



Southeastern DX Club W4NT

THE SOUTH'S PREMIER DX CLUB

June 2008

CLUB OFFICER ELECTIONS THIS MONTH

From the President....

I cannot believe it is June already and my term as President of the SEDXC is coming to an end. Not to sound trite, but time really has flown by. I look back over the last twelve months and am pleased with what your leadership team has accomplished.

Founding of the DXPros initiative is probably the most important thing as we have introduced literally dozens of hams to the joys of Dxing and gained a few members along the way. The October contest (100watts and a wire) was a blast. And it opened some eyes as to what can be accomplished with low power and a low antenna. Frankly, it had been a long time since I had gotten a 449, but I made the QSO! Hi !

Our 50th anniversary celebration year is off to a good start with the highly successful trip to TI50DX and a likely win in the multi/multi class by an unlikely bunch of newbies to contesting. We are even planning to do it again next year.....this time from Curacao.

The 50th anniversary lapel buttons were seen all over Dayton and the Club was recognized at the Dayton DX Dinner. Soon our new 50th anniversary QSL cards will be blanketing the world as we continue to celebrate and spread the word about one of the oldest and most successful DX Clubs in the USA !

Other activities are being finalized to include an operating event in September and a 50th anniversary Banquet sometime before year end.

I can honestly say, it has been a great ride for me and I only have one regret.... one of

my goals was to get more of the membership involved in some aspect of the club.

Unfortunately, the same old faces seem to be raising their hands and stepping up. There are many, many ways for someone to chip in and help out and so many more things we could do with more hands involved. Please, if you are not involved in some aspect of the club's operation, won't you consider helping out. If you are interested...drop me an email at mallphin@aol.com.

Thanks,
Bob-K4UEE

Vice President' Report—June 2008

Dayton 2008 was, as always, a very enjoyable event—even though I did not win the transceiver at the DX Dinner. I found quite a few bits and pieces in the boneyard, ordered an AIM4170 antenna analyzer, and found a really interesting ARRL volume which was a collection of articles from the first 50 years of ARRL. I saw friends I had not run into in years. But the most enjoyable social event was the SEDXC dinner. If you haven't been to one, make sure you go next year. I am still wondering if Tom, N4XP, has downed the contents of the "cup" he received at the dinner. More details on this are elsewhere in the newsletter.



The DXPros antenna team helped Ken Reid, KG4USN, get his 135' OCF wire antenna in the air. You can see from the picture that K4DLI, the Kentucky Rifleman, was our sharpshooter. We proved once again, that we should expect a job to take around four times as long as we estimate, but as grayline approached the antenna was high in the air. Ken is very pleased with its performance, and it is usable from 160m through 10m.



Our speaker for the June meeting is Larry Scheff, W4QEJ, who will sharpen our understanding of lightning and how to protect against it. His two part series in QST has made its way far beyond amateur radio enthusiasts and has drawn comments from industry—and a lot of new information which Larry will share for us. I am looking for someone to volunteer to bring a reliable portable PC to the meeting for Larry to use as his computers are desktops. Please contact

me at w2wq@comcast.net if you can bring one.

June also brings Field Day, and SEDXC members are invited to come and participate with the N4N team on the last weekend of the month. Details including location are in last month's newsletter. At the June meeting we need to get an approximate count of those who are coming to allow the N4N team to prepare.

Jul July will feature a program on mobiling for the GQP (details on the website), and how to quickly install a temporary mobile HF station in your car for next years GQP—or for your vacation drive.

I am pleased to announce that the author of the spectrum analysis article in this month's QST, John, K4ERO, will be our speaker at the October meeting. John is a tech advisor to the ARRL, an MIT wizard, and a DXPeditioner. He will come equipped with multiple wideband recordings from CQWPX, SSB contests and others and we are going to be able to look at various analysis techniques applied to them. He will also be discussing and demonstrating CW Skimmer. Part of the program will feature multiple PC workstations and a giveaway of analysis software—bring your PC or memory sticks. Want to understand I and Q components? John is your guy.

I I I appreciated the list of program requests from our last meeting and am working on them. What I did NOT get was any suggested speakers or volunteers. If you have ideas on this, I am begging to hear them.

Bo Bob W2WG

Secretary's Report:

Meeting called to order 7:30 PM by K4UEE.

Members, new members, and visitors were introduced.

Among the visitors/new members were the TI8M team, W4BW, W9RR, KI4UTY, and RZ3AA.

More SEDXC 50th anniversary buttons were distributed for use at local hamfests and meeting.

Gary, WB4SQ reminded us of the 6/8 ATL hamfest and the need to staff the SEDXC booth.

N4NX, reporting on membership, reported the club was growing at its fastest rate ever and was at or near an all time high in membership. Bill also discussed QSL cards celebrating the SEDXC 50th anniversary, and a poll of the club provided enough guaranteed orders to proceed with an order and most likely personalized cards.

Harry, W4KJ, reported on the good time the record 56 attendees had at the Dayton hamfest SEDXC dinner and has made reservations for an SEDXC dinner at the 2009 gathering.

Bob, W2WG, reminded members to come to the June meeting equipped with questions for Larry Scheff on lightning protection, the program for June.

Bob K4UEE reminded us that officer elections will be held at the June meeting. Harry Saunders, W4KJ, will head the nominating committee.

We recognized the great job Jim, K4DLI, is doing as our new newsletter editor, and the audience recommended he continue to hold the job for a least another decade.

The program was presented by the TI50DX team, Paul, KG4UVU, acting as chief presenter with assistance from other team members. We were impressed with the "can do" approach to solving numerous equipment and interference issues solved in the short time before the contest. Very favorable feedback was given on the presentation as well as recommendations that we hold a similar gala next year.

Bob, K4UEE, closed the proceedings with the announcement that there will be an SEDXC trip next year to PJ2T to participate in the ARRL SSB DX contest. More details will follow, but the proximity of the Sunset Beach Hotel suggests that the contest could be combined with a vacation.

The meeting was adjourned at 9:10 PM.

Got this link from one of the NFARL guys, Victor, KI4HPX, and it is to a site where you can download a Toolbar for your Web Browser. Let me tell you, it take you to more places then you will ever want to go! Give it a try, I think you will find it interesting to say the least.

<http://www.haminfobar.co.uk/>

We have a couple of special articles this month I think you will find interesting. First, we have an excerpt from an article written by our recent guest and speaker Neville Cheadle, G3NUG, for the *CHILTERN DXC DIGEST*, his home news bulletin.

EXCERPT FROM THE CHILTERN DXC DIGEST – MAY 2008

As written by Neville Cheadle, G3NUG

Wes W3WL heard that I was going to the Visalia Convention and asked if I could route through Atlanta and give a talk on 3B7C to the SEDXC. I was very pleased to do this as Wes is an old friend who was with us on the D68C DXpedition in 2001 and who also lead our sponsorship drives in the US for funds for our various DXpeditions.

I arrived in Atlanta an hour ahead of schedule and then the troubles started, as a large number of international flights arrived at the same time. They were even calling for Albanian and Italian speakers and it took just over an hour to get through passport control.

Then another hold up – you have to pass through another security check when you leave the terminal as apparently they cannot differentiate between passengers transferring to other flights and those exiting at Atlanta. You are asked to pack any duty-free bought on board in your main baggage that then disappears down a conveyer. There was another hour wait because of a huge queue at security. Atlanta is an airport to be avoided at all costs at rush hour. Wes had been patiently waiting for over two hours; we took the train to close to his home in Roswell.

It was good to see Wes and Bev again after many years. They lived close to us in the UK when they were here in the late 90's. Wes has kept up his CDXC membership ever since.

We had a look around Roswell the following day prior to the evening's SEDXC meeting. It's a lovely part of the world, the temperature was in the mid 70s and there was a pleasant breeze. But it gets very humid from late May onwards. The meeting went well with 65 members of SEDXC attending. It was great to be able to present the 3B7C story personally as SEDXC was a major club sponsor. We sold 14 DVDs and a few copies of our DXpeditioning book. I was made an honorary member of the SEDXC.

Next day Wes took me to the Georgia Aquarium, which has the mission "To be the World's Most Engaging Aquarium Experience". It really was fantastic with every type of fish from red piranhas to whale sharks. There are huge walls of fish protected with two foot thick acrylic sheet. This was a really worthwhile visit.

After lunch we visited Hal N4GG at his lovely home. Zoning restrictions prevent the installation of masts there, so Hal has a complete all band wire antenna farm amongst the pine trees. There is a Lazy-H for 40 meters, many verticals and dipoles and lots of open-wire feeders. Apparently, this station works like a dream and is a very competitive SO2R station with two MPs, two

ACOM 2000 linears and a huge amount of automatic band switching.

The really interesting part of my visit to Hal's QTH was to see the spark transmitter he was building to the original designs of the early 20th century. The wine bottle capacitors glowed and gave off a tremendous ozone and corona. There were some huge voltages around; I stood well back and keyed the spark transmitter – a new experience for me.

Thanks to Wes, W3WL, for sending this to us to print here. Looks like Neville got a good taste of the Atlanta Airport at rush hour.

The next piece is one I purloined from the PVRC News Letter(with permission from the editor) that he obtained from BreakIn, the journal of the New Zealand Amateur Radio Transmitters.

This is the story of the founding of Yaesu Electronics.

The History of Yaesu Musen (from July, 1989 edition of the NZART BreakIn)

Television was first introduced to the Japanese public in the early 1950s, and by the middle of the decade a great demand had developed for television service in Tokyo. Sako Hasegawa, a recently graduated electronics engineer from Waseda University recognized this demand and formed General Television Services in Omori, Tokyo in 1956. In addition to the business prospects, this provided a fertile environment after working hours for Mr. Hasegawa's experimenting curiosity.

Having read of the work in the United States on Single Sideband (SSB) radio telephone, Mr. Hasegawa constructed several filter-type Single Sideband generators based on the concepts of Arthur Collins, and introduced SSB to the airwaves in Japan through amateur radio under the callsign JA1MP. Other radio amateurs were quick to hear of his work and he soon found himself receiving requests for complete transmitters and receivers.

To deal with these requests Mr. Hasegawa incorporated the Yaesu Musen Company Ltd in 1959 to produce radio communications equipment for radio amateurs. Yaesu Musen

then absorbed General Electronic Television and began manufacturing the FT-20 SSB Transmitter under the Yaesu brand name. Foreign amateur radio operators soon began to hear of the Yaesu name, and in 1961 Yaesu Musen began exporting to Australia, followed soon afterwards to Switzerland, Germany and the United States, where Yaesu equipment rapidly became known for its innovative features and quality construction.

In 1966 Yaesu developed the first Japanese transceiver using transistors, the FT-100, and sales boomed in the following year. Virtually all profits were reinvested in expanding the company and the product line grew to include an all solidstate VHF FM transceiver in 1970, and the FT-101 all-mode HF station the following year. This transceiver was widely recognized as the first of its kind in the world. The company doubled in size in the next three years after introduction of the first HF amateur transceiver with digital frequency display, the FT-501. This was followed by the FT-7 series, which introduced all solid-state design to the HF transceiver market.

In 1976 Yaesu Musen Company established a separate design branch for an exclusively commercial product line, which grew to almost 45 different products in the next five years and has since surpassed Amateur products as the major production category. Yaesu Musen Company Ltd presently consists of nearly 700 employees, including nearly 70 design engineers, serving a network of over 120 independent distributors in over 60 countries in addition to the United States. "Yaesu" is pronounced in three syllables: "ya" as in yacht, "e" as in red and "su" as in super. This is the name of a district in Tokyo where the first research laboratory was established. "Musen" is pronounced "mu" as in moon and "sen" as in sense, and is literal Japanese for "wireless".

Some years later, KEYKLIX (the magazine of the Santa Barbara Amateur Radio Club) included some personal observations from Ward French W3TQ (sk) who read the Break-In article. Ward recounts some early memories as follows: "I first met Sako Hasegawa in 1960 while my wife and I were living in Yokohama. . At that time I was serving as Resident Executive for the Far East for Sperry Rand Corporation. Part of my duties were concerned with a continued liaison with the Japanese electronics

industry. This, coupled with my interests in amateur radio, brought the fledgling Yaesu Musen activities to my attention, firstly as a source for a very fine ham band receiver and also as the producer of the excellent Single Sideband generator for use with the then prevalent AM transmitting equipment. During the course of my efforts to secure more information about the company and its products, I visited the plant in Omori, a suburb of Tokyo. The company was housed in what appeared to be a private dwelling atop a low hill and surmounted by a quad antenna. Hasegawa-san turned out to be a pleasant and cordial individual who spoke excellent English. His staff, while few, were busily engaged in the various tasks of the manufacturing process. The aspects of concentrated attention I to the production of products of high quality were obvious. During my conversation with Sako, he stated his policy to be to bring to the marketplace products of the highest quality at a fair price, and to emphasize customer satisfaction through excellent service. These policies have not varied through the years, and the company has grown from the small Omori operation to large factory operations which support Yaesu's presence In Its domestic and international-markets.

Sako is to be personally congratulated on the degree of devoted and concentrated effort he and his employees give to the Yaesu product mix. Unlike Kenwood/Trio where that mix includes hi-fi components, Yaesu has concentrated its efforts for the most part in the amateur radio field. A further observation is that the commendation is due Sako for his selfless devotion to his company, its products and its customers. I have visited company facilities many times and have accompanied him on his almost ceaseless rounds of company departments, checking here, correcting there, and never losing his composure or sense of humour. And he never forgets that he is a ham, whether it is personally handling a customer complaint, to which he always gives his attention. About the only times I have seen him close to anger is when he has discovered that one of his people has failed to accord a customer the degree of courtesy and fair treatment called for by company policy. Without going into detail, I am proud to have served Sako and his companies for many years as legal consultant, and as an officer and director."

Financial position as of month-end May

SEDXC Treasury: \$4584.21
Packet Fund: 20.15
Total Balance: \$4,604.36

Income: Bill Barr turned in \$110.50 in cash and checks that he'd collected to in connection with the outgoing QSL's. His cost was \$94.56 leaving the club with a nifty \$15.94 profit.

Disbursements in May included \$409.00 for the SEDXC 50th anniversary buttons; \$45.00 for expenses related to Neville's presentation to the club; and \$105.00 for videos that Neville requested as his 'speakers fee'. I purchased 100 IRC's for \$175.00 from N4XP.

IRC's are available at club meetings at a cost of \$2.00. That's a savings of fifteen cents compared to the post office (if you can find them).

The Club Year ends in June. That means that you should be thinking DUES!!

If you plan to pay at the club meeting, a check would be appreciated with your call noted on it. Of course I'll take cash, but watch me to make sure that I write down your call!! We don't want to erroneously subject anyone to the N4NX collection agency.

The booth was busy at the Atlanta Radio Club's hamfest. The gang signed up 4 new members and had a lot of folks drop by to renew their membership.

73 es DX
Mike, ND4V

This month there is an article in the July issue of QST Magazine on page 69 by Joel R. Hallas, W1ZR, that gives the same advise I have been giving to newcomers to Ham Radio that want to get on HF with an inexpensive antenna. That is, put up a doublet, as long as you can make it and feed it with ladder line

and a good tuner. He also shows the relative loss in several different feed lines and gives the percentage of power loss for each. Newcomers to HF read the article.

In other antenna news, two more of our members, Bill Barr, N4NX and Bob Allphin, K4UEE, have become owners of 4-element SteppIR antennas that are now in the air and operating thanks to the valiant efforts of "Brother Dave Johnson, K4SSU".

Have you got a story you would like to tell? If so why not write it up and send it in for all the club members to read. It could be a good technical tip, a good operating suggestion or maybe just a gripe you would like to get off your chest. Anything you would like to put before the members let us know and we will present it here.

DON'T FORGET THIS MEETING IS ELECTIONS. EVERYONE BE THERE TO VOTE. IF YOU HAVEN'T DONE SO BEFORE THROW YOUR NAME IN THE POT TO HOLD AN OFFICE!!!!!!!!!!!!

I KNOW WHERE THERE IS AN OPENING FOR BULLETIN EDITOR!!!!!!!!!!!!!!!!!!!!

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expressed by the contributors do not necessarily reflect those of the editor, officers, or club. We welcome your opinion.

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

N4XXM off line(2400) 144.91 (direct, Vinings),
off line(2400) 145.65 (direct or ATLDX)

Note: ATLDX is down right now, direct OK.

KS4Q (2400) 144.97 MHz; 'c saw3'

(2400) 145.63 MHz; 'c saw4'

(1200) 145.69 MHz; 'c saw5'

Once you get a connect on any of the three above frequencies, enter 'c saw1'. Once you get a connect to saw1, enter 'c ks4q' or simply 'dx'. or telnet dx.ks4q.net

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+

SEDXC WEBPAGE

www.sedxc.org

SEDXC REFLECTOR sedxc@contesting.com