



Southeastern DX Club

W4NT

THE SOUTH'S PREMIER DX CLUB
November 2009

Notice: New meeting location this month only!!!

Don't show up at the regular place
on the regular day at the regular time.
No one will be there !

President's Report:

This month, as previously announced, we will not have a meeting on the normal SEDXC meeting date. So please don't follow our usual routine. Our meeting will be on Thursday, November 19th at 7:30 PM. It will be at the Roswell City Hall and held jointly with the NFARL club which is sponsoring an Atlanta-wide presentation by Joel Hallas, the "Doctor is In" columnist and Technical Editor for QST. You can find the details by clicking our [November meeting link](#). There will be plenty of free parking.

Thanksgiving is almost here. I know we are all thankful that Tad, WF4W, came through his heart surgery under the skilled hands of Jim Kauten, W4TE. Tad reports he is doing well and is now at home, though it will be a few weeks before he resumes climbing towers. I suspect we will shortly start to hear quite a few CW QSOs from Tad during the daytime hours when he might usually be at work. He could be a real threat to win the November edition of the SEDXC monthly contest.

The 160m enthusiasts in the club are thankful that just about all of us have now worked TX3A on 160m CW. Some hardy souls repeatedly got up at 3:30 AM or so to try to work him at his sundown, and the rest of us repeatedly started the process around 6AM for days—and days—and days. But the propagation gods finally smiled, and TX3A was workable from this area one morning till around 7:20 AM, with nice daylight outside. On 160m you just never know. One thing we DO know is that the two person TX3A crew is really, really good at low band DXing. If you want to get an idea of how a top notch DXpedition runs on the low

bands, just take a listen to these guys. If you are a denizen of the daylight only, they have been putting in good signals on 30m here in the afternoons, and sometimes till pretty late at night.

Jim Nail, WA2MBP, is an especially happy club member this month. Bringing a very long and difficult project to a close, a number of us helped Jim get his very heavy-duty motorized crank-up up in the air with a SteppIR on top. Was that 13 cubic yards of concrete? I've never seen so much mud! Looking back on it, I am amazed we were able to do the job without breaking the SteppIR. I'm sure Jim will be glad to fill you in on the story, but it was filled with mud, sweat and tears. Quite a few of the tears came from Dave Fischer, W7FB, who found that the expansion foam in the tower owl he was holding would not be fully dry for eight hours or so.



All's well that ends well, and this installation ended well as you can tell from Jim's score in Sweepstakes—fantastic.

We should be soon hearing the details of the holiday party from our superb and talented planning crew. Details will be posted on the SEDXC website, and you will be notified via an Evite.

73—and CU at our next meeting with the NFARL club on **Thursday, November 19, 7:30 PM, Roswell City Hall**

Bob, W2WG

Vice President's Report:

After Carter, K4CB presented Generators 101 to the members at last month's meeting the search engines on the internet increased as several members went looking for small light weight two-cycle generators. This month's Club program will most likely not generate mass search inquirers on the internet. November's program will provide answers for inquiring minds. Joel Hallas, W1ZR, technical editor for QST and author of the column the "Doctor is In" will be the guest speaker at the North Fulton Amateur Radio League (NFARL). Our monthly meeting will be combined with the NFARL meeting. Therefore, for next week we only have to ask for one kitchen pass from our spouses and not two kitchen passes. Our SEDXC meeting will be Thursday, November 19th at 7:30 P.M. and will be at the City of Roswell's City Hall. Roswell's City Hall is located at 38 Hill Street. Mark your calendars for December 12th and join us for the Club's 2009 Christmas and Holiday party. Harry, W4KJ and wife Penny are graciously opening their home to host our holiday festivities. Party plans are in the making and will be post on the Club website and in next month's newsletter. January's meeting will be back to the usual day (third Wednesday of the month i.e., Jan. 21st) and usual time (7:30 P.M.). Our program will be on a past DXpedition that several Club members were active participants. Looking forward to seeing everyone at the upcoming activities.

Jim KT4MM

Secretary's Report:

Bob opened at 730PM
3 new and or visitors, Nk9R, KJ4PYK, and WA2BSW and wife.

There were 41 total present at meeting

Tad has some old minutes from 1988 that he read where K4PI was talking about one day in future having a computer log.

At 7:35PM K4CB started the presentation on ONAN generators and some other generator facts...everyone enjoyed the talk covered gas, diesel, natural gas...size..types of generators etc very informative.

845PM break & raffle to 9PM

HOWS DX:

- a. Bill said do not give up on 160 as it will fade and peak just wait and be ready when it peaks and you can make contacts
- b. Gordon said he was working 160, 80, 40 well after sunrise many mornings

Business:

- a. Bob said NO DXpedition fund request
- b. Next meeting will be in Roswell on 11/19
- c. Harry' and Chaz' wives will help set up and plan Christmas party
- d. N4GRN was presented with a plaque for service to the club
- e. No new business

General Discussion:

- a. Norm donated a set of powered speakers to the club
- b. Bob has purchased a \$100.00 projector (new) for the club and will present a request of funds after showing it to the club first ---- a great buy.
- c. Several people discussed that we should be actively looking for a new meeting place as we are out growing the current space but it will cost money --- so no immediate plans but please look
- d. Remember Techfest

Treasurer Mike reported that the full report was published and there is approximately \$5k in the bank with no active fund request

No VP or Secretary report

Chaz was out so no report from him

Adjourned around 940PM

George Nicholson, Jr. (Managing Partner)

Treasurers Report:

At October 31, 2009

Receipts in the month of October:

Membership Renewals	\$100.00
New Members	29.00

Badges Pins and Patches	40.00
Raffle	72.00
<u>Int'l Reply Coupons</u>	<u>208.44</u>
Total Received	\$449.44

Disbursements in the month were:

Chaz (badge order)	42.00
Refund QSL order fee	78.00
<u>IRC's</u>	<u>210.00</u>
Total disbursed	\$330.00

Operating account balance \$ 5,979.28
 Approximate PayPal Balance* \$ 304.00
 * Does not reflect associated PayPal fees

The K4M gang did a super job on Midway and as a bonus they have already posted confirms on LOTW for members of supporting clubs.

I hope to see everyone at the meeting in Roswell on the 19th.

73 de Mike, ND4V

Activities Manager Report:

This past Stone Mountain hamfest in Lawrenceville was the best in my memory. Saturday was well attended but I missed both W4WKP (Johnny Fearon) & WF4W (Tad) who couldn't attend along with not bumping into the too many recent silent keys. The bone yard had more vendors than last year; but why don't they use that area in the middle?

We'll be presenting the awards (high and low power) for the [October DX Contest](#) at the Holiday Party on December 12th. Thanks to everyone who sent in their scores. Didn't know how popular this monthly contest would become. This is our first of a monthly event for club members. Remember that you can only win this once, so keep trying!

And a BIG pre-party thanks goes out to Harry and Penny for hosting our holiday party at their lovely home this year.

Gary, WB4SQ

To go along with the program last month on generators here is an article from KB6NU's Newsletter to Bulletin and News Letter Editors.

By Dan Romanchik, KB6NU

The National Institute of Standards and Technology (NIST), the same folks that bring you WWV, publish a monthly newsletter called NIST Tech Beat. Here's an item from the 10/6/09 issue of NIST Tech Beat that will be of interest to radio amateurs:

To subdue the steaming heat of hurricanes or to thaw out during a blizzard, gasoline-powered, portable generators are a lifeline during weather emergencies when homes are cut off without electricity. But these generators emit poisonous carbon monoxide a single generator can produce a hundred times more of the colorless, odorless gas than a modern car exhaust. New research from the National Institute of Standards and Technology (NIST) shows that to prevent potentially dangerous levels of carbon monoxide, users may need to keep generators farther from the house than previously believed perhaps as much as 25 feet.

Up to half of the incidents of non-fatal carbon monoxide (CO) poisoning reported in the 2004 and 2005 hurricane seasons involved generators run within 7 feet of the home, according to the U.S. Centers for Disease Control and Prevention (CDC).

Carbon monoxide can enter a house through a number of airflow paths, such as a door or window left open to accommodate the extension cord that brings power from the generator into the house. While some guidance recommends 10 feet from open windows as a safe operating distance, NIST researcher Steven Emmerich says the safe operating distance depends on the house, the weather conditions and the unit. A generator carbon monoxide output is usually higher than an automobile, he says, because most generators do not have the sophisticated emission controls that cars do.

People need to be aware that generators are potentially deadly and they need to educate themselves on proper use, Emmerich says. With funding from CDC, NIST researchers are gathering reliable data to support future CDC guidance.

NIST building researchers simulated multiple scenarios of a portable generator operating outside of a one-story house, using both a test structure and two different computer models the NIST-developed CONTAM indoor air quality model and a computational fluid dynamics model.

The simulations included factors that could be controlled by humans, such as generator location, exhaust direction and window-opening size, and environmental factors such as wind, temperature and house dimensions. In the simulations the generator was placed at various distances from the house and tested under different weather conditions.

We found that for the house modeled in this study, researcher Leon Wang says, a generator position 15 feet away from open windows was not far enough to prevent carbon monoxide entry into the house.

Winds perpendicular to the open window resulted in more carbon monoxide entry than winds at an angle, and lower wind speeds generally allowed more carbon

monoxide in the house. Slow, stagnant wind seems to be the worst case because it leads to the carbon monoxide lingering by the windows, Wang explains. Researchers determined that placing the generator outside of the airflow recirculation regions near the open windows reduced carbon monoxide entry.

In the next phase of the study NIST will model a two-story house that researchers believe will interact with the wind differently. NIST researchers also have worked with the Consumer Product Safety Commission on related work. (See: NIST to Study Hazards of Portable Gasoline-Powered Generators, NIST Tech Beat, March 5, 2008.)

The generator study can be downloaded at <http://fire.nist.gov/bfrlpubs/build09/PDF/b09009.pdf>.

- L. Wang and S.J. Emmerich. Modeling the Effects of Outdoor Gasoline Powered Generator Use on Indoor Carbon Monoxide Exposures. (NIST Technical Note 1637,) 2009.

So--- Remember to take extra care in running your generators this winter if they are needed.

Donation for TX3A DXpedition:

Several members have suggested that the SEDXC make a donation to the expedition. They have been running a first class operation with only 2 operators and have paid all their own expenses. Although they have not requested any funds, some members think it would be a great gesture for the SEDXC to voluntarily send them some. After all, it is the stated purpose of the club to help and encourage DXpeditions. The amount suggested is \$300.00 and a quick vote will be taken of the members present at the combined meeting on November 19th.

Speaking of the TX3A operation---The "Nuts Cases" are having a ball again. Much tuning and transmitting on the DX's frequency. I have heard of 2 or 3 cases where this has prevented a contact from being completed.

I observed a really bad case on the 12th while working them on 20-meter RTTY. I won't use the station call because from the way it was done it may well have been someone using another's call. It is hard to believe anyone running RTTY would be so dumb, ignorant, stupid, or not up on DX operations.

This station continually transmitted his call 3 or 4 times, about 50 hertz off frequency, each time the TX3 would complete a QSO and say UP. He either did not know what split was or didn't care. Several people would transmit on frequency and tell him the station was listening up and to go split but---it had no effect

what so ever. This went on for over 45 minutes until I left the frequency.

One reason I think it was totally deliberate was someone sent his call and 599 TU in hopes, I guess, that he would think he had a contact and go away. It didn't happen.

They live among us --- and they breed!!!

SEDXC OFFICERS

President: Bob Carroll, W2WG

w2wg@comcast.net

(770)594-8079

Vice President: Jim Cummings, KT4MM

jimmc@juno.com

(770)517-0073

Secretary: Wes Lamboley, W3WL

blamboley@aol.com

(770)642-2087

Treasurer: Mike Weathers, ND4V

Nd4v@comcast.net

Activities: Gary McConville, WB4SQ

770- 842-0872

wb4sq@yahoo.com

Editor: Jim Streible, K4DLI

K4dli@earthlink.net

770-993-1767

Membership Committee Chairman: Bill Barr, N4NX

n4nx@arrl.net

770-399-0824

Web Master: Chaz Cone, W4GKF

w4gkf@chazcone.com

770-394-2663

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DX PACKET FREQ. (Corrections, 1/2/04)

N4XMX off line(2400) 144.91 (direct, Vinings),

off line(2400) 145.65 (direct or ATLDX)

Note: ATLDX is down right now, direct OK.

NI4X (9600) 144.93, 145.71, 440.75

K4UGA (Athens)(2400) 145.67 (SE Megaclst)

(telnet 128.192.52.40 599, must put in port 599)

DX COMMUNICATION FREQ.

Simplex 147.54

K4JPD Repeater (tone 85.4 Hz) 147.195 +600

SPECIAL NOTE:

The club is now using the Repeater on
145.410, down 600, for chatting and real time
DX announcements.
Join the group there. No tone required.

SEDXC WEBPAGE
www.sedxc.org

SEDXC REFLECTOR sedxc@contesting.com