



Bulletin



September 2024

Founded In 1958

Our Next Meeting & Speaker

- Date & Time:** September 19 2024 7:00 PM
Location: Zoom meeting
Speaker: Mickey Baker, N4MB, Director of the ARRL Southeastern Division
Topic: Q & A on ARRL and related topics



From the Prez
(de John Tramontanis, N4TOL)

SEDXC members on the move - DXpeditions coming soon

There are some DXpeditions approaching this fall that should generate lots of activity on the bands, with SEDXC members playing key roles in the operation.

Vanuatu, YJ0VV - **N4VGE** - October 15 – 30

N4VGE team leader, K4NHW QSL Manager



Sao Tome & Principe, S9Z - **N4XP, W3WL, 5B4AQN, K0IR** - November 11 - 20



Rotuma, 3D2Y - **W6IZT, K4NHW, KD4Z, N4GRN** - November 15 - December 4



Note: both the S9Z and 3D2Y will feature a Youth DXpeditioner component, and are sponsored by the Southeastern DX Club.

CQ DX Marathon



DX Marathon

We are now into the 9th month of the 2024 CQ DX Marathon. The goal is to work as many countries as you can in calendar year 2024.

From Club Log statistics, it appears the SEDXC is increasing DX activity in 2024. Perhaps this is due to favorable propagation, interesting DXpeditions, or a focused pursuit of scoring in the Marathon.

The Club League standings on the Club Log site currently show the SEDXC in the 38th position. For the past two years the club has been positioned between the 41st and 43rd spots.

3 - SEDXC members, 2024 to date, have posted contacts with over 250 countries. The 3 members shown below currently topping the list:

N4RJ, Val - 259

WA1S, Ann - 257

K1ZN, Jeff - 257

12 - SEDXC members, to date, have posted contacts with over 200 countries.

29 - SEDXC members, to date, have posted contacts with over 150 countries.

48 - SEDXC members, to date, have posted contacts with over 100 countries

It's not too late to join the SEDXC Marathon team. Every country you've already worked (confirmation not required) in 2024 counts as a point. Just keep working the new ones for 2024 and submit your total score in early January as a SEDXC Club entry.

FT8 Super Fox Keys Issued



The following link from the Northern California DX Foundation provides the current list of SuperFox keys issued by the NCDXF. Thanks to Neil Foster N4FN for the tip!

<https://ncdxf.org/pages/sfkey.html>

Editor's note: YJ0VV is on the list.

HamJam 2024

November 9, 2024

HamJam, is sponsored by the North Fulton ARC and supported by the SEDXC. HamJam is all about supporting youth in ham radio by bringing three exceptional speakers to Georgia. These speakers will share their experiences and opportunities with youth in ham radio. All proceeds from the thousands of dollars of donated radio equipment and raffle sales will go to the advancement of youth in ham radio. Come out on November 9th to support this effort!

HamJam 2024

Presented by North Fulton Amateur Radio League

Admission is free!!

Saturday, November 9, 2024 8:00AM - 1:00PM

Preston Ridge Community Center

3655 Preston Ridge Road Suite 100, Alpharetta, GA 30005

September Zoom meeting, on Thursday, September 19th at 7:00 PM.

I look forward to seeing you all then. Here is the link for joining the Zoom event:

<https://www.sedxc.org/sedxc/zoom/index.htm>

73 John N4TOL



[SEDXC Elmers Link](#)



VP Corner de K4NHW

(de Nathan Wood, K4NHW)

It was great seeing many of you at Huntsville! It was refreshing to see that many of you made the drive to the hamfest. The Huntsville Hamfest board is pleased to announce that the 2024 Hamfest set a new attendance record of 5981! I am already looking forward to going again August 16-17 in 2025! This is always one of my favorites.

St Paul Island is now QRT! It was an amazing operation from some skilled operators. This, of course, was an ATNO for me as well. In the end, I got them on 17 band slots.

Presentations

Kevan Nason joined us last month as our guest speaker. He covered the program HFTA in depth and covered take off angles of various antennas. This topic assisted me in predicting “the more bang for my buck” when installing my tower. I hope you got something out of it as well.



For this month's club meeting, Mickey Baker, N4MB, has agreed to join us as a guest speaker. He is the Director of the ARRL Southeastern Division. He will be with us and available to answer any questions that you have about the league and related topics.

Mickey is an active amateur radio operator, licensed since 1970 as WN4PPI. I'm a Life Member of ARRL and have been a member 46 years. I'm a veteran of the US Army. As a trustee for a number of repeaters, he has experience with FM, D-Star, DMR, Allstar, Fusion and other linking systems. He's built and operates a great HF station with antennas on a small farm in Palm Beach County, FL, where he has capabilities from 160m to 2.4GHz. He's worked in technology his entire career as

an engineer, a manager, a director and CIO. About half of his career he's worked for technology companies in development, marketing and sales organizations and about half as a consultant and an IT manager. Although he's currently CIO for a municipal government, he's specialized in consulting for Continuity of Operations and have developed working DR and COOP plans for some of the largest organizations in the world.

He's worked in public service, often working with local governments in communities where there is activism and politics. He has navigated within these complex relationships to achieve significant change for the betterment of all. His style is non-confrontational and non-combative. He uses respect for experience, intellect, knowledge and hard work to achieve respect from others and cooperation to achieve common goals.

He has a wonderful wife, two millennial (now in their 30's) offspring, three grandsons and am an energetic 69 years old. We have Labrador Retrievers at home, AKC Champions that have a couple of puppy litters every year.

Bring your questions and concerns!

The zoom credentials can be found at the top of the front page of sedxc.com.

Nathan, K4NHW

Support Youth Participation on DXpeditions and Remember Bob K4UEE

SEDXC has partnered with the International DX Association ([INDEXA](#)) to remember [Bob Alphin, K4UEE](#). Bob wished to promote and support youth in DXing & DXpeditioning. To those ends, INDEXA has made this a goal and SEDXC has partnered with INDEXA through a one-year match of our members' contributions to INDEXA in memory of K4UEE and acknowledgement of his goal.

On July 1st 2025, INDEXA will inform us of the total amount of SEDXC member contributions to the K4UEE fund. In this coming program year's SEDXC budget, we will set a match figure for what we can match up to. If you wish to participate, here is what to do:

Go to: [INDEXA Application](#)

Click the "Donate" checkbox.

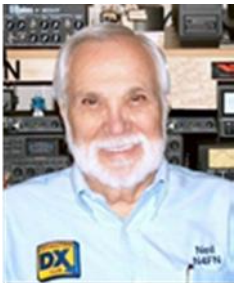
Complete the basics, name, address, call, etc.

Under REMARKS, indicate that you are (1) a member of the Southeastern DX Club, & (2) you wish your donation to go to the K4UEE Memorial Fund

Click SUBMIT FORM

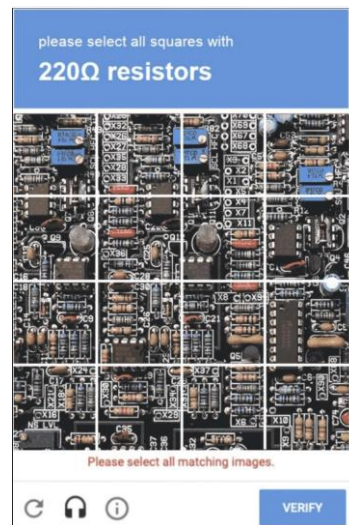
Any questions? Click [HERE](#) to email me.

Thank you very much, 73 & GUD DX, Jeff / K1ZLN, Treasurer



May Humor

De Neil Foster – N4FN





Treasurer's Journal *(de Jeff Cantor, K1ZN)*

Greetings, Fellow DXers!

TREASURER's Report – September 2024

TREASURER's Report – September 2024

- Checkbook Balance on September 1st: \$12,711.18
- Payments Made, month of Augst 2024:
 - o Stone Mountain Hamfest Table - \$58.
 - o Condolence Card – N4XY - \$1.07

Attached to the Newsletter are two DXPedition Funding Requests, (1) from Tom Harrell, N4XP to activate S9 – San Tome & Principe; and (2) from DK6SP for the Republic of the Marshall Islands (V7X).

Please note for S9Z:

- is Most Wanted – North America, East Coast # 147
- - Globally # 123
- was last activated in 2018 & has no resident amateurs
- This is a 14-person DXPedition with three SEDXC members – N4XP, K0IR & RZ3AA & one youth member – 17 yrs old. All experienced DXPeditioners.

- Focus will be on giving San Tome & Principe to as many hams as possible.
- Dates are November 10th to November 20th 2024
- San Tome license is granted
- Operating conditions are six Icom transceivers; 4 amplifiers; 3 hexbeams; 1 EME station; LB verticals; 6M beam; etc.
- An analysis of SEDXC ClubLog participant log data (sample of 25 of 100 participants) shows that:
 - o This would be an ATNO for 6 SEDXC members
 - o For sample have only 1 or 2 bands confirmed -= 7 of us
 - o Remaining 12 would be a band-fill

The EC makes a recommendation of \$500 on this application.

For V7X:

- Most Wanted – North America, East Coast # 110
 - Globally # 96
- Was last activated in 2024 by V73ML
- This is a six person DXPedition with five youth members ranging from 21 to 26 yrs old. Yet, all experienced DXPeditioners.
- Focus will be on giving The Marshall Island to as many hams as possible – target 60,000 QSOs all modes w/ livestreaming to ClubLog.
- Dates are 11th thru 23rd February 2025
- License not needed; call sign in negotiation.
- Operating conditions are 4 transceivers on simultaneously; several VDAs & Verticals, plus multi-band Spiderbeam & DXCommander. Inverted-L on 80M.
- OQRS QSLs – free bureau, daily LoTW.
- IOTA OC-029
- An analysis of SEDXC ClubLog participant log data (sample of 25 of 100 participants) shows that:
 - o This would be an ATNO for 7 SEDXC members
 - o For sample have only 1 or 2 bands confirmed -= 7 of us
 - o Remaining would benefit from a band-fill

The EC makes a recommendation of \$500 on this application

73s & GUD DX,

Jeff / K1ZN, Treasurer

FYI

Hi Jeff:

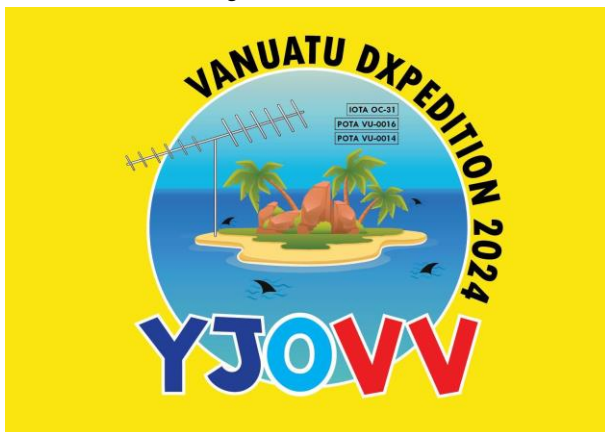
Just getting to old emails (N5J was a very long trip).

Thanks to the SEDXC for their generous support of our RIB project.

Please thank your members and hope they all made it into the K8R and N5J logs this summer,

Don
N1DG
NCDXF Treasurer
Don Greenbaum
27 Pill Hill Ln
Duxbury, MA 02332
781 424 5978

Final Prep Underway for Vanuatu DXpedition



Four hams are packing over 500lbs of equipment in suitcases and making their final plans for a DXpedition to Vanuatu, a small island nation between Australia and Fiji. Expect to hear them on the air from October 16 through October 29. They will be operating two high power stations with a choice of seven antennas. There is room for one or two more hams in their luxury villa located on a South Pacific beach. If interested please contact Van as soon as possible at vanherridge@gmail.com.

The hams are John Schroeder, K4QQG / YJ0JS, from Hilton Head, SC; Nick Maslon, K1NZ / YJ0NZ, from Monson, MA; William "Savo" Savacool, K2SAV / YJ0SA from Schenectady, NY; and Van Herridge, the team leader, N4VGE / YJ0VV, the SEDXC Editor from Charleston, SC. The QSL Manager is Nathan Wood, K4NHW, the SEDXC Vice President will oversee live uploads to Clublog and coordinate QSL cards.

Planning for this DXpedition started in 2022 with plans to concentrate on SSB and participate in the 2024 CQ WW SSB Contest on October 26-27 as a high power M2 designation using the callsign YJ0VV. Antennas are: 10-160m full size inverted V, 6-20 BuddiHex, 40m phased vertical array, 15m 5/8 wave vertical, 80-160m receive only pennants, 160m sloper, and a 1040m DX Commander Expedition.

In addition to operating as a DX station we will have the opportunity to operate at several POTA and IOTA locations. If interested contact Van, N4VGE / YJ0VV, as soon as possible.

Van Herridge N4VGE / YJ0VV

843-303-1885 vanherridge@gmail.com

Around The Shack *(de Hal Kennedy N4GG)*



By Hal Kennedy N4GG – September 2024

Range Finding

Last month's column discussed four ways to determine the length of a dipole. Mentioned was pacing off distances in the woods in search of trees to serve as supports. If you've done this you know it can

be a chore. Beyond about 50 feet, tape measures are unwieldy in the woods and pacing will only take you so far (pun intended). A 160-meter dipole is 260 feet end-to-end. Pacing 260 feet in the woods is

more that I'm willing to do on a summer day in Georgia. There must be a better way.

Fortunately, there is a better way. One that will not only measure horizontal distances (from one tree to another) but also vertical distances to potential support limbs. Figure 1 shows a laser rangefinder that accurately measures distances up to 65 feet and fits in the palm of your hand.

I bought mine after watching a real estate agent use one to measure the dimensions of every room in a large house, in a few minutes. The figure shows me measuring the distance to a wall, 11' 9" away. Note the precision. The device measures to 1/16 th of an inch. Per last month's column, this is more precision than needed for measuring trees in the woods, but laser-based devices provide precision whether you need it or not.

Figure 2 shows me measuring the distance to a tree 40' 8" away. The rangefinder shown in Figures 1 and 2 is a Bosch model GLM-20. Bosch no longer makes the GLM-20, but they make many others with various capabilities at various price points. Their low-end model is now the GLM100-23 (Figure 3) which measures to 100 feet and costs \$50 at Amazon. Moving up is the model GLM165-40 (\$69) (Figure 4) which measures

to 165 feet and the model GLM400, (\$210), (Figure 5) which measures to 400 feet.

Bosch is an established, high-quality brand. There are many competing devices from no-name companies with prices starting at \$20. Check Amazon. At \$20 I would buy one even if I had no need for it. At \$20 it's too cool a gadget not to have one for myself and the grandkids to play with. Also, it may come in handy someday. This is how hams think. This is how basements fill.

The downside of inexpensive laser rangefinders is the flea power of the laser. Inside a house it's easy to see the red laser spot on a wall - you know where you're aiming. Even 50 feet away the spot is easy to see. Outdoors in bright sunlight it's a different story. The rangefinder can see the reflected laser spot better than you can, so the devices can still be used, but as distance grows the ability to aim the device without seeing the spot becomes more difficult.

More expensive devices have brighter lasers and better optics to receive the reflected laser spot. High-end models also have built-in cameras. The GLM400 (Figure 5) includes a camera that's bore-sighted to the laser. The camera enables pointing the rangefinder in bright daylight without the need to see the laser spot.

All of the units mentioned will display in either metric or imperial units - it's user selectable. I usually use my native measurement system (imperial) but there are times I set my rangefinder to display in meters. Thinking back to last month's column, one wavelength on 40 meters is 40 meters. A 40-meter dipole is one-half wavelength long end-to-end, i.e., 20 meters. For me it's more intuitive to look for supports 20 meters apart vs. 66 feet apart.

If you search for rangefinders on Amazon will see devices designed for golfers. These range from \$49 from no-name companies to over \$350 for top-of-the-line units. Figure 6 shows one of the \$49 ones. These have two distinct apertures. One is for the laser exit-beam, the other is the front optic of a spotting scope for sighting. These

73,

Hal N4GG



Figure 1. A Bosch GLM-20 measuring distance to an interior wall. Maximum capability is 65 feet.



Figure 2. A Bosch GLM-20 measuring the distance to a tree.

devices make it easy to see where the laser spot is terminating when you can't see the spot with your eyes. You simply look through the scope to aim.

Range capability of 1,000 yards or more is *claimed* for these devices, but that's based on working in conjunction with retro-reflectors mounted on the pins marking the holes on a golf course. User reviews don't support the range claims, but the devices' performance will exceed what pocket-sized units can do. While there are no retro-reflectors on trees in the woods, these rangefinders should perform well for antenna work. I have not tried one, but I'm mulling over making a purchase. I don't need one of these, but one will come in handy for something, sometime. I tell everyone I'm in the post-acquisition phase of my life. I tell everyone except myself.



Figure 3. A Bosch GLM100-23. This device measures up to 100 feet.



Figure 5. A Bosch GLM400. This device measures up to 400 feet.



Figure 4. A Bosch GLM165-40. This device measures up to 145 feet.



Figure 6. A typical golfer's rangefinder with spotting scope. *Claimed* capability is 1,000 yards. \$49 at Amazon.

SuperFox Key Application



Current list of SuperFox Keys issued by NCDXF

Last updated September 10, 2024 @ 1900 UTC

SuperFox Keys : SFKeys

Issued SuperFox Keys				
Callsign	Owner	Entity	Start Date	End Date
K8R	George Wallner AA7JV	American Samoa	7-Jul-2024	28-Jul-2024
N5J	George Wallner AA7JV	Jarvis Island	7-Aug-2024	20-Aug-2024
CY9C	Craig Thompson K9CT	Saint Paul Island	26-Aug-2024	5-Sep-2024
VP6WR	Bill Rothwell G0VDE	Pitcairn Island	5-Sep-2024	22-Sep-2024
C21TS	Phillip Hardstaff C21TS	Nauru	6-Sep-2024	28-Feb-2025
ZD9GJ	Lance Collister W7GJ	Tristan da Cunha	10-Sep-2024	27-Oct-2024
YJ0VV	Nick Maslon K1NZ	Vanuatu	14-Oct-2024	30-Oct-2024
5R8CI	Leszek Przybylak SP6CIK	Madagascar	22-Oct-2024	6-Nov-2024
3D2AG/P	Antoine N'Yeurt 3D2AG	Rotuma	TBD	TBD

SFKeys



Greetings from the Editor

Check SEDXC's website to see the latest club information.

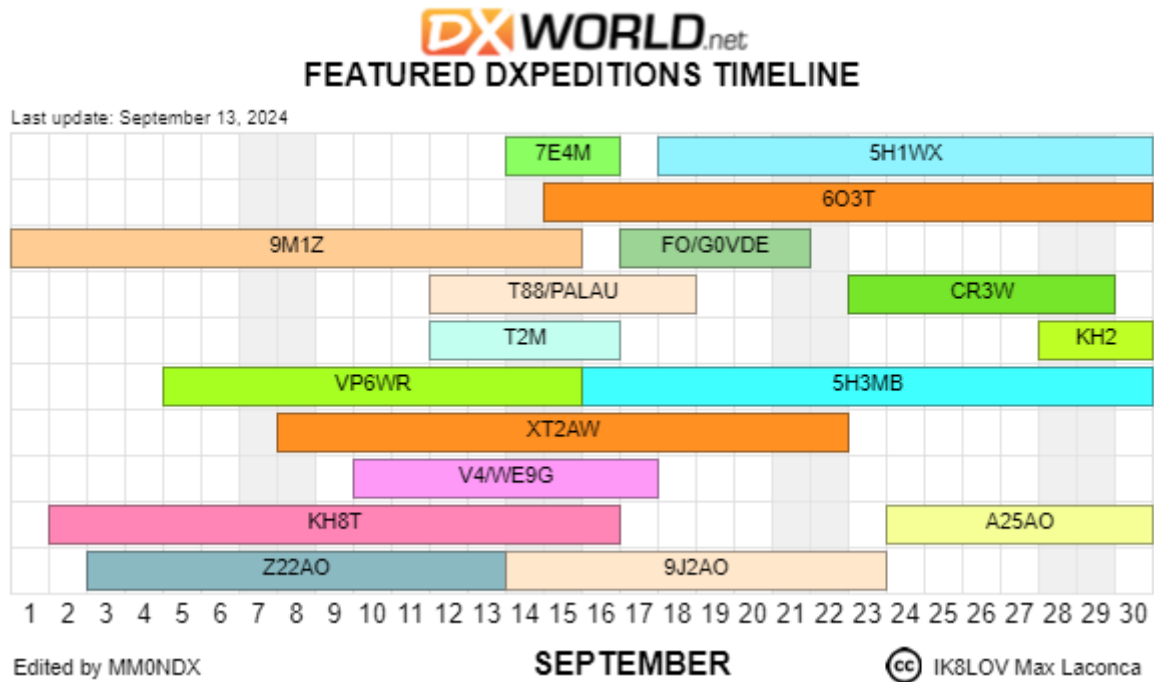
www.sedxc.org

See link below for the SEDXC Bulletin from 25 years ago.

<https://sedxc.org/sedxc/bulletins/sedxc0999.pdf>

See the end of this Bulletin for the SEDXC Bulletin from 25 years ago.

The *DX World* Calendar/Timeline for September 2024



The *DX World* Calendar features a timeline of all DXpeditions anticipated for the current month and is a great way to plan your chase for the next, All-Time New One (ATNO). The Calendar is updated regularly; use this link to see the latest version: https://www.hamradiotime-line.com/timeline/dxw_timeline_1_1.php

SEDXC Officers & Positions

John Tramontanis, N4TOL – President – iam4rb@gmail.com
Nathan Wood, K4NHW – Vice President -- nathan.wood23@gmail.com
Joel Levine, WA4HNL – Secretary -- jlevine@bellsouth.net
Jeff Cantor, K1ZN – Treasurer -- jacantor9@gmail.com
Don Deal, KK4E – Activities Manager - radio@landru.net

SEDXC Appointed Positions

Chaz Cone, W4GKF – Webmaster – w4gkf@chazcone.com
Jason Kitchens, KV4TE kv4te@att.net
Van Herridge, N4VGE – *SEDXC Bulletin* Editor – vanherridge@gmail.com



SOUTHEASTERN DX CLUB W4NT

THE
SOUTH'S
PREMIER
DX CLUB

September 1999

MEETING TIME & LOCATION K4PI reported that most people made a contact. Tues., Sept. 21st, 7:30 PM, TECH AMERICA, just in the Georgia QSO Party (GQP). He reminded north on Buford Hwy north of I-285. everyone to get your cards in to Neil, K4EA, by

September 1 to be eligible. Any suggestions or post-September 1 to be eligible. Any suggestions or post-PRESIDENT'S CORNER Sible dates for next year's GQP should be forwarded to

John, K4BAI. There will be 11 plaques awarded this year. -Mike Greenway, K4PI

QSL cards:

XUIA and ZL9CI have started to Hope everyone had a good August. Pretty roll in. Harry mentioned that he needs XW, mainly on uneventful in the DX department again. I ended up 17, but will take one ANYWHERE.

with a flu and am trying to shake it off.

Old business: Jim, AD4J, thanked John,

I am planning a program this month about a K4BAI, for his work organizing the Georgia QSO DXpedition by the Southeastern DX Club 20 years party. Phil, W4GTS, stated that he enjoyed the colago. A world record was set in the multi multiumn by Dick, K2UFT, on the GQP.

category which stood as a world record for a while and New business: Rick, N4XMX, announced today still stands as a North American record. If it is that his XYL, Martha, now proudly sports the callsign broken this would be a year to do it as in 1979 we wc1KG4EHB.

V47. I think you will find this An excellent program was given by Gary, an interesting program as there was a lot of logistics K9AY, on receiver performance,

including dynamic involved in this operation. range, noise levels, effects of attenuation, and signal. I noticed that the flux is on it's way back Lili0-noise ratio.

again on its 27 day cycle. Start planning on the CQ The meeting was adjourned at 8:50 p.m. WAV Test as they are just around the corner and they -Rick, N4XMX are a good chance for filling in some of the blanks on

the band countries. Tech America is changing their name from what we were told this last meeting. Thei1TREASURERS REPORT new name

there. 73 Mike Greenway, K4PI, P491

SEDXC MINUTES 7/20/99

-Rick Glisson, N4XMX

will be RadioShack.Com. I don't how quick the new sign will be put up. Hope to see you -Nancy Draheim, NK4U

new job takes me out-of-town on a moment's notice.

The meeting was called to order by Mike But I love it... I'm getting to visit all the old court Greenway —K4PI at 7:33 p.m. with 17 members present. houses in the State. A lot of them barely have electric K4PI passed around the sign-in roster. Mike ity and they want to have computer networks installed. also reminded everyone to get their DXCC applica- Challenging to say the least.

tions in by September I in order to make it into the

See you at the meeting.

DXCC yearbook. 73, NK4U Treasurer MORE FROM GA QSO PARTY on the way up only from Lumpkin county because we didn't get up there until 10:00am.

From the trenches in the GA QSO Party. After mowing the grass, I cooled off by work-

N6MU :(@N6NB) Operator : N6MU, Category : ing some folks as K4AAA from my station in the

Single Operator, High Power mountains. Worked 20M CW, 20M SSB, and some Default Exchange : 59(9) CA, Final Score — 85822 15M on both modes. I worked LY3BA on 20 and 15 points. on both modes. No other station accomplished that

What a frustrating weekend! All those mobiles with me. Although K9WA was ever present on CW. and conditions were so poor that half the time I On the way home I worked some more as couldn't hear them, especially on 20. CW was mar- W4AN/M from Lumpkin, Dawson, and Forsyth couniginal and SSB was usually impossible. Sunday was ties and a few QSO's as W4AN[M from Forsyth and basically spent tracking Norm, W3D YA, John, K4BAI, Dawson.

and Pat, W5WMU, as they changed counties and I worked darn few Georgia stations. I rememhoping I could hear them (many times I couldn't). ber AD4J, KS4Q, and a couple of others. I worked no Kudos to all the mobiles, the backbone of any good Georgia mobile stations. I also got to talk to Rick in state party. I sure wish Pat, W5WMU, would have Italy at the station of 12UIY. It sounded like they were given his county when he called CQ like John andhaving a good time sipping wine and operating the Norm were doing. I continually had to ask him whereradio. BTW Rick. I was power dividing between 3 he was as he was changing frequently and it wouldantennas (SE, NE, and W). Part of the reason I wasn't have saved us both a lot of time. Ah what could haveoo loud the first QSO.

been with decent conditions. 73.. John, N6MU W4AQL: Club or Team Name: Georgia Tech ARC KN4Y: Thanks John, K4BAI, and all for allowing a Comments: Well, being a student at what is, Florida panhandle (Carrabelle) mobile to run around IMHO, the premier institute of higher learning in Georgia during the QSO party. I did not get stoppeckKGeorgia, if not the United States <g>, I figured we at the boarder, but my VISA was current and I had ha&ould be in our state's QSO Party. The most experiall my booster shots, I ran Saturday in 13 counties.ence any of us had with contests was some light CW three less than planned. My route was longer than IOand a well-led

multi-op Phone Sweepstakes from hours. I did not run Sunday. If invited again next year! 998 when we didn't do that poorly in the phone I plan to spend the night in Georgia and do the holeompetition. Well, we jumped into the contest with party. I spent most time on 20 and 15 meter. Did noboth feet and really had a great run with it. We were work any other mobile even after I went to 40 metersable, actually, to work all but 3 of the multiplier in the evening. Their KN4Y filters were working. I sections on Phone and I believe we had over 40 worked a total of 379 QSO's, all CW, 32 multipliersmultipliers on CW^T so that was a definite help. We for a score of 24,256. I was asked to go to SSB, gues-worked quite a few DX stations from Fulton County, I will have to buy a mike, NOT. Thanks again, it waqncL a few others in the surrounding counties, but not a fun trip. Ed KN4Y. many from the more "exotic" ones the rovers were WA4TT: Just wanted to say that my hats off to Johnplowing through. The 3 ops tag-teamed on Phone and and all the rest of the fellows that put this QSO Part\KU4WJ blasted away working Q's and Mul-t's on CW. back together. Seemed like a huge showing of activity Looking at the results now, I can't believe how insane for the first one m many years. I had more fun this timd)ur effort was - we went in hoping to break 20k, maybe than I did as a teenager back in the 60's, operating from 30,000 total. I guess that's the benefit of youth - there the same QTH. And thats hard to believe if you had's still a lot of room for error. I heard K4AAA blasting known me then. Hi Thanks to all who participated —away on 20M for a little while when our mouths CU next time. 73 John WA4TT couldn't form CQ GA QSO Party any more (lesson

W4AN: I must have worked 300 QSO's this weekend. learned - you need a voice keyer for anything more Maybe that is optimistic. I worked some from home- than a few hours). A big thank-you to K4BAI for his with the S-line, 100w, and an attic dipole on 20 meter-scfforts in getting the GA QSO Party together and I as W4AN. This was on Saturday mostly. hope it is as succstUI in the future!

On Sunday Graeme (5 yr old son) and I went t073's tim - KE4QLI —Tim Cailloux my station in the mountains. I operated as W4AN/M

As Hurricane Floyd bears down on my in-laws 3CO - The 14-29 September 3COR DXpedition to house on the coast this week, I am reminded of the Annobon Island (AF-()39) [425DXN 428] IS conpublic service aspects of our hobby. Don't forget to do firm to be on schedule. The team will be leavin your part if possible. Those beams and amps have Sao Tome on Monday (13 September) morning, after some other uses other than DX and contests. collecting the generators, fuel, food and some hardQSO Cards: My Y K on R TTY and XU I A ware which have already arrived there. The team has finally came in! This completes all the outstanding bccn provided with propagation charts for USA cards for new countries. Now to find some new ones West-Mid-East Coast, Caribbean, South America, out there. Some promising items have come across Africa, West-Central-Eastern Europe, Mid Asia, Jarecently. Almost everything I need is a VU4/7, a VK9 pan, Alaska, Hawaii, South Pacific and Australia. or VKO and the FT/G/T/J types. Look for 3COR to be active with four stations on the On the march for 5BDXCC, the 80 meter following suggested frequencies: 28395, 24945, 21295, horizontal loop is up! Signals are 3-5 S units higher 18135, 14195, 7065 and 3799 kHz SSB; 28025, than my GAP big vertical. The noise levels are high 24895, 21025, 18075, 14025, 10105, 7005, 3505 and enough to kick in the attenuator as Gary, K9AY, 1833 CW: 21085 and 14085 kHz RTTY. Six metres preached during his presentation. When the noise activity will depend on propagation (suggested frelevel is S-8, you have nothing to lose by trying it. Iquency is 50110 kHz). The logs will be available on found that the 10 db attenuation made the signals more line after the operation. QSL via EA5FVY either readable. The nice thing about using the built-in direct (Angel Garcia Mendoza, P.O. Box 3045, 03080 attenuation is that you don't have to construct some Alicante, Spain) or through the bureau. The web switching device to cut it back out during transmit. page for the DXpedition is at <http://web.jet.es/lynx/> As far as how the antenna works, I was able to annobon/annobon.htm [TNX EA5BYJ work a LZ the first night. Unfortunately, operator would be welcome: if you CU in the pileups... want to join the team, please contact Stuart at vk8nsb@octa4.net as soon assible. QSL direct to

-73 Rick, N4XMX VK9NS

the LZ has BY - Special event station BTOA is active from the been about the only station I have heard the last couplegeographic centre of Asia starting around until around of nights. Time for a another contest! 08.00 UTC on 13 September. [TNX The DailyDX]

The loop loads up about 2.5 to I S WR at aboutBY - The B17Y DXpedition to Xisha Archi15 ohms on the MFJ. I use a choke balun and tune thQeI-ago (AS-???), previously planned on 8-13 Seprest out with the tuner in the shack. Slack is left in théember 1425DXN 435], has been postponed. On 10 loop so the trees don't pull it apart. September team member BA AJ, currently active as

Thanks to Dick, K2UFT, and Jim, AD4J, for BAI AJ/7 from Hainan Island (AS-094), was heard braving the mosquitoes in the swamp to get this baby saying the operation will take place "next week". E4 up in the air. Anyone who has seen my backyard will- Ayar, OZ6ACD is back in Hebron, Palestine and know that this was no easy task. Thanks guys! plans to operate as E44/OZ6ACD after 17 September.

Mase a few contacts during the GQP. Wished QSL via OZIACB. CTNX The Daily DX]

I could have done more but other commitments had VK8 - Stuart, VK8NSB confirms the operation priority. Did work LY3BA on both SSB and CW! from Melville (OC-173) and Crocker (OC-229) Nice to have some DX get involved. Not sure how toislands will take place on 4-9 and 11-16 November score him so I sent the log in with a note. C425DXN 432]. Team members are Stuart/

The fall contesting season is starting up so get VK8NSB, Peter/VK8PDG, Allan/VK2NNN and Exready and don't be afraid to work a little DX during thetra Class operator Peter/ZL1 HN. Plans are to have contest. My XYL, KG4EHB, and harmonic, KF4YOQ four stations running on 10-80 metres SSB, CW.

will be giving it a shot during CQWW. RTTY. A fifth

**Fill out the form completely and send it to:
Treasurer.SEDXC@Gmail.com**

Entity Name / Call Sign	Republic of the Marshall Islands / V7X (tbd)
Date of Application	26th August 2024
Approx. Date and duration of DXpedition	11th - 23rd February 2025; 12-day operation
Web page	www.next-generation-dx.com/v7 (currently under construction)
Team leader / number of members:	DK6SP (TL) / Total of 6 operators
List name & call of each team member	Philipp Springer - DK6SP (26 y/o) - Lead Sven Lovric - DJ4MX (22 y/o) - Co-Lead Tomi Varro - HA8RT (25 y/o) Jamie Williams - M0SDV (23 y/o) Yannick Hariga - DK1YH (21 y/o) Emir (Braco) - E77DX (50 y/o)
List DXpeditions that each team member above took part in	DK6SP: 3B8M, 4W8X, 5B4AQC, 8R7X, 9A1A, 9H/hc, 9J2LA, A44A, DL1A, EJ1D, ES9C, GW9X, I47B (WRTC 2023), LX7I, OE1W, P40X, PJ2T, PJ4V, TK4W, V3A, Y82D (WRTC 2018), Z66DH, ZC4RH, a.o. DJ4MX: 8R7X, 9A5MX, DA0FF, DP4X, E7DX, ED1R, M6T, N5J, NP4Z, OE1W, TK4W, VP6A HA8RT: 4O0HST, 8R7X, 9A1A, C4HQ, DL1A, ES9C, HG6N, K3LR, LX7I, OE1W, OH5Z, TK4W, Y82D (WRTC 2018), Z312HST, Z66DH M0SDV: 3B8M, 5V7EI, 8R7X, C4HQ, EI7M, EJ1D, I47B (WRTC 2023), M6T, PJ2T, PJ4V DK1YH: ON1YH, WY2H, 9H/hc E77DX: 4O3T, 4O3A, 4U1VIC, 4W1A, 8Q7DX, 9A1P, CN3A, D4DX, D4C, D4Z, ED8X, HZ1HZ, I42B (WRTC 2023), K1N (WRTC 2014), KP4/hc, N5J, OE1A/OE1EMS/OE1W/OE3A/OE3K/OE4K, Y82F (WRTC 2018), T94JJ
QSL manager / QSL route	DJ4MX / Clublog OQRS (direct, free bureau), direct, bureau, free daily LOTW during DXpedition

Funding amount requested – please attach budget & show team’s contribution	USD 500 - Each team member contributes EUR 500 + flight costs Further information on the budget can be obtained from the attached Outline document.
Send Funds to:	Please see the Outline document for further information.
Position on most wanted list – both global & North America – East Coast	Global: 96 NA-EC: 110
Landing permit/operating permission approved (attach copy).	landing permit not needed. / Callsign to be issued shortly, ongoing negotiations for a short callsign (V7X) with the local authorities. A V73(xy) callsign is no issue to get.
Overview of antennas & equipment to be taken on DXpedition	Please see the Outline document for further information.
Last time(s) this entity was activated	2024 (V73ML)
Typical interval between activations	Regularly active with small activities. Though, no national licenses. Big DXPeditions happen around all 10 years.
Method of transportation to DXpedition site	Airplane (United Airlines) + Boat Shuttle to QTH
Your team’s objective / strategy including social objective	The team will aim for 60 000+ QSOs in CW, SSB, RTTY and FT8 modes. Over 2000 of these are intended to be in RTTY. Focus is being laid upon the latest Clublog Most Wanted Ranking. Various parts of the world will profit from the operation. Another priority will be laid upon lowbands operation. The team hopes to profit from the rural QTH and thus the expected lower noise level. A M/x entry within ARRL CW 2025 contest is planned. QSO’s will be uploaded to Clublog and LOTW as often as possible, Clublog livestream and daily free of charge LOTW uploads can be expected if the internet connection is stable enough to do so. The team will try to get in contact with the locals and showcase the hobby amateur radio.
Callsign/Age of youngest Team member	DK1YH / 21 years old
SEDXC member initiating request	No

SEDXC member(s) participating, if any	No
SEDXC logo on QSL card & web page?	Yes
Additional comments:	
Many thanks for considering our funding request. We are looking forward to a positive reply. 73 Philipp, DK6SP	

Internal Use

Date published in the newsletter	
Review/analysis of SEDXC Club Leagues member sample (N=)	ATNO: Band Fills:
Results of member review at the meeting: (approved / disapproved) Recommendation \$_____	Recommended \$_____
Funds disbursed on date:	
Funds disbursed by:	

DXPedition Outline

V7X – Marshall Islands 2025

V1.5 as of 25th August 2024

General Information

Who? – After their successful “8R7X – Guyana 2024” effort, a team of six (6) ambitious DXpeditioners, the next generation for “Where do we go next?”, will be activating the Marshall Islands, better known as V7, in the Pacific. It is also known under the IOTA reference OC-029. The assigned callsign is yet to be determined. We are in good contact with the local telecommunication authority. All the paperwork was submitted recently, and we are optimistic that we will receive the callsign **V7X** for the project soon. Members of the team are all enthusiastic CW, SSB and RTTY operators including knowledge of other digital operations. The allocated international crew will be led by Philipp Springer (**DK6SP** – 26 years). He will be assisted by Sven Lovrić (**DJ4MX** – 22 years) as a Co-Lead. Thus, this DXpedition will be organized solely by youth! They will be joined by Tomi Varró (**HA8RT** – 25 years), Jamie Williams (**MOSDV** – 23 years), Yannick Hariga (**DK1YH** – 21 years) and Emir - Braco - Memić (**E77DX** - 50 years old). The average age of the team is therefore around 27.

When? – The targeted time frame is a 12-day activation between 11th and 23rd February 2025.

What? – The team is aiming to be QRV from 160m to 10m, 50 MHz optional depending on conditions, usage of 5 MHz is under clarification. Moreover, four (4) radios are planned to be operated as much as possible. Please see appendix 1 for further information on the planned setup.

Where? – The QTH, a private island called **Bokanbotin**, is located around 8km north-east of Amata Kabua International Airport (MAJ). Thus, there’s hope for quiet bands. Furthermore, the QTH is located directly at the sea and thus the salt-water. The hosts are happy with the planned antennas for the time of our stay and already offered their support of the activity in any way possible. Please see appendix 2 for further information.

Clublog Most Wanted Ranking – The Marshall Islands are highly sought after by many regions around the world across all modes and bands, due to the lack of national licensees. As of July 2024, the DXCC entity is ranked 96th on the global Clublog Most Wanted list. It is particularly rare in Europe, where it is ranked 56th. It is also in high demand for digital modes, ranking 75th, and for SSB, ranking 81st. Please see appendix 4 for a detailed ranking by continent and mode.

Target – The team will aim for 60 000+ QSOs in CW, SSB, RTTY and FT8 modes. We will upload QSO’s as often as we can, and we hope to livestream our log to Clublog if the internet connection is stable enough to do so.

Budget – The overall budget is set to approximately EUR 49 000 including flights and additional luggage, transportation, accommodation, meals, equipment purchases, QSL cards, etc. Please see appendix 3 for a more detailed view on the allocated money. Every DXpedition team member is asked to cover their own travel expenses. However, as young, and aspiring DXpeditioners, we would be grateful for any support given from the global DX community (individuals, clubs, foundations).

Travel Plan – The team will gather in Hawaii to take a two-way United Airlines flight Honolulu (HNL) to Majuro (MAJ). Transportation by bus and boat within the Marshall Islands is secured by the host.

QSL Service – QSL cards will be provided via DJ4MX. He will be supported by the V7X team members and friends. We will use Clublog OQRS with a **free of charge bureau** and **OQRS direct** option for approximately **EUR 4** to cover the QSL and mailing costs from Germany. Moreover, a **full and free of charge for anybody log upload to LOTW** is planned either

daily or shortly after the end of the DXpedition accordingly. This is depending on the available internet connection at the QTH. A separate QSL service for donors, e.g., foundations, clubs, or individuals, can be arranged upon request.

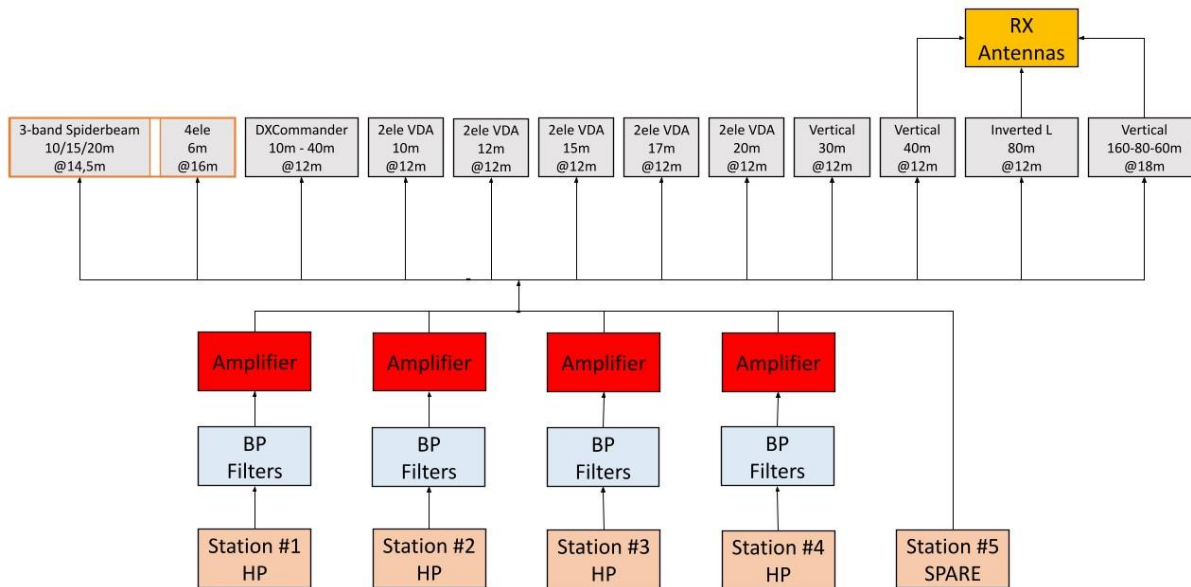
Media Coverage – The team will share plans, updates, and all steps towards the DXpedition as well as operational updates during the DXpedition on their website at next-generation-dx.com (currently being built) and social media, i.e. Facebook and Twitter. Donors will be provided with a written report including pictures of the trip. Interviews and presentations can be arranged with donors upon request accordingly. Distribution of information in regards of V7X towards DX news pages is obligatory.

Funding – The primary source of the allocated budget will be raised through fundraising efforts, along with contributions from team members supporting the project. Material and/or financial assistance from interested parties would be greatly appreciated. Additional funding may cover expenses such as extra luggage fees, QSL costs, and more. The team is thankful for any support that can help make this DXpedition possible. For information on how to contribute, please refer to appendix 5, which includes the team's bank account details.

Appendix 1 Planned Station Layout

The team is planning to run four (4) stations with antennas as shown in the attached station layout. One operator can oversee operating either CW/SSB on one radio and a digital mode on a second radio or using digital modes on both radios. This concept shall provide a workable footprint of V7X in regards to the needed band and mode slots of the Marshall Islands within the worldwide radio community. A fifth radio will be taken as spare and set up if necessary.

The antennas of the attached station layout are arranged in a switchable matrix and thus allowing maximum flexibility for the team. Please note that the antenna selection is not yet finalized.



Picture 1: Advised Station Layout v1.0 – V7X, Marshall Islands 2025.

V7X QTH

The QTH is located on a private island around 8km north-east of MAJ airport and directly on the saltwater as marked in the attached map. The location is called **Bokanbotin Island**. Hosts are very welcoming in regards to our radio DXpedition plans. They offered us to rent their on-site 45 kVA generator to power all stations. Further, they allowed us to use the beach area and palm trees for various antenna installations as indicated in appendix 1. We have reserved all the available accommodations on the island to provide an operating site and resting areas for the operators. The team has already made an initial significant payment to the host for this purpose.



Picture 2: QTH on Map – V7X, Marshall Islands 2025.



Picture 3: QTH and Housing – V7X, Marshall Islands 2025.

3

Estimated Budget

The shown table indicates the occurring costs of this DXPedition. The equipment transport will be accomplished through the purchase of additional luggage pieces with United Airlines. The exact amount of luggage pieces needed will be known after the final bill of materials is ready. Though, we already have the hope to eliminate some of the mentioned lines below as soon as possible to reduce the overall occurring costs.

Budget Planning as of		21-Aug-2024			
Item		Amount	Cost	Accumulated Cost	Info
Flight					
	DK6SP	1	€700.00	€700.00	MUC - SFO SFO - MUC (United Airlines)
		1	€2,000.00	€2,000.00	SFO - HNL - MAJ MAJ - HNL - SFO (United Airlines)
	DJ4MX	1	€700.00	€700.00	MUC - SFO SFO - MUC (United Airlines)
		1	€2,000.00	€2,000.00	SFO - HNL - MAJ MAJ - HNL - SFO (United Airlines)
	DK1YH	1	€700.00	€700.00	MUC - SFO SFO - MUC (United Airlines)
		1	€2,000.00	€2,000.00	SFO - HNL - MAJ MAJ - HNL - SFO (United Airlines)
		1	€150.00	€150.00	DUS - MUC MUC - DUS (Star Alliance)
	HA8RT	1	€700.00	€700.00	MUC - SFO SFO - MUC (United Airlines)
		1	€2,000.00	€2,000.00	SFO - HNL - MAJ MAJ - HNL - SFO (United Airlines)
		1	€200.00	€200.00	HEL - MUC MUC - HEL (Star Alliance)
	M0SDV	1	€700.00	€700.00	LHR - SFO SFO - LHR (United Airlines)
		1	€2,000.00	€2,000.00	SFO - HNL - MAJ MAJ - HNL - SFO (United Airlines)
	E77DX	1	€700.00	€700.00	MUC - SFO SFO - MUC (United Airlines)
		1	€2,000.00	€2,000.00	SFO - HNL - MAJ MAJ - HNL - SFO (United Airlines)
		1	€150.00	€150.00	VIE - MUC MUC - VIE (Star Alliance)
Luggage					
	Included	6	€0.00	€0.00	
	Additional	5	€100.00	€500.00	MUC - SFO - HNL
	Additional	5	€100.00	€500.00	HNL - MAJ
	Additional	5	€100.00	€500.00	MAJ - HNL
	Additional	5	€100.00	€500.00	HNL - SFO - MUC
Accommodation					
	AirBnB #1	1		€4,300.00	Bokanbotin (2-bed)
	AirBnB #2	1		€7,000.00	Bokanbotin (4-bed)
Shuttle					
	Boat	6	€30.00	€180.00	Roundtrip / Head - (1x roundtrip for all 6x OPs)
	Boat	2	€50.00	€100.00	Cargo from boat dock to Bokanbotin and return
	Bus	2	€150.00	€300.00	Rent of bus by host from MAJ airport to boat dock and return
	Airport Fee				Airport departure fee / person [USD 20]
Generator					
	Rent	1	€500.00	€500.00	Use of 45 kVA generator
	Diesel	1	€500.00	€500.00	Fuel for generator
Food & Beverages					
	Prepared food	14	€390.00	€5,460.00	65 EUR / person / day (1 large hot meal + unlimited water/soda supply)
	Groceries	14	€42.86	€600.00	3x shopping trips à 200 EUR
	Supplies	1	€50.00	€50.00	kitchen supplies and toilet paper
Customs					
		0	€0.00	€0.00	no costs known neither in DL nor V7
QSL Cards					
	Print	1	€300.00	€300.00	Printing of QSL Cards
	Envelopes	2	€25.00	€50.00	Package of 1000 pcs. C6 envelopes
	Labels	1	€40.00	€40.00	
	Stamps	2000	€1.10	€2,200.00	paid by OQRS requests
Equipment purchases					
	Radio	2	€1,500.00	€3,000.00	FTDX-10
	Hand Luggage	4	€25.00	€100.00	Hand luggage backpack for radios
	Mast	7	€123.00	€861.00	12m Spiderpoles
	Mast	1	€227.00	€227.00	18m Spiderpole
	Mast	1	€649.00	€649.00	14,5m Aluminium HD Mast
	Mast Acc.	1	€42.00	€42.00	4-hole guy plate set (14,5m Alu HD Mast)
	Mast Acc.	1	€48.00	€48.00	Base plate kit (14,5m Alu HD Mast)
	Mast Acc.	1	€150.00	€150.00	Basic guy ropes set (14,5m Alu HD Mast)
	Mast Acc.	1	€65.00	€65.00	45mm standpipe - 150cm (14,5m Alu HD Mast)
	Mast Acc.	1	€40.00	€40.00	Rotor / Mast adapter 80mm to 50mm
	Wire	150	€1.59	€238.50	CQ-532 wire for VDAs [EUR 1.59 / m]
	Coax	300	€1.30	€390.00	H155 coaxial cable [EUR 1.30 / m]
	Guying	300	€0.17	€51.00	Mastrant-P 2mm [EUR 0.17 / m]
	Guying	200	€0.34	€68.00	Mastrant-P 3,5mm [EUR 0.34 / m]
	Guying Acc.	1	€150.00	€150.00	Accessories for guying
	First Aid	1	€50.00	€50.00	First aid and medical kit
	Shack supplies	1	€150.00	€150.00	Purchase of additional tables, chairs, etc.
Photo Books					
		50	€12.00	€600.00	Appreciation for Sponsors after the DXPedition
Website					
	Domain	1	€20.00	€20.00	
	Hosting	12	€2.50	€30.00	monthly payment
Unforeseen					
		1	€3,000.00	€3,000.00	
TOTAL				€49,509.50	

Table 1: Estimated Budget – V7X, Marshall Islands 2025.

Clublog Most Wanted Ranking

V7 – Republic of the Marshall Islands (RMI) is heavily needed by the DX community in various modes as stated by the Clublog Most Wanted Ranking in July 2024.

Clublog Most Wanted	Global	EU	AF	AS	OC	NA	SA
All Modes	96	56	82	204	183	137	104
CW	152	75	104	260	250	198	149
SSB	81	41	71	231	219	161	105
Data	75	44	64	183	166	96	94

Table 2: Clublog Most Wanted Ranking of V7 – Marshall Islands as of July 2024.

Appendix 5 Bank Accounts

Please find the possible bank accounts for any intended funding of this DXpedition to Marshall Islands 2025 used by team V7X here.

1) Bank Transfer

Bank: Trade Republic Bank GmbH
 Beneficiary: Philipp Springer
 IBAN: DE58 1001 2345 0228 8404 01
 BIC: TRBKDE33XXX

2) PayPal

[PayPal.me/RMI2025](https://www.paypal.com/merchot/?x=1&from=paypal-merch&source=paypal) **OR** info@next-generation-dx.com

Note: All possible funding ways do have capabilities of receiving money in various currencies like EUR, GBP, JPY, or USD. If you intend to transfer another currency, please do not hesitate to contact our team in advance to negotiate the best way directly.

Appendix 6 Contact Details

In case of any occurring questions, please do not hesitate to contact the V7X team directly.

Philipp Springer - DK6SP Team
 Leader

Sven Lovric - DJ4MX Co-Leader

+49 173 8759454

+49 157 36415508

LICENCA TEMPORÁRIA DE INSTALACÃO RADIO AMADOR

	LICENCA/ LICENCE Nr. 03/017
TITULAR LICENCE HOLDER	Jorge LOPES
NACIONALIDADE NACIONALITY	Portuguesa
VALIDADE DA LICENCA LICENCE VALIDITY PERIOD	27/09/017 26/08/018
LOCAL DE INSTALACÃO PLACE OF INSTALLTION	São Tomé e Príncipe
INDICATIVO DE CHAMADA CALL SIGN	S9CT CATEGORIA/ CLASS

CHAMAMOS A ATENÇÃO PARA OS SEGUINTE OS SEGUINTE CONDICIONAMENTOS:

Poderá comunicar com outras estagões nacionais ou estrangeiras, devidamente autorizadas, nas faixas atribuidas em STP ao Serviço de Rádio Amador.

As comunicagões serão efectuadas preferencialmente em lingua portuguesa ou numa das linguas adoptadas pela UI T- União Internacional das Telecomunicacões.

No caso de Estação M6vel deve, antes de cada comunicação, indicar o local onde se encontra.

DOCUMENTO	DATA	NUMERO
Recibo	27-09-2017	RC170000021

PLEASE NOTE THE FOLLOWING CONDITIONS:

be settled, preferentially, in Portuguese one adopted by ITU-International Telecommunication Union. In case of Mobile Radio Station, you must indicate the place where the station is located, before beginning every communication.

DATA/DATE: 27-09.2017



Rua da Paz – Bº do Hospital – CP 1047 – São Tomé - Telef.: 222 73 61
E-mail: ager@cstome.net site: www.ager-stp.org

It is allowed to communicate with other domestic or foreigner authorized stations, over the bands allocate to the amateur Service in STP. The communications should language or in another one adopted by ITU-International In case of Mobile Radio Station, you before beginning every



Autoridade Geral de Regulação

NIF: 450451908
Rua da Paz - Bº do Hospital
São Tomé
Tel: 00239 227359 Fax: 00239 227361 Email:
ager@cstome.net <http://www.ager-stp.org/>

CLIENTE
21067

CONTRIBUINTE
182103447

ORIGINAL

Pág. 1/1

Jorge Augusto Santos Lopes

Tv das Condominhas, 114
40 Dto
4150-225 Porto

DOCUMENTO

DATA

DATA VENC.

VALOR DOC.

REGULARIZADO

EM DÍVIDA

Factura do Cliente FT170000017

26-09-2017

11-10-2017 1,096,926.96

1,096,926.960,00

Nesta data e para liquidação dos documentos supra TOTAL LIQUIDO no valor de:

Um MilhaoNoventa e Seis Mil Novecentos e Vinte e Nove mil e Quinhentos e Seis Cêntimos

OBS:



DESCONTOS

0.00

TOTAL (STD)

1,096,926.96

**Fill out the form completely and send it to:
Treasurer.SEDXC@Gmail.com**

Entity Name / Call Sign	S9 Sao Tome & Principe
Date of Application	12 August 2024
Approx. Date and duration of DXpedition	November 10 through November 20, 2024
Web page	www.s9z.org
Team leader / number of members:	Tom Harrell N4XP 14 team members
List name & call of each team member	Tom Harrell N4XP Rigo Diaz HI8R Bill Beyer N2WB George Lopes CT1BOL David Johnson WB4JTT Al Hernandez K3VN Mike Mraz N6MZ Roman Thomas RZ3AA/5B4AQN Kimo Chun KH7U Massimo Muchi I8NHJ/N5NHJ Robin Alexander W7YED Angus Alexander KJ7KOJ Jose' Riberio De Sah CT1EEB Ralph Fedor KOIR
List DXpeditions that each team member above took part in	N4XP – GD5BBG, AL7EL/V7, KH9/AL7EL. KH9/AL7EL, V/7AL7EL, V73XP, BV4FH, 9M6AAC, 9M6OO/Spratly, K5K/Kingman Reef, N4XP/KH5, T32O, GD/N4XP, K4M/Midway Atoll. OK8XP, ON9XP, C82DX, JW0A. HI8RD – HI3K, HI3LT, HI8DX, HI0DX, HI95RCD, HI0LT, HI2DX, JW0A, JW/HI8RD, T42T N2WB - ZL7C , 3Y0X, J5C, TX5C, TS7C, YI9PSE, PJ7E, TJ9PF, HK3/N2WB, CY9M, ET3AA, ET3SID, HR5/N2WB, PJ7E, 4U1VIC, XT2C, XT2CJ, CE9/N2WB, XR9A,

XR9A/8, CE0B, HB0/N2WB, CE8/N2WB. PJ4/N2WB. T70A, 5J0X, HK0/N2WB, VP2MWB, V25WB, HH4/N2WB, J79WB, J68WB, KH9/N2WB, FG/N2WB, J75J, J6J, WP2Z, 9M600 Spratly, KP2/N2WB.

CT1BOL – S9CT, S9CT, CR3D, CR5B, CQ9U, CU2/CT1BOL, CU3/CT1BOL, PY6/CT1BOL, CQ9U CT9/CT1BOL , CS2K,.

WB4JTT – Kingman Reef - K5K, Midway Atoll – K4M, WB4JTT/KH5, JW0A

K3VN - YI9PSE, ET3AA, ET3SID, TX5C, VP8SSI, VP8SGP, VP8CBC, LU1ZC, KC4USP, KC4AAB/MM, B/T1DX, ZL8RI, 9N7VN, A52A, VK0IR, ZL7C, ZL3AH, V73GI, 3Y0X, KG4VN, HR1/K3VN, C6AHI, KL7/K3VN, VR2/K3VN, XX9TWA, FT5XM, TO0R, LU1AKO, CE8/K3VN.

N6MZ – VK0IR, FT5XO, VP8ORK, XROX, KH9/N6MZ, KH9/N4XP, BS7H, ZK1XXP, ZL8R, K5D, K1N, 9M600- Spratley, , TO0R, VP5W, SV5/N6MZ

5B4AQN – K5K, 3D2CI. 3D2C, K1B, . EK8R, NP2KY/KH6, NP2KY/KH5, NP2KY/KH2, NP2KY/KH0, 3D2RU, T23A, T32R, T88AA, V63UA.

KH7U – K7K, K4M, XU1A, 3B9R, T32O, K5K, KH7U/KH5, K4M

	<p>I8NHJ – EL2PP, 1A0KM, JT1Y, E30GA, T77V, TT8MM, T32R, K5K, XROX, S05X, 4O3T, BS7H, K4M, PJ7E, PJ7DX, 6Y1V, C6ANA, VP5/I8NHJ, ZF2NH, KP4/N5NHJ, HQ9CW</p> <p>W7YED – First time Dxpeditoner</p> <p>KJ7KOJ – First time Expeditioner</p> <p>CT1EEB – 4W6Eb, VK8CS. CU3/CT1EEB, 4W/CU3FT, CO00TA, CQ2P, ED1URE. ED1ONS, CS7TCQ2I</p> <p>K0IR - VP8SSI, VP8CBA, 3Y0PI, XROY, VK0IR, VP8THU, VP8GEO, 3Y0X, VP8ORK, K5D, K5N, A52IR, PJ6A, FT5ZM, vP6R</p>
QSL manager / QSL route	K4NHW - Direct, OQRS, LoTW
Funding amount requested – please attach budget & show team’s contribution	\$500 requested; Budget - \$10,143.16, Team share - \$700 per member Each Team member pays all his personal expenses to include air
Send Funds to:	Tom Harrell N4XP. 2737 Shoal Creek Road NW, Monroe, GA 30656
Position on most wanted list – both global & North America – East Coast	Global: 123 - club log NA-EC: 147 – Club log
Landing permit/operating permission approved (attach copy).	License granted S9Z attached
Overview of antennas & equipment to be taken on DXpedition	4 IC7610s, 1 IC9700, 1 IC7300, 1 KPA500 amp, SPE 1.5 K Taurus amp, 1 Tokyo HI Power 1.5 amp 1 Acom 1010 amp, 3 K4KIO Hex beams at 25’, 1 EME station, 1 Q10-100 system, 1 160/80 50’ vertical

	w/radials, 1 60m dipole, 2 40m half squares, 1 30m vertical dipole, 1 6el 6m yagi # 25', 1 long boom 432 yagi, 6 computers.,
Last time(s) this entity was activated	2018, no resident amateurs
Typical interval between activations	Except for occasional holiday style operation, unknown. S92SS was active at some point a some years ago but now SK
Method of transportation to DXpedition site	<p>All equipment to be carried and checked as baggage. This caused an unexpected escalation in budgeted shipping costs. This increase was caused by our having to use overweight and oversized baggage.</p> <p>Efforts to transport equipment via traditional sea and air freight was not authorized by USDHS/TSA and/or transport facilities not in place at Sao Tome & Principe to revive freight.</p>
Your team's objective / strategy including social objective	<p>Primary goal:</p> <p>--That all team members travel from their part of the world and arrive safely.</p> <p>--Operate 4 to 5 stations 24/7 using CW/SSB and Digital modes and provide as many ATNOs to any DXer who needs it, especially those new DXers with low power and average antennas. Operate one station on 20 meters round the clock every day.</p> <p>--Operate for 9 days without difficulty or injury and to depart the site leaving the operating area and its surroundings in as pristine condition as possible without any damage to</p>

	<p>its environment.</p> <p>--Return home safely and without difficulty.</p> <p>--Provide confirmation to those who want it via a direct request, OQRS or Lotw.</p> <p>Secondary goals:</p> <p>--The satisfactory operation of the Club Log gateway for real-time uploads which feed the Livestream.</p> <p>--Provide EME, QO/100 and Green Cub activity.</p> <p>--Provide KJ7AOJ, our new teenage Dxer with real time fundamental experience needed to perform amateur functions correctly.</p> <p>HUMANITREIAN EFFORTS:</p> <p>We are working with our hosts to determine what we can do for the local school system's schools close to our site to provide teaching aids and other items related to education.</p>
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Callsign/Age of youngest Team member	Angus Alesander, KJ7KOJ, 17 years old
SEDXC member initiating request	N4XP
SEDXC member(s) participating, if any	N4XP, K0IR, 5B4AQN (RZ3AA)
SEDXC logo on QSL card & web page?	Yes

Additional comments:

We are aware of the most wanted ranking. However, we feel entities like Sao Tome can provide a number of DX counters one way or another for many who may be new hams and better yet have discovered DXing. By providing a wide range footprint

there can be something for everyone.

With the restrictions dealing with handling freight now in place such as Sao Tome the chances of a largescale operation could will be limited to many of those entities we often take as “easy” to get to.

Internal Use

Date published in the newsletter	
Review/analysis of SEDXC Club Leagues member sample (N=)	ATNO: Band Fills:
Results of member review at the meeting: (approved / disapproved) Recommendation \$_____	Recommended \$_____
Funds disbursed on date:	
Funds disbursed by:	

