



# Bulletin



June 2025

Founded In 1958

## Our Next Meeting & Speaker

**Date & Time:** June 21, 1200pm

**Location:** SEDXC LUNCH



**From the Prez**  
*(de John Tramontanis, N4TOL)*

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## SEDXC June Lunch - Saturday, June 21st, 12:00 PM

***This lunch will be held in place of the June Zoom meeting.***

Our lunch event will include award presentations, raffle prizes and, best of all, a chance to catch up with good friends.

As we all missed the Atlanta Hamfest this month, this is a great opportunity to mix and mingle in person with fellow club members.

The deadline for signups is June 18th

Here is the link with details about the location and food, as well as the sign-up form.

<https://sedxc.org/sedxc/lunch/>

## **SEDXC dues are due by July 1st!!!**

The SEDXC operates on a fiscal year starting July 1st. Your 2024-2025 dues are due now.

Just go to [dues.sedxc.org](https://dues.sedxc.org) to pay them. It's important that all dues are paid by July 1st, as our bank balance on that date fixes the amount we can donate to DXpeditions for 2025-2026.

## **Officers for 2015-2016 Elected at May Meeting:**

President - John Tramontanis, N4TOL

Vice-President - Greg Marco, W6IZT

Treasurer - Jeff Cantor, K1ZN

Secretary - Joel Levine, WA4HNL

Activities Chairman - Don Deal, KK4E

## **We would also like to recognize the contributions and continued efforts of:**

Webmaster and Database Manager - Chaz Cone, W4GKF

Bulletin Editor - Van Herridge, N4VGE

## **Special acknowledgement and appreciation to Nathan Wood, K4NHW, our outgoing Vice-President.**

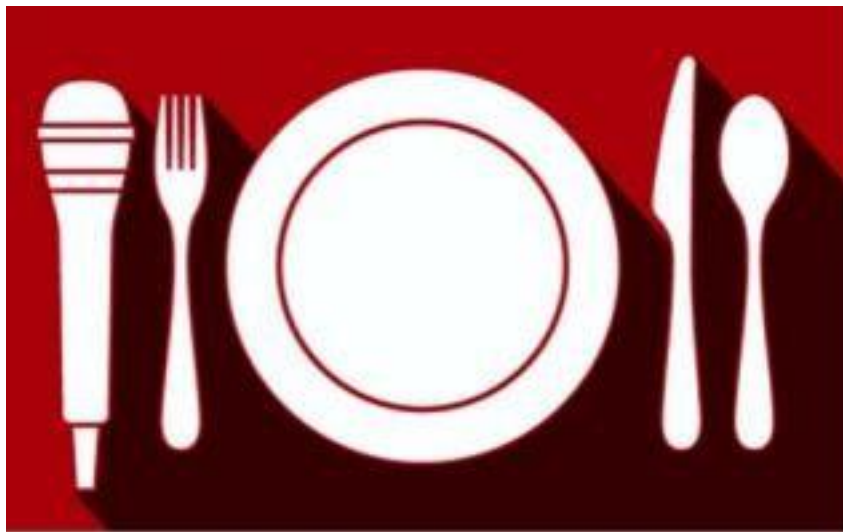
Nathan provided fantastic programs for the club over the last two years, as well as standing in at times as acting president in my absence. Additionally, Nathan's presence on several DXpeditions over this span provided outstanding exposure for the SEDXC.

**We look forward to seeing you all at the Spring Lunch!!**

**73 John N4TOL**



# June



The SEDXC Spring Lunch Event will be held at [Hudson Grille in Sandy Springs](#), 6317 Roswell Rd, on Saturday June 21 from 12PM to 3PM.

We will have a private room toward the rear of the restaurant and there will be a cash bar.

Food will be served buffet-style starting at 12:30PM. The menu includes three entrées:

- **Cajun Shrimp Pasta** blackened shrimp, cajun cream sauce, broccoli, tomato, parmesan cheese
- **Lemon Greek Chicken** marinated chicken, tomato spinach fondue, feta, grilled lemon over rice
- **Luau Sirloin** teriyaki glaze, mango salsa over rice

The meal will also include house salad, tea/soft drinks and dessert.

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Our lunch event will include award presentations, raffle prizes and, best of all, a chance to catch up with good friends.

Please join us for great food and fun! Please sign up no later than June 14th.

The fee is **\$20.00** per person.

NOTE: There is a maximum of 48 seats. Go [HERE](#) to sign up

Hope to see you there!

73 and DX,

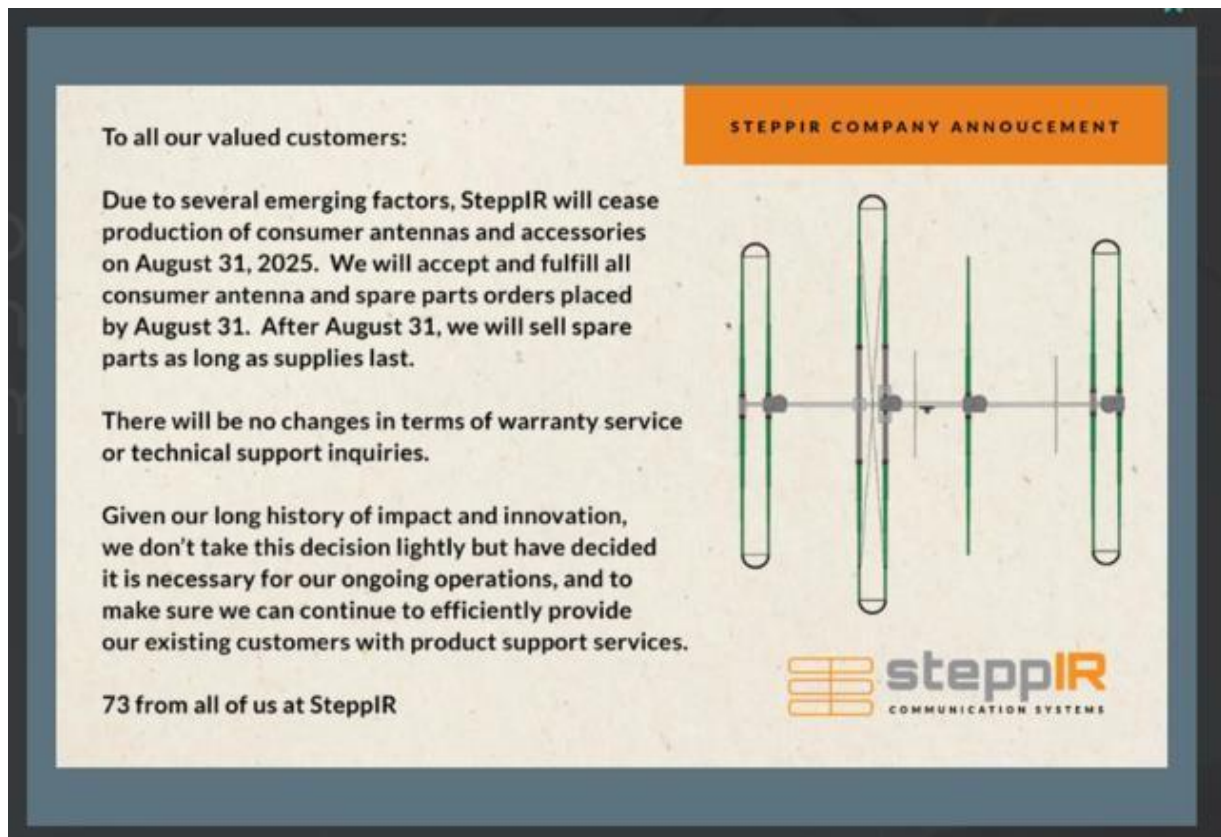
Don KK4E

[Email Don](#)

Hope to see you there!

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## [SEDXC Elmers Link](#)



The graphic is a company announcement for SteppIR. It features a light beige background with a dark blue border. At the top right, there is an orange banner with the text "STEPPIR COMPANY ANNOUNCEMENT". The main text is on the left, and a technical diagram of an antenna system is on the right. The SteppIR logo is at the bottom right.

To all our valued customers:

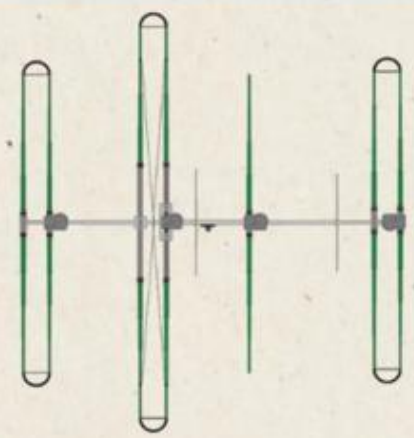
Due to several emerging factors, SteppIR will cease production of consumer antennas and accessories on August 31, 2025. We will accept and fulfill all consumer antenna and spare parts orders placed by August 31. After August 31, we will sell spare parts as long as supplies last.

There will be no changes in terms of warranty service or technical support inquiries.


Given our long history of impact and innovation, we don't take this decision lightly but have decided it is necessary for our ongoing operations, and to make sure we can continue to efficiently provide our existing customers with product support services.

73 from all of us at SteppIR

STEPPIR COMPANY ANNOUNCEMENT



The diagram shows a central vertical antenna element connected to a horizontal feed line. There are two smaller vertical elements on either side, and a central vertical element. The diagram is a schematic representation of the antenna system.

 **steppIR**  
COMMUNICATION SYSTEMS



## **VP Corner de K4NHW**

*(de Nathan Wood, K4NHW)*

Dear Southeastern DX Club members,

As I prepare to step down from my role as Vice President, I want to take a moment to express my heartfelt gratitude for the incredible experience it has been to serve in this position over the past two years. It's truly been an honor and a privilege to work alongside such a passionate and dedicated group of individuals who share a love for amateur radio and DXing.

I am incredibly grateful for all the support that I've experienced during my tenure. While I'm stepping down from this role, I look forward to continuing to support the club any way that I can. Thank you once again for the opportunity to serve.

With warm regards and 73's

Nathan, K4NHW



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

Greetings, Fellow DXers

### TREASURER's Report –June 2025

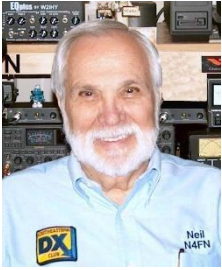
- The checkbook Balance on June 1<sup>st</sup>: \$10,861
- Payments made during the month of May 2025:
  - o DXPedition grant to PJ6Y focusing on youth training for \$500.
  - o Renewed ARRL Liability Insurance for \$200.
  - o Purchased Hamfest Table at Atlanta Hamfest for \$15. (to be refunded).
  - o Postage stamps for \$7.30.
- To date of the 2024-2025 DXPedition Budget amount of \$7,303 we have disbursed \$4700.

Last July 2024, we established an agreement with The International DX Association (INDEXA) to match donations made by SEDXC members in memory of Bob Alphine, K4UEE. As we have approached the end of June, and based upon the total of SEDXC member donations to INDEXA amounting to \$1,735, SEDXC will match that amount to the maximum budgeted for a donation to INDEXA of \$1500 in Bob Alphin's memory to support youth participation in DXPeditioning.

· A request for funding has been received from Cezar, VE3LYC to activate a brand-new IOTA entity in the Islands-on-the-Air Program. We have an increasing number of SEDXC members that chase IOTAs as well as DXCCs. Both awards programs are very popular, world-wide and with SEDXC members. This new IOTA is Pajaros Rock (SA-100), a piece of real estate under Chilian control (CE). Besides Cezar (VE3LYC), two other operators, Felipe (XQ7IR) and Joha (PA3EXX) will operate on the island. An operating permit is in place for 3G1P. They will have 3 transceiver and 2 amps and ample antennae. VE3LYC has always been very dependable with quick QSLs.

The SEDXC EC recommends an award of \$200 to this activation.

73s            &            GUD            DX,            Jeff            /            K1ZN,            Treasurer



Neil's Humor:  
N4FN



Wife doing her makeup early  
morning Straight out from Bed !!

Husband: "Are you crazy?"

Wife: "Just shut up, I need to unlock  
my phone. Its on Face recognition  
feature and it is not recognizing  
me..!!"

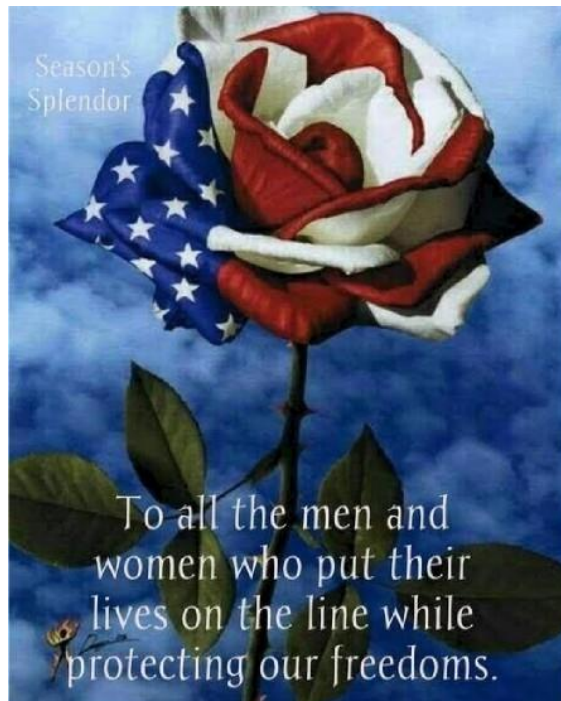
**I'M TRYING TO MAKE  
NEW FRIENDS  
WITHOUT FACEBOOK.**

SO EVERY DAY I GO OUTSIDE  
AND SHOUT WHAT I'VE  
COOKED AND EATEN, HOW  
I'M FEELING, WHAT I'M  
DOING, AND WHERE I AM.

AND THE PEOPLE I MEET I  
APPROACH AND SAY:

**I LIKE YOU!**

THERE ARE ALREADY 9 PEOPLE  
FOLLOWING ME:  
4 PSYCHIATRISTS, 3 POLICE  
OFFICERS, A NURSE AND A DOCTOR.



Police have confirmed that the man who tragically fell from the roof of an 18th floor nightclub was not a bouncer.

95% of electric vehicles are still on the road. The remaining 5% made it all the way home.

Finland has just closed their borders. No one will be crossing the finish line.

Recent study reveals that there are more airplanes in the ocean, than submarines in the sky.



## **Around The Shack de N4GG**

### **The Tale of the Wire Kabob - A Dubious Invention Or In Defense of Analysis**

My new end-fed half-wave (EFHW) antenna consists of a 132-foot radiating wire fed via a 49:1 matching transformer. The transformer brings the impedance of the wire to 50 ohms, more or less. It's definitely "more or less." EFHWs are high impedance antennas and their characteristics are sensitive to their surroundings. My store-bought EFHW came with a small in-line coil six feet out from the matching transformer. That coil is there to add a small amount of inductance to lower the antenna's resonant frequency on 10 meters. This is a tried and true approach to getting an EFHW antenna to cover all the ham bands from 80 through 10 meters, again, "more or less."

Unfortunately, but predictably, the resonant frequency of my EFHW was too high in the 10-meter band for my preferred operating modes. The addition of more inductance into the radiating wire, six feet from the matching transformer, was in order. Meanwhile, the 132-foot radiating wire with its existing in-line coil was well-made from one continuous piece of

wire. Adding inductance meant splicing into the wire – something I preferred not to do. I wanted a way to wrap some of the existing wire onto a coil-form without making a splice.



**Figure 1.** The “Wire Kabob” for splice-free addition of a coil onto an existing wire.

Well, I invented something, or, at least, I devised something. I have a strong suspicion the item I came up with has been devised before, probably by lots of people. Or maybe not. I've decided not to look.

Figure 1 shows my “invention.” It's a short length of PVC pipe notched to allow taking some of an existing wire and forming it into a coil, without cutting the wire. The design resulted from sketch-pad noodling and some crude hand-work with a drill. Figure 2 shows a table-top test of the device using a length of #14 THHN house wire. Figure 3 shows the new coil in place, in series with the preexisting coil, installed without cutting the wire. Success! I have named this little gizmo a “wire kabob.” If you have a better name, please email me.



**Figure 2.** Table-top mechanical test of the first wire kabob. There may never be a second one.

Results from installing the wire kabob were, to say the least, disappointing. In fact, there were no measurable results at all. The wire kabob was a mechanical success that had no effect electrically. Adding inductance should have lowered the antenna's resonant frequency and it didn't.

Last month I encouraged readers to use Ohm's Law as often as they can. Ohm's Law only requires a four-function calculator to handle the math. Why not analyze what you want to do before you do it? Why not “run the numbers” before incurring the time and expense of trial and error? (I acknowledge trial and error is sometimes fun and educational). Did I take my advice this time, as I expended the effort to design, build and experiment with the wire kabob? No, I just charged ahead.



**Figure 3.** The new coil added to my EFHW antenna. It had no effect on resonant frequency.

Not lost on me was the fact that as I wrapped wire onto the wire kabob I was shortening the antenna. But I didn't bother analyzing it and here's why. Straight wire is slightly inductive but not nearly as much as

wire formed into a coil. Intrinsicly it seemed losing inches of straight wire in favor of having those inches form a coil had to lower the antenna's resonant frequency. It didn't work that

way. Adding more and more wire onto the wire kabob had no effect on the resonant frequency. How could that be?

Here's the simple answer. As you add inductance at or near the base of an antenna, a wire vertical for example, the resonant frequency goes down. But, also, as you shorten the length of an antenna the resonant frequency goes up. If you make an in-line loading coil using the existing wire, you are lowering and raising the resonant frequency at the same time. The two actions tend to cancel. It seems obvious now that I've written it down.

I wound up analyzing my specific case. The two actions - adding the coil and shortening the antenna – almost perfectly canceled. That agrees with what I observed. Adding more turns to the coil accomplished nothing. It's important to note however that the results are case-specific. For example, if you were to make the new coil very long yet with very few turns, it would add little inductance and use a lot of wire. That would raise the resonant frequency. Conversely, a small tightly wound coil would add a lot of inductance and not use much wire, lowering the resonant frequency. The good news is this can be successfully modeled if you are inclined to analyze it before you try it.

Table 1 shows three cases for adding inductance into my EFHW. The second column shows the amount of change in the resonant frequency I would have expected if I ignored the fact that the wire for the coil shortens the antenna. Per column two, adding 1 uH of inductance would have lowered the resonant frequency 45 KHz – just what I was looking for and didn't see. The third column is the result of an EZNEC analysis taking into consideration the shortening of the antenna. The analysis predicts the effect will be so small as to be unobservable and that's how it turned out.

Table 2 shows the amount of wire used to make the experimental coils. I'm still surprised a 1 uH coil made with the dimensions I was using (coil diameter 1.5 inches, coil length 1 inch, 5.4 turns) used over two feet of wire. The formula is just the circumference of the coil times the number of turns.

**Table 1. Calculated vs. Observed Change from Adding a Coil**

| <b>Added Inductance<br/>uH</b> | <b>Expected Change<br/>In Freq<br/>KHz</b> | <b>Calculated Change<br/>In Freq<br/>KHz</b> | <b>Observed Change<br/>In Freq<br/>KHz</b> |
|--------------------------------|--|--|--|
| <b>.5</b>                      | <b>-19</b>                                 | <b>+10</b>                                   | <b>None</b>                                |
| <b>.75</b>                     | <b>-34</b>                                 | <b>+1</b>                                    | <b>None</b>                                |
| <b>1.0</b>                     | <b>-45</b>                                 | <b>-3</b>                                    | <b>None</b>                                |

**Table 2. Coil Wire Length**

| <b>Added Inductance</b> | <b>→</b> | <b>Amount of Wire Used</b> | <b>→</b> | <b>Inches</b> |
|-------------------------|----------|----------------------------|----------|---------------|
| → <b>0.5</b>            | →        | →                          | →        | <b>17.9</b>   |
| → <b>0.75</b>           | →        | →                          | →        | <b>21.9</b>   |
| → <b>1.0</b>            | →        | →                          | →        | <b>25.5</b>   |

There are a few lessons here. First, analysis can sometimes save a lot of time and/or expense.

Next, it's easy to fool yourself. Despite sixty-four years in ham radio my assumptions about adding inductance while ignoring wire shortening, and, about how much wire I was using, and, about the sensitivity of an EFHW to changes in its length were all wrong. Analysis has its place.

As to the future of the wire kabob – well, I don't know. It's a dubious invention at best. Mine is resting in the trash can in the garage.

73,  
Hal N4GG

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

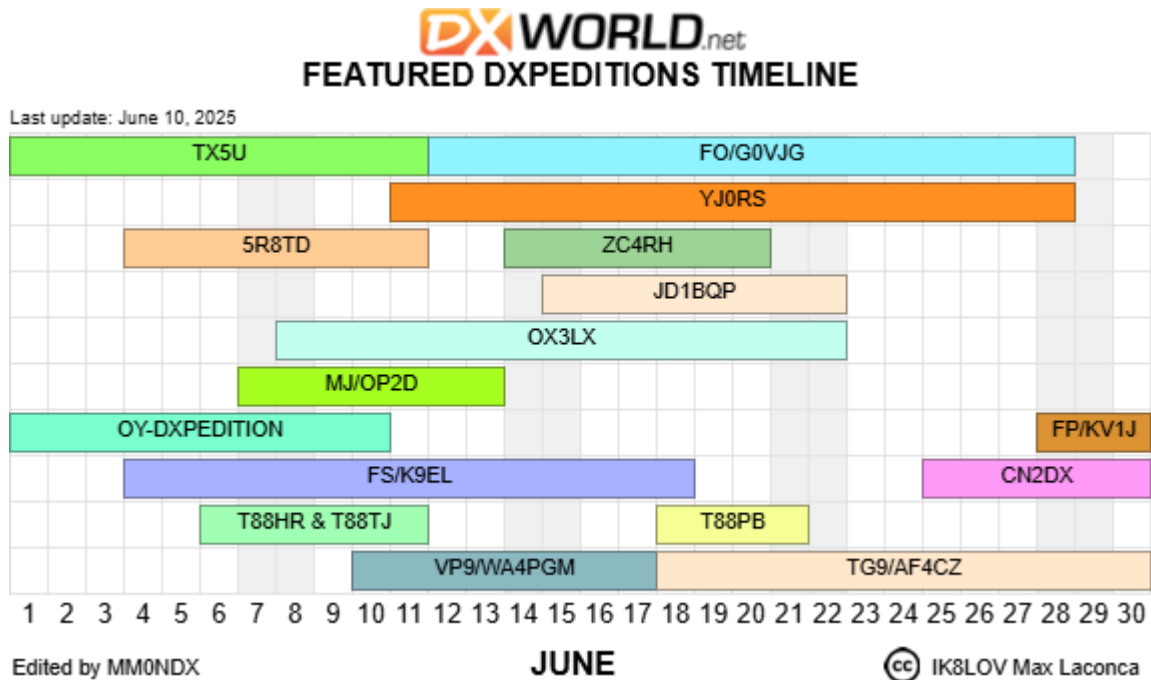
[www.sedxc.org](http://www.sedxc.org)

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

<https://sedxc.org/sedxc/bulletins/sedxc0600.pdf>

# The *DX World* Calendar/Timeline for June 2025

See below



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.hamradiotimeline.com/timeline/dxw\\_timeline\\_1\\_1.php](https://www.hamradiotimeline.com/timeline/dxw_timeline_1_1.php)

## SEDXC Officers & Positions

John Tramontanis, N4TOL – President – [iam4rb@gmail.com](mailto:iam4rb@gmail.com)  
Greg Marco W6IZT – Vice-President - [gregg.w6izt@gmail.com](mailto:gregg.w6izt@gmail.com)

Joel Levine, WA4HNL – Secretary -- [jlevine@bellsouth.net](mailto:jlevine@bellsouth.net)  
Jeff Cantor, K1ZN – Treasurer -- [jacantor9@gmail.com](mailto:jacantor9@gmail.com)  
Don Deal, KK4E – Activities Manager - [radio@landru.net](mailto:radio@landru.net)

### SEDXC Appointed Positions

Chaz Cone, W4GKF – Webmaster – [w4gkf@chazcone.com](mailto:w4gkf@chazcone.com)  
Jason Kitchens, KV4TE – Webmaster In Training - [kv4te@att.net](mailto:kv4te@att.net)  
Van Herridge, N4VGE – *SEDXC Bulletin* Editor – [vanherridge@gmail.com](mailto:vanherridge@gmail.com)