anything over the past year.

Old business: Bob finally got his act together and we have a source for shirts. Polos are \$25 in several colors. Denim long sleeve are \$37. The club will pay a one time charge of \$25 to set up the logo. Voted and approved.

New business: Al, K8SIX, had three boxes of old books and manuals from K8VFFV for sale inexpensively (cheap).

Pete had three announcements which I did not get....2 involved events with students and the third was he is heading for the islands. Check with him. (I sure miss Doug!).

50/50 raffle was won by Jay.....\$28.

Programs:

October is yet to be determined.

November will be John, VE3EJ and he will be talking about WRTC. Gerry said this will be an interesting meeting.

Today: We had a presentation via thumb drive on ZL8R, Kermadec Island, which is part of New Zealand. In the past it was a radio fix during the war for planes headed to New Zealand. It now has a manned research/weather station. It also has an active volcano which got active during the expedition and killed one of the researchers. He was in a small boat taking readings at the time. He was never recovered.

The meeting was closed a little after 8 pm.

Respectively submitted, K8RGM, Bob, President, 50/50 manager, Sec'y this month....I need some help!

Low Bands

Low bands - PJ4DX, Steve, notes low-band propagation, pleased to note that enhanced autumn/winter propagation is already happening on the low bands, as we are now nine days into the fall season.

VK6APZ is on 80 SSB every day at his sunrise. PJ4DX says he heard Peter for the first time at 2220Z, five minutes before local PJ4 sunset, 30 minutes after VK6 sunrise. That was longpath, a 21,700 km path. VK6APZ has been heard working VE2 and W1 and W2 stations around that time but has been inaudible in PJ4 until now. The VK6 signal at PJ4 was not strong but Q5 with a quiet background. In mid-March they worked each other at 2216Z when VK6APZ was an astonishing 58 and gave PJ4DX a 47 signal report. Steve is looking forward to the next five months of good low band propagation. (Thank you "The Daily DX")

Chet, VE3CFK adds that he has heard VK and Conway Reef on 160M this season.

VP6R - Pitcairn

The Pitcairn Island DXpedition team (VP6R) will be launching a full-scale multi-multi effort in the CQWW DX SSB Contest on the weekend of October 26th and 27th. They will be offering a contact from zone 32 and the first ever VP6 multiplier in this event. The multipliers will be available on all bands, 160 through 10 meters.

If you're not in the contest, no problem. Just give them a signal report and your CQ zone in the exchange. Then work a few other stations just for fun!

Local Hamfests

10/5/19	Alpena Swap	Alpena, MI
10/5/19	Scioto Valley	Chillicothe, OH
10/5/19	Vette City	Bowling Green, KY
10/12/19	Northwest Ohio ARC	Lima, OH
10/19/19	Muskegon Color Tour	Muskegon, MI
10/20/19	Kalamazoo	Kalamazoo, MI
10/26/19	Hazard Hamfest	Hazard, KY
10/27/19	USECA Hamfest	Madison Hgts, MI
11/2/19	Grant ARC Hamfest	Georgetown, OH
11/3/19	Massillon	Massillon, OH

S7 - Seychelles

Members of the Polish DXpeditions group are planning to activate S79W (SP9FIH, Janusz), and S79CI (SP6CIK, Leszik) between October 18 and 29. They will have an IC7200 and K3 along with two Expert 1.3K-FA amplifiers capable of putting out 400 watts. Activity will be on SSB, CW, RTTY and FT8 on 1.8 through 28 MHz using verticals. QSL via the operators home call. S79W will be in the CQWW DX SSB October 26-27. This will be a single op single band by SP9FIH. He hasn't told us yet which band. Logs will be uploaded to Club Log and eventually to LoTW.

www.s79.dxpeditions.org

Jamboree On The Air

K8S – BSA JOTA station will be on the air October 18-19 as part of Jamboree On the Air. It will be located at Troy Michigan Fire House #2 on Livernois Rd.

There will be a 20 and 40M SSB station and maybe 17M. Also 2 Meter Simplex and DMR operation will be featured.

Please work the Scouts on the Air.

KH8/S - Swains Is.

W8S, with 10 operators, will be on from Swains Island, OC-200, March 10-25, operating on CW, SSB, FT8 and RTTY on all the HF bands with four stations set up in two op sites on the island.

<https://swains2020.ildxt.eu>.

Solar Science

Solar scientists are studying current goings on, with plasma flow near the sun's surface explaining sunspots and other solar phenomena.

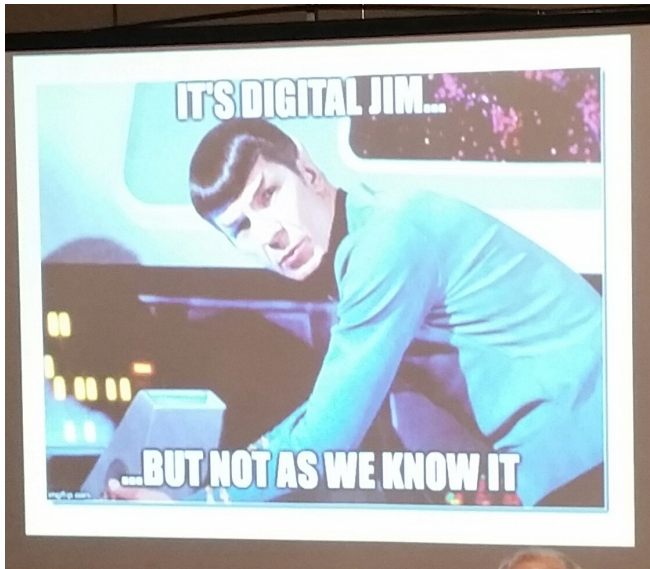
Science Daily reports:

[Solar Science Link](#)

Pi for Ham Radio

An article by Karl-Heinz Krawczyk DL1GKK describes how to install amateur radio software on the Raspberry Pi to provide the popular data modes, SSTV, satellite tracking, SDR, rig control and logbook. The English language article is available on the site of Indonesia's national amateur radio society ORARI. Karl-Heinz says "I am a big friend of the small Raspberry Pi which and usethis gladly for amateur radio. With version 4 it is fast enough to fulfill all tasks. There are many ways and many software to make the Pi fit for Ham Radio. Below is the installation how I use it. My choice of programs has the advantage that they are compatible with each other." [Raspberry Pi for Ham-Radio](#)

FT8



NE8Z Activities

Rick NE8Z writes:

I will be leaving on October 22nd for Panama and Ecuador.

From October 22 thru Oct 26 I will be minimally active as HP8/NE8Z and HP1/NE8Z.

From October 27 thru November 30 I will be very active as HC1MD/2 again from the Farallon Dillon Capay on Hill Lighthouse, ARLS EC-017. I will be running a Yaesu FT857D

with 100w on 80-6m CW-SSB-FT8. I will be using an old mobile Spider Vertical and an 80-6m Windom which will be strung from the top of the lighthouse sloping towards the North down to the beach. I will be living inside of the lighthouse.

7P8 - Lesotho

HA5AO, Pista, again has 7P8AO on the air, now until October 19. He has an Elecraft K3S and KPA500 amp to a vertical, on 80-10 mainly CW and FT8 on higher bands. <https://www.ha5ao.com>.

PZ - Suriname

A team of six ops will be at the PZ5RA QTH for the CQWW CW in November. A group set the all-time Suriname record from there a few years ago. This time the ops will be W0OR, N0AT, K0TG, KM0O, K6RB and N6XI. The antennas are ready, two towers each with Yagis for 40-10, plus an 80M sloper and 160M T and receiving beverage. The contest call will be PZ5W and they will be a multi-2. The expected gear is a pair of K3 rigs, an ACOM 2000 amp and Kenwood amp, with an Elecraft KPA500 as backup. QSL details are still under consideration. Before the contest they may do some WARC-79 bands operating, SSB, RTTY and FT8/4. The operation likely will start about November 20.

VE3CFK's New Toy

One of the neatest and best bang for your buck devices/toys is this device I purchased on eBay.... a NanoVNA.

\$42. Yup \$42 ! It does both S11 and S21, thus it's a dual ported device. Comes with 2 patch cables, 3 calibration slugs and is the size of a credit card and about 5/8" thick. Remember those Smith charts you had to study for your Extra? Well it generates those too. I'll bring it to the October meeting for show and tell, and I plan on giving a short presentation on this NanoVNA and all the marvelous things you can do with a VNA.

More Solar Stuff

1921 Solar Event May Have Been Bigger than Carrington Event

Scientific American [reports](#) that, according to new data, the "New York Railroad Storm" of 1921 may have surpassed the intensity of the famous Carrington Event of 1859. In his paper published in the journal *Space Weather*, Jeffrey Love of the US Geological Survey and his colleagues reexamined the intensity of the 1921 event in greater detail than previously.

Although different measures of intensity exist, geomagnetic storms are often rated on an index called disturbance storm time (D_{st}) -- a way of gauging global magnetic activity by averaging out values



for the strength of Earth's magnetic field measured at multiple locations. Earth's baseline D_{st} level is about -20 nanoteslas (nT), with a "superstorm"

condition occurring when levels fall below -250 nT. Studies of the very limited magnetic data from the Carrington Event peg its intensity at anywhere from -850 to -1,050 nT. According to Love's study, the 1921 storm came in at about -907 nT.

Peter Ward in his 2017 *New York History Blog* article "Strange Phenomena: The New York Railroad Storm" [recounted](#) that theatre-goers in New York City "marveled at the spectacle" of an iridescent cloud that was brighter than the moon. "On the roof of the *Times* Building, reporters, having discovered the telegraph lines to be curiously blocked, gathered to watch the aerial kaleidoscope," he wrote.

As with the earlier Carrington Event, telegraph operators experienced wild fluctuations in the current on their circuits, while wireless propagation was enhanced. "The next day, papers reported that the Central New England railroad station (also home to the telegraph switchboard) had burned to the ground." Railroad officials later blamed the fire on the aurora.

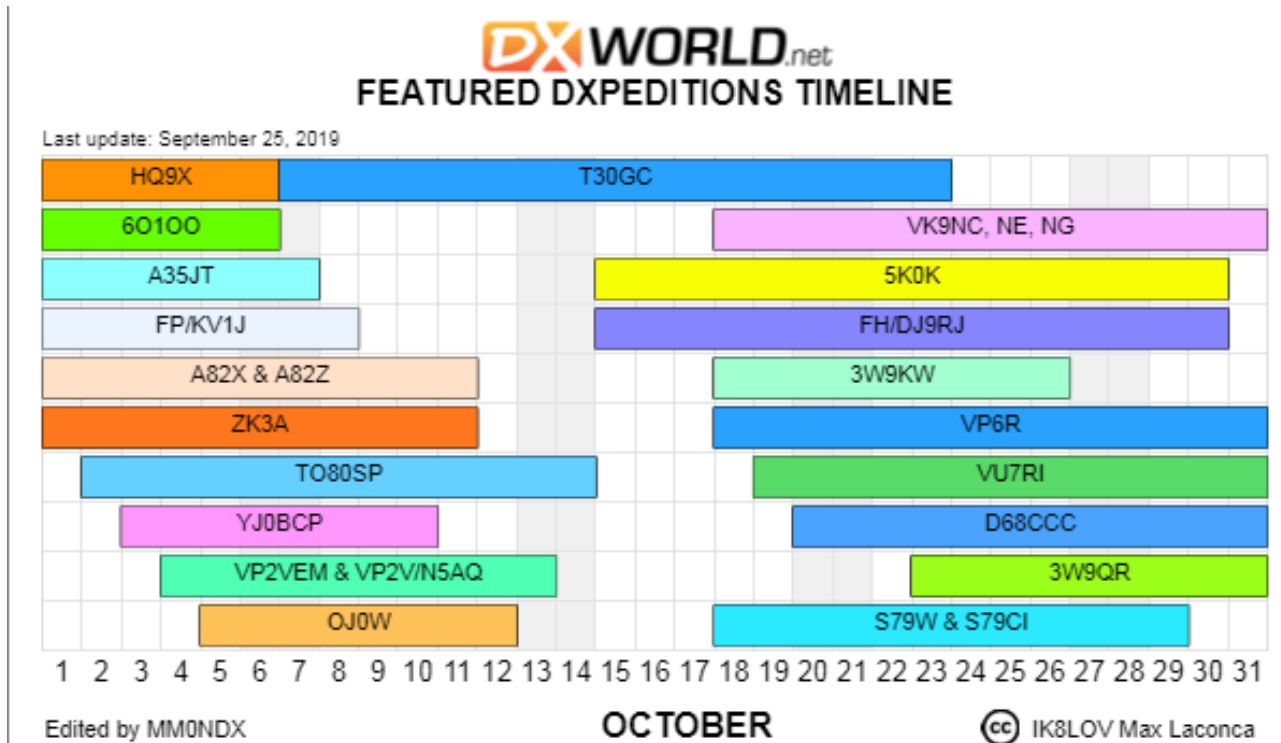
According to Ward's article, the lights were visible in New York, California, and Nevada. Especially in rural areas, "the lights were said to be brighter, appear closer to the ground, and even move with a swishing sound."

Railroad and telegraph service were restored the following week, although one Western Union transatlantic cable showed signs of damage. "Delays and damage lead to some referring to it as the New York Railroad Storm," Ward wrote.

A dramatic [description](#) of the event on the SolarStorms.org website said, "At 7:04 AM on May 15, the entire signal and switching system of the New York Central Railroad below 125th Street was put out of operation, followed by a fire in the control tower at 57th Street and Park Avenue."

Upcoming DX

Credit to DX World



One of the local QRPers was by last week, this one not quite a Believer. “It’s all the talk about ‘DX Is’,” he said. “I don’t understand it. And it should be ‘DX Was’, shouldn’t it?” We had to think this over for here we had been thinking we were all stepping into the Age of DX Enlightenment where the Mysteries of the Ages and the Eternal Enigmas of DXing would be known to all the Deserving. The QRPer continued. “Here I have been DXing for well over ten years. I was a youth when I started and now middle-age is at hand. And where has been any chance to work countries like Burma and China? Clipperton has not been heard from for almost two decades. How about South Sandwich and Iraq and the Neutral Zone? If you want a clue to whether or not DX was, take a look at those! And there are even more. DX Was!” Son of a Gun! How does one explain these things to one

who does not have a firm grasp of the Eternal Enigmas! So we did another of our often brilliant maneuvers and hauled the QRPer up the hill to the Old Timer who asked but one question. “How do you figure to work some DX that was on twenty years ago?” First, we got a shrug. Then the QRPer acknowledged that he could not turn back the clock. “I have to work the DX that is on now, not what was on years back.” And suddenly, right there we had a believer. “I get it,” he said, and as all true-blue DXers eventually learn, though you can regret the DX you did not work yesterday, you can only work the DX that you hear today. And the DX you work is the DX that is. DX Is!

Credit to “The Best of the West Coast DX Bulletin”.

Upcoming DX

Credit to: NG3K Amateur Radio
Contest/DX Page

Editors NOTE:

I've intentionally left a wide
margin here for your notes on
band and mode fills required.

Start Date	End Date	DCCC Entity	Call	QSL via	Reported by
August					
2019 Aug21	2019 Oct14	Chad	TT8JLH [spots]	eQSL	TDDX 20190906
2019 Aug23	2019 Oct04	St Lucia	J68HZ [spots]	LoTW	TDDX 20190812
September					
2019 Sep20	2019 Oct03	Crete	SV9 [spots]	LoTW	TDDX 20190301
2019 Sep20	2019 Oct05	Bermuda	VP9 [spots]	DL1YAF	TDDX 20190922
2019 Sep20	2019 Oct07	Honduras	HQ9X [spots]	KQ1F	W1UE 20190915
2019 Sep20	2019 Oct10	Dodecanese	SV5 [spots]	LoTW	TDDX 20190920
2019 Sep21	2019 Oct07	Belize	V31US [spots]	V31DX	TDDX 20190720
2019 Sep23	2019 Oct08	Somalia	60100 [spots]	EP3CQ	TDDX 20190924
2019 Sep24	2019 Oct06	Tonga	A35JT [spots]	LoTW	DXW.Net 20181218
2019 Sep24	2019 Oct08	St Pierre & Mi- quelon	FP [spots]	LoTW	TDDX 20181128
2019 Sep25	2019 Oct11	Tokelau	ZK3A [spots]	LoTW	DXW.Net 20181217
2019 Sep27	2019 Oct03	Vietnam	3W9KJ [spots]	LoTW	425DXN 2019097
2019 Sep29	2019 Oct05	Tanzania	5H3MB [spots]	IK2GZU	DXW.Net 20190705
CQ WW DX Contest, RTTY (Sep 28-29, 2019) Check here for pericontest activity					
2019 Sep29	2019 Oct05	Tanzania	5H3 [spots]	RC5A	DXW.Net 20190618
2019 Sep29	2019 Oct06	Malta	9H3GK [spots]	DL700 Buro	TDDX 20190902

Upcoming DX

Credit to: NG3K Amateur Radio
Contest/DX Page

2019 Sep30	2019 Oct04	Faroe Is	OY [spots]	LoTW	TDDX 20190927
2019 Sep30	2019 Oct11	Liberia	A82X [spots]	LoTW	I2YSB 20190417
October					
2019 Oct01	2019 Oct19	Lesotho	7P8AO [spots]	HA5AO Direct	DXNews 20190325
2019 Oct01	2019 Oct11	Canary Is	EA8 [spots]	DL4FO	TDDX 20190926
2019 Oct01	2019 Dec15	Gabon	TR8CR [spots]	F6AJA	425DXN 20190920
2019 Oct02	2019 Oct09	Vietnam	XV9DXB [spots]	EB7DX	DXNews 20190926
2019 Oct02	2019 Oct13	Cape Verde Is	D44TWO [spots]	M0OXO	OPDX 20190513
2019 Oct02	2019 Oct14	St Pierre & Miquelon	TO80SP [spots]	LoTW	DXW.Net 20190722
2019 Oct03	2019 Oct10	Vanuatu	YJ0BCP	KD7WPJ	KD7WPJ 20190530
2019 Oct03	2019 Oct13	Cyprus	5B	LoTW	TDDX 20190912
2019 Oct04	2019 Oct13	Br Virgin Is	VP2V	LoTW	DXNews 20190815
2019 Oct05	2019 Oct12	Belize	V31CC	LoTW	DXNews 20190828
2019 Oct05	2019 Oct12	Belize	V31JW	LoTW	DXNews 20190811
2019 Oct05	2019 Oct12	Market Reef	OJ0W	OH3WS	DXNews 20190821

Upcoming DX

Credit to: NG3K Amateur Radio
Contest/DX Page

2019 Oc- t06	2019 Oc- t20	Zambia	9J2MYT	Club Log OQRS	DXNews 20191002
2019 Oc- t07	2019 Oc- t11	Belize	V31	LoTW	TDDX 20190610
2019 Oc- t07	2019 Oc- t23	West Kiribati	T30GC	LoTW	425DXN 20190510
2019 Oc- t08	2019 Nov04	Norfolk I	VK9N	LoTW	DXW.Net 20190529
2019 Oc- t12	2019 Oc- t15	Bermuda	VP9	W9HT Direct	DXNews 20190814
2019 Oc- t14	2020 Oc- t29	Guadeloupe	FG4KH	LoTW	TDDX 20191001
2019 Oc- t15	2019 Oc- t30	San Andres & Providencia	5K0K	LoTW	DXNews 20190825
2019 Oc- t15	2019 Nov03	Mayotte	FH	DJ7RJ	TDDX 20190610
2019 Oc- t16	2019 Oc- t22	St Kitts & Nevis	V47JA	LoTW	W5JON 20190929
2019 Oc- t17	2019 Oc- t31	Aruba	P4	PA7DA Buro	DXW.Net 20190704
2019 Oc- t18	2019 Oc- t22	Malta	9H3YY	DL2JRM	DL2JRM 20190704
2019 Oc- t18	2019 Oc- t26	Vietnam	3W9KW	DK8KW	DXW.Net 20190924
2019 Oc- t18	2019 Oc- t29	Seychelles	S79	Home Call	SP9FIH 20190929
2019 Oc- t18	2019 Nov01	Pitcairn I	VP6R	TBA	OPDX 20181217
2019 Oc- t19	2019 Oc- t31	Lakshadweep Is	VU7RI	LoTW	DXNews 20190416
2019 Oc- t21	2019 Nov02	Comoros	D68CCC	TBA	MDXC 20190609
2019 Oc- t23	2019 Nov01	Vietnam	3W9QR	JJ1DQR	DXNews 20190706

Upcoming DX

Credit to: NG3K Amateur Radio
Contest/DX Page

[CQ WW DX Contest, SSB \(Oct 26-27, 2019\) Check here for pericontest activity](#)

November					
2019 Nov04	2019 Nov07	Vanuatu	YJORRC	TBA	DXW.Net 20190403
2019 Nov04	2019 Nov16	Rwanda	9X2AW	M0OXO	DXW.Net 20190512
2019 Nov06	2019 Nov13	St Kitts & Nevis	V47FWX	M0OXO	TDDX 20190911
2019 Nov06	2019 Nov19	Marquesas	TX7T	LoTW	K4UEE 20190409
2019 Nov08	2019 Nov13	Vanuatu	YJORRC	TBA	DXW.Net 20190403
2019 Nov10	2019 Nov30	Maldives	8Q7XR	ZL1BQD	OPDX 20190902
2019 Nov12	2019 Nov18	American Samoa	KH8	LoTW	DXW.Net 20190918
2019 Nov12	2019 Dec25	Madagascar	5R	Home Call	TDDX 20190920
2019 Nov12	2019 Nov29	Cocos Keeling	VK9CZ	LoTW	DXNews 20190313
2019 Nov12	2019 Dec31	Thailand	HS0ZME	SM6NT Buro	TDDX 20191002
2019 Nov14	2019 Nov20	Vanuatu	YJ0FWA	TBA	DXW.Net 20190403
2019 Nov17	2019 Nov30	Vietnam	XV9D	LoTW	SM6LRR 20190114
2019 Nov21	2019 Nov27	Lord Howe I	VK9LQ	DF8AN	DXW.Net 20190730
2019 Nov21	2019 Nov27	Palau	T88DT	LoTW	TDDX 20190911
2019 Nov22	2019 Nov27	Micronesia	V63DX	LoTW	JA7HMZ 20190824
2019 Nov22	2019 Nov28	Guatemala	TG	LoTW	KT8X 20190927

Upcoming DX

Credit to: NG3K Amateur Radio
Contest/DX Page

[CQ WW DX Contest, SSB \(Oct 26-27, 2019\) Check here for pericontest activity](#)

November					
2019 Nov04	2019 Nov07	Vanuatu	YJ0RRC	TBA	DXW.Net 20190403
2019 Nov04	2019 Nov16	Rwanda	9X2AW	M0OXO	DXW.Net 20190512
2019 Nov06	2019 Nov13	St Kitts & Nevis	V47FWX	M0OXO	TDDX 20190911
2019 Nov06	2019 Nov19	Marquesas	TX7T	LoTW	K4UEE 20190409
2019 Nov08	2019 Nov13	Vanuatu	YJ0RRC	TBA	DXW.Net 20190403
2019 Nov10	2019 Nov30	Maldives	8Q7XR	ZL1BQD	OPDX 20190902
2019 Nov12	2019 Nov18	American Samoa	KH8	LoTW	DXW.Net 20190918
2019 Nov12	2019 Dec25	Madagascar	5R	Home Call	TDDX 20190920
2019 Nov12	2019 Nov29	Cocos Keeling	VK9CZ	LoTW	DXNews 20190313
2019 Nov12	2019 Dec31	Thailand	HS0ZME	SM6NT Buro	TDDX 20191002
2019 Nov14	2019 Nov20	Vanuatu	YJ0FWA	TBA	DXW.Net 20190403
2019 Nov17	2019 Nov30	Vietnam	XV9D	LoTW	SM6LRR 20190114
2019 Nov21	2019 Nov27	Lord Howe I	VK9LQ	DF8AN	DXW.Net 20190730
2019 Nov21	2019 Nov27	Palau	T88DT	LoTW	TDDX 20190911
2019 Nov22	2019 Nov27	Micronesia	V63DX	LoTW	JA7HMZ 20190824
2019 Nov22	2019 Nov28	Guatemala	TG	LoTW	KT8X 20190927

Upcoming DX

Credit to: NG3K Amateur Radio
Contest/DX Page

December					
2019 Dec02	2019 Dec09	Micronesia	V6K	JA1XGI	DXNews 20190916
2019 Dec02	2019 Dec20	Burkina Faso	XT2AW	M0OXO	DXW.Net 20190512
2019 Dec04	2019 Dec13	St Martin	FS	LoTW	TDDX 20190522
2019 Dec14	2020 Jan08	Thailand	HS0ZNR	LoTW	TDDX 20191001
2019 Dec15	2019 Dec21	Ecuador	HC5JLT	W9HT	DXNews 20190912
2019 Dec21	2019 Dec28	Liechtenstein	HB0	LoTW	TDDX 20190912
2020					
January					
2020 Jan09	2020 Jan15	Montserrat	VP2M	WV2B	WV2B 20190917
2020 Jan11	2020 Jan19	Cayman Is	ZF2PG	LoTW	TDDX 20191001
2020 Jan12	2020 Jan31	Norfolk I	VK9NK	SP9FIH	SP9FIH 20190626
2020 Jan20	2020 Feb09	Cocos I	TI9	LoTW	TDDX 20190917
2020 Jan24	2020 Jan26	Bahamas	C6AEI	WB4OM G	TDDX 20190919
February					
2020 Feb04	2020 Feb18	Tanzania	5H	I2YSB	I2YSB 20190820
ARRL International DX Contest, CW (Feb 15-16, 2020) Check here for pericon-					
2020 Feb20	2020 Mar05	South Orkney Is	VP8	LoTW	K5GS 20190316
March					
2020 Mar01	2020 Mar15	Zambia	9J2LA	M0OXO	DXW.Net 20190514

Upcoming DX

Credit to: NG3K Amateur Radio
Contest/DX Page

[ARRL International DX Contest, Phone \(Mar 7-8, 2020\) Check here for pericon-](#)

2020 Mar10	2020 Mar25	American Samoa	W8S	TBA	PA3EWP 20190922
2020 Mar18	2020 Apr03	West Kiribati	T30ET	LoTW	OPDX 20190630
April					
2020 Apr06	2020 Apr14	St Vincent	J88PI	GW4DV B	DXW.Net 20190625
May					
2020 May04	2020 May12	Maldives	8Q7KB	LoTW	TDDX 20190912
July					
2020 Jul08	2020 Jul15	Aruba	P4	ND7J	ND7J 20190722
October					
2020 Oct01	2020 Oct14	Midway I	KH4	Club Log OQRS	DXW.Net 20190731
2020 Oct05	2020 Oct12	Sable I	CYOC	Club Log OQRS	WA4DAN 20190513