

Volume 33 Issue 6 SEMDXA NEWSLETTER June 2023



PREZ Sez

Hi all,

I want to thank everyone for coming to the meetings and keeping the club going. Have a great summer. See you in the fall! And stay radio active!

The Prez - 73's

From the Editor's **DESK**



This issue of The Long Path is an experiment, as it is being written and published from Naples Florida. I am remotely accessing my home computer to do the writing, editing and publishing. So you can expect a less than quality product until I get home. My XYL and I are helping out our friends who both ended up in the hospital at the same time for different reasons. Although I have my remote station set up, I have not made a single QSO. And 6M season is becoming active!

At the May meeting, Chet VE3CFK (that's me - your editor) made two motions WRT the DXCC rules. The first was to decrease the 350 kM limit for entities to 175 kM so as to increase the DXCC entity count from the existing 340 to? This would give those of us near the top something more to chase. The other motion, I did not get across as well as I had hoped. So I'll try to better expound on the motion I was trying to make - "I proposed that future DXpeditions do NOT have to be physically on land to be a Cont'd on page 6 valid operation.

NEXT Meeting:

In-Person

June 14th, 2023 at 7 PM

Fork n' Pint in Waterford

Program

Glenn Johnson **W0GJ** "CYOS **DXpedition**"

SEMDXA OFFICERS

President: Fred Goeckel, KD8ZYD Vice-president: Pete Gladvsz. K8PGJ Treasurer: Brad Nowak, N8SNM

Secretary: Vacant

Program Director: Ted Pauck, K8NA

and Steve Culp, K8QKY

Directors: Doug N8VY and Bob K8RGM

Club Appointees:

Web Site Editor: Doug Basberg, N8VY LP Publisher: Chet Latawiec, VE3CFK

ARRL and CO 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

SEMDXA Web Site: www.semdxa.org

SEMDXA Meeting Minutes of May 10th, 2023

Meeting minutes from the May meeting will be published in the July issue of The Long Path. Your editor is presently in Naples Florida writing this issue of The Long Path, but he forgot to bring his hand written notes from the May meeting with him to Florida. My apologies for my forgetfulness. I'll try to do better next time.

JD1/M - Minami Torishima

JE7IZM, Teru, is expected to be QRV next week as JE7IZM/JD1 from June 8th to 9th on 17 and 15 meters.

6M Grids

N7PHY, Ed, is planning a six meter grid expedition to the following Montana grids:

DN38 June $4 \sim \text{June } 7$

DN47 June 9 ~ June 11

DN57 June 13 ~ June 14

DN66 June 16 ~ June 18

DN?? June 19 ~ June 21 (Buffer time and travel time. Will stop at a grid to operate if [he has] the energy)

YJ - Vanuatu

VK2YUS, Chris, will be back in Port Vila, Vanuatu and QRV as YJ0CA from June 17-28 on SSB only on 40 through 10 meters.

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.

 $\frac{https://umich.zoom.us/j/91352970493?pwd=N0t3N1RpUFZj}{VGQzZHZwTnU0bHpuUT09}$

CE0Y - Easter Island

Chilean ops CA3YMR, Manuel; CE3KEY, Leonardo; and XQ3PCN, Cristian are heading to Easter Island. They can operate as home call /0. They will be on 20 and 10M using SSB and FT8.

W9DXCC

Registration is now open for the 2023 W9DXCC convention. This is the event's 70th year! The dates are September 15-16 and the location is the Marriott Hotel in Naperville, Illinois, west of Chicago. They say it will be a "robust agenda," including Contest University and DX-U on Friday. Saturday will be a daylong slate of speakers, exhibits, QSL card checking, CW pileup contest and evening reception and banquet. WA9GQK again chairs the event.

W9DXCC Website

SK's

The ham community has lost some dear friends recently. Locally we have lost

Les S Butler, W8MSP ex KB8WKE from Gregory, Michigan, USA passed away 8 March 2023. He was active Radio Amateur, active DXer and Contester. Les was the ARRL Michigan Section Manager and also ARRL DXCC card checker.

From afar we lost Charles "Chip" H. Margelli - K7JA (December 14, 1951 - May 26, 2023)

Chip was diagnosed with cancer in March and became a SK May 26, 2023. Here is a tribute link to Chips life:

https://na01.safelinks.protection.outlook.com/?url=ht tp%3A%2F%2Fhamgallery.com%2FTribute%2FK7 JA%2F&data=05%7C01%7C%7Ce29bfac3d94c4c8 4fe6308db611aa9eb%7C84df9e7fe9f640afb435aaaa aaaaaaaa%7C1%7C0%7C638210539376205406%7 CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLj AwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=S ggoTRDLa9Wrt7OiyyCJinN9SjdQYeyzeJEOEoV78

5U - Niger

Giorgio 5UA99WS solved a problem with his PC and now is also active on FT8. Signals are good on 15/17/20 to and from EU.

He has some electrical blackouts on and off in Niamey. It could be possible that sometimes he will work with IK5SRF as NET CONTROL to minimize power consumption. Note, he can't reply to emails request for log info or skeds. Please send all inquiries to IK5SRF (email correct on QRZ.com).

NOT CANCELLED YET

Some things to look forward to:

- SEMDXA June in-person meeting at Fork n' Pint in Waterford on Wednesday, June 14th at 7:00 PM
- 2024 Hamvention
- The July issue of The Long Path
- W9DXCC
- Thanksgiving, Christmas

Hamfests

6/10/23 - Luce County, Newberry, MI

6/17/23 - Midland Hamfest, Midland, MI

6/18/23 - Monroe Hamfest, Monroe, MI

7/8/23 - Mansfield Mid Summer Trunkfest, Mansfield, OH

7/15/23 - GM ARC Trunk Swap, Shelby Twp, MI

7/15/23 - NOARS Fest, Elyria, OH

7/16/23 - Van Wert, Van Wert, OH

7/22/23 - Ashtabula County Hamfest, Pierpont, OH

CQ DX Hall of Fame

The 2023 inductees to the CQ DX Hall of Fame are: Arecio "Al" Hernandez, K3VN and Adrian Ciuperca, K08SCA – Adrian has been on 30 DXpeditions in just over seven years, including the recent 3Y0J expedition to Bouvet Island. He actively promotes amateur radio to young people in places that he visits (assuming it's a location with people!) and is frequently the voice or face of various trips to the amateur community, appearing on interview shows and writing about the adventures for CQ and other publications. Adrian is also the tech support person for 4U1UN, the amateur station at United Nations headquarters in New York City.

Solar NEWS

The following is a story from SPACEWEATH-ER.COM as published Friday June 2, 2023:

THE THERMOSPHERE IS HEATING UP:

If you're a satellite, this story is important. A series of geomagnetic storms in 2023 has pumped terawatts of energy into Earth's upper atmosphere, helping to push its temperature and height to a 20-year high. Air surrounding our planet is now touching satellites in Earth orbit and dragging them down.

"Blame the sun," says Martin Mlynczak of NASA Langley. "Increasing solar activity is heating the top of the atmosphere. The extra heat has no effect on weather or climate at Earth's surface, but it's a big deal for satellites in low Earth orbit."

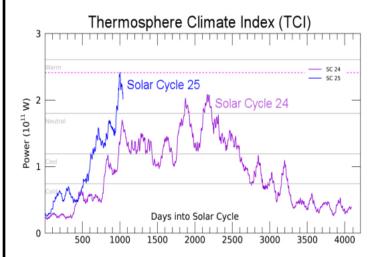
Mlynczak is an expert on the temperature up there. For 20 years he has been using the SABER instrument on NASA's TIMED satellite to monitor infrared emissions from "the thermosphere," the uppermost layer of the atmosphere.

"Right now we're seeing some of the highest readings in the mission's 21.5 year history," he says.

The thermosphere is exquisitely sensitive to solar activity, readily absorbing energy from solar flares and geomagnetic storms. These storms have been coming hard and fast with the recent rise of Solar Cycle 25.

"There have been five significant geomagnetic storms in calendar year 2023 that resulted in marked increases in the amount of infrared radiation (heat) in Earth's thermosphere," says Mlynczak. "They peaked on Jan. 15th (0.59 TW), Feb. 16th (0.62 TW), Feb. 27th (0.78 TW), Mar. 24th (1.04 TW), and April 24th (1.02 TW)."

The parenthetical values are TeraWatts (1,000,000,000,000 Watts) of infrared power observed by SABER during each storm. The sensor obtains these numbers by measuring infrared radiation emitted from nitric oxide and carbon dioxide molecules in the thermosphere.



Above: NASA's daily Thermosphere Climate Index tracks thermal energy in Earth's upper atmosphere. So far, Solar Cycle 25 is far ahead of Solar Cycle 24. Credit: Linda Hunt

"The two storms exceeding 1 TW are the seventh and eighth strongest storms observed by SABER over the past 21.5 years," he says. "It is interesting to note that each successive storm in 2023 is generally stronger than its predecessors."

Actually, it doesn't take a strong storm to cause problems. In Feb. 2022, a minor geomagnetic storm dumped enough heat into the thermosphere that 38 newly launched Starlink satellites fell out of the sky. SpaceX has since started launching their Starlinks to higher initial altitudes to avoid the drag.

If current trends continue, the thermosphere will warm even more in 2023 and 2024. This is a matter of concern because Earth's population of active satellites has tripled since SpaceX started launching Starlinks in 2019. The growing constellation of 4100 Starlinks now provides internet service to more than a million customers. An extreme geomagnetic storm like the Halloween Storms of 2003 could shift the positions of these satellites by many 10s of kilometers, increasing the risk of collisions and causing some of the lowest ones to de-orbit.

Stay tuned as the warming continues.

TX5S - Clipperton



Fund raising is underway for this DXpedition schedules for early 2024. Clipperton Island is not in the top 25 of SEMDXAs most wanted list. Here is a link to their website. Clipperton Website Link

HK0 - San Andres

Operators PY8WW, PY7RP and PY7XC are QRV as HK0/home calls from San Andres, IOTA NA-033, until May 11. Activity is on 80 to 6 meters using CW, SSB, and FT8, with a focus on the higher bands and 6 meters. QSL to home calls.

Hamvention

Hamvention has come and gone. Your editor was in attendance, but I did not bump into any SEMDXA members while I was there. Several members were in attendance (based on texts and emails I received), but no live sightings were made. It has been reported that this years attendance was 33,861 up more than 2000 from last year and this year was the largest attendance since moving to the new venue.

I out did my self his year. I spent \$10 more than last year. Total spending this year was \$12.

DQRM RFP Project

The Northern California DX Foundation recognizes the negative aspect deliberate QRMers are having on our hobby. We believe this is a problem that can be mitigated by applying amateur operators' vast knowledge and receiving tools to good use. In order to spur research into solving the problem the NCDXF Board of Director's at their latest Board meeting allocated \$100,000 to help develop solutions.

NCDXF will entertain grant proposals from individuals and/or groups that specifically outline their approach to identify bad actors. A group of directors led by Craig Thompson (K9CT) and Don Greenbaum (N1DG) will weigh the probability of success of these proposals as well as monitor the progress of the grantees.

Funding is available for R & D as well as implementation of the technology. It is hoped that manufacturers will also assist us with equipment and resources.

NCDXF will shortly outline specifics for how to apply for these grants.

They have created a WEB page for this project: NCDXF DQRM RFP Project

Thank you to Bernie, W3UR, The Daily DX, The Weekly DX, ARRL and DX World, NG3K, CLUBLOG, Dales Tales and CQ magazine for their contributions to this newsletter.

CLUBLOG

Most wanted - Top 25

- 1. P5 DPRK (NORTH KOREA)
- 2. 3Y/B BOUVET ISLAND
- 3. FT5/W CROZET ISLAND
- 4. BS7H SCARBOROUGH REEF
- 5. CE0X SAN FELIX ISLANDS
- 6. BV9P PRATAS ISLAND
- 7. KH7K KURE ISLAND
- 8. KH3 JOHNSTON ISLAND
- 9. 3Y/P PETER 1 ISLAND
- 10. FT/G GLORIOSO ISLAND
- 11. FT5/X KERGUELEN ISLAND
- 12. YV0 AVES ISLAND
- 13. VK0M MACQUARIE ISLAND
- 14. ZS8 PRINCE EDWARD & MARION IS.
- 15. KH4 MIDWAY ISLAND
- 16. PYOS SAINT PETER AND PAUL ROCKS
- 17. PY0T TRINDADE & MARTIM VAZ IS.
- 18. KP5 DESECHEO ISLAND
- 19. VP8S SOUTH SANDWICH ISLANDS
- 20. KH5 PALMYRA & JARVIS ISLANDS
- 21. ZL9 NEW ZEALAND SUBANTARCTIC IS.
- 22. FK/C CHESTERFIELD ISLANDS
- 23. EZ TURKMENISTAN
- 24. VK0H HEARD ISLAND
- 25. YK SYRIA

V7 - Marshall Is.

Bob, N7XR is QRV as V7/N7XR from Kwajalein, IOTA OC-028 until the end of June. Is spare time-He'll be operating in his spare time on 160 to 10 meters using CW, SSB, and FT8.

From the Editors Desk

Cont'd from page 1

Operation from dock, or within site of the island, but within the same grid square as the island is acceptable as long as confirmation with a confirmable GPS is made. With todays technology it should be a simple matter of having a GPS transmitter validate its position to the world. Much as marine ships are tracked via satellite. This would have simplified the recent Bouvet Island DXpedition. Written permission from the island governing body would still be required, as it is now."

I hope this makes more sense to the membership than my feeble proposal at the last meeting.

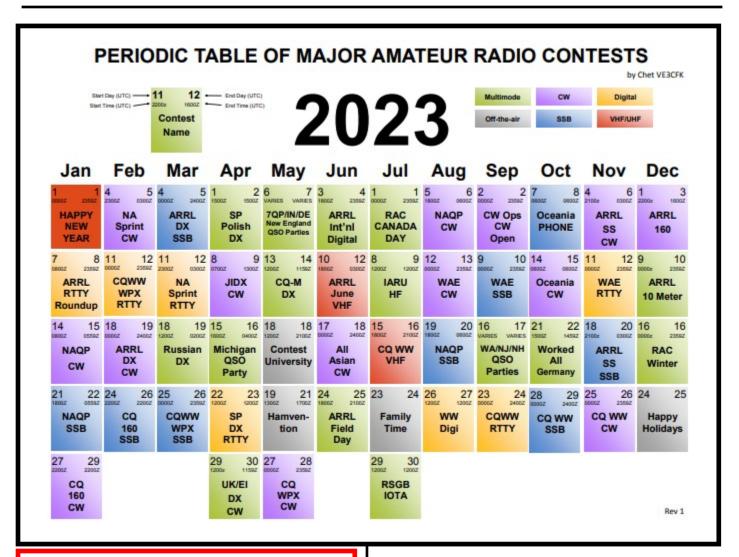
Don't forget. Elections are on Wednesday the 14th. See you at the meeting.

T31 - Cent. Kiribati

The Rebel DX Group is currently on their way to Kanton, Central Kiribati. The trip from 3D2 to Samoa is about 700 nautical miles. They will make a stop in Samoa to refuel and meet about another rare DXCC nearby. Once they depart Samoa it is another 700 nautical miles and will take about 7 to 8 days to reach Kanton. The team plan to operate for 12-14 days as T31TT from Central Kiribati. After their operation from Kanton they plan to fly to Europe and spend two weeks work on their "200,000 QSL cards". They are also looking at going to Tuvalu and one more before their "main event by end of the year". (editor's note: I wonder if this main event is their Bouvet Is. DXpedition?")

9Q - D.R. of Congo

Due to safety concerns OK2WX, Vlad, has "changed location from north part from capital city Kinshasa" and will not use the 9Q3WX call but rather 9Q2WX. He has also modified his operating dates to August 20 to September 9.



4U1UN Changes

Effective 13 June 2023, Mr. Metin Serbetci (K2ECE), a Senior Security Officer in UNDSS, will be taking my place as the next NARC/4U1UN President. It is with a heavy heart that I must announce the relinquishment of my post and title. I've been at the helm of the United Nations Amateur Radio Club for close to 15 years, and while I've savored my experiences captaining the oldest and most prestigious UN staff recreational entity, I've recognized that the club I represent deserves so much more than I can give it. Along with ever- increasing responsibilities pertaining to my official duties, my oldest daughter is leaving for Penn State this summer, and my youngest will be completing middle school. As

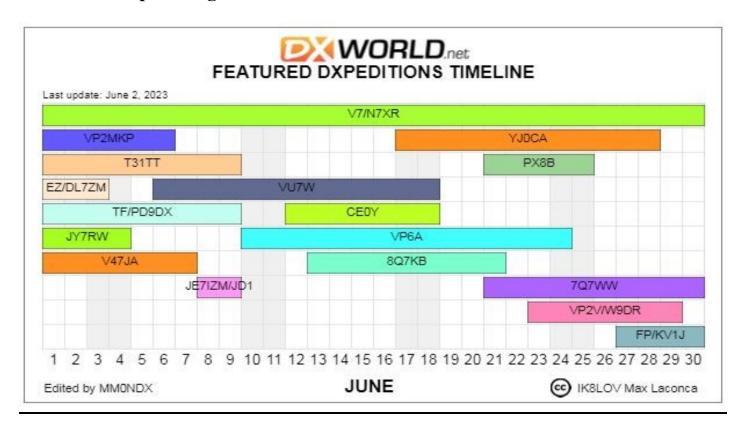
such, there's simply not enough time in this transitionary period of my life to dedicate the level of attention and passion, such a sought-after amateur radio station requires.

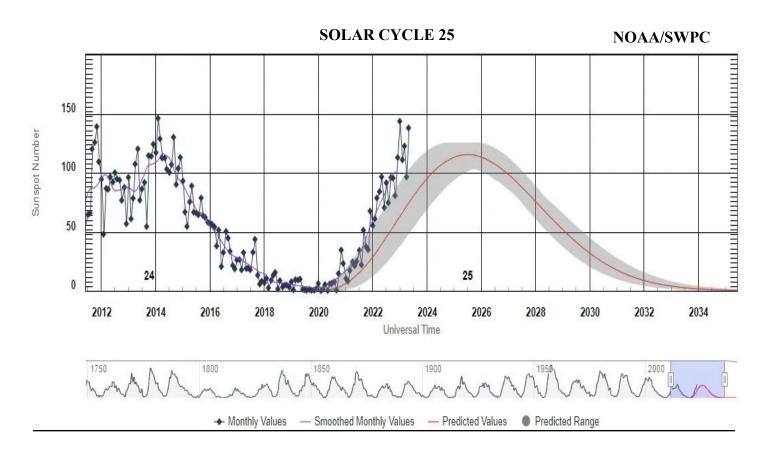
Mr. Phillip Dale (W2/G6CBR) will continue to serve as Vice President. I will remain in the club as President Emeritus in order to help Metin find his footing in what's undoubtedly new territory for him. I thus call upon all of you to welcome and to support him, as you did for me during my tenure. Let's collectively strive in making UNARC/4U1UN the best it can be, and with Metin now leading the charge, the future of 4U1UN looks to be brighter than ever for years to come.

Vy 73,

James K2QI

Credit to DX World





Credit to: NG3K Amateur Radio Contest/DX Page

Start	<u>End</u>	DXCC	<u>Call</u>	QSL	Reported		
Date	<u>Date</u>	<u>Entity</u>	<u> </u>	via	by		
2023							
Ma	ay						
2023 May01	2023 Jun15	Niger	5UA99WS [spots]	LoTW	<u>DXW.Net</u> 20230421		
2023 May06	2023 Jun30	Marshall Is	V7 [spots]	Club Log OQRS	TDDX 20230509		
2023 May20	2023 Jun04	Maldives	8Q7VJ [spots]	LoTW	TDDX 20230317		
2023 May23	2023 Jun07	St Kitts & Ne- vis	V47JA [spots]	LoTW	W5JON 20220530		
2023 May23	2023 Jun14	Rwanda	9X2AW [spots]	M0OXO	DXW.Net 20230310		
2023 May29	2023 Jun06	Montserrat	VP2MKP [spots]	LoTW	<u>DXW.Net</u> 20230529		
2023 May30	2023 Jun13	Cape Verde Is	D4CW [spots]	DJ5QS Buro	TDDX 20230509		
Ju	ne						
2023 Jun01	2023 Jun12	Central Kiri- bati	T31TT [spots]	LoTW	DXW.Net 20230425		
2023 Jun06	2023 Jun18	Lakshadweep Is	<u>VU7W</u>	LoTW	TDDX 20230521		
2023 Jun10	2023 Jun24	Ducie I	<u>VP6A</u>	LoTW	N1DG 20230511		
2023 Jun12	2023 Jun18	Easter I	CE0Y	LoTW	DXW.Net 20230525		
2023 Jun13	2023 Jun21	Maldives	8Q7KB	LoTW	TDDX 20230523		
2023 Jun21	2023 Jul03	Malawi	7Q7WW	W1IE	W1IE 20230426		
2023 Jun23	2023 Jun29	Br Virgin Is	<u>VP2V</u>	W9DR Direct	W9DR 20221218		
2023 Jun25	2023 Jul05	Faroe Is	OY	LoTW	DXW.Net 20230406		

Editors NOTE:

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

Credit to: NG3K Amateur Radio Contest/DX Page

2023 Jun23	2023 Jun29	Br Virgin Is	<u>VP2V</u>	W9DR Direct	W9DR 20221218	
2023 Jun25	2023 Jul05	Faroe Is	OY	LoTW	DXW.Net 20230406	
2023 Jun27	2023 Jul08	Bermuda	VP9	G4OSY	DXW.Net 20230426	
2023 Jun27	2023 Jul11	St Pierre & Miquelon	<u>FP</u>	LoTW	DXW.Net 20221114	
Ju	ıly					
2023 Jul06	2023 Jul18	Saba & St Eu- statius	PJ5	Club Log OQRS	PA8AD 20230219	
2023 Jul11	2023 Jul18	Maldives	8Q7HU	CX3AN	OPDX 20230531	
2023 Jul23	2023 Aug04	Guatemala	TG4	LoTW	KT8X 20230222	
RSGB IOTA Contest (Jul 29-30, 2023) Check here for pericontest activity						
Aug	just					
2023 Aug15	2023 Sep03	DR Congo	9Q3WX	IZ8CCW	DXW.Net 20230510	
2023 Aug31	2023 Sep14	Mariana Is	KH0	LoTW	DL2AH 20230116	
Septe	September					
2023 Sep06	2023 Sep18	DR Congo	<u>9Q1AA</u>	LoTW	TDDX 20230425	
2023 Sep12	2023 Sep18	Palau	Т8	See Info	EA1CS 20230119	
2023 Sep15	2023 Sep21	Greenland	OX0J	LoTW	DXW.Net 20230219	
2023 Sep16	2023 Sep30	Guam	KH2	LoTW	DL2AH 20230116	
October						
2023 Oct01	2023 Oct14	Samoa	5W0LM	9A3MR	DXW.Net 20230529	
2023 Oct01	2023 Oct31	Vanuatu	YJ0TT	TBA	TDDX 20221222	

Credit to: NG3K Amateur Radio Contest/DX Page

2023 Oct02	2023 Oct10	St Vincent	J88PI	GW4DV B Direct	TDDX 20220216	
2023 Oct03	2023 Oct15	Marshall Is	V7	LoTW	DL2AH 20230116	
2023 Oct04	2023 Oct17	Swains I	<u>W8S</u>	TBA	DXW.Net 20230517	
2023 Oct10	2023 Oct23	Niue	E6AM	LoTW	TDDX 20230105	
2023 Oct18	2023 Oct30	Micronesia	V63AH	LoTW	DL2AH 20230116	
2023 Oct25	2023 Oct31	Saba & St Eu- statius	PJ5	LoTW	W5JON	
					20230205	
2023 Oct31	2023 Nov14	Temotu	H40WA	LoTW	N6PSE 20230126	
November						
2023 Nov03	2023 Nov10	Niue	E6AJ	DF8AN (B/d)	DXW.Net 20230406	
2023 Nov04	2023 Nov19	Marquesas	TX7L	LoTW	TDDX 20230306	
2023 Nov15	2023 Nov29	Solomon Is	H44WA	M0URX	DXW.Net 20230513	
2023 Nov21	2023 Dec05	Christmas I	VK9XGM	LoTW	DXW.Net 20230506	
CQ Worldwide DX Contest, CW (Nov 25-26, 2023) Check here for pericon-						
2023 Nov26	2023 Dec08	St Martin	<u>TO9W</u>	LoTW	K9EL 20230508	
2024						
January						
2024 Jan17	2024 Feb03	Clipperton I	TX5S	LoTW	DXW.Net 20230321	