



# INDEXA

Helping to Make DX Happen Since 1983

Fall 2021

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

Issue 134

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

## INDEXA

N200	Bob Schenck	President
WB9Z	Jerry Rosalius	Vice President
W8HC	Hal Turley	Sec./Treasurer
N2TU	Lou Dietrich	Chm, Brd of Dir.
K4UEE	Bob Allphin	Director
KO8SCA	Adrian Ciuperca	Director
K4MQG	Gary Dixon	Director
K0IR	Ralph Fedor	Director
DJ9ZB	Franz Langner	Director
Ki4KWR	Steve Molo	Director
KZ2I	Steve Sullivan	Director
NP4G	Otis Vicens	Director
W3OA	Dick Williams	Director
OH2BH	Martti Laine	EU Ambassador

October 6 – October 26, 2021



[Kingdom of Eswatini](https://www.kingdomofeswatini.org)

<https://www.lral.lv/3da0ww/index.html>

**NOTE:** Though INDEXA did not support this DXpedition we would like to share the 3DA0WW story with our membership. We have supported Yuris in past adventures so please enjoy. - Steve KI4KWR Newsletter Editor

These unstable times in the world have changed all of our lives. People are eager for traveling and new adventures. Our team also had numerous discussions on when and where could we go next and is it even possible with the given circumstances. When we were looking for the next DXpedition location we had to take into account all the restrictions and this complicated the whole process.

The idea about DXpedition to *Kingdom of Eswatini* I acquired during my first visit to *South Africa* in the early of 2021. This country was not very high in DXCC most wanted list (#140), however, it had very interesting history and tales about its king and traditions. In addition, the government representatives were very supportive about our plans to organizing amateur radio event.

Location of our QTH I acquired by studying the map and *booking.com* website. First option was a hotel far away from populated places and it could be good choice, however, I decided to look for another place because next to it were placed some solar panels and it could have the risks for interferences. Another option which I

decided to use was hotel *Mdzimba Mountain Lodge* located 10 km from the city *Manzini*. Two houses approximately 80 meters from each other and 1200 meters above sea level. *Manzini* city was located in valley.



3DA0WW QTH, Mdzimba Mountain Lodge

DXpedition team roster consisted of two Latvian and four Ukrainian radio amateurs. We met in *Johannesburg* airport and from there travelled together with plane to *Kingdom of Eswatini* and reached *King Mswati III* airport on 13<sup>th</sup> of October.  
(Continued on Page 2...)

**inside...**

**Director in the Spotlight ... Adrian KO8SCA and Upcoming DXpedition Latest News from Bouvet 3Y0J and Swains Island W8S**

Security service took all our passports, licenses and hotel reservations. It took about two hours and we could continue our journey together with our hotel owner when he arrived. It was about 60 km drive to our hotel. There we split between two houses, Latvian two operators took the smallest house and Ukrainian operators moved into the bigger house.

Till the evening dark we managed to install our multi band GP. After turning on transceiver we saw that there are noise level S7-8 on all bands. We were looking for the noise source by gradually switching on and off all light sources. They all made noise and we decided to use only one table lamp as light source during the dark in each house. However, these weren't the only noise sources because in other houses there were also lights that could not be turned off because of security reasons.



Vlad UW7RV, Jack YL2KA, Yuris YL2GM, Sasha UT7UV,  
Pavlo UU0JR, Wlad US7IGN  
3DA0WW Team



Resolving the dogs chewed guy-wire problems

Next morning, we found our multi band GP on the ground because the local dog chew through its guy-wires. After talking to owner, the dog was moved to a smaller territory behind a fence.

During the day we set up Spiderbeam antennas in both positions and operate. This time for each band we have separate filters, we split them between both positions. This ruled out the possibility that both stations would turn on the same band simultaneously. The temperatures were +34 to +36 C during the day and dropped down to +20 C during the night time.

(Continued on Page 4...)

The *INDEXA Newsletter* is a quarterly publication of the International DX Association. INDEXA is a 501(c)(3) non-profit organization.  
Copyright 2021



**INDEXA**

**Editor & Publisher**  
Steve Molo, K14KWR  
13063 Oliver Lane  
Madison, AL 35756 USA

**Distribution & Circulation**  
Hal Turley, W8HC  
2309 Lincoln Avenue  
Saint Albans, WV 25177 USA  
secretary@indexa.org

Membership applications are available at:  
[www.indexa.org/application.html](http://www.indexa.org/application.html)

Address general correspondence to President Bob Schenck, N200, at  
n200@comcast.net.

# LOST MEMBERS

INDEXA is trying to locate members with whom we have lost contact. The list below shows members who do not have an email address in our files. They won't see this plea unless they read the newsletter online because they no longer receive publication notice of the newsletter via email.

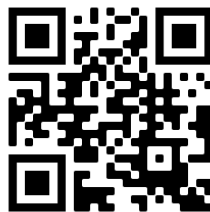
Please send an email to [secretary@indexa.org](mailto:secretary@indexa.org) if you are on this list or have an email address for someone on this list.

7L1MFS,HIROSHI YOSHIDA  
 7N4KDU,MASAKATSU IIMURA  
 BV4JB,YU-MING CHANG  
 BV7WB,K.H. WANG  
 DJ5DA,WALTER GRUNDLING  
 DJ7UO,SIGFRIED STOCKS  
 DL2AYJ,KLAUS FRANKE  
 DU3NXE,CHARLES KRESGE  
 EA1KX,JESUS HUERTA  
 HB9BVV,FRANZ STUTZ  
 I2JQ,SERGIO PORRINI  
 I5HSJ,GABRIELE SALCINO  
 JA1IRH,AKIO YAMAKATA  
 JA1QKK,TAMOTSU EBINA  
 JA3BEA/9,BUNJIRO MURATA  
 JA6GGD,M. NOGUCHI  
 JA8IYI,JIRO ANZAI  
 JE1TGL,BEAR NOBUHIRO OHKUMA  
 JF0CSK,KATSUHIRO FUJIMORI

JG5UNQ,HIDEMASA KIMURA  
 JJ1BMB,JUNICHI OHGO  
 JK6ISK,MAKOTO SAKAMOTO  
 JM2VYA,KAZUYA SHIMIZU  
 K0ZSG,RICHARD J. McGLINN  
 K6BTT,LEE NELSON  
 KA9W,JO ANN HENDERSON  
 KB8TE,RON MCKINNON  
 KG4R,MICHAEL L STEINER  
 KP4UK,MARCUS MALDONADO  
 KR4W,ERNEST M BRYANT  
 LU2DAS,ADRIANA GREBE  
 N0FYR,BURT SCOTT  
 N0MT,THOMAS MICHAELSON  
 N1EBT,PETER RASMUSSEN  
 N1YE,GENE R. GLOVER  
 N2BYU,GEORGE KULMAN  
 N2DWR,MARLA BOZARTH  
 N4KED,JANICE OYSTER  
 N4PI,E CHARLES MOODY  
 N7UG,JOYCE MEDLEN  
 N9UA,MICHAEL LAWRENCE  
 TU2QQ,MICHEL FADROM  
 VE7AUX,ANNIE HARMAN  
 VE7EOF,FRANZ J MITTELHOLZER  
 W6TX,RANDY WHITE  
 W9SF,R. SCOTT FRANCOIS  
 WA2HZR,DAVID J. CHURCH  
 WA2ICE,JOAN A. FLOWER  
 WA2VZQ,KENNETH STIER  
 WB5LHY,JIMMY R. ROLLINS  
 XE1O,OSCAR A. OROPEZA  
 XE1YQM,TINA OROPEZA  
 YB0ROY,ROY SIREGAR

**INDEXA is on Social Media and AmazonSmile as “International DX Association”**

*(Logos are active directly to webpages)*



**INDEXA QR Code for  
 Membership Application**

Next day one Spiderbeam was found on the ground with two broken fiberglass tubes. Our friendly dog managed to escape from his fenced territory and right after that he chewed through our antenna guy-wires once more. Dog gets isolated again.

In the morning we set up low band antennas. Sadly, this time our LBS vertical does not operate as intended and we get burned relay and capacitor in the switchbox. We redesign our vertical for low band antenna and use it for 160m, however it's not very effective and the poor results show that.



The new week starts with heavy rain and thunderstorm. Temperature drops during the night to only +9 C, it's also very foggy because the mountain top was covered with the cloud.

Sasha UT7UV together with hotel owner drives to the local market for food products every second day. Sasha is our chef and prepares breakfast and dinner for the whole team. The most delicious dish is the *Ukrainian borsch* soup that is prepared using African products.

For the second half of the week the sky clears a bit and the hot temperatures return and again we feel like in Africa. Sun is very hot with very intensive ultraviolet radiation.

On FT8 we get called by 3DA0AQ, however the program does not register the call because it registers as two separate calls, this gets solved by typing manually. Technical problems keep piling and we also start to have issues with our SPE Expert PTT because it works with delay and we lose our first transmitted symbol. This gets resolved by restarting whole software. Three days before QRT our K3 driver transistor brakes down so we are left only with one station.



All together team spirits are in good mood. In addition, the hotel owner takes us to small excursion to local school that he supports financially. However, the school is empty because of riots in the country. All public transportation is on hold. People are disappointed in the country's ruling. However, the Kingdom of Eswatini is very tourist friendly country with many beautiful mountain and wildlife sceneries. Sadly, because of the pandemic many cultural sites were closed down and we could not enjoy them fully. Because of these reasons we did not plan Hams with Hearts support this time.

Two weeks fly by in a blink of an eye and we have to pack our bags for returning home. Expedition plan is accomplished, we managed to make 31k QSOs. For two team members this was their first DXpedition. Lesson learned from this expedition – if possible, then visit QTH site before the expedition in order limit unexpected noise sources and etc.

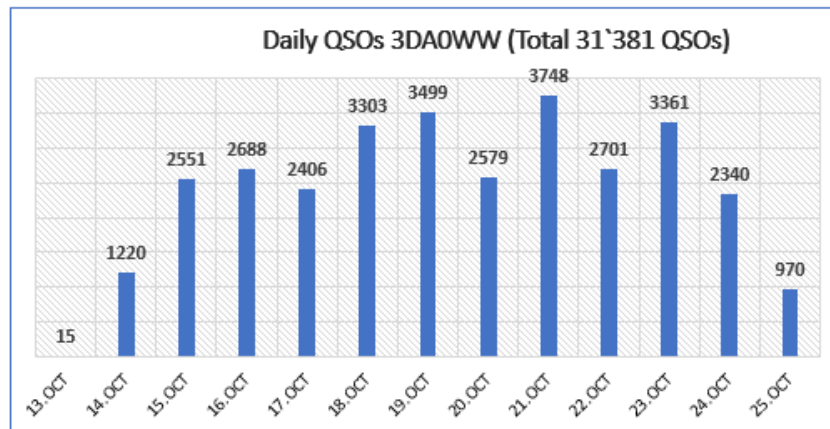
(Continued on Page 5....)



Vlad UW7RV, Pavlo UU0JR, Sasha UT7UV,  
Yuris YL2GM, Wlad US7IGN, Jack YL2KA



**STATISTICS**



**Band/Mode breakdown 3DA0WW**

Band	CW	FT8	SSB	Total	Total %
160	1	70	0	71	0.2%
80	339	1518	0	1857	5.9%
60	0	95	0	95	0.3%
40	476	3115	77	3668	11.7%
30	363	2320	0	2683	8.5%
20	1771	2144	1078	4993	15.9%
17	2823	2925	606	6354	20.2%
15	1783	4031	992	6806	21.7%
12	671	1613	759	3043	9.7%
10	438	979	394	1811	5.8%
<b>Totals</b>	<b>8665</b>	<b>18810</b>	<b>3906</b>	<b>31381</b>	<b>99.9%</b>

**DXCC by Band/Mode breakdown 3DA0WW**

Band	CW	FT8	SSB	Total
160	1	19	0	20
80	42	71	0	73
60	0	25	0	25
40	51	89	23	93
30	48	101	0	105
20	76	91	69	113
17	83	92	56	107
15	69	104	70	113
12	55	79	62	87
10	59	75	51	88
<b>Total</b>	<b>104</b>	<b>132</b>	<b>94</b>	<b>148</b>

**Continent by Mode 3DA0WW**

Band	SSB	CW	FT8	Total	Total %
AF	66	52	169	287	0.9%
AN	0	0	0	0	0.0%
AS	141	682	3819	4642	14.8%
EU	2758	6337	9273	18368	58.5%
NA	800	1429	3859	6088	19.4%
OC	13	26	582	621	2.0%
SA	128	139	1108	1375	4.4%
<b>Totals</b>	<b>3906</b>	<b>8665</b>	<b>18810</b>	<b>31381</b>	<b>100.0%</b>

## **Director in the Spotlight - Adrian Ciuperca**

### My First Exposure to Ham Radio:

I was born in Romania in the Eastern Block and travelling overseas in those times, especially outside Eastern Europe was an almost impossibility and ham radio was an interesting way of breaking those borders.

When I was 14 years old, I studied the required material and learned the Morse code and was able to pass the required exam to obtain the license. While waiting for my license, I operated from the local club station and since I was the youngest member of the club my fellow hams would close a blind eye on my little illegality.

Two years later I was still waiting for my license from the Telecom Ministry (FCC equivalent in US) and there was no hope in sight. I'll probably never know why they were not willing to grant me a license. And then in 1989, the Berlin Wall had fallen and the Communism (and its restrictions) in the Eastern Block went away with it. A few months later a phone call to the Telecom Ministry yielded my long-awaited license and my first callsign: YO8SCA.



One Sunday evening, in 1990, noticing a large pileup, I tuned into a station with a strange callsign: ZA1A. After working that station, I realized it was an ATNO for me and, therefore, begged my parents to obtain some US dollars (difficult to come by at that time) so that I could request a QSL card. Months later, when I brought the red ZA1A QSL card to the club station, my friends there explained what a DXpedition was and that ZA1A was the first activation of Albania, a new and rare DX entity for all hams around the world. And in that moment, I made it my goal to one day meet the ZA1A operator and organizer who had kindled my love for DXpeditioning: Martti Laine OH2BH. That finally occurred in 2019 on the VP2VB DXpedition.

### Life Takes Over:

I moved on to college and studied computer science for a 5 year degree from the Polytechnic University in Bucharest. I've gained a lot of electronics, radio and computer knowledge from my friends at the local radio club, many of whom were engineers at the aircraft factory in my hometown and experts in their field. That knowledge propelled me immensely during the college years and later on in my career and so towards the end of my studies I was offered a computer job at an IT firm in New York.

In 1999, using my first paycheck from my new job, I purchased a Yaesu FT-840 radio and a 10m band Cushcraft beam. A few months later, I took the FCC written test and the Morse code test and became KC2FQU. But life takes over for most of us at that age and ham radio had to take a back seat to my family and to my career obligations, until 2013, when, those responsibilities having become more manageable, I happened to come upon my old Yaesu FT-840, which sparked a renewed interest in ham radio. So, in 2014, I obtained my Extra license and my vanity callsign KO8SCA, a callsign that reminded me of my teenage days as YO8SCA.

### DXCC Hunting:

In 2014, when I returned to my ham radio hobby, I started an intense DXCC marathon and went from 0 to 307 entities in just four years, by hunting down every new DXCC entity which I still needed as soon as they showed up on the bands. As the radio noise in New York City does not allow for too much radio communication, I worked DX from the different local NY radio clubs, from friends' home stations (thank you Steve N2AJ) or from portable stations in the mountains of New York State. I continue to be a keen DXer and am active on different DX programs (DXCC 317, 9BDXCC, IOTA 350), and I still get excited every time I work a new one. And finally, after working over 300 DXCC entities, my equipment setup was optimized to my satisfaction and was ready for DXpeditions.

*(Continued on Page 7....)*

## Director in the Spotlight - Adrian Ciuperca continued...

### DXpeditions:



**VP5, J3, FJ:** Starting in 2015, I began going to DXpeditions, either alone or with my wife or friends, in the Caribbean islands, such as VP5, J3, FJ. Ham radio licenses or permits are easy to get for these places where you can test your portable DXpedition equipment. You learn what works and what doesn't in a rough, sandy, hot, and salty environment; what equipment is essential, and what needs to be prepared upfront to get the antennas up and ready in two hours or less when you are on the island.

**VK9XI and VK9CI:** When in Dayton, Ohio, I met a group of VK hams and we became long-time friends; later they invited me on their DXpedition when one of their operators had to cancel. Their destination, Christmas and Cocos Keeling Islands, owned by Australia, in the Indian Ocean are far away from New York, but it was worth it! The large red crabs that you see everywhere makes Christmas Island a unique place, and Cocos Keeling Island, although a tourist destination, is so far away from mainland Australia that you feel you have the island all to yourself. While we were on that island, my VK teammates organized a ham radio test session, yielding two new resident hams on the island.

**9M0W:** Despite the ongoing political turmoil in the China Seas, Hrane YT1AD was able to put together a successful DXpedition to Layang Layang, Spratly Islands. Because it is a Malaysian military base, licensing and transportation were difficult. But Hrane was able to use the local 9M hams as an asset, a few of whom joined the V85SAA DXpedition several years later. This is where I met Krassy K1LZ, Chuck JT1CO, Jeff K1ZM, and Dave WD5COV, whom I met again on other DXpeditions.

**Z23MD:** The Italian Mediterranean DX Club put much effort into organizing this DXpedition at a time when Zimbabwe was experiencing shortages of everything from fuel to food to bottled water. We were hosted in a private nature reserve, which gave us a glimpse of what the wilds of Africa are really like. Some of the DXpedition members got the chance to fly to the famous Victoria Falls.

**6O6O:** At Visalia, I met Ken LA7GIA, and we arranged to go to Somalia in 2018. Although 6O is not really a vacation spot, and we had to hire guards with AK47s and a bullet-proof car, I was impressed by Ken's logistical and organizational skills which gave me the confidence to go ahead with his plan. It was a trip full of challenges, but as our multiple backup plans were able to meet those challenges, we ended up with a successful DXpedition.



**TX0A (OC-113) and TX0M (OC-297):** Sailing to the remote atolls of Polynesia with Cezar VE3LYC, a hard core IOTA chaser, to operate from these extremely rare IOTA islands, was quite an experience. As Cezar was also born in Romania, our common heritage made our friendship even stronger. Two weeks alone on these uninhabited atolls made us feel like Robinson Crusoe and Friday, catching lobsters and picking up oysters for breakfast, lunch, and dinner!

(Continued on Page 8...)

## Director in the Spotlight - Adrian Ciuperca continued...

**V85SAA:** I was thrilled when Krassy K1LZ and Jeff K1ZM entrusted me with coordinating the many facets of this large-scale and complex DXpedition of 25 operators. Krassy and Jeff are fond of 80m and 160m bands, but to be successful in those bands involves complicated lodging, electrical power arrangements, and an extensive array of equipment and antennas, which were shipped in three different containers to Brunei. We enlisted the help of the 9M hams to conduct a site survey of the operating place in V85, so that we were able to prepare an optimal operating site. (As the father of the future bride of the Sultan of Brunei is also a ham operator, we were treated as VIPs while we were there.)



**YP0H (EU-183):** This IOTA DXpedition, put together in a couple of days with Gabi YO8WW and Sandro VE7NY, proved interesting, as we operated from a nature reserve, the Sacalinul Mare Island located in the marshes of Danube Delta in Romania, although we had to contend with large mosquitos and the extreme heat.

**K7TRI (NA-211):** Tillamock Rock is a rare IOTA, needed by 94% of IOTA chasers, although it is close to the Oregon shore. This private island, an immense rock boasting a large seal population, is surrounded by heavy seas and flanked by sharp cliffs, which made using a helicopter the only safe way to get on the island. The team leader, Yuri N3QQ, sought for many years to get permission to operate on the island. I must admit that the constant wind, the aggressive aquatic wildlife, and the island's far-from-inviting ambient odor, made this DXpedition a challenging operation.

**ZK3A:** This was another DXpedition put together by Hrane YT1AD. Although Tokelau is not extremely hard to reach, it is off the average tourist's beaten path. Since the islands are small and are not able to host many visitors, special permission was needed to get a full radio team on Tokelau. Hrane visited Tokelau before the DXpedition and arranged, with the telecom and local authorities, the best possible approach to maximize the number of QSOs in the log. We were hosted on two separate islands, allowing us to operate in the same band different modes at the same time. An advance team of three operators (I was one of them) went to the island to get antennas ready for the main team that arrived a week later. In Tokelau, we were able to see the local people enjoying life to the full, undisturbed by the modern world of technology.



**A50BOC:** A trip to Bhutan, a mysterious place for the Western World, organized by Zorro JH1AJT gave me the opportunity to enjoy pileups with some skilled operators, such as E21EIC, DJ9ZB, and ON5UR. Zorro was there as the official Olympics consultant for the Kingdom of Bhutan. The visit to our operating shack by the brother of Bhutan's king, who is also a ham operator A5A, made this trip very special, like some memorable others in which hams had the opportunity to work alongside other notable hams, such as (JY1) the late King Hussein bin Talal of Jordan (SK) or (EA0JC) Don Juan Carlos de Borbón, the former King of Spain.

**VP2VB:** This Yasme Memorial DXpedition in the British Virgin Islands, using Danny Weil's callsign, organized by Martti Laine OH2BH was, for me, a significant point of my DX career. I was finally working together with the operator who gave me my first DX contact, in 1990, from ZA1A. The four team members operated from Anegada Island, a perfect location for a DXpedition, being a flat sandy island with radio views to all continents, which generated many pileups and many 160m contacts, especially with Asia, where the demand for VP2V QSOs is really high.



**OJOC:** Despite the COVID restrictions in 2021, my Finnish hosts were able to organize this 6M-focused DXpedition to Market Reef. This isolated, uninhabited island in the cold Baltic Sea, its only structure being a lonely lighthouse, is no larger than two football fields; covered by extremely aggressive ferns, it is an inhospitable place. But my Finnish hosts were, nonetheless, able to put together an enjoyable DXpedition. Market Reef is the smallest island shared by two countries (Sweden and Finland). From a ham operator's point of view, it is an RF paradise: an island with S0 environment noise where sloper antennas hung from the lighthouse worked as well as a beam.

(Continued on Page 9....)



## ***Director in the Spotlight - Adrian Ciuperca continued...***

### Contesting:

Contesting allows you to push your operating skills to the limit. My friend Tom K2AD recommended that I join the YCCC and, sure enough, that helped extend my contesting network. Later on, I also joined the Order of Boiled Owls of New York, a small local contesting club, and participated in contests from the K2LE station in Vermont. I was involved in a few Contesting DXpeditions in various places in the Caribbean, either individually or as part of a team: TO5W, VP9I, J8NY, PJ4G, etc.

I also operated from NR4M and K1TTT, the latter being one of those stations that especially impressed me because of their open arms attitude. Their approach is simple: just show up; if you're good, go ahead and dive into the pileups; if you are still learning, we'll teach you!

Operating from superstations K1LZ & LZ5R is really impressive: the tech people there are pushing the envelope as to the latest and greatest technology, sometimes making you feel you are the protagonist in a SF movie.

In June/July 2021, with the help of Martti Laine OH2BH, I had the privilege of operating from Aland Islands as OH0SCA from Aland Islands, OF0HQ during the IARU 2021 contest, and OH0SCA/8 from the Radio Arcala (OH8X) superstation at the Polar Circle.

### 4U1UN:

In 2020, the Yasme foundation awarded the Yasme Excellence Award to James Sarté K2QI and me for our efforts in getting the famous 4U1UN station operational again. But many people were involved in this years-long project: it was a veritable team effort. And the UN management was open and flexible in helping us to get the necessary permissions. The technical solution to the many security restrictions was to have the antenna (BigIR) on the roof and the equipment (Flex 6600 radio, ACOM 2000A amplifier and the control devices) at the top floor (42nd floor) in a security-restricted location, but accessible remotely through a fiber optic link from the first floor of the UN building, where the operating room is located.

### WRTC:

In 2017, Andy YO3JR asked me to be his WRTC 2018 teammate in Wittenberg, Germany. But as he was not able to attend the WRTC because of personal reasons, Krassy K1LZ put me in touch with Adi S55M, one of his superstation operators. Krassy helped us put together our WRTC RF equipment by giving us his WRTC backup setup, even graciously offering to ship it to Germany. That kind of gracious conduct is rarely found in other sports besides ham radio. Elecraft sponsored us with K3S radios and P3 panadapters. Adi and I ended up somewhere in the middle of the pack in the final competitive ranking at the WRTC.

### What's Next?

There are two large DXpeditions coming up in my travel calendar, both supported by INDEXA:

- In November 2022, a group of 13 hams will be landing on Bouvet Island, the second rarest DXCC entity, and I am part of that team. The DXpedition with the callsign 3Y0J, supported by NCDXF, INDEXA, and many other clubs and organizations around the world, will attempt to make at least 120K QSOs during the 20 days on the island using eight stations and focusing on the "human modes." ([www.3y0j.com](http://www.3y0j.com))
- In the spring of 2023, a group of 10 hams will activate Swains Island using the callsign W8S. They will be active in CW, SSB, FT8, and RTTY with four stations from two separate camps. W8S was postponed to 2023 because of the worldwide COVID restrictions. (<https://swains2020.ldxt.eu/>)

The technical aspect of ham radio and the lure of DXpeditions are what first attracted me to the hobby, and now I am able to travel extensively to indulge my love for ham radio.

Over the years, I joined several DX organizations and clubs (such as INDEXA, NCDXF, LIDXA, Araucaria DX, etc.) as I realized that none of the DXpeditions to the top 25 or even 50 DXCC entities is possible without these organizations' financial help. Being elected as an INDEXA director allows me to get even more involved in the DXpeditioning arena, and I am thankful to all those who trusted me and elected me to be one of its directors.

73,  
Adrian KO8SCA

## Latest DXpedition News

### Swains Island DXpedition W8S



#### DXpedition W8S Swains Island IOTA OC-200



4<sup>th</sup> of November 2021

Subject: Swains DXpedition postponed

This week the W8S team had another conference call about the planning for the upcoming DXpedition to KH8/s Swains Island.

Due to the Covid-19 restrictions, it will remain impossible to travel to American Samoa in the coming months.

The limited number of flights, only 5 the first quarter of 2022, from Hawaii to American Samoa with the additional restriction to do a Covid-19 test 5 days before departure in Hawaii makes travelling extreme difficult. Also tourists have a lower priority to buy a ticket.

The risk is too great to travel to Swains in the spring of 2022.

Two members of our team are also part of the 3Y0J Bouvet team scheduled for November/December 2022.

The entire team therefore had to decide to postpone the W8S Swains DXpedition until March 2023.

This is the only opportunity to be on Swains for 15 days with the same team as our original plans in 2020.

Our project has certainly not been canceled but postponed to the spring of 2023.

An extra advantage that the propagation is much better on the higher bands.

We will keep you informed of the status via our website, Twitter and Facebook.

Regards,

A handwritten signature in black ink, appearing to be 'R Stuy'.

On behalf of the Swains team,

Ronald Stuy, PA3EWP  
Talmaweg 138  
2992AK Barendrecht  
The Netherlands

Email: [rstuy1@chello.nl](mailto:rstuy1@chello.nl)

Skype: PA3EWP

**INDEXA is a proud supporter of this DXpedition**

## Latest DXpedition News

### Bouvet Island 3Y0J



#### 3Y0J: A DXpedition to the most remote uninhabited island on Earth.

In the vastness of the South Atlantic Ocean, covered by ice, engulfed by clouds and battered by constant winds lies a speck of land, a mystical place that only a few can dream to visit. It is an inhospitable and hard to reach island that is rarely visited by humans and so it rightfully gained the title of the most remote uninhabited island on Earth. More people probably stepped foot on the Moon than had stepped on this remote island's shores. This Norwegian territory is known as Bouvetøya or Bouvet Island.



#### The Island:

The cone shaped inactive volcanic island reaches 780m above the ocean level (Olavtoppen peak) and it is covered 93% by snow and ice. It was discovered by a French explorer, Jean-Baptiste Charles Bouvet de Lozier on January 1, 1739 but the Norwegians were the first to set foot on the island in 1927 during the Norwegian expedition. It became a Norwegian dependency (together with Peter 1 Island and Queen Maud Land) in 1930 and, in 1971 Bouvet Island and its adjacent territorial waters were designated a nature reserve.

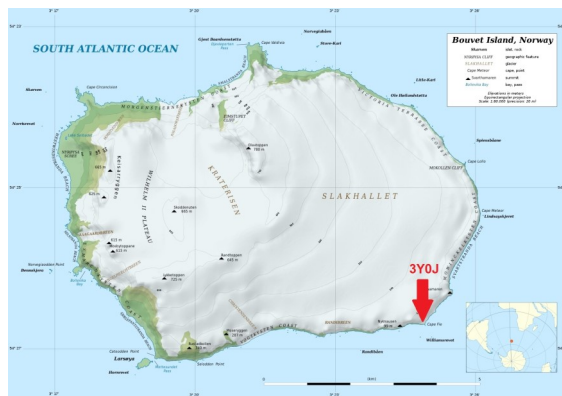
Trying to find Bouvet Island (3Y/B) on a marine chart, a tiny speck of land in the vastness of South Atlantic Ocean, located far away from the shipping routes, is not an easy task. Situated 1700 Km North of the South Antarctic (Queen Maud Land) and 2500 Km South of Cape Town, South Africa, it is one of the four DX entities that are Norwegian overseas territories, together with Peter 1 Island (3Y/P), Jan Mayen (JX), and Svalbard (JW).

At 50 square Km, Bouvet Island is half the size of Manhattan.

This barren land covered only by some lichens and mosses, is inhabited by about 5k penguins and over 65k fur seals. No human lives on Bouvet Island. Since 1977, on the west part of the island, there is a Norwegian meteorological station (built in a shipping container), which was last rebuilt in 2014 after an earthquake destroyed the previous building. The meteorological station has been fully automated for many years and it is not manned anymore.

Probably the closest humans (400 Km) to Bouvet are the ham operators on the International Space Station (ISS). On Earth, the closest inhabited place to Bouvet, coincidentally, is the most remote inhabited island on Earth, Tristan de Cuhna almost 2600 Km away.

From Bouvet Island to New York, there is a staggering distance of almost 8000 miles.



(Continued on Page 9....)

## Latest DXpedition News

### Bouvet Island 3Y0J

#### 3Y0J DXpedition:

A group of 11 amateur radio operators led by Ken LA7GIA, Rune LA7THA, and Erwann LB1QI are planning to start the journey to Bouvet Island in November 2022 with the goal to stay and operate on the island for a period of 14 to 18 days and make more than 120K QSOs. Bouvet Island is like no other DX entity; it is like the Mount Everest of the DX entities. No other DX entity comes even close to the difficulty of a Bouvet activation. No wonder it is positioned at #2 in the DXCC Most Wanted List, right after P5 (North Korea).

Indeed the co-leaders of 3Y0J apart from their extensive DXpeditioning experience, have a few aces into their sleeve to ensure success and achieve their formidable goal.

The 2500 Km journey to and from Bouvet from the starting point of Port Stanley in the Falkland Islands to 54 degree South latitude, where Bouvet Island is located, means a journey of a total of 45 days of sailing in one of the most frigid and whirling waters of the South Atlantic Ocean. To reach the island the team will be passing the area of the 40 degrees latitude as well as the 50 degrees latitude rightfully nicknamed "The Roaring Forties" and "The Furious Fifties" respectively. And so, the team has chartered the services of the Marama sailing vessel and its crew.



#### The Boat:

Marama is a 101 Feet Oceanic Ketch, (<https://maramaexpeditions.com/en/sailboat-marama/>) a sailing vessel with an aluminum hull, designed and built in France. Marama is an extremely robust expedition sailboat capable of any type of navigation.

Secondly and equally important, Marama's crew is a critical asset for the DXpedition team. The skipper (who is also the owner) of Marama has been doing cold weather sailing expeditions for the past 12 years in North West Passage, the Arctic, South Georgia and Antarctica.

There will be no helicopters involved in landing on the island. Although helicopters would be more convenient, they are unfortunately heavily weather dependent, and could be prevented from flying by the clouds and the dense fog which often form above Bouvet. And waiting for good weather to land a helicopter is not a good approach, considering that there are in average a number of 300 storms a year on Bouvet Island. People have landed on Bouvet by boat for hundreds of years and with careful planning and preparations, our team will plan to do just that.

The plan is to land on the island, setup the camp and stay on the island for 20 days. Due to the difficulty of landing, the radio team will not leave the island until the end of the DXpedition. The Marama crew, will prepare aboard the vessel hot meals for the radio team and weather permitting, attempt to deliver the food to the island. But, it is estimated that for a good portion of the stay, the Marama crew will not be able to deliver the food due to bad weather and as such the team will have Meals-Ready-to-Eat (MRE), military style food, readily available to be served for most of the stay on the island.

Last, but not least, the team leaders had put together a relatively young team, which in addition to being good operators and experienced DXpeditioners, would be able to cope with the physical challenges that await on Bouvet; from loading and unloading equipment onto/from the Zodiacs then carrying the equipment to a higher ground level to avoid the marine life (i.e. seals and penguins) on the beaches, and setting up the camp/tents and finally setting up the multitude of antennas necessary for the radio operation. All these will be happening while coping with our number one challenge: the weather. The team will be exhausted before even making their first QSO. Physical condition is as such part of the team preparation and strategy before the journey to Bouvet.



(Continued on Page 10....)

## Latest DXpedition News

### Bouvet Island 3Y0J

#### Safety:

Safety planning has started with choosing Marama as the transportation means to get to the island. Its experienced crew with many previous trips to the cold and harsh climate, know exactly what a DXpedition team needs and what is the safest way to achieve that.

As a top priority, the DXpedition team leaders have decided to add two doctors as part of the team, both with extensive emergency medicine experience: Dr. Mike Crowover (AB5EB) and Dr. Bill Straw (KO7SS). There is no hospital or medical facility of any kind available for thousands of miles and although safety procedures and rules are set in place for the team members to follow, having not one but two doctors in the team is a welcome cautionary safety strategy.

There are no perfect anchorage places around Bouvet Island and as such during bad weather Marama will have to battle the constant winds with its sails and engines to be able to stay stationary, in the vicinity of the island, to be ready if needed at any moment, thus ensuring the safety of the team. This is also a requirement imposed by Norwegian Polar Institute (NPI) as a condition of the landing permit approval.

The logistics sub-group is currently analyzing and comparing the different models of polar-grade tents available on the market. In addition to the polar gear (sub-zero parkas) for each team member, a sturdy tent setup that can withstand the harsh weather on Bouvet is a prime step towards a safe environment for the team.

#### Equipment:

Choosing antennas for Bouvet is not a trivial task. The gusts of wind often reaching close to 100 miles/hour and low temperatures pose a serious challenge for antennas and masts, and many of the off-the-shelf products won't survive the harsh weather on Bouvet.

As such, the antenna sub-group, has teamed up with Innov Antennas, who will provide sturdy, easy to assemble and yet performant beams for the high bands, made of high quality, strong aluminum.

DX Engineering, a poster company name in the ham radio world, and a supporter of all major DXpeditions, will assist the team in designing as well as providing low band TX and RX antennas in addition to other major components such as Rohn masts and the reliable 4O3A high power filters.

Elecraft has announced that it will be the exclusive 3Y0J supplier of the radio equipment and will provide 8 of their top of the line SDR products: the Elecraft K4D radio.

The light and performant 1.3K-FA amplifiers as well as the Radiosport headsets will be an integral part of the 8 stations.

The antenna farm and radio setup will provide the ability to work multiple continents in the same band and in the same time, with multiple beams pointing to multiple continents. During good propagation times, the 8 radio setup will provide the ability to work multiple operating modes in the same band and in the same time.

Each piece of equipment from radios, antennas, power supplies, generators etc. will have a backup in place to ensure an uninterrupted radio operation in case of equipment failure, a first step towards the goal of putting in the log over 120K QSOs.

We will operate on 10M through 160M including 60M in CW, SSB, RTTY and FT8 but our main focus will be on the "human" modes.

There will be no real time logging because the current Inmarsat satellites barely cover that area of the ocean and thus the team's Internet connection will be slow and unreliable. As such, the team is planning to have a daily log upload to ClubLog through an Inmarsat BGAN terminal and give log search capability through Charles Wilmott M0OXO website (<https://www.m0oxo.com/3y0j-bouvet-2023/>), who will also carry the duties of QSL manager for 3Y0J.

There is a new player in the satellite Internet business, a company called StarLink. Their low cost and high Internet speed is amazing and it will certainly be a welcoming tool for DXpeditions to remote places. Although StarLink has announced plans of launching new satellites to cover the area of the ocean where Bouvet Island is located, we don't know for sure if that's going to be available in November 2022.

*(Continued on Page 11....)*

## Latest DXpedition News

### Bouvet Island 3Y0J

#### Preparations:

The co-leaders of the DXpedition have been already involved with this project for almost 2 years working closely with the Norwegian Polar Institute (NPI) and well as with a very experienced off-island team of 5 Norwegian professionals and experts, former researchers and captains, many of whom have been to Bouvet for several seasons and who have stayed anchored at Cape Fie (our landing site, the same landing site used in the past by the first Bouvet DXpedition) , and who have done Zodiac landings there and thus are familiar with and know very well the waters around the island.

It is the knowledge provided by the NPI and the polar experts that have convinced the team leaders that it is feasible and safe to land on Bouvet at Cape Fie.

The DXpedition is now about 12 months away but although this sounds like a lot of time, there is much to prepare. Bouvet Island is like no other DX entity: it is hard to reach, hard to operate from and expensive to get to. The team must prepare to make sure everything works smoothly like clock work.

Currently the international 3Y0J team is staying in constant contact through a chatting platform and video meetings take place often on the Zoom platform. Each team member has a unique set of skills and able to contribute to the design and implementation of the intricate logistics that needs to take place in order to get such a complex project off the ground.

There are also a multitude of meetings that take place between equipment vendors/sponsors and the team to ensure that even the finest details are understood and implemented properly.

The four Norwegian team members will test the DXpedition antennas in the harsh conditions of the upcoming Norwegian winter, leaving no stone unturned for the preparation for Bouvet.

After the Visalia DX Convention in 2022, a good portion of the 3Y0J team will gather at a staging ground in Norway, where each and every piece of equipment will be assembled, tested, labelled and packed in a container that will leave Oslo, Norway for its long journey by sea to the Falkland Islands.

This approach ensures that all equipment will be easily reassembled on Bouvet, with the minimum effort, in the correct sequence and in the most efficient way, following proven techniques used during previous DXpeditions.

#### Past Activations:

Bouvet Island has been activated multiple times over the years, by Norwegian NPI scientists, weather station operators, technicians visiting the station for repairs and maintenance such as John Snuggerud LA1VC (SK), an NPI Scientist, who activated Bouvet twice.

But the majority of these past activations have generated few QSOs. The only DXpedition to have ever activated Bouvet in the past was 3Y5X in 1989, when the 5 operators (LA1EE, LA2GV, JF1IST, F2CW, HB9AHL) made 47K QSOs in 16 days.

In addition, Charles Brady N4BQW (SK), a Navy captain and a NASA astronaut, has managed to make 8K QSOs, mostly SSB, during his 2 month stay on the island as 3Y0C.

For their service to the ham radio community, both John Snuggerud and Charles Brady are Honorary Team Members of the 3Y0J DXpedition.

It is now easy to see why this entity is so rare. With a promise of making more than 120K QSOs, 3Y0J will be able to satisfy a significant portion of the worldwide demand for this entity. In addition, considering that we are in the upper trend of the current solar Cycle 25, propagation will improve significantly by November 2022 and thus, this goal is certainly doable.

- 1977 3Y3CC 28 QSOs
- 1977 3Y1VC 27 QSOs
- 1978 3Y5DQ 550 QSOs
- 1978 3Y1VC 1930 QSOs
- 1989 3Y5X 47000 QSOs
- 1997 3Y2GV 200 QSOs
- 2001 3Y0C Charles Brady Jr. (N4BQW) 8000 QSOs
- 2007 3Y/ZSGCM

*(Continued on Page 12....)*

## Latest DXpedition News

### Bouvet Island 3Y0J

#### Budget:

The DXpedition team leaders have put together a budget of US \$650K. This is a steep price tag and it will make the 3Y0J the most expensive DXpedition ever!

The vast majority of this budget (\$650K) will go to the Marama vessel and crew as well as in purchasing the significant amount of (expensive) fuel necessary for a 45 day voyage and stay on the island.

In addition to being away from work and family for over 45 days, each 3Y0J DXpedition member contributes US\$20K to the DXpedition budget. The rest of the budget money will come from the amateur radio operators, clubs and foundations around the world.

Northern California DX Foundation (NCDXF) is the single most important supporter with \$100K. Other organizations such as INDEXA and many other foundations, clubs and individuals around the world have already significantly contributed to our budget. Zorro Miyazawa (JH1AJT), who has always been an avid supporter of important DXpeditions, is our biggest individual donor. Many JA operators and clubs have shown their support as well.

Please visit our website ( [www.3y0j.com](http://www.3y0j.com) ) and Facebook page ( <https://m.facebook.com/groups/3093983840726129> ) for more details and to support our DXpedition.

We are counting on your support just like you are counting on us to put you in the 3Y0J log!

This DXpedition will certainly be a true adventure and an exhilarating experience for the team. But beyond the staggering views, the experience of seeing the beauty of space, cold and silence that await the team during the journey and on the island, the 3Y0J team is ready to bring a new one (ATNO) in the logs of as many ham operators around the world as possible.

When people mention Bouvet they speak only with superlatives: the most remote island, the loneliest place on earth, the island battered by the most extreme weather.

Our team's plan is to add another one: the most QSOs in human modes as possible for the 20 days on the island!

The 3Y0J Bouvet Island DXpedition is coming soon to a radio near you. Are you ready?

73,  
Adrian  
KO8SCA  
New York

### Crozet 2022/2023



As of November 18th via their Twitter (@crozet2022) ...  
"Working hard on website (thank you, translators) and sponsors... 73 "

**INDEXA is a proud supporter of these DXpeditions**

# Club Log DX Report

Band	QSOs	% DX	Graph
160M	28,309	15.49	
80M	95,572	13.30	
60M	19,923	33.63	
40M	175,925	26.40	
30M	59,103	49.22	
20M	141,783	41.84	
17M	60,296	63.67	
15M	112,999	62.11	
12M	40,108	64.06	
10M	23,358	60.40	
6M	1,745	5.04	
4M	193	0.00	
2M	6,297	5.81	

Rank	Prefix	Entity Name
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.	FT5/X	KERGUELEN ISLAND
11.	FT/G	GLORIOSO ISLAND
12.	VK0M	MACQUARIE ISLAND
13.	YV0	AVES ISLAND
14.	KH4	MIDWAY ISLAND
15.	ZS8	PRINCE EDWARD & MARION ISLANDS
16.	PY0S	SAINT PETER AND PAUL ROCKS
17.	PY0T	TRINDADE & MARTIM VAZ ISLANDS
18.	KP5	DESECHEO ISLAND
19.	SV/A	MOUNT ATHOS
20.	VP8S	SOUTH SANDWICH ISLANDS

Mode	% Use	QSOs	Graph
FT8	66.43	511,226	
CW	16.85	129,668	
SSB	12.46	95,865	
FT4	3.52	27,109	
FM	0.26	1,997	
MFSK	0.17	1,280	
PSK	0.06	469	
MSK144	0.05	360	
JT65	0.04	346	
RTTY	0.04	315	
DIGITALVOICE	0.02	163	
SSTV	0.01	96	
AM	0.01	78	
OLIVIA	0.01	52	
All other	0.07	546	



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)



# SAVE on Yaesu Gear!

Use discount code:

## DEX2

Expires 12/31/21. Valid online only. Valid on new Yaesu gear only.

**YAESU**  
The radio



Yaesu FT-2980R



Yaesu FTM-400XD



Yaesu FT-DX101D



Yaesu FT-5DR

# GigaParts

Technology Superstore

## HERE'S AN IDEA: LET'S CREATE SOMETHING SO POWERFUL IT'S BARELY LEGAL.



Find Everywhere



▼ POWER GENIUS XL

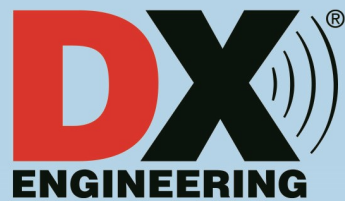


### TURN YOUR RADIO INTO A LEGAL LIMIT BEAST.

Our new PowerGenius XL RF amplifier is exceptionally clean, quiet and delivers full legal-limit power at 100% duty cycles. The only fully SO2R/Multi-Single capable amplifier on the market, it has 70dB nominal isolation between transceiver inputs, diplexed filters, and ultra-fast high SWR protection. Like our entire Genius product lineup, it is monitored and automated through an integral Ethernet connection. Just one more way to help you Find Everywhere. [Flexradio.com/PowerGenius-XL](http://Flexradio.com/PowerGenius-XL)



DX Engineering's Amateur Radio Blog for New and Experienced Hams.



**Your #1 Amateur Radio Source!**

Base, mobile or portable, DX Engineering has the radios, antennas, cable, tools and accessories for everything Ham Radio, and more. Plus, you'll get unbeatable service, expert tech advice, 24/7 ordering, and fast shipping.

**Ordering (via phone) Country Code: +1**

9 am to midnight ET, Monday-Friday  
9 am to 5 pm ET, Weekends

**Phone or e-mail Tech Support: 330-572-3200**

9 am to 7 pm ET, Monday-Friday  
9 am to 5 pm ET, Saturday

**Ohio Curbside Pickup:**

9 am to 8 pm ET, Monday-Saturday  
9 am to 7 pm ET, Sunday

**Nevada Curbside Pickup:**

9 am to 7 pm PT, Monday-Sunday

**DXEngineering.com | 800-777-0703**  
Email Support Anytime: [DXEngineering@DXEngineering.com](mailto:DXEngineering@DXEngineering.com)



HYPERLINKS ARE ACTIVE.

Just click on ads to be taken to their website.

Excursion of the Year 2014-2015  
**K1N**  
Navassa Island DXpedition 2015  
**EXCITING DXpedition Videos**  
10 HD-DVDs by K4UEE  
**Available Now!**  
[www.k4uee.com/dvd](http://www.k4uee.com/dvd)



**INDEXA** Shirts, Mugs, Totes, Hats, Sweatshirts—available from Café Press and special embroidered items and call badges from Gold Medal Ideas, our official outfitters. Just a click away on the INDEXA website under the "Merchandise" tab.

**DXers have a choice!**  
Get a free two week trial of The Daily DX and The Weekly DX and decide for yourself which fits your needs for informing you of all the DX news! Send an email to: [bernie@dailydx.com](mailto:bernie@dailydx.com) or go to [www.dailydx.com](http://www.dailydx.com).

The Daily DX  
3025 Hobbs Road  
Glenwood, Maryland 21738  
Phone: 410-489-6518

**NEW** **DX World Guide (4th Edition)** **NEW**  
by Franz Langner, DJ9ZB  
380 pages in full color detailing over 300 DXCC entities, maps, flags, CQ and ITU Zones. Available in print and CD forms.  
Now published by CQ Communications  
See: [DX World Guide](#)



COMMUNICATIONS & TECHNOLOGY  
**Now in our 75th year!**  
<http://www.cq-amateur-radio.com>