



Long Path



Volume 34 Issue 7

SEMDXA NEWSLETTER

July 2024



**From the
Desk of the
Editor**



Summer is officially here. Hope you all had a safe and enjoyable 4th of July. Us Canadians double dip. We celebrate Canada Day on July 1st and then celebrate Independence Day with our American friends 3 days later. Which explains why this issue of the Long Path is a little later coming out than usual. Just too much partying!

Check out **“Super Fox Mode”** elsewhere in this issue.

This is perfect time to work on your antennas. I’ve got a Big StepIR that’s not responding, so I’ve got to trouble shoot it. It’s been almost a year and it hasn’t fixed itself, so I figure it might need some human intervention.

BIG NEWS. Our monthly in-person **MEETING** has been switched to the **3rd Wednesday of the month.** So next meeting is **September 18th.**

73 and Good DX de Chet VE3CFK

NEXT Meeting:

In-Person

**September 18th,
2024 at 7 PM**

Fork n’ Pint in Waterford

Program

**Rick Dorsch,
NE8Z**

**Topic
TBA**

SEMDXA OFFICERS

President: Fred Goeckel, **KD8ZYD**

Vice-president: Pete Gladysz, **K8PGJ**

Treasurer: Brad Nowak, **N8SNM**

Secretary: Chet Latawicz, **VE3CFK**

Program Director: Ted Pauck, **K8NA**
and Steve Culp, **K8QKY**

Director: Doug **N8VY**

Club Appointees:

Web Site Editor: Doug Basberg, **N8VY**

LP Publisher: Chet Latawicz, **VE3CFK**

ARRL and CQ Appointees:

DXCC Checker: Stan Arnett, **AC8W**

DXCC Checker: Bill Jones, **N8KF**

VUCC Checker: Al Bailey, **K8SIX**

VUCC Checker: Jim Sanford, **K8ZZU**

CQ Checker: Mike Rudzki, **N8MR**

CQ Checker: Al Bailey, **K8SIX**

Meeting Minutes

June 2024

The June SEMDXA meeting was chaired by our president Fred, KD8ZYD. The meeting started at 6:55 PM. There were 12 in attendance and one zoomed.

Acceptance of May meeting minutes as published in the June issue of The Long Path was motioned by Pete K8PGY and 2nd by Doug, N8VY and accepted by all present.

Treasurers report was presented by Brad, N8SNM. Fred, W1SKU motioned to accept and 2nd by Fred, KD8ZYD. Accepted by all.

OLD Business

Shirts are available with your name, call sign and Club logo. Many types of shirts and colors are available. Contact Fred, KD8ZYD our president for details.

New Business

Club elections were held at the June meeting. There was no change in officers, as the old officers were all too happy to continue in their existing positions for the 2024/2025 membership year.

Ted, K8NA indicated that he would appreciate assistance in seeking out our monthly guest speakers. It was agreed that all members could help out Ted in finding guest speakers. (in order to help Ted, your editor—Chet, VE3CFK will publish forthcoming presenters in The Long Path to help you in securing speakers).

The membership at the June meeting voted to move our monthly meetings to the **THIRD WEDNESDAY** of the month. This was done to accommodate those members who have a conflict with the 2nd Wednesday of the month. So next meeting will be Wednesday, September 18th at 7:00PM at The Fork n' Pint in Waterford.

Guest Speaker

Out guest speaker for the evening was Ted, K8NA

Ted presented a video by KK5JY on the topic of LoG (The Loop on Ground Antenna) designed for low noise reception. Check out KK5JY.Net for details.

Motion to close the meeting was by Chet, VE3CFK and 2nd by Pete, K8PGJ. The meeting ended at 8:08PM.

ZOOM MEETINGS

In person meetings have resumed. We are getting better at presenting ZOOM meetings. Really hope you can join us in person, but if you can't, please join our ZOOM meeting.

For those not familiar with ZOOM, please refer to the 2020 October or November issues of The Long Path which are accessible online on the SEMDXA Website for details on how to setup your computer for a ZOOM meeting.

Use the one step process and just click on the link below to join upcoming meetings.

<https://umich.zoom.us/j/91352970493?pwd=N0t3N1RpUFZjV GQzZHZwTnU0bHpuUT09>

4W - Timor Leste

Alan VK2MET / VK1AO will again be active from Dili, Timor Leste as 4W/VK1AO between August 19 to September 4, 2024. QRV mainly on 40-12m, CW & FT8.

QRP operation using dipoles. PO-TA activations also expected. The most likely operating hours will be UTC 07:00am to 09:00am and UTC 23:00pm to 01:00am.



ZC4 - Cyprus SBA



Adrian G0KOM is returning to Melanda Beach (Avdimou), Cyprus SBA during July 10-17, 2024. 6m activity is planned on this trip. A further visit is also planned for CQWW SSB contest at the end of October.

CY9C - St. Paul Is.

The CY9C team is grateful to FlexRadio, Inc. for the loan of six complete FlexRadio station set-ups which include a FLEX-6600 transceiver, Maestro™ control head, and a Power Genius (PGXL) amplifier.

A seventh FLEX-6700 station will be used for VHF/UHF/EME and satellite. Each station will have its own Honda EU2200i generator. There will be three operating teams whose schedule will slowly rotate through the gray line, so everyone experiences all the propagation. Half of the radios will be used for CW, SSB & DIGITAL modes. At any given time, a minimum of three stations will be using the new SuperFox FT8 mode.

Band	CW	SSB	FT8	RTTY
160	1.820		1.836	
80	3.523	3.785	3.567	
60	5.352		5.357*	
40	7.023	7.170	7.056	7.045
30	10.108		10.131	10.142
20	14.023	14.210	14.094	14.085
17	18.079	18.130	18.095	18.105
15	21.023	21.285	21.091	21.080
12	24.894	24.955	24.911	24.925
10	28.023	28.485	28.095	28.080

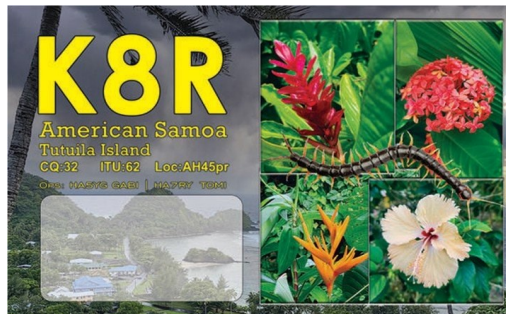
Hamfests

- 8/03/24 - U.P. Hamfest. Rapid River, MI
- 9/07/24 - Branch County ARC Fall Trunk Swap. Cold water, MI
- 9/07/24 - Grand Rapids Area Hamfest. Wyoming, MI
- 9/14/24 - GMARC Trunk Swap at the PPG. Shelby Twp, MI
- 9/14/24 - OAARS Ham Swap. West Branch, MI
- 9/15/24 - Adrian Hamfest. Adrian, MI

LOTW

Apparently LOTW is back on-line. ARRL did announce that it was restored and request users to be slow in updating their logs as there is expected to be a huge demand for the first 2 weeks of restoredness.

K8R - American Samoa



From July 7 – 22, look for K8R to again be active from American Samoa, primarily testing out all systems on all bands; CW, SSB and FT8 ahead of the Jarvis Island DXpedition. Also participation in the IARU contest. Actual signal reports will be appreciated, says George AA7JV.

Super Fox Mode



1. What is SuperFox mode in WSJT-X?

SuperFox mode allows an expedition to make digital QSOs at rates higher than possible with previous versions of WSJT-X. In previous versions the Fox would transmit up to 5 streams, with each stream being 50 Hz wide.

The SuperFox transmits a full power constant-envelope waveform 1512 Hz wide. The SuperFox may send reports or RR73s to as many as nine SuperHounds simultaneously. Importantly there is no reduction in received signal strength to do so. A SuperHound will experience the same received signal strength regardless of the number of Hounds being contacted by the SuperFox.

In addition, the SuperFox transmits a digital signature of authenticity. This signature allows the SuperHound to verify the legitimacy of the expedition, thereby reducing or eliminating piracy. This is covered in more detail soon.

2. Do I need special software?

Yes, both the SuperFox and SuperHound need to run WSJT-X version 2.7.0-RC5 or newer. (expect the release around July 1).

For more details, check out [Jarvis 2024 DXpedition - N5J website](#).

FT4YM - Antarctica



David, F4FKT will again be active as FT4YM from two Antarctic bases during October 2024 – March 2025. Dates of activity from each base to be confirmed nearer the time.

FT4YM: Base Dumont d'Urville, Petrels island.

FT4YM/P: Base Concordia.

QRV on HF bands when time allows outside of his

VK2—Lord Howe Is

Bags are packed and ready. I decided to bring enough fiberglass mast material to try to get on the low bands so there will be a chance of working 80m and 160m. No bag over 45 lbs. Enough gear for decent station, K3, KPA, KAT, KX3 two Spider-beam telescope masts, and coax and radials for the station — and everything else that goes in between.

All operations will be split except for FT-8 which will be traditional F/H mode. Super-Fox-Hound will not be used. SA, AF and OC have priority regardless of who I am CQing, otherwise if I call JA, NA or EU try to listen for your turn. Again, always work split, and up. Update your Logging Software (it has been several weeks since the COUNTRY file has been updated so that the QSO will log correctly in your Software as Lord Howe Island).

PERIODIC TABLE OF MAJOR AMATEUR RADIO CONTESTS

by Chet VE3CFK

Start Day (UTC) → 11 12 ← End Day (UTC)
 Start Time (UTC) → 2200z 1800z ← End Time (UTC)

Contest Name

2024

Multimode	CW	Digital
Off-the-air	SSB	VHF/UHF

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1 0900Z 2359Z HAPPY NEW YEAR	4 2300Z 0300Z NA Sprint CW	5 0000Z 2400Z ARRL DX SSB	6 1500Z 1900Z SP Polish DX	7 VARIES VARIES 7QP/IN/DE New England QSO Parties	8 1800Z 2359Z ARRL Int'n'l Digital	1 0000Z 2359Z RAC CANADA DAY	3 1800Z 0600Z NAQP CW	4 0000Z 2359Z CW Ops CW Open	5 0600Z 0600Z Oceania PHONE	6 2100z 0300Z ARRL SS CW	8 2200z 1800Z ARRL 160 CW
6 0800Z 2359Z ARRL RTTY Roundup	7 0000Z 2359Z CQWW WPX RTTY	10 0000Z 0359Z NA Sprint RTTY	11 0700Z 1300Z JIDX CW	12 1200Z 1159Z CQ-M DX	10 1800Z 0300Z ARRL June VHF	6 1400Z 1400Z MARCONI MEMORIAL HF	7 0000Z 2359Z WAE CW	10 0000Z 2359Z WAE SSB	11 0000Z 2359Z Oceania CW	13 0000Z 2359Z WAE RTTY	14 0000z 2359Z ARRL 10 Meter
13 0800Z 0559Z NAQP CW	14 0000Z 2400Z ARRL DX CW	17 1200Z 1200Z Russian DX	18 2000Z 0400Z Michigan QSO Party	20 1600Z 2100Z Contest University	21 1200Z 2400Z All Asian CW	13 1200Z 1200Z IARU HF	14 1800Z 0600Z NAQP SSB	17 VARIES VARIES WA/NJ/NH QSO Parties	18 1500Z 1459Z Worked All Germany	19 2100z 0300Z ARRL SS SSB	24 0000Z 2359Z Happy Holidays
20 1800Z 0559Z NAQP SSB	21 2200Z 2200Z CQ 160 SSB	23 0000Z 2359Z NA SSB SPRINT	24 1200Z 1200Z SP DX RTTY	27 1300Z 1700Z Hamvention	28 1800Z 2100Z ARRL Field Day	20 1800Z 2100Z CQ WW VHF	21 1200Z 1200Z WW Digi	24 0000Z 2400Z CQWW RTTY	25 0000Z 2400Z CQ WW SSB	28 0000Z 2359Z CQ WW CW	28 0000z 2359Z RAC Winter
26 2200Z 2200Z CQ 160 CW	28 0000Z 2359Z CQWW WPX SSB	30 0000Z 2359Z CQ WW CW	31 0000Z 2359Z CQ WPX CW	25 0000Z 2359Z RSGB IOTA	27 1200Z 1200Z RSGB IOTA	28 1200Z 1200Z RSGB IOTA					

Rev 1

JW- Svalbard



Rikk, WE9G announces he will be active from Longyearbyen, Svalbard (EU-026) as JW/WE9G between July 8-20, 2024. Generally, during previous expeditions, he is QRV mainly on FT8.

XT2 - Burkina Faso

Antonio, I8KHC (ex-IZ8CCW) and Mediterraneo Dx Club are happy to announce to the DX Community that, from October 31 to November 11, they have planned a new DXpedition to Ouagadougou, Burkina Faso. Callsign: XT2MD.

Thank you to Bernie, W3UR, The Daily DX, The Weekly DX, ARRL and DX World, NG3K, CLUBLOG, Dales Tales and DX News.com for their contributions

CLUBLOG

Most wanted - Top 25

1. **P5** DPRK (NORTH KOREA)
2. **BS7H** SCARBOROUGH REEF
3. **CE0X** SAN FELIX ISLANDS
4. **BV9P** PRATAS ISLAND
5. **KH7K** KURE ISLAND
6. **KH3** JOHNSTON ISLAND
7. **FT/G** GLORIOSO ISLAND
8. **3Y/P** PETER 1 ISLAND
9. **FT5/X** KERGUELEN ISLAND
10. **YV0** AVES ISLAND
11. **3Y/B** BOUVET ISLAND
12. **ZS8** PRINCE EDWARD & MARION ISLANDS
13. **KH4** MIDWAY ISLAND
14. **VK0M** MACQUARIE ISLAND
15. **PY0S** SAINT PETER AND PAUL ROCKS
16. **KP5** DESECHEO ISLAND
17. **VP0S** SOUTH SANDWICH ISLANDS
18. **KH5** PALMYRA & JARVIS ISLANDS
19. **ZL9** NEW ZEALAND SUBANTARCTIC ISLANDS
20. **FK/C** CHESTERFIELD ISLANDS
21. **VK0H** HEARD ISLAND
22. **FT/T** TROMELIN ISLAND
23. **EZ** TURKMENISTAN
24. **YK** SYRIA
25. **ZL8** KERMADEC ISLAND

HD8G - Galapagos

+20 ham radio operators will activate Galapagos from April 18th



to 27th, 2025. The team is currently formed by HC5VF, PY2DV, PY2EL, PY2MC, PY2PT, PY2WAS, PY3MM, PY4RGS, PY5CC, PY5HSD, PY5KD, PY6HD, PY6RT, PR7AB, PY7XC, PS8RV, PV8DX, VU2RS and YT1AD.

DX Mentor

In the latest Episode of DX Mentor Podcast, Episode 46, Bill Salyers introduces Ned Stearns, AA7A and Joe, W8GEX to discuss the new Super Fox mode. Here's the [link](#).

6M Frustration

Frank, W3LPL states:

If you've been active on 6 meters this season, you've noticed shorter duration and infrequent 6 meter sporadic-E openings extending beyond 2000 km.

Last year was almost as bad, as were 2012 and 2013.

Sporadic-E is caused by vertical wind-shears in the lower thermosphere. Unlike lower altitudes in the atmosphere, the thermosphere is greatly affected by the solar cycle apparently causing anomalies in its wind field and a corresponding reduction in the frequency, intensity and geographic extent of vertical wind shears associated with sporadic-E formation.

Sporadic-E probably won't get much better for a few years. Its the price we pay for a more active solar maximum

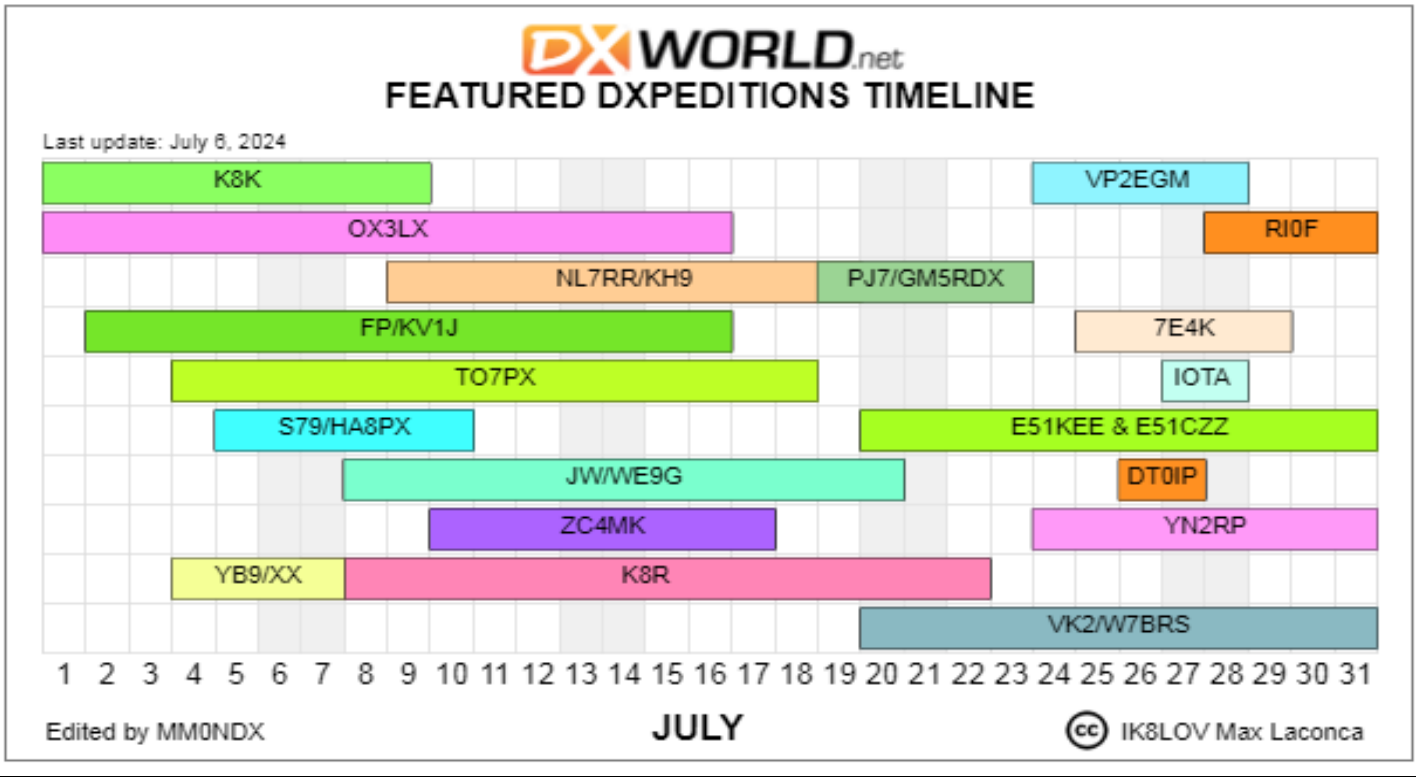
73
Frank
W3LPL

Future SEMDXA Meeting Guest Speakers/Presentations

- September - Rick, NE8Z - TBA
- October - Fred, KD8ZYD - TBA
- November to June 2025 - Open

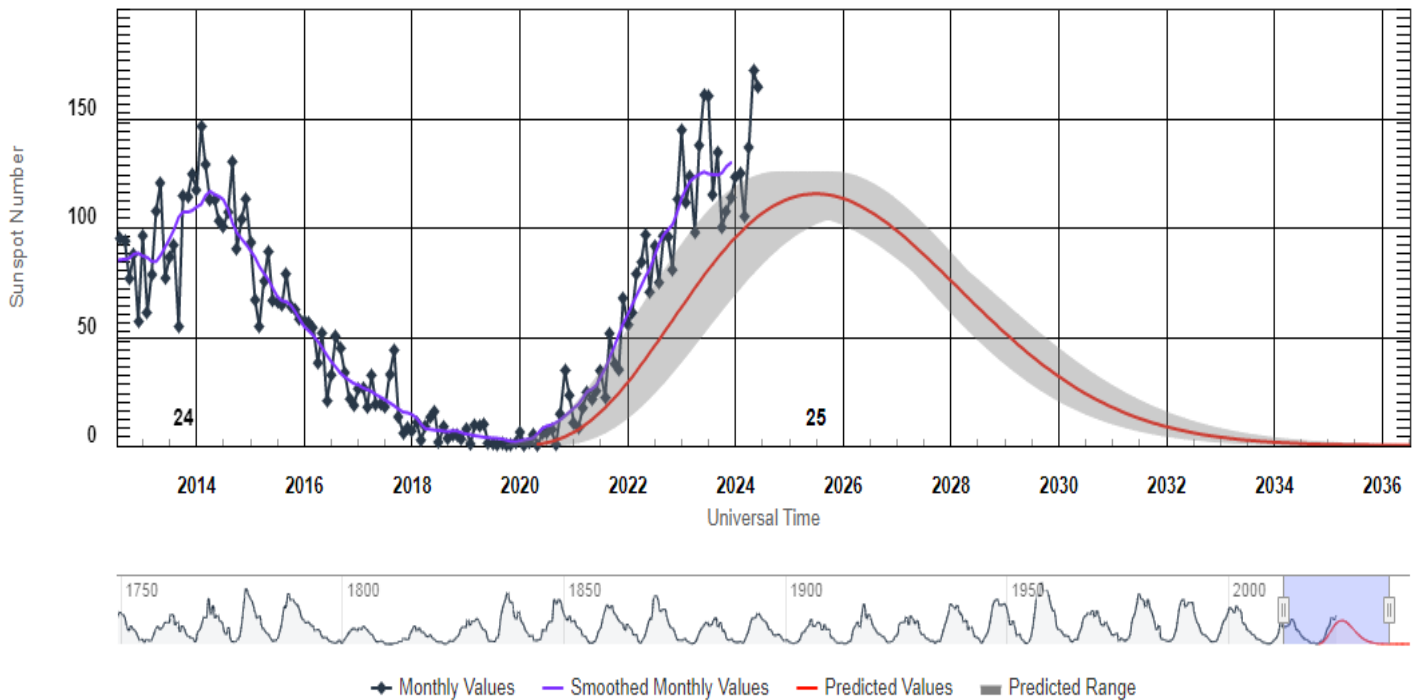
Upcoming DX

Credit to DX World



SOLAR CYCLE 25

NOAA/SWPC



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	DXCC Entity	Call	QSL via	Reported by
2024					
June					
2024 Jun20	2024 Jul20	Minami Tor- ishima	JD [spots]	LoTW	TDDX 20240523
2024 Jun24	2024 Jul09	Bermuda	VP9 [spots]	See Info	TDDX 20240702
2024 Jun26	2024 Jul09	American Sa- moa	K8K [spots]	LoTW	TDDX 20240515
2024 Jun28	2024 Jul16	Greenland	OX3LX [spots]	OZ0J	DXW.Net 20240424
July					
2024 Jul01	2024 Jul10	St Martin	FS [spots]	KK7KSC	DXW.Net 20240702
2024 Jul01	2024 Jul12	Maldives	8Q7EC [spots]	OE3DEC Buro	TDDX 20240405
2024 Jul02	2024 Jul15	St Pierre & Mi- quelon	FP [spots]	LoTW	TDDX 20231024
2024 Jul04	2024 Jul18	Reunion	TO7PX [spots]	IK2DUW	TDDX 20240309
2024 Jul05	2024 Jul10	Seychelles	S79 [spots]	Club Log OQRS	TDDX 20240619
2024 Jul08	2024 Jul12	St Kitts & Ne- vis	V4	LoTW	425DXN 20240705
2024 Jul08	2024 Jul20	Svalbard	JW	LoTW	TDDX 20240624
2024 Jul10	2024 Jul17	Cyprus SBA	ZC4MK	G0KOM	DXW.Net 20240606
2024 Jul10	2024 Jul25	American Sa- moa	K8R	LoTW	DXW.Net 20240609

Upcoming DX

Credit to: NG3K Amateur Radio
Contest/DX Page

2024 Jul11	2024 Jul24	Wake I	KH9	LoTW	TDDX 20240408
2024 Jul13	2024 Jul22	Honduras	HR9	LoTW	TDDX 20240627
2024 Jul15	2024 Jul19	American Samoa	KH8	LoTW	TDDX 20240624
2024 Jul20	2024 Aug01	Lord Howe I	VK2	Club Log OQRS	W7BRS 20240519
2024 Jul23	2024 Aug01	Malta	9H	LoTW	TDDX 20240704
2024 Jul24	2024 Aug20	Nicaragua	YN2RP	LoTW	TDDX 20240619
RSGB IOTA Contest (Jul 27-28, 2024) Check here for pericontest activity too.					
2024 Jul27	2024 Jul31	South Cook Is	E51	IK2DUW	OPDX 20240622
August					
2024 Aug01	2024 Aug04	Scotland	MM0UKI	M0OXO	DXW.Net 20240513
2024 Aug01	2024 Aug06	South Cook Is	E51	IK2DUW	OPDX 20240622
2024 Aug03	2024 Aug09	Botswana	A25UX	LoTW	TDDX 20240429
2024 Aug05	2024 Aug17	Palmyra Jarvis Is	N5J	TBA	DXW.Net 20240304
2024 Aug10	2024 Aug17	St Lucia	J6	LoTW	DXW.Net 20240226
2024 Aug10	2024 Aug22	St Pierre & Miquelon	TO8FP	Club Log OQRS	DXW.Net 20230910
2024 Aug15	2024 Sep15	French Polynesia	FO	LoTW	DXW.Net 20240612
2024 Aug17	2024 Aug30	Timor Leste	4W	LoTW	DXW.Net 20240131
2024 Aug23	2024 Sep30	Tristan da Cunha	ZD9GJ	LoTW	DXW.Net 20231123

Upcoming DX

Credit to: NG3K Amateur Radio
Contest/DX Page

2024 Aug26	2024 Sep05	St Paul I	CY9C	LoTW	WA4DAN 20240315
September					
2024 Sep02	2024 Sep16	American Samoa	KH8T	M0URX	TDDX 20240530
2024 Sep03	2024 Sep13	Zimbabwe	Z22AO	HA5AO OQRS	DXW.Net 20240304
2024 Sep05	2024 Sep09	Monaco	3A	EB7DX	DXW.Net 20240418
2024 Sep05	2024 Sep15	Pitcairn	VP6WR	LoTW	DXW.Net 20240123
2024 Sep12	2024 Sep19	Palau	T8	JO3LVG Buro	OPDX 20240612
2024 Sep12	2024 Sep21	St Vincent & Grenadines	J88PI	GW4DV B Direct	DXW.Net 20240501
2024 Sep13	2024 Sep22	Greenland	OX0J	LoTW	OZ0J 20240331
2024 Sep14	2024 Sep23	Zambia	9J2AO	HA5AO OQRS	DXW.Net 20240304
2024 Sep17	2024 Sep21	French Polynesia	FO	TBA	DXW.Net 20240123
2024 Sep18	2024 Oct01	St Kitts & Nevis	V47JA	LoTW	W5JON 20240626
2024 Sep18	2024 Oct06	Tanzania	5H1WX	I8KHC	DXW.Net 20240621
2024 Sep24	2024 Oct04	Botswana	A25AO	HA5AO OQRS	DXW.Net 20240304
October					
2024 Oct03	2024 Oct10	Samoa	5W0TE	TBA	DXW.Net 20240521
2024 Oct05	2024 Oct14	Namibia	V5	HA5AO OQRS	DXW.Net 20240304
2024 Oct09	2024 Oct14	Svalbard	JW5X	LA5X	DXW.Net 20240114
2024 Oct16	2024 Oct30	Vanuatu	YJ0VV	LoTW	DXW.Net 20240109

Upcoming DX

Credit to: NG3K Amateur Radio
Contest/DX Page

2024 Oct23	2024 Nov06	Jamaica	6Y	eQSL	TDDX 20240429
2024 Oct24	2024 Nov02	Malawi	7Q1	EA7FTR	DXW.Net 20240630
CQ Worldwide DX Contest, SSB (Oct 26-27, 2024) Check here for pericontest					
2024 Oct31	2024 Nov11	Burkina Faso	XT2MD	TBA	I8KHC 20240521
November					
2024 Nov01	2024 Nov15	Cocos Keeling	VK9CV	OK6DJ	DXW.Net 20240630
2024 Nov15	2024 Dec04	Rotuma	3D2Z	M0OXO	DXW.Net 20240501
2024 Nov30	2024 Dec13	St Martin	TO9W	LoTW	TDDX 20240506
CQ Worldwide DX Contest, CW (Nov 23-24, 2024) Check here for pericontest					
December					
2024 Dec20	2024 Dec31	French Guiana	TO0J	LoTW	OZ0J 20240331
2025					
April					
2025 Apr18	2025 Apr27	Galalagos	HD8G	LoTW	DXW.Net 20240609
June					
2025 Jun01	2025 Jun10	Faroe Is	OY	LoTW	DXW.Net 20240619