



Southeastern DX Club

W4NT

THE SOUTH'S PREMIER DX CLUB

February 2011

President's Report:

It's almost time for our February meeting. We are getting the bulletin out a little earlier because our hard-working editor is headed to Orlando to staff the SteppIR booth very shortly. Be sure to look for Jim at the SteppIR booth if you are headed down. Dayton 2011 is in sight now, and as you saw, Gary is already taking reservations for the DX dinner. Be sure to let him know in the next few days if you want a seat at the SEDXC table. Once again we are going to have a pre-Dayton SEDXC dinner on Thursday night before the hamfest at the Stockyards. Harry Saunders is not quite ready to take reservations yet, but watch for his announcement.

As I was listening to VP8ORK on 160m CW over the weekend, I was thinking of my good friend W2JB, John Burgio, who passed away in the middle of last week. John had told me that once he hit 90 he was going to slow down a little. He had also told me a couple of years ago that he was going to leave his house in Caldwell, NJ to go up because he was going to enjoy DXing from his truly spectacular location till the last possible minute.



For those of you familiar with the area, there are not too many hams in Caldwell, NJ with an antenna farm like John's. You simply could no longer get antenna permits there. But John had been a ham for almost 75 years and was as grandfathered in as a ham could be. When John told me he was going to slow down a little at 90, he meant his CW was going to be reined in from his typical 50 wpm or to maybe 45 wpm. The last time I QSOed John, on 30m last summer, I once again had to request a QRS. John was a fixture on 160m when 160m was a low power band, fraught with navigation restrictions. In addition to DXing, he also operated the NJDXA packet node and the NJDXA repeater.

John was an Electrical Engineering graduate of Lehigh University. He was an FCC inspector, specializing in marine radio. In WWII he served as an officer with the 977th Signal Service Command in the Mediterranean and in Greece. No stranger to intrigue, he was honored by Senator Barry Goldwater for his part in freeing two civilian ships held for ransom in Indonesia in 1969. John and his wife Jane were one of those couples you could look at and know within minutes they were made for each other. Jane was New Jersey Secretary of State

under NJ Governor Thomas Keane, served in the New Jersey Assembly, and was a long-time fixture in the state and the national Republican Parties. John was also a very successful businessman. He had to be to pay the taxes in Caldwell! One of John's businesses was the largest "filling station" and garage in Madison, NJ, the city of Roses--and the city of millionaires. John frequently assembled with NJDXA buddies and budding DXers there, usually managing to end up in a local pub or restaurant. When gasoline was unavailable during the Jimmy Carter fuel crisis, John somehow managed to find just enough petrol to get NJDXA members to the monthly meeting and back--and he found enough to rescue my wife from a fuel-less emergency that had left her stranded in farm country very late one very cold winter night.

I am a little miffed at John, though. He had CW keying which was insistent and demanded a DX station answer it. He did this through spacing, weighting and undisclosed waveform shaping. If you worked John a time or two you could recognize his signal immediately in a pileup--and the DX always answered him before those of us in much greater need. For decades John had promised he would reveal his keying secrets to me before he passed away, but unfortunately fate intervened. John was the type of individual we all wish we could be, and ham radio will miss him greatly.

73, John. You will be sorely missed but not forgotten!

I hope to see all of you at the SEDXC February meeting, Thursday, February 17. See sedxc.org for directions and program details.

Bob W2WG

Vice President's Report:

We sure started off the New Year with January's great Club program presented by Chaz, W4GKF and many of the PJ6A DXpedition team. If you were not at the meeting you missed some great photos of the operation and many anecdotal stories.

While I am writing my brief addition to the newsletter, several of our Club members are active on the VP8ORK DXpedition. Hope everyone has been able to make your needed Qs to add to your DXCC totals. Just a couple of more days, good luck.

Have you checked for corrosion between your galvanized tower and your grounding cables and your equipment grounding post connected to your common ground plate? And, don't forget about your the aluminum antenna connections. Our February program will be presented by Mr. Robert Vail. Robert is an engineer that specializes in corrosion mitigation and will provide us some helpful insight to the effects of using dissimilar metals and important tips on preventing corrosion build-ups that can rob you of hearing that weak signal.

See you at our next meeting.

73
Jim C. KT4MM

Secretaries Report:

Due to other pressing duties or secretary was not in a position to present a report this month.

Last reports had him hanging over the rail of the "Braveheart" heaving into the South Atlantic on the way back from some "God-forsaken Island". Next month we expect an extended report.

Treasure's Report:

SEDXC Financial position as of January 31, 2011

The balance on hand in the operating account at the end of January was \$4844.73

Disbursements were as follows:

Holiday Party	\$ 967.07
Less Officers contribution	(200.00)
Plaque GA QSO	20.00
Great Lakes – badges	29.25

It looks like the DX world is coming back to life. We have several applications for funding to consider.

I hope you have managed to work the S. Orkney group, VP8ORK. They have been going strong with almost 52,000 QSO's reported on CLUBLOG as I write this. Check out the great pictures on their web site VP8ORK.com

Membership: We are in the bonus period. First Time New Members get a bonus. Their \$12.00 takes them to June 30, 2012. Talk it up!

Remember to get your iron-on patches and name badges to be properly attired in Dayton.

73 es dx
Mike, ND4V

Activities Manager's Report:

A big THANKS go out to N3FP (Fred), K4DLI (Jim), K4GK (Chas), N4NX (Bill), W4GKF (Chaz), and W2WG (Bob) for manning our table at the GARS Techfest last month. Also a cheer to W3WL (Wes) for presenting DX-101. Sorry if I missed anyone, as I had to dash out right after the table setup and missed all the great chili dishes.

Feb 26th (Dalton) & Mar 19th (Kennehoochee) start up the local hamfests. Dalton will at the North Georgia Fairgrounds – 500 Legion Dr – 145.230- talking, see www.w4drc.net) and Kennehoochee returns to the Cobb Fairgrounds (see www.w4bti.org)..

Hope everyone worked VP8ORK (South Orkney Island) at least once. See everyone at the Feb 17 meeting.

Gary – WB4SQ

This month Dan, KB6NU, had an article on "Fractal Antennas". This is a controversial subject and many wonder if they are practical or just so much hype. Anyway, here is Dan's article for you to consider.

QRZ.Com currently has a very interesting item on fractal antennas <http://forums.qrz.com/showthread.php?t=277623> . While the idea of applying fractals to the design and construction of antennas has been around for quite some time, very few hams have actually built them, and there are currently no companies building commercial fractal antennas for the ham radio market. The question, of course, is why?

Those that are hyping fractal antennas most notably W1YW, CEO of Fractal Antenna Systems claim several advantages. These advantages purportedly include wider bandwidth and smaller size when compared to traditional antennas, such as verticals and dipoles. Those that are trying to debunk these claims contend that this is all just hogwash, and that there's no real scientific basis for these claims.

One thing that's confounding this debate is that there have been very few articles published on the topic. For commercial reasons, W1YW has made his articles unavailable. He says that he will be publishing something real soon now, but there is nothing definite at this point.

There is at least one article on the Internet that describes the construction of a fractal antenna for amateur radio use. "FYI:FYQ:

Another look at the Fractal Quad Yagi" (<http://www.scribd.com/doc/18788401/FYIFQY>) was published in the October 1999 issue of 73 magazine. It describes the construction of a two-element, 10m antenna. Like most 73 articles, it's not incredibly technical, though, and doesn't really contribute to the technical debate, except to demonstrate that physically small antennas can be made using fractal design.

The PDF contains several photos of the antenna. It's a crazy contraption that looks relatively difficult to build. So difficult, in fact, that it makes me wonder if it's even worth it to try building one. After all, 10m antennas are not really all that big or all that difficult to build to begin with.

Even more interesting than the antennas are the personalities on both sides of the debate. The QRZ.com discussion quickly devolved into a flame war, with neither side scoring a knockout.

Personally, I think the brouhaha is much ado about nothing. It seems to me that it's been demonstrated that you can build antennas using fractal design techniques. They are physically smaller than traditional antenna designs, but you really don't get something for nothing. Overall, they don't have as much gain as Yagis or quads, and they're more complex to build.

My opinion on this is that if W1YW can build antennas that radiate a signal and can sell those antennas to someone, then more power to him. In the end, his company will live and die by how well, his antennas work and how much they cost when compared to antennas from other companies.

As for me, I think I'll stick with the more traditional HF antennas. If I need to make my antennas smaller, I'll use loading coils or designs such as the Moxon. I may not be on the bleeding edge of technology, but I'll certainly avoid a lot of headache trying to figure out who's right

By Dan Romanchik, KB6NU

If anyone out there has a good point of view they would like to present to the club, please send it in.

Please see the last pages of this bulletin for the request for funding that have been presented to the club.

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The SEDXC Newsletter is published monthly by the Southeastern DX Club . All opinions 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)

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

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

SEDXC Chat Room <http://sedxc.dodropin.org/>

SEDXC Yahoo Group

<http://groups.yahoo.com/group/sedxc/>

Entity Name / Call Sign	Republic of Afghanistan T6PSE.
Web page	http://www.intrepid-dx.com/t6pse/index.php
Team leader / number of members:	
Approx. Date and duration of Dxpediton	12 members - International team - 10 Day Operation (May 2011)
QSL manager / QSL route	QSL via W3HMK
Budget estimated for Dxpediton	\$105,000 (++) total
Position on most wanted list:	#31 CW-North America-Eastern Time Zone #18 SSB-North America-Eastern Time Zone
Landing permit/operating permission approved.	YES/LIC Callsign - T6PSE
Last time this entity was activated	2010 (Military) One Person, small set-up, limited time, etc
Typical interval between activations	Typical interval between activations 1 year
Anyone planning to activate this entity before your DXpedition	NO
Objective / Strategy	See http://www.intrepid-dx.com/t6pse/plans.php
SEDXC member initiating request	
SEDXC member(s) participating	
Funding amount requested	Funding amount requested \$250+
Send Funds to:	Banking Account: Intrepid-DX Group Paul S Ewing 3052 Wetmore Dr San Jose, CA 95148
SEDXC logo on QSL cards?	Group logo on QSL cards? Yes

	Group logo on web page: http://www.intrepid-dx.com/t6pse/sponsors.php
SEDXC logo on web page?	
Additional comments: First major Expedition to Afghanistan ever!	

Internal Use

Date published in the newsletter	
Results of member review at the meeting: (approved / disapproved)	
Funds disbursed on date:	
Funds disbursed by:	

Entity Name / Call Sign	VK9C/G6AY
Web page	www.g3swh.org.uk/vk9c-g6ay.html
Team leader / number of members:	G3SWH and G3RTE

Approx. Date and duration of Dxpediton	22nd February to 5th March 2011
QSL manager / QSL route	G3SWH
Budget estimated for Dxpediton	US \$9,400
Position on most wanted list:	The 2009 "Most Wanted" survey by The DX Magazine shows the Cocos (Keeling) Islands at #75 worldwide.
Landing permit/operating permission approved.	Not applicable (CEPT)
Last time this entity was activated	2007
Typical interval between activations	2-3 years
Anyone planning to activate this entity before your DXpediton	Not aware of any
Objective / Strategy	Propagation permitting, we plan to have two stations on the air for as many hours every day as is possible. Our main objective is to work as many European, North American and RoTW stations on as many bands as possible. We have set an expedition target of 15,000 QSOs.
SEDXC member initiating request	N/A
SEDXC member(s) participating	N/A
Funding amount requested	Greater than US \$100. Every little helps! Please do not send cheques in any currency other than Sterling or bank notes in other than Sterling or US \$. If necessary, I can provide you with bank account or Paypal details to facilitate electronic transfers.
Send Funds to:	phil@g3swh.demon.co.uk via PayPal
SEDXC logo on QSL cards?	Yes.
SEDXC logo on web page?	Yes

Additional comments: Operators and equipment

Phil Whitchurch, G3SWH has been licensed since 1963, is a member and past President of FOC (2003), member of RSGB, the Chiltern DX Club (CDXC) and the QSL Managers Society. A keen DX-er on CW only who has recently achieved DXCC Honour Roll status, has operated as UI8A/G3SWH, GU6YB/P (IOTA EU-114), SV8/G3SWH (IOTA EU-067), F/G3SWH/P (IOTAs EU-039, EU-068, EU-094), BY1QH/G3SWH, 5H3/G3SWH, 5H1/G3SWH (IOTA AF-032), GJ3SWH/P (IOTA EU-099), FR/G3SWH (IOTA AF-016), 5Z4LI (IOTA AF-040), 9M6PWT (IOTA OC-088), 5Z4WI (IOTA AF-067), 4S7WHG/A (IOTA AS-003), 8Q7WH (IOTA AS-013), ZS1/G3SWH, 5R8HA (IOTAs AF-013, AF-057, AF-090), ZS1RBN (IOTA AF-064), FO/G35WH (IOTA OC-152), FO/G35WH/P (IOTA OC-063), V8JIM (IOTA OC-088), 5T0CW, VP2V/G6AY (IOTA NA-023), VP2MTE (IOTA NA-103), 8R1PW, FH/G3SWH (IOTA AF-027) and VK9X/G6AY (IOTA

OC-002). QSL manager for 9M0C (1998), D68C (2001), 8Q7ZZ (2002), XU7ACT & XU7ACU (2003), 5R8GZ, 9G5XA and ZF2NT, amongst others.

Jim Kellaway, G3RTE has been licensed since 1962, is a member of FOC, RSGB, a past member of the IOTA Committee, a member of the Chiltern DX Club (CDXC) and of the GM DX Group, DXCC Honour Roll, (CW and Mixed), a keen DX-er on both CW and SSB, has operated as GI3RTE/P (IOTA EU-122), GJ3RTE/P (IOTA EU-099), G3RTE/P (IOTA EU-120), F/G3RTE/P (IOTAs EU-068 & EU-094), 5Z4LI (IOTA AF-040), 5Z4WI (IOTA AF-067), V8JIM (IOTA OC-088), 5T0CW, VP2V/G6AY (IOTA NA-023) and VP2MTE (IOTA-NA-103), 8R1PW, 3A/G3RTE and VK9X/G6AY (IOTA OC-002).

Rigs and antennas to be used:

1 x Kenwood TS-570D and 1 x Elecraft K2/100, wire antennas for all bands. Laptop computers for logging.

Internal Use

Date published in the newsletter	
Results of member review at the meeting: (approved / disapproved)	
Funds disbursed on date:	
Funds disbursed by:	

Entity Name / Call Sign	Jan Mayen Island, JX7VPA
Web page	http://janmayen2011.org (under construction)

Team leader / number of members:	Stan SQ8X, 8 team members in total: <ul style="list-style-type: none"> • Stanisław Strzyżewski, SQ8X – Poland (team leader, VK9LA, XR0Y) • Piotr Majchrzak, SQ9DIE - Poland • Tomasz Wieczorek, SQ9T - Poland • Viktoria Panagiotou, SV2KBS - Greece, (JW/SV2KBS, XR0Y, VP8YLG, ZL8X, VK9LA) • Leszek Lechowicz, NI1L - USA (XR0Y) • Deon Mitton, K6WH - USA (numerous operations as ZS/K6WH) • Bernhard Pfander, HB9AZS - Switzerland (VP8THU, VP8GEO, FT5GO, ZL8R) • 8th operator - TBA
Approx. Date and duration of Dxpedition	July 6-14, 2011
QSL manager / QSL route	SQ8X, Stan PO.Box 8, 38-600 Lesko, Poland
Budget estimated for Dxpedition	Approx. 37.000 USD (29.000 USD already paid)
Position on most wanted list:	# 73 (source: http://www.dxpub.com/dx_news.html)
Landing permit/operating permission approved.	Landing permission and ham radio license already arranged
Last time this entity was activated	2008
Typical interval between activations	3-4 years, there are no permanent operators at the island, there are temporary Norwegian hams working at the island activating the entity only in spare time, mainly in SSB 20m
Anyone planning to activate this entity before your DXpedition	no
Objective / Strategy	Jan Mayen island has been very rare on CW and digimodes, that's why we decided to focus on those modes. However SSB will not be omitted, of course. We also plan to activate the island on 6m – being there in July could help
SEDXC member initiating request	
SEDXC member(s) participating	
Funding amount requested	1500 USD
Send Funds to:	Stanislaw Strzyzewski, Szopena 18, 38600 Lesko, Poland BRE Bank S.A. INTERNET BANKING PL 30 1140 2004 0000 3102 0253 0730 BREXPLPWMBK

	Or via PayPal to: stachu@post.pl
SEDXC logo on QSL cards?	yes
SEDXC logo on web page?	yes
Additional comments: Unfortunately we won't be able to activate the island on 160m band - polar day with broad light 24/7 during our entire stay.	

Internal Use

Date published in the newsletter	
Results of member review at the meeting: (approved / disapproved)	
Funds disbursed on date:	
Funds disbursed by:	

SOUTHEASTERN DX CLUB MEMBERSHIP APPLICATION

www.sedxc.org

Date: ____/____/2011

Name: _____ Call sign: _____ Lic. Class: _____

Spouse: _____ Spouse Call sign: _____ Lic. Class: _____

Address: _____

City, State, Zip: _____

Daytime Phone: _____ Ext: _____ Evening Phone: _____

Cell Phone: _____ E-Mail: _____

ARRL Member (Y/N): _____ ARRL Life Member (Y/N): _____

Previous Callsigns: _____

Payment rec'd for:

Description	Amount	QTY
New individual membership (first time member):	\$12.00	
New (first time) Family membership:	\$25.00	
Student membership:	\$ 5.00	
Renewal membership (all except student) :	\$20.00	
Iron-on Patch or Pin	\$ 5.00	
SEDXC Call-sign Badge	\$ 9.00	
OTHER - PLEASE SPECIFY		

Make your check payable to: Southeastern DX Club
and if by mail, send to:

**Southeastern DX Club
c/o Mike Weathers, ND4V
207 Longview Dr.
Norcross GA 30071-2127**

Hamfest: _____
Accepted by: _____
Cash: _____
Check: _____
Photo: _____