



Southeastern DX Club

W4NT

THE SOUTH'S PREMIER DX CLUB

September 2008

Bar BQ SATURDAY SEPTEMBER 13TH 50th ANNIVERSARY CONTEST SEPT. 20TH & 21ST

From the President...

What a great meeting we had last month. I believe we set a modern day attendance record with about 70 members and guests in the room. The presentation by Hal Kennedy, N4GG, on K9AY low band antenna receiving systems was absolutely outstanding. As a result, I understand new low band RX antennas are springing up all over the area. In case you missed it, the entire presentation is on www.sedxc.org. Check it out! No Meeting in September as we are having our annual Bar BQ on Saturday, Sept. 13th...hope you can make it! Another large crowd is expected! See our website for details.

Then the Big Event....our 50th anniversary, worldwide operating contest is Saturday the 20th and Sunday the 21st. You are limited to 6 hours of operating each day. Details are on the website and included in this newsletter. Let's make a big showing with lots of SEDXC members on the air. Cool plaques to the winners!

Mark your calendars for December 7th! Yes it is Pearl Harbor day, but also the day of our 50th Anniversary Banquet/Holiday party. We have a signed contract with the Paper Mill Grill, in East Cobb and have lots of neat activities and surprises for the evening. It will be a fitting culmination of our 50th year as the premier DX club in the Southeast! CU at the Bar BQ and on the air during the upcoming contest!
73, Bob-K4UEE

Vice President's Report— September 2008

Got your K9AY up yet? The meeting room was packed for Hal's presentation—the largest crowd I have ever seen squeeze into the room. And it was an outstanding, interesting, and practical hands-on session. Kudos and thanks to Hal. A number of attendees asked that the presentation be put on the SEDXC website, and our magical webmaster got it there in short order—thanks, Chaz.

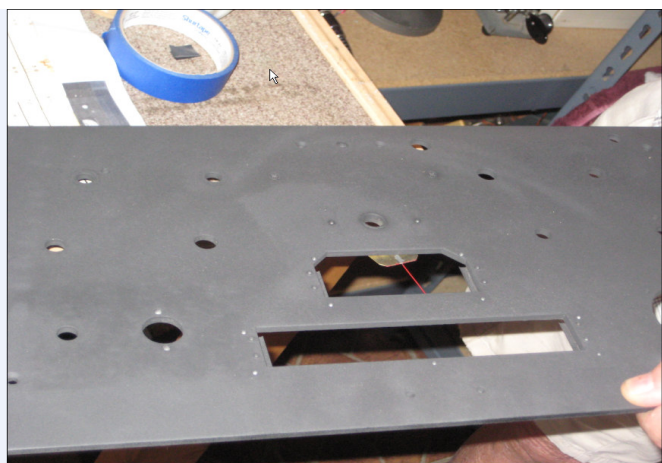
The HF bands seem to be lumbering out of their summer doldrums, and some of the DX you would expect to start hearing this time of the year has appeared. But the lazy old sun is still rolling around with no sunspots, though a pair showed up briefly and vanished a couple of weeks ago. The effective sunspot number was back to -5 as I write this—but the DX is there, at least on 20m and down, and there is some indication that we are going to have a good low band season.

K4DLI, N4DK, N4HH, and I went for a visit with club member K4VT, Gary Poorman, a few weeks back. Gary of course has a first class station (in fact two of them) and antenna farm, but the reason for our visit was his museum. Gary specializes in receivers, and if you want to see a Comet Pro, any of the early RCA communications receivers, Collins, Hammarlund, etc, you

need to stop by to see Gary. I have invited him to speak to us sometime next year.



Need to take an "improvement hole" out of an old panel? Gary can show you how to do this perfectly and can give you many unique restoration hints



Because of the picnic we will not be meeting this month, but let me remind you of the unique upcoming October program on "do it yourself" spectrum analyzers and related topics. This will include a hands-on session from a group of portable PCs. See the website for details.

In November, Don Nesbitt, the master of the Elecraft K3 will present "The Elecraft K3 - Configuration, Performance and Software Integration." This is one of the topics you requested, and Don is the person to cover the K3 from all angles. Thanks, Don! There are rumors Don is going to set up a first class DX installation in Florida sometime

soon. If so, I expect he will have very frequent visitors, especially by 160m enthusiasts. In January, Dave Johnson, the Tower Master, will present a customized version of his "Your First Tower" program which was a SRO in Huntsville. Dave can cover topics from introductory to advanced, so be sure to let him know just what you are interested in.

I hope to see you at the picnic.

73

Bob W2WG, SEDXC VP

From: Mike Weathers Treasurer's Report for August 2008

SEDXC Financial position as of month-end August

General Fund:	\$6,534.21
Packet Fund:	<u>20.15</u>
Total Balance:	\$6,554.36

I am still receiving dues payments for the Club Year July 1, 2008 – June 30, 2009. Thanks to all who have renewed. I try to send everyone an e-mail confirmation of your payment. If you haven't heard from me after a week, check on me. ND4V@arrl.net

Chaz who keeps the official role, tries to keep me straight but we have found that once (ok maybe twice ... ok who's counting) we screwed up. So, if our Membership Chairman, Bill/N4NX sends you an e-mail saying something about we carried you longer than your mother didConsider where he got the info and *gently* set us straight.

There is a motion on the floor that we try to buy some sunspots for the SEDXC contest weekend. Do I hear a SECOND?

73 es DX
Mke, ND4V

SEDXC Meeting Minutes

August 2008

(Thanks' to N4NX for taking minutes during N4GRN's absence)

Bob K4UEE called the meeting to order at 7:30PM.

There were seventy six (76) in attendance --- what appears to be the largest at a regular meeting...

Presidents Report: Bob K4UEE

- 1) Bob opened with the introduction of members and guest.
- 2) Bob reported on the status of KP5 and the efforts of his group and their application to be the first group to operate after a long delay in operations being allowed. He reported that his group's application was one of several that had been submitted. It appears that a least 3 applications have been made by members of the SEDXC.
- 3) Bob urged all to participate in the upcoming Club contest and to attend the annual club picnic on Sept 13.

Vice Presidents Report: Bob W2WG discussed:

- 1) Bob, W2WG announced that John Stanley, K4ERO would be the speaker at the October meeting. John is a ARRL technical advisor and will speak on spectrum analysis including a demonstration of the much talked about CW skimmer. (See our web site for the bio on John)

Secretary's Report: George N4GRN:

- 1) George is in Nova Scotia for a few weeks and thanks Bill N4NX for taking notes.
- 2) I attended the Halifax radio Clubs 75th Anniversary 3 days event. There were several hams that SEDXC members know --- Dave Sumner K1ZZ, Ann Santos WA1S, Mel Collins KA4KDZ, and Jeff Briggs K1ZM.

Treasurer's report: Mike ND4V

- 1) Nothing recorded

Activities Manager: Gary WB4SQ

- 1) Bob, W2WQ reported on the great turnout for presentations at the Huntsville Hamfest by our own Wes, W3WL & Dave, K4SSU. Wes gave the DX101 presentation plus the 3B7 DXpedition. Dave gave an excellent presentation on many aspects of tower erection. The attendance at both talks was to a "Standing Room Only" audience. It was suggested that if they talk again next year that a larger forum room be provided.

Membership: Bill N4NX announced the following:

- 1) N4NX reported that all of the first batch of the new QSLs that were ordered had been received and many were able to pick up their QSLs at the meeting. Everyone who had ordered QSLs

reported their complete satisfaction with the end product. New orders have been received and are in process.

50TH Anniversary:

- 1) Everyone was asked to please participate in the Anniversary Contest.

Webmaster: Chaz W4GKF:

- 1) Nothing recorded

How's DX?

- 1) During the what's new in DX portion of the program many reported having worked the official China Olympic station.
- 2) Clark, KE4RQ thanked those in the club who had really given him a fast start into the world of DX.

Club Business:

- 1) Nothing recorded

BREAK and RAFFLE:

Program:

Hal, N4GG gave an outstanding presentation on his version of the K9AY receiving loop. The club furnished cores and wire for all in attendance to wind their own matching transformers. Hal walked the entire group through the process. Hal said that there now there was no excuse for anyone at the meeting not to be able to build their own loop. Those present asked that Hal's entire power point presentation be put on the SEDXC web site at www.sedxc.org for all to see.

(Note. Chaz as usual has already made the presentation available there).

George Nicholson Secretary

Activities Report:

Thanks to Ken (K4TEA) and Trish Byers for once again being such gracious hosts for the annual club picnic on September 13th. Socializing begins at 5PM, dinner at 6:30PM. Don't forget to bring a dish. See the website for more information.

This year's club contest celebrates the club's 50th anniversary. We expect all 'radio active' members to participate by calling "CQ SEDXC" and adding "/50" to their call. This is our last chance to spread the word. Dates are Sept 20th 8AM – 2PM, Sunday Sept 21 2PM – 8PM. Again, see the web site for details.

The 9th annual TEN-TEC Factory Hamfest on Fri. Sept. 26 (2-7PM) and Sat. Sept. 27, 2008 (9AM – 2PM), in Sevierville, TN. This is also known as ‘SEDCO’. Tour of the Ten-Tec factory & meet the Ten-Tec factory representatives. They’ll have four HF stations on the air to try out the latest equipment, and a Friday night CW copying contest, 6:00 p.m. Winner takes home a new Bencher iambic paddle. Lots of door prizes too. For details see: <http://radio.tentec.com/Hamfest>.

And don’t forget to highlight November 1 and 2 on your calendar for the Lawrenceville hamfest. Once again, we’ll have booth space there and yours truly will be begging for your help.

73,

Gary McConville, WB4SQ

This month we have another biography of one of our members. I wouldn’t say he is and “Old Member” but, he has been around the club for a long time.



WF4W - R. L. "Tad" Williamson

I'm originally from Wildwood, Florida. I lived there from 1958 (that's right, I'll be 50 this year) until I moved to the Atlanta area around 1982-83. My wife is Karen and we currently reside in SW Marietta with our 5 cats,

MacBeth, Hercules, Rembrandt, Nekko and Dodge. MacBeth and Dodge often visit me when I'm operating.

I was first licensed as WN4CUG in 1973 through a class at Wildwood High School. My elmer/instructor was WB4OAC, Mr. Davidson. Our radio club station call was WB4ZNY. Our station included a Drake 2NT transmitter, a Drake 2C receiver and a Heathkit HG-10B VFO. Our antennas were all dipoles. a couple of years ago, I was given the original station components (the Drakes and the VFO) by Mr. Davidson and the high school. Seems they were going to scrap them. I plan to have them on the air in the near future. I was WA4CUG from 1975 until 1996.

I have had my extra since around 1987. I enjoy dx chasing, award chasing and contesting. I'm currently at 333 countries (including deleted) and 327 (Current). I recently obtained my 5-band DXCC award and am waiting on my DXCC Challenge plaque to arrive. Other awards include WAS-CW, WAS-160 and I'm 8 band-states away from 5-Band WAS. Currently, I'm using a Yaesu FT-2000 but will have an Elecraft K3 on the air very soon. Actually the K3 has been on the air a little, but I had a problem with one of the boards and am waiting on the replacement. I have a 42' crank-up tower/mast from Force12 and a Mosley MP-33 WARC. I also have an Off-Center fed dipole from K4ABT . I'm using a Radiowavz Bazooka for 160 meters. For Power "when needed" I have a TenTec Centurion. I also have Yaesu FT-847 in the shack as a backup rig that is also part of my portable set-up for Field Day and temporary operation on vacations. I enjoy adding to the automation of my station and work mostly CW and RTTY with occasional forays into SSB.

Some Of the highlights of my ham life are:

-Operating J6LAH with Carl WB4ZNH, Sandi KL7JAR, Phil W4GTS, Atze J6LAH and Jack KC4I during the 1988 CQWW SSB contest.

-Several multi-op Contests at Fred WW4LL's fine station.

-Operating the CQWW 160 Meter SSB contest from Neil Foster KC4MJ's (now N4FN) station several years in a row.

I have enjoyed the camaraderie and elmering from members of the SEDXC over the years. Everyone has always been very helpful and I have learned so much about DXing and contesting over the years from the members. Congratulations on the 50 years for the SEDXC!

Here is a little hint for all you CW types out there that may have trouble with your J-38 or Begali slipping around on the operation desk. This hint was purloined from the PVRC Newsletter along with the next article about the Hallicrafters Company.

A Remedy for Slipping CW Keys from Karl, K1KO

I have found that a rubber, woven material designed for drawer lining is absolutely outstanding for keeping my CW keys on the table where I put them rather than where they migrated to resulting from my nimble fingers (I think "hamfisted phalanges" is the more accurate term, if you'll pardon the inadvertent "ham" pun!).

It comes in rolls about 18" wide and a couple or three feet long -- much more than you'll ever need, of course -- but consequently can be cut with scissors into whatever size you need. I have a piece 6" x 4" under my Vibroplex and a piece 4"x4" under the Begali and neither key has moved 1/16" from where I put it. This stuff has the additional benefit of being easily moveable should you decide to do so -- just pick it up and put wherever it needs to be -- it simply rests on the desk rather than adhering to it via some chemical means.

I think a roll of it would be enough for 20-30 of the "usual" keys, but it's only about \$2.00 a roll, so feel free to be a plutocrat -- buy a roll, cut off what you need, and throw the rest of it to the junk box!!

The Hallicrafters Story 1933 - 1975 by Max de Henseler, HB9RS (1988) A Book Review by Jim, W6NRJ

Many of us were introduced to ham radio via the comfortable late night glow of tubes and dial lights from a Hallicrafters short wave radio. For this book reviewer (W6NRJ) my introduction came at my friend Bill's house in Champion, Ohio, at the age of 13. Is my story similar to yours? In Bill's attic, now a finished off knotty pine bedroom just like thousands of others in the Midwest, on a card table sat his new Christmas present, a Hallicrafters SX99.

A wire ran the length of bedroom on the floor and was attached to the radio. We turned it on and tuned the circular dial. All kinds of sounds came out of the speaker as we tuned across the bands -- buzz saw sounding noise, whistles, foreign languages, and in certain places where the dial guide paints was slightly thicker, the voices of men talking to one another. Bill said his Dad told him the men talking were ham radio operators. A new world had been discovered. The "ship" to the new world was the Hallicrafters receiver. The bug bit me. A life-long ham radio hobby voyage resulted. For Bill the receiver later seemed to get stuck on the AM band, pulling in the night time 50s super stations -- KYW, CKLW, WLS, WABC, WKBW. Nothing else bit.

So, again, how many of us have similar Hallicrafters introduction stories to tell? Perhaps the majority of us. To revive some memories of those earlier days why not enjoy reading this comprehensive history of the Hallicrafters company and its products written by HB9RS.

When you pick up the book to read, like the reviewer, you probably will scan the index looking for the reference to your first Hallicrafters receiver. After reading that portion of the book return to the table of contents to discover the book is organized as a chronological expose of product releases, starting in 1934 with the "Skywriter" series up to the FMP-300 Mark II "Safari" transceiver of 1973.

But before tracing the voluminous product release history starting with Chapter II, the

author asks you to “meet the founder,” Bill Halligan, in Chapter I. It seems appropriate that Bill was born just 4 months before Marconi’s signals crossed the Atlantic on March 27, 1899. Thus Bill Halligan’s life was coincident with most significant developments in radio technology. In fact, Bill and his company did much to contribute in their particular niche. Bill’s life-long ham radio interest resulted in tens of thousands of contacts as W9AC or W4AK. Bill was honored with many accolades for his life work and hobby pursuits, including Fellow appointments by the IEEE and RCA and significant government recognition for his company’s war efforts as a defense industry supplier during WWII.

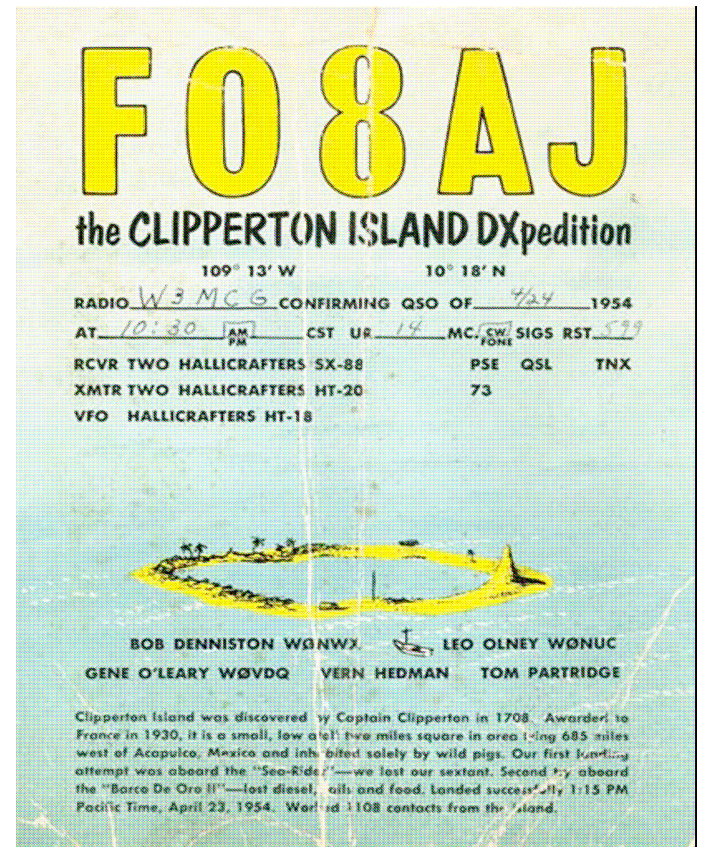
HB9RS includes many product pictures, schematics, and diagrams in his book. The text describes the various features, functions, and improvements made in each product, and where appropriate, relates why a certain product was significant in the evolution of receiver and transmitter technology.

From an historical perspective Chapter II covering the Golden Age of Radio from 1933-1941 is most interesting. During this period radio hams gradually moved from “100% home brew” to purchasing manufactured equipment -- if you were lucky enough to have any money during those Depression days. Allied Radio sold the Sky Rider for \$39.95 in 1934. Translate that to today’s dollar to realize just what we get for our money today!

Chapter IV covers the post war period. After the war ham radio and Hallicrafters took off together. This is the era when government surplus equipment was in competition with Hallicrafters for the ham’s dollar. During this time many products were introduced bearing the designations “SX,” “S,” and “HT.” Many of these units are still in use by hams today. This section should be of special interest to PVRers who were first licensed in the 50s or 60’s. The famous S38 series was introduced in 1946 with the “A,” “B,” “C,” and “D” updates through 1954. This beginners radio found its way to many a Novice ham shack. The famous SX101 and HT-37 were introduced in 1958 and 1959 respectively. A personal note: this was the upgrade from a DX100 and older receiver my Elmer, W8RZK, made at that time. To a 14 year old, the sophistication of the combination seemed the ultimate. Could anything better ever come out of the Hallicrafters factory?

Hallicrafters equipment and its people participated in many famous DXpeditions. One of the most famous related in the book was FO8AJ Clipperton in March, 1954, when the boat containing the five hams broke down 200 miles from the island.

The Chicago Tribune picked up the story and the stranding episode spread around the world. The five operators finally got to the island after intervention by the Mexican government and a U.S. Air Force general. In all it was great publicity for ham radio and equipment sponsor Hallicrafters radio.



The contributions Hallicrafters made to the ham radio art were many and far-reaching. How many of us realize as we read through the equipment specs today that the following were introduced by Hallicrafters: calibrated S meter, automatic noise limiter, temperature compensated oscillator, battery operated “all band” receiver, tee notch filter, upper/lower sideband selection, automatic ALC.

Reading *The Hallicrafters Story* is a trip down ham radio memory lane. Perhaps your reading of the book will trigger many memories of your earlier ham radio days. It seems appropriate that “H” is among the most significant letters in

amateur radio. There's "ham" then Hallicrafters then Heathkit. In the history of ham radio commercial equipment having widespread appeal and distribution, Hallicrafters plays second fiddle to no one.

The Hallicrafters Story by Max De Henseler, HB9RS, is

available on CD from the Antique Wireless Association

<http://www.antiquewireless.org/museum/museumstore.htm>

Halligan's Hallicrafters International Home Page:

<http://w9wze.net/>

That is about it for this month. Except see the last pages to review the request for assistance from 3 different DXpeditions.

Be sure to attend the Bar-B-Q this weekend at Ken's and sorry I won't be there to enjoy it with you.

Also, on the 20th and 21st don't forget the BIG SEDXC CONTEST celebrating 50 years of Dxing.

Here are the rules.

During the twelve hours of total operation, you're encouraged to work as many stations on as many bands and modes as you can. Club members will be signing their call sign with "/50" appended (like: W4NT/50). Only a log summary sheet will be required for scoring -- and an optional free program will be available tailored to this event to do the logging. We hope that all 200+ members of the SEDXC and thousands from around the world will be on the air for this event!

Dates:

Saturday and Sunday Sept 20-21, 2008

Activity period:

Saturday 8:00am - 2:00pm EDT (1200-1800Z)

Sunday 2:00pm - 8:00pm EDT (1800-2400Z)

Categories

Single operator only.

Bands

160, 80, 40, 20, 15, 10, 6 Meters

Modes

CW, SSB and RTTY/digital only. Use one mode, two modes or use them all for more QSOs.

Exchange:

Signal report, name

Scoring:

One point per QSO. You may work the same station on multiple bands/modes for point credit.

Multipliers:

One multiplier per band, per mode. You work a minimum of one station per band/mode to earn the band/mode multiplier(s).

Example:

If you work at least one station on these bands/modes:

160 CW, 80 CW, 80 Phone, 40 CW, 40 RTTY, 20 Phone, 15 Phone, 10 Phone

..your multiplier total would be eight. If you had 100 total Qs, your score would be 800.

Maximum multipliers: 21 (seven bands, three modes)

Recommended frequencies:

160M	1.810-1.820 CW	1.850-1.860 Phone
80M	3.530-3.540 CW	3.810-3.820 Phone
40M	7.030-7.040 CW	7.185-7.195 Phone
20M	14.030-14.040 CW	14.240-14.250 Phone
15M	21.030-21.040 CW	21.310-21.320 Phone
10M	28.030-28.040 CW	28.410-28.420 Phone
6M	50.085-50.095 CW	50.130-50.140 Phone

*RTTY/Digital contacts on conventional frequencies

Awards:

Winners will receive a 7" x 9" wooden plaque like this:

- Non-SEDXC club members:
- Overall Winner, all modes
- * CW Winner

- * Phone Winner
- * RTTY/Digital Winner

- SEDXC club members:
- Overall Winner, all modes
 - * CW Winner
 - * Phone Winner
 - * RTTY/Digital Winner

No participant may win more than one plaque.

Log Submission:

A blank Summary sheet can be downloaded from our web site; entrants will email the summary sheet by going to the web site. Entries must be received by October 1, 2008.

Operating:

Members call "CQ SEDXC"

Members sign their call + "/50"

Packet Spotting of contest participants is encouraged.

Operators may use the maximum power allowed by their license class and their country or 1500W, whichever is less.

Check the SEDXC web page for any last minute instructions.

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)
N4XMX 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

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Entity Name / Call Sign	Lakshadweep Island/ VU7SJ (may be with personal calls -/Vu3...)
Web page	Still not established
Team leader / number of members:	DL9GFB/ 4 mbrs.
Date of Dxpediton	24.October – 04th November 2008
QSL manager / QSL route	DL9GFB / may be also personal calls (depends on ministry+lic.)
Budget estimated for Dxpediton	23.100,-\$
Position on most wanted list:	Different places in different parts of the world
Landing permit/operating permission approved.	YES, announce by NIAR
Last time this entity was activated	2007
Typical interval between activations	12 – 15 years
Anyone planning to activate this entity before your DXpedition	no
Objective / Strategy	Activity on all sw-bands +6m (if good condxs) and modes
SEDXC member initiating request	
SEDXC member(s) participating	no
Funding amount requested	Pse in accordance with your possibilities;
Send Funds to:	See enclosed bank connection!
SEDXC logo on QSL cards?	YES
SEDXC logo on web page	YES
Additional comments: We have to ensure the transport of the high amount of materials and we want to take over the cost of the Indian team member because he has not the possibilities to ensure the payment alone.	

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	The Gambia - C56EA
Web page	Www.dx4dx.com
Team leader / number of members:	EA4BT (8 members, 6 operators for this Dxpediton)
Date of Dxpediton	15-23/10/2008
QSL manager / QSL route	Francisco Campos EA4BT P.O. Box 1315 28800 Alcalá de Henares (Madrid) Spain
Budget estimated for Dxpediton	18,000\$
Position on most wanted list:	
Landing permit/operating permission approved.	Operating Permission is in process but all indicates that will be granted withouth any mistake
Last time this entity was activated	2007
Typical interval between activations	1 Year
Anyone planning to activate this entity before your DXpediton	
Objective / Strategy	15,000 QSOs, Running 4 Stations 24 hours
SEDXC member initiating request	
SEDXC member(s) participating	
Funding amount requested	Anyone
Send Funds to:	DX4DX Caja Madrid IBAN ES26 2038 1905 49 6000149762 BIC CAHMESMMXXX
SEDXC logo on QSL cards?	According to the amount received (Exceding 100\$)
SEDXC logo on web page	YES
Additional comments:	This Dxpediton thought is at holidays stile, will look for as many QSO,s as posible, lending special attention to all USA Oms. The members are experimented operators that have joined in previous Dxpeditons as HQØR, TGØR, HU4U, TK9Z, AM9ML, TZ6DEL, HQ2R, 4W6R

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	Bangladesh AS-127 – Callsign Pending
Web page	http://s2iota.eb7dx.com/
Team leader / number of members:	S21RC , S21DM, S21AM, S21S
Date of Dxpediton	29th Nov – 4th Dec 2008
QSL manager / QSL route	EB7DX
Budget estimated for Dxpediton	3.000USD
Position on most wanted list:	44
Landing permit/operating permission approved.	YES
Last time this entity was activated	
Typical interval between activations	
Anyone planning to activate this entity before your DXpedition	Don't know.
Objective / Strategy	Work more QSOs possible, EU and NA, specially.
SEDXC member initiating request	
SEDXC member(s) participating	
Funding amount requested	Any help welcome.
Send Funds to:	Paypal eb7aey@gmail.com Contact me.
SEDXC logo on QSL cards?	yes
SEDXC logo on web page	yes
Additional comments: At the moment QSLs only Direct, waiting confirmation Spanish Bureau, LOTW after 1 year and USA Contacts can be send to ARRL directly bureau after 1 year.	

Internal Use

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Funds disbursed on date:	
Funds disbursed by:	