



# INDEXA

Helping to Make DX Happen Since 1983

Fall 2023

[www.indexa.org](http://www.indexa.org)

Issue 140

A 501(c)(3) non-profit organization for the enhancement of amateur radio, worldwide peace, and friendship

## INDEXA

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### **Dear Fellow Members:**

Hope you are enjoying this INDEXA Issue as much as I am. This is the first opportunity that I can communicate with you as your new president, and I am not to waste such a privilege.

We are happy to welcome the new Board of Directors for this new term and incredibly pleased that Nodir EY8MM has agreed to join us. Nodir has ample experience with DXpeditions and is a fantastic addition to our team. His expertise is second to none and brings an opportunity for diversification among our Directors. As the only board member from Asia, he brings a new perspective and most certainly brings the international aspect of our organization. I had the privilege to finally meet him personally this past summer in Italy during the WRTC. He was collaborating as a referee but what he is mostly known for is his photography. He documents well and can bring the best to everybody through his lens. I am sure that his collaboration will nurture our organization even further.

We have been busy evaluating proposals. Most recently INDEXA funded the operation of T2C to Tuvalu by our German colleagues. Most recently we announced that we are supporting the Clipperton DXpedition for January 2023. Also, we have been able to support Juan Fernandez DXpedition slated for February. At the time of their initial application, Juan Fernandez was ranked 63 which does not meet our top 60 criteria. However, with the recent successful DXpeditions, it was moved up to 58 further qualifying for our funding. The board in recent years decided to utilize a small discretionary funding to help expeditions that ranked 60-100. We believed that although not really all that rare, some of those expeditions are worth helping even more if they have a humanitarian component. It was during the Covid Pandemic that not many real DXpeditions were happening. That allowed us to save some funding that we believe will be put to good use in the future.

The future is bright, there are a number of really exotic destinations being planned that are under our review and we believe that Expedition in the next couple of years will be very exciting. The sunspots are also cooperating, and it is with your support and membership that we can together make these DXpeditions a reality.

Best 73!  
Otis, NP4G INDEXA President

**inside...** *In this Issue we cover a message from Incoming President NP4G / VU7W Trip Report and Gary K4MQG Retires as a INDEXA Director.*

**K4MQG is retiring from our Board of Directors by Bob K4UEE**

After 40 years of service to INDEXA and DXers, Gary Dixon, K4MQG, is retiring. When I asked him why, he answered “to make room for the next generation.”

As members of INDEXA, all 1000+ of you, I am sure you have a fair understanding of our history. This year we are celebrating 40 years of “Helping Make DX Happen.” If you would like to learn more about our history, go to INDEXA.org, left column, click on News Items and then November 2015 CQ Magazine DX Column on INDEXA. I think you will agree our history is very interesting and that we have adapted over time along with DXing and DXpeditions.

But here is some information about Gary Dixon, K4MQG, that you may not know. He was involved in forming INDEXA and in fact signed the Articles of Incorporation in 1983. He is Life Member #6 (now there are over 400 life members!) Gary served as Vice President since 1984 and then in 2007 was elected President. He served in that capacity for 10 years. In 2017, he became an honorary member of the Board of Directors. I believe his most meaningful contribution to INDEXA was spearheading our push to become a Tax Exempt 501(c)3. That accomplishment has had a huge impact on our membership and their financial support! We have sponsored more than 250 DXpeditions over 40 years, most of them in the Top 60 DXCC “most wanted” DXCC entities.



Gary is the DXers DXer. He has 380 DXCC worked/confirmed, DXCC Challenge (3056/3203) and was the first North American Ham to achieve the coveted 5BDXCC #2.

Gary, we thank you for your continuous service to INDEXA over the last 40 years!!!!



*Gary accepting his lifetime achievement from Lou N2TU*



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**INDEXA**

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*From the Editor:*

Due to delay on this Edition we will combine Winter and Spring 2024 into one huge Newsletter covering 2023 and 2024 DXpeditions INDEXA is supporting.

73,  
 Steve KI4KWR

## VU7W Trip Report by Yuris YL2GM

**Apr 15 – 29, 2023**

**June 8 – 19, 2023**

### Lakshadweep Islands

<https://lral.lv/vu7w/>



Hello friends! This year started with a plan to visit Lakshadweep Islands for one DXpedition from April 15 – April 29, 2023. However, this turned out to be double DXpedition with secondary visit from June 8 – June 19, 2023. Here is a short story summarizing both parts with some pictures and results.

The journey started on 13<sup>th</sup> of April from hometown Valka located in NE of Latvia. Together with XYL Zigrida we drove to Riga international airport. As usual, the car was packed with antennas and equipment, this time with total weight of 100kg. With 4 connection flights starting from Riga to Istanbul, Delhi and Kochi we reached Agatii Island, from where we continued our trip to Kavaratti Island by passenger ferry.



*Yuris YL2GM and XYL Zigrida*



*Our hotel and QTH on the Kavaratti Island*

We reached Kavaratti Island on 15<sup>th</sup> of April in late afternoon. During twilight time I managed to set up *EFHW* and made first QSOs in FT8. The hotel we stayed at was a three storied building with flat roof divided in to segments with one of them being elevated. There was already placed antenna mast on one of the segments, however, I could not use it for my antennas because it was bent. The other segment was covered with solar panels which made difficult to place *Spiderbeam* there. As well the panels made noise and interference on the bands.

The next day I continued and managed to set up *Spiderbeam* by fixing it to the center point of the building between both segments. With the hotel staff I arranged to switch off solar panels that significantly reduced the noise levels. However, it was still pretty high because of very densely populated area right next to us where no one seems to care about

electricity saving because the lights are turned on 24/7.

On Monday 17<sup>th</sup> of April we encountered our first electricity shortage for two hours and the staff told us its due to construction works nearby. Later, while turning antenna I found out that two elements were tangled and I had to climb up to fix this. During the day temperatures are +35 °C and working in the sun is quite extreme, so I plan all outside tasks in late afternoons or early mornings and I still manage to get sunburns.



Setting up antennas

On Thursday 20<sup>th</sup> of April I set up FT-710 transceiver on FT8 as secondary position. The main position is with Sun SDR + SPE Expert intended for CW and SSB. Unfortunately, SSB had very low activity only ~ 80 QSOs with EU, 4X, BY and JA6. All attempts to reach JA3 were unsuccessful.

Later that day we were visited by Mr. Aboobacker VU3EBX who is the only radio amateur on the islands. He invited us to join excursion and visit islands lighthouse and water desalination plant. At the end of expedition, I gifted 6m antenna to Mr. Aboobacker so he would be possible to make QSOs from the island in future. Couple days before the end of the expedition I set up LBS vertical and that resulted in new QSOs on 60 and 160m.



At the end part 1, our hotel administrator Jaffer told us that next week he was going to Minicoy Island and he invited us there. As these dates aligned with our future plans that we did not know at that point, this came true and we met again later in 2<sup>nd</sup> part of this same DXpedition.

While being on the way to home I received Japanese amateur radio group proposal to visit Island again. They supported this financially and with 6m antenna from JA1BK. As I decided to do this, I left all my equipment in hotel storage in Kochi city and we continued our way home.

On 3<sup>rd</sup> of June we started our 2<sup>nd</sup> trip from Riga international airport to Kochi with two



Yuris YL2GM and Mr.Aboobacker VU3EBX



*Yuris YL2GM with expedition flag next to ferry from Kochi to Minicoy Island*

just 6 guests. After 3 days me and Zigrida were the last 2 guests left in the whole resort and because of this the personal called us king and queen. Catering was organized 3 times daily and the meals were fantastic.

The living apartment was situated on the first floor and on the second floor I set up my DX station. The first days went by as a routine with setting up antennas and regularly checking the 6m band for Japan. The first successful day was on 10<sup>th</sup> of June when I managed to work 85 Japanese stations. Propagation window was very short for just about 30 minutes. There were no EU stations on this band. In total the propagation on 6m



*Celebrational dinner*

connection flights through Dubai and Muscat. Until ferry departure on 6<sup>th</sup> of June to Minicoy Island we had two days to spend in Kochi. Later, travel agency informed us that the ferry is being delayed for one more day till the morning of 7<sup>th</sup> of June. We passed all security checks and moved in to our cabin. Ferry was being delayed once more and we left the port only after midnight.

To Minicoy Island we arrived in late afternoon the next day. Transfer from ferry to Island was carried out with small boats and boarding them was extreme because of high waves. From there we drove to Minicoy Island resort where in total we were staying



*Shack*

was for days where I managed to ~200 Japanese stations.

On 16<sup>th</sup> of June XYL Zigrida had birthday. With the help of hotel staff, we organized a surprise cake and a celebrational dinner in an outside tent on the beach. Staff was wearing colorful ceremonial dresses and greeted Zigrida. The next day we went for a swim in a lagoon to see the underwater world. Beautiful coral riffs with lots of colorful fishes were a fantastic sight.

When the DXpedition time came to end, staff informed us that ferry departure from the island is postponed for 2 days. Because of

this I had to cancel flight reservations and my plans to visit *Hamfest* in Friedrichshafen. Later these delays were cancelled so there still was some hope for Hamfest.

On 20<sup>th</sup> of June we were brought to port and the ferry left on time. We were warmly welcomed by the staff and they organized a small excursion for us to visit the captains bridge. This was new for me as I never visited captains' deck before. The next day around noon we arrived to Kochi port from where we took taxi to the airport. We were lucky to get on the next flight to Dubai and from there to Riga. From airport Zigrida continued back home and I flew to Friedrichshafen. DXpedition was over and we were tired from the flights. As this all was a success it brought new energy for me.

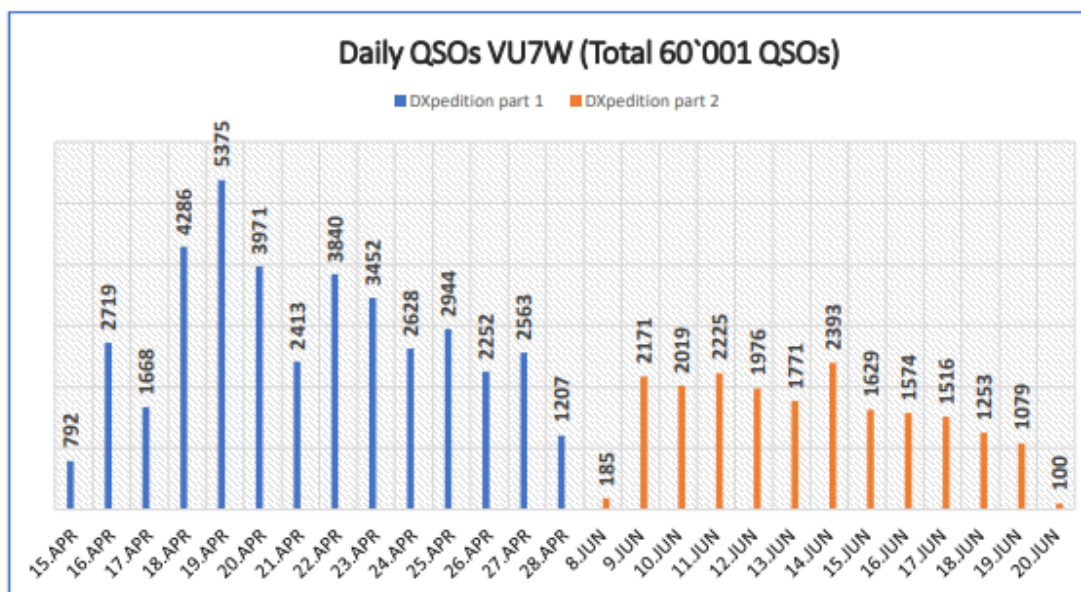
Thanks to everyone who supported us and followed us on this journey. Thanks to everyone who worked VU7W. Altogether in both parts 60k QSOs were made.

*Juris /Yuris /YL2GM*

**Expedition website:** <https://lral.lv/vu7w/>



## STATISTICS



Band/Mode breakdown VU7W

Band	CW	FT8	SSB	Total	Total %
160	0	170	0	170	0.3%
80	102	2251	0	2353	3.9%
60	5	164	0	169	0.3%
40	173	3997	0	4170	6.9%
30	192	6475	0	6667	11.1%
20	927	7356	342	8625	14.4%
17	1199	8275	286	9760	16.3%
15	1211	9778	160	11149	18.6%
12	759	6269	0	7028	11.7%
10	1610	7899	0	9509	15.8%
6	0	401	0	401	0.7%
<b>Totals</b>	<b>6178</b>	<b>53035</b>	<b>788</b>	<b>60001</b>	

DXCC by Band/Mode breakdown VU7W

Band	CW	FT8	SSB	Total
160	0	33	0	33
80	31	74	0	74
60	5	30	0	30
40	30	101	0	102
30	46	110	0	110
20	72	116	50	122
17	70	120	50	129
15	65	131	22	138
12	62	112	0	115
10	74	123	0	127
6	0	26	0	26
<b>Totals</b>	<b>102</b>	<b>158</b>	<b>77</b>	<b>165</b>

Continent by Mode VU7W

Band	CW	FT8	SSB	Total	Total %
AF	26	267	5	298	0.5%
AN	0	0	0	0	0.0%
AS	1098	16826	95	18019	30.0%
EU	4273	28190	552	33015	55.8%
NA	687	5051	114	5852	9.8%
OC	77	1978	14	2069	3.4%
SA	17	723	8	748	1.2%
<b>Totals</b>	<b>6178</b>	<b>53035</b>	<b>788</b>	<b>60001</b>	

Continent by Band VU7W

Band	160	80	60	40	30	20	17	15	12	10	6	Total	Total %
AF	0	10	1	24	24	38	50	41	53	57	0	298	0.5%
AN	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
AS	12	330	1	1060	1862	2206	3036	3910	1837	3392	373	18019	30.0%
EU	157	1913	167	2246	3754	4852	5270	5101	4365	5165	25	33015	55.0%
NA	0	44	0	516	832	1193	1116	1353	521	277	0	5852	9.8%
OC	0	50	0	195	101	251	191	647	156	475	3	2069	3.4%
SA	1	6	0	129	94	85	97	97	96	143	0	748	1.2%
<b>Totals</b>	<b>170</b>	<b>2353</b>	<b>169</b>	<b>4170</b>	<b>6667</b>	<b>8625</b>	<b>9760</b>	<b>11149</b>	<b>7028</b>	<b>9509</b>	<b>401</b>	<b>60001</b>	<b>100%</b>

## Sable Island 2023, CY0S Trip Report by Jay, K4ZLE



According to our team leader, Murray, WA4DAN, Sable Island is a very special place. After my participation in the 2023 CY0S operation, I must agree with him. To finally obtain permission to make this multi-operator, multi-day DXpedition a reality, it took multiple phone calls, several trips from his home in North Carolina to Halifax, Nova Scotia, Canada, and additional short trips out to Sable Island itself. All of this was at his own expense.

Our on-island team consisted of the following: Murray, WA4DAN; Dan, W4DKS; John, W2GD; Lou, N2TU; Lee, WW2DX; Craig, K9CT; Glenn, W0GJ and Jay, K4ZLE. The support team was Pat, N2EIN; Bill, K5DHY; Randy, N0TG; Bob, K4UEE; Hal, N4GG; Chaz, W4GKF; San, K5YY and John N8AA. There were no rookies on either team. Two are directors of INDEXA. Three are CQ DX Hall of Fame members. Two are CQ Contest Hall of Fame members. Over half of the team had previously operated from 'top ten' entities. Our results bear witness to the quality of the team.

We operated 10m – 160, 2M EME, 6M, and Satellite. Modes were CW / SSB / FT8 / FT4 / RTTY. Antennas used were as follows: Hy-Gain 20-15-10 monoband yagis, a Cushcraft 12/17 A3WS duobander with diplexer, verticals on 30m – 160m (using Spider Poles), and a 60M dipole. The same Spider Pole supported both the 160 and 80 m verticals. This limited us to having only one or the other band operational at a given time. On HF there were 4 K3's and, 3 KPA500 amps, The VHF station consisted of an IC-705 Transceiver and Italia labs 1KW SSPA amplifier; LNA: Antennas-Amplifiers EME2-144; Antennas: 2 X 12 Element Antennas-Amplifiers PA144-12-7AGPL; 3 element yagi for 6M, G5500 + RT21 AZ/EL Controller.

Originally, we had planned to have near real time ClubLog feeds, but the existing internet on Sable would not support that mode. True to the time proven adage, "*Plan well but also plan to innovate*", we had to change those plans. As a result, logs were pulled from the master at least twice per day and sent to K5DHY for ClubLog upload.

This was not a tent and generator operation, but that does not mean there were no other obstacles to overcome besides intermittent internet. While the weather on Sable was not as intense as some previous venues, it was not a summer stroll on a tropical beach. We experienced snow in some amount every day except one. Temperatures were generally in the 30's F. Wind was almost a constant 25 knots with gusts into the low 50's. Weather is also a limiting factor traveling to/from Sable, sometimes delaying plans for days. We were delayed by half a day traveling to Sable. Because Halifax was fogged in on our scheduled departure day, we were delayed a day in departing Sable. That extra day allowed us to push our total Q's over 80,000.

The island is a Canadian National Park Reserve and access is normally limited. Because of its protective status, no intervention is permitted between wildlife and humanity. The island is as pristine as nature provides. Intervention is prohibited, but scientific research abounds. One scientist, Zoe Lucas, has over forty years of experience as a naturalist on Sable Island. She does continuous research and monitoring involving terrain restoration projects and biodiversity studies. While there, we were informed that more than 500 wild horses currently make their home on this island. In addition, it is estimated that 300 to 400 thousand seals come to the island during the winter months to breed and pup. More than 350 species of birds have been recorded on the island.

Sable is a shifting crescent shaped sandbar. It gets its name from the French "l'île de Sable" which means island of sand. It is approximately 300 km (190 mi) southeast of Halifax, Nova Scotia, and about 175 km (109 mi) southeast of the closest point of the mainland. It is not more than 1.6 km (1 mi.) across its widest location and about 42 km (23 mi.) long.

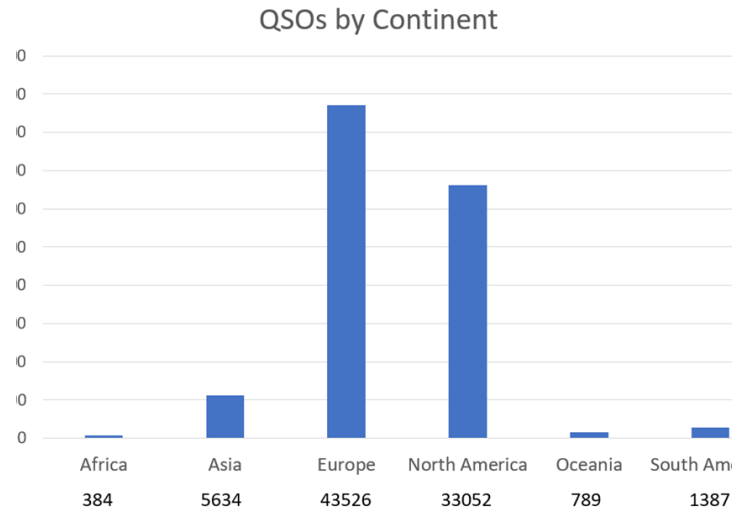
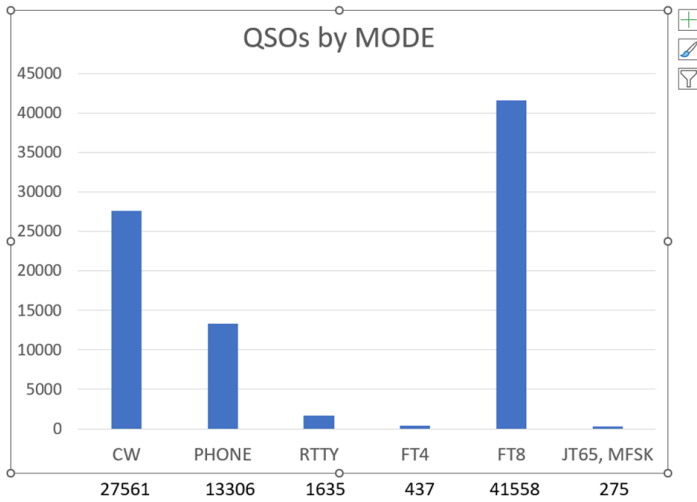
Because, Parks Canada does not recommend coming by boat, transport was via air. Normally that would entail a charter with Sable Aviation on their BN-2A Britten Norman Islander from Halifax, NS.. Since there were eight of us on the team, we would have had to make two trips going and coming. Instead, we chose to also use Vision Air and their Sikorsky SK-76A++ helicopter. Otherwise, it would have taken two days each way. Our *total* weight allowance spread between the two aircraft was 3000 pounds. We all committed to personal weight of no more than 240 pounds each, including personal items which included food for the entire island stay. Murray spent many hours (days) juggling equipment composition vs weight to meet the weight restrictions. There is no airstrip on the island, so fixed wing takeoffs and landings are on the sandy beach.

We arrived on the island on March 20<sup>th</sup>. And departed on March 31. Except during the WPX contest, we operated split. Even though ClubLog had rated CY0 at 49, the piles were generally massive. The team participated as a Multi-Multi entry in the WPX SSB contest with the plan to satisfy much of the phone demand during that time. We made nearly 7900 QSOs during the contest in spite of a G-3 solar event. This resulted in a new Canadian Multi-Multi record. Overall Japan, Oceania, Africa, and South America were our priorities when there were openings. FT8 was exclusively Fox/Hound mode. On EME & SAT operation, Lee, WW2DX focused on 2m EME, 6M, and satellite. As mentioned previously, we did make some RTTY and FT4 QSOs. Total Q's approached 85,000. As a result of this expedition Sable Is dropped from 49 to 73 as of Sep 2023 on the ClubLog needs list.



As a representative of the team, we are thankful for the individuals and organizations that made this operation possible. We are especially appreciative of Parks Canada staff (Sarah Medill and Ken Wile), our aviation partners and Zoe Lucas for their participation. And, of course, without the financial support of INDEXA and other like organizations, operations like this would possibly not happen. Thank you for your support.

As an aside and a teaser, many of the same team members are hoping to activate CY9, St Paul Island, in 2024.



**T2C DXpedition Team**

We will have a Trip Report in the Spring 2024 INDEXA Newsletter for everyone to read...Steve KI4KWR (Editor)

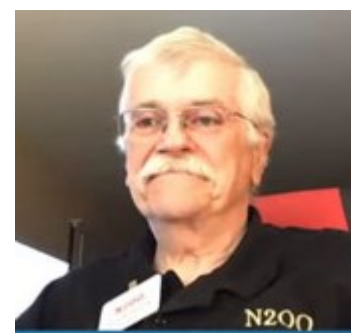


## QSL!

### A look at QSLing in today's world of DXing by Bob Schenck N200

As many of you already know, I have been chasing DX since I was first licensed in 1965. I have also been an active QSL Manager since the mid 1970's. I have pretty much seen it all. Let's look back and then look forward a bit.

When I first got licensed, I sent a QSL card to pretty much everybody I worked. It was exciting to collect QSL cards not only for awards, but also to help remember those very special QSO's. Recently, I was asked for a QSL card for a QSO made back in 1969 with my old call WB2RJJ in Bergenfield, NJ. I went out into my blank card files and could not locate any of my original WB2RJJ cards from Bergenfield, so I took a long shot and went to GOOGLE. I entered WB2RJJ QSL and I got a match with the website [www.oldqslcards.com](http://www.oldqslcards.com) which is run by Bob Green W8JYZ in North Carolina. I checked on the Master file list and voila, there was WB2RJJ listed in Bergenfield for a QSO from the first year I was licensed (1965)! I contacted Bob and he kindly sent me a scan of the card he had in his files. But an added surprise was offered when he went into his "storage files" and located two more of different designs; another card from Bergenfield from 1966, and one more from when I moved to Tuckerton from 1975. He offered to send them to me, asking for a donation to help with his QSL project which I happily provided. Once I got the cards from Bob, I scanned them myself and used one of the designs to recreate a WB2RJJ QSL card for the fellow requesting the card from 1969. Then, I went into my personal QSL card collection looking for QSL's that I received from the 3 stations that Bob sent to me. Low and behold, I had all three! I now have three sets of QSLs representing both ends of the QSO's. Very cool. Bob has a very nice website with a variety of informational links as well as access to the QSL collection list. If you don't see a particular call that you are looking for, don't hesitate dropping him an email and he can check his "archives" for you.



In any case, the QSL card was the only way to confirm a QSO for a very long time. It wasn't until 2003 when LoTW started that began to change the way we confirm our QSO's forever. LoTW is a double edged sword. On the one side, it has made QSLing for awards much easier and a bit less expensive. On the other side, it has diminished the use of paper QSL cards. Unfortunately, some folks are no longer using QSL cards and using LoTW as an excuse to avoid them. I find this to be unfortunate and I beg any of you who have done this to reconsider. The QSL card is NOT just about the awards. It is something that you can touch and see in order to remember a QSO with someone. It is also nostalgia that deserves to be preserved for eternity. I certainly do not expect everyone to send QSL cards to everyone you work like I did back in the 1960's! But, I believe that all hams SHOULD have QSL cards printed so that if anyone does ask for a QSL card, you will be able to oblige by providing one of your own in reply. You might also need to send a QSL card in order to confirm something for an award from someone who does not participate in LoTW. If you are an inactive ham, purchasing a small batch of 250 cards might just hold you for a while and would not break the bank. Another option might be to design your own on your computer and print on card stock a few at a time. For those of you who are pretty active, there is a way to design your own QSL card and upload the image to an online printer. I use [www.gotprint.com](http://www.gotprint.com) for these and the quality is awesome and the price will surprise you. VERY reasonable. A couple of hints, follow their online guidance. Select the appropriate size 3.5" x 5.5" post-card layout and use 14pt Gloss Cover stock. Set the front for High Gloss UV Coating Front. For the back, do not select high gloss. It will print a non-glossy surface on the back that can be rubber stamped without smearing, or you will be able to write using a regular pen. I just looked at the last order I placed for 1,000 cards and it was approximately \$55 for 1,000 cards plus tax and shipping. Pretty hard to beat and the quality is awesome. Again, there is a small learning curve. So, the first time you use the service, I suggest getting a proof which costs a little more. But once you get the hang of it, then you can move to auto proofing. Of course, if you can't be bothered designing your own cards, there are many reasonable QSL card printers out there like [www.ux5uoqsl.com](http://www.ux5uoqsl.com) <https://www.franklinprinting.us> and many others.

When it comes to a DXpedition's QSL practice, another angle to focus on is "sponsors". When an expensive DXpedition team starts to put together their plan, one of the most important aspects is to seek foundation, corporate, club and individual support. The DXpedition team is expected to include major supporter's "logos" or personal calls on the QSL card in order to THANK them for their support. The QSL card lasts forever! Yes, adding the logo on a website is nice, and is also usually required. But it only lasts as long as the DXpedition is in the news. A QSL card lasts forever. I have looked at old QSLs from 40 years ago that show sponsors who are still around today, including INDEXA! One thing for sure, a LoTW confirmation will never show this support. Thus, most DXpeditions should always focus on providing a paper QSL card, in order to support and thank their major sponsors. Often, LoTW will be provided in the early period following the DXpedition when a QSL card is requested. A full upload to LoTW otherwise could be delayed up to a full year after the DXpedition goes QRT.

*(Continued on Page 11...)*

(Continued from Page 10...)

This is not hard and fast, but it is a reasonable thing to expect. So, there is another reason why QSL cards will continue along for quite a long time to come. I must say there has also been a movement for DXpeditions selling "EXPRESS LoTW uploads" with NO QSL cards. I guess you can figure out how I personally feel about this practice. I equate this practice to shooting one's own foot in the long run.

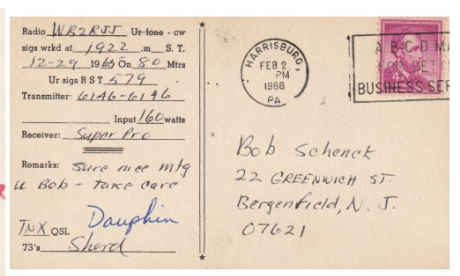
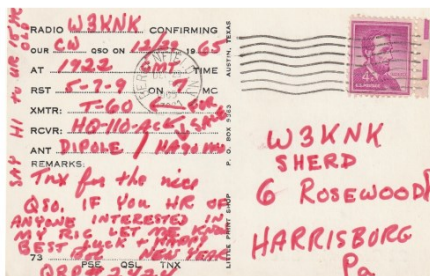
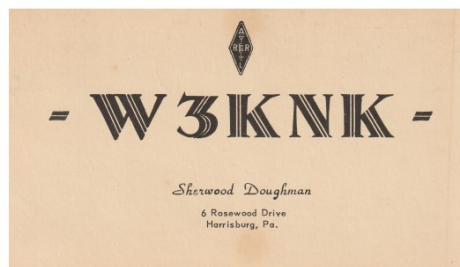
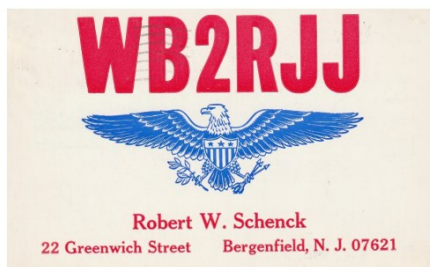
Now, how about those QSL Managers? Most QSL Managers are hardworking regular hams who are devoted to providing you with an appropriate QSL card for any QSO that they can confirm in the DX log. They provide this valuable service so that the DX station can spend more time on the radio instead of processing QSL cards. Most QSL Managers do this as a passion. Although they usually require that you provide return funds or an SASE for direct QSL requests, most will also answer bureau cards as well. I can relate having just shipped out about 40 pounds of cards to my outgoing QSL bureau which cost me in excess of \$300. Add additional costs like card printing, labels, envelopes, postage, incoming bureau expense, rubber stamps, etc and you can see that it can be costly to all QSL Managers for sure. Many now use an online QSL request system (OQRS) such as Club Log which helps. But I can attest that many had requested FREE bureau QSLs on Club Log OQRS without any regard for the costs to the QSL manager. If you are requesting a bureau card from a fellow private individual ham in a fairly common DXCC entity, then that is probably all OK. But if you are requesting free OQRS bureau QSLs from DXpeditions via a QSL Manager, then you SHOULD at least add a donation when checking out. There is usually a place for you to do that but far too many just click past it since it can be voluntary. Most QSL managers must pay to receive QSLs from their incoming bureau as well as to pay the cost to ship them out to you. There are so many ways to thank the QSL Manager for handling bureau cards, why not take a moment to help out? Many QSL managers now add a modest charge to a QSL bureau OQRS request, especially for a DXpedition. Think a little when you ask for that bureau card from a QSL Manager.

Finally, I have always enjoyed keeping a QSL card album for my DXCC cards. It would be pretty hard to do this without all of the QSL cards. I cannot imagine what I would do if a DX station that I needed from a rare location did not print QSL cards but only did LoTW. What would I put in that spot in the album? Nothing at least until I could work someone else from that entity who DOES provide QSL cards. There are plenty of QSL managers out there who would gladly help any semi-rare DX station with QSLing. When it comes right down to it, all the DX needs to do is send a log to the QSL Manager on a regular basis. There are multiple methods for doing this, even something like providing Club Log OQRS access to the QSL Manager. If the DX station has funds but not time to deal with cards, then he/she should help by providing some funds to the QSL manager for printing cards. If the DX station is unable to provide such funds, many QSL managers will print cards at no cost. So, for the semi-rare DX out there, please QSL! If you need a QSL Manager, look through the long list of available quality QSL managers by visiting the QSL Managers Society web page at [www.qslmanagers.net](http://www.qslmanagers.net).

See ya' in the Pileups folks!

De N200

[Article derived and edited from the CQ DX Column July 2021]  
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## COMING EARLY 2024

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# 2024



# TX5S

## Club Log DX Report

Band	QSOs	% DX	Graph
160M	12,513	31.10	
80M	43,202	27.15	
60M	15,282	41.38	
40M	137,999	31.81	
30M	72,167	60.74	
20M	177,464	47.74	
17M	73,118	73.59	
15M	149,885	69.21	
12M	121,686	76.54	
10M	270,452	75.24	
6M	22,952	72.66	
4M	142	0.00	
2M	3,782	16.08	

Rank	Prefix	Entity Name
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

### Most active modes

This chart illustrates which modes are being used most heavily during the period of this report.

Mode	% Use	QSOs	Graph
FT8	60.87	675,326	
CW	12.35	137,077	
SSB	11.55	128,111	
FT4	11.55	128,100	
RTTY	2.64	29,321	
MFSK	0.36	4,024	
FM	0.28	3,124	
PKT	0.19	2,074	
DIGITALVOICE	0.06	624	
PSK	0.03	361	
MSK144	0.02	203	
WSPR	0.01	157	
DYNAMIC	0.01	154	
SSTV	0.01	110	
PAC	0.01	109	
DSTAR	0.01	58	
All other	0.05	564	



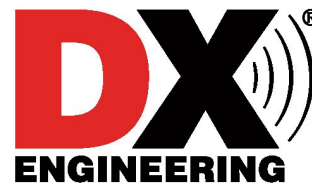
This report is sent to the [Club Log Google Group](#) every 7 days.

It's also available daily at 14:30Z from <https://clublog.org/dxreport.html>

It contains a summary of band conditions and activity, based on the data that you and other Club Log users have uploaded. If you have any suggestions or feedback on this report, please email Michael G7VJR at [michael@g7vjr.org](mailto:michael@g7vjr.org)



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