

SOUTHEASTERN DX CLUB

W4NT

THE
SOUTH'S
PREMIER
DX CLUB

February 1993

HERR FLEGLE'S HORN

-Larry Flegle, N4TMW, President

What a contest! It looks like everyone's score is higher than last year. Looking forward to seeing the club total.

Hope everyone worked AH1A. I didn't but that's another story.

I need some members to volunteer to spend an hour each at our table at the Kennahoucee Hamfest, March 20th. Let me know if you can help.

See you at the next meeting.

-Larry

VICE PRESIDENT'S COLUMN

de John Tramontanis, N4TOL

Greetings fellow DX'ers. It was great to see such a large and enthusiastic crowd at the January meeting. We had a fine turnout of members and guests, and welcomed several new members into the fold. The film of the VP8SSI DXpedition was well received by all, and provided a glimpse of a most unique and harsh environment for the team of DX'ers. Many thanks to el Presidente, Larry Flegle, N4TMW, for securing this video for the club.

The program for the February meeting is still in the works. I look forward to seeing you on the 16th. I encourage you all to attend, enjoy the fellowship, and please continue to bring your friends, as we have expanded our ranks with some fine new members in recent months.

73 de - N4TOL

NEXT MEETING TIME & LOCATION

Tuesday, Feb 16th, 7:30 PM, Old Hickory House in the Days Inn, Roswell Rd., just inside I-285
Come join us early for dinner.

ACTIVITIES CORNER

-Chuck Ogburn, AB4OH, Chairman

Please be sure to compete in the upcoming contests:

Feb 20-21	ARRL DX CW
Feb 26-28	CQ WW 160m SSB (work 4U1UN)
Mar 6-7	ARRL DX SSB
Mar 27-28	CQ WW WPX CW

Don't forget to put Southeastern DX Club on your summary sheet. Also, please send me your scores on hard copy (e.g. summary sheet) instead of other mediums such as packet, voice, or telephone. A separate sheet is required for each contest because the copies are filed by contest- not by call sign. The results of this fall's contests will be published next month!

73, Chuck

TREASURER'S REPORT

-Dave Thompson, K4JRB
(VIA N4TOL)

BALANCE	\$3015.02
4U1UN	160.00
TOWER	5.00
CLUSTER	69.15

The SEDX 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.

SECRETARY'S REPORT

by Buddy Harrell, W4OUN

MINUTES FROM JANUARY 19, 1993 MEETING

The meeting was brought to order by Larry, N4TMW, followed by introduction of all present. After introductions, there was a brief report on the Baker/Howland DXpedition. It was reported that Bob, K4UEE and others were at that moment enroute to the islands. Approximate travel time to be five days.

There was discussion that money collected for the 4U1UN antenna will be used for coax. No objections were voiced. Also, it was indicated there is space for an additional operator for the SSB portion of the 160M contest if anyone is interested.

The club roster was passed around for review and corrections.

A very interesting and informative tape of the VP8SSI operation was presented. (Looks like a good place to send the mother-in-law on vacation.)

Larry reported that Sam Silverman must step down as Treasurer. I'm sure we will all want to thank Sam for the excellent job he has done as Treasurer. Dave Thompson, K4JRB was selected as replacement by acclamation. Miscellaneous.

Plans for what we will be doing in conjunction with the Atlanta Hamfest must be decided soon. Neil Foster will be at the Kennehooche Hamfest on March 20 manning the SEDXC table and checking cards.

QSL's are in for Carl and Martha's Ethiopia operation and should be going out soon.

73 and DX de Buddy, W4OUN

CQ 160M CW CONTEST

I actually ventured out into the world of 160M CW last week. It didn't hurt a bit! I listened a few times to get the call of the stations calling CQ but I muddled through 49 QSO's. Even got Verne and Dick at 4U1UN and Ken, K4TEA at KP2A. If I can do it, so can you! The SSB 160M is coming up, check Chuck's column.

-N4XXM

DX TIDBITS

-Rick Glisson, N4XXM

This month I'll talk about a very impromptu comparison between the W9GR DSP unit and the JPS NIR-10 DSP unit. Please remember that this was a very subjective comparison and not an exact scientific experiment. I took my W9GR unit over to Jim's, N4UCK, house and we daisy chained them.

In the noise reduction mode, the W9GR unit was more aggressive than the NIR-10. The audio was, however, more pleasant in the NIR-10. This was probably due to the faster clock speed and 14 verses 8 bit A/D conversion. Another plus for the NIR-10 was that the amount of reduction was adjustable. The W9GR unit has some high frequency noise due to the audio circuits being too close to the data lines but this is supposed to be corrected by some modes which I haven't done yet.

In the multiple notch filter mode, the NIR-10 was better at removing carriers toward the outer edges of the bandpass. Both were good in the middle of the bandpass. The major disadvantage of any audio filter is that a strong carrier will affect the AGC and lower the signals you want to hear below the noise level. It will spare your ears, but you may not be able to hear the signal. That will have to wait until the same type of filter can be put in the IF.

One thing that the W9GR unit has is a choice of digital CW filters. Most are 200Hz filters, centered on different frequencies. One that is unusual is the 30Hz filter, centered on 750Hz. I used that during the 160M CQ CW contest to great avail. Worked Ken, K4TEA at KP2A in a crowd.

Whichever unit you go with, you will be a much happier DX'er. Eliminating even part of the white noise and unwanted carriers will make DX'ing a lot more fun. Jim and I tended to favor our own units (no surprise) but both of us would not be without them. With the sunspots dying, DX'ing will belong to the innovative!

See you in the pileups...

-Rick

SEDX MEMBERSHIP LIST

CALLSIGN	FIRST NAME	LAST NAME	CITY	ST	HOME PHONE	WORK PHONE
AA4S	RON	BAILEY	SHELBY	NC	704-487-0337	704-868-5530
AB4HF	JOEL	HOAG	CALHOUN	GA	404-625-1261	629-4711
AB4OH	CHUCK	OGBURN	DUNWOODY	GA	668-9435	395-7740
AB4RU	RON	HOOPER	LULA	GA	677-2800	967-6181
AB4VO	DAN	PEGRAM	MACON	GA	788-4996	781-0332
AC4QT	GREG	WAITS	ROSWELL	GA	993-5216	982-0248
AC4VJ	DONALD	SCHMIDT	MARIETTA	GA	565-8758	565-8758
AE6E	NEAL	SULMEYER	WOODSTOCK	GA		
K0EU	RANDY	MARTIN	WHEAT RIDGE	CO	303-423-3713	303-986-6950
K2UFT	T.R. "DICK"	BENTLEY	DUNWOODY	GA	393-2150	913-3624
K4BAI	JOHN	LANEY	COLUMBUS	GA	404-561-7391	649-7840
K4DLI	JIM	STREIBLE	MARIETTA	GA	993-1767	955-1775
K4EZ	BEN	ADAMS	DECATUR	GA	321-6407	
K4FWR	ROBERT	BUTLER	KENNESAW	GA	428-5172	238-5886
K4GFH	HARRY	SAUNDERS	ATLANTA	GA	352-2946	607-5028
K4HGG	DALE	NORDIN	MARIETTA	GA	422-9120	528-7171
K4JAG	JOHN	HARDEN JR	ATLANTA	GA	355-4850	
K4JRB	DAVE	THOMPSON	NORCROSS	GA	448-0588	
K4KG	BILL	JAY	DOUGLASVILLE	GA	942-3192	
K4LDI	DAVID	MEADOWS	MARIETTA	GA	955-5509	
K4MZW	JACK	RAY	DOUGLASVILLE	GA	920-0440	
K4NNK	GARY	ALTMAN	ATLANTA	GA	843-8487	257-8422
K4ODL	RANDY	TUDOR	MARIETTA	GA	971-3821	750-6478
K4PHE	BOB	SMITH	LAWRENCEVILLE	GA	963-9078	982-4233
K4PI	MIKE	GREENWAY	DOUGLASVILLE	GA	942-4576	715-1277
K4ROZ	DALE	SCHWARTZ	ATLANTA	GA	955-1007	658-8097
K4RPK	LEE	FOSTER	ATLANTA	GA	261-5990	
K4SB	ED	SLEIGHT	POWDER SPRINGS	GA	439-0116	
K4SEU	JIM	FLETCHER	COVINGTON	GA	787-7221	786-2955
K4SMX	STEW	WOODWARD	VERO BEACH	FL		
K4TEA	KEN	BYERS	ATLANTA	GA	955-5800	843-1000
K4UEE	BOB	ALLPHIN	MARIETTA	GA	953-3828	956-0300
K4XR	CRAIG	COMPTON	NORCROSS	GA	446-7383	497-7651
K6EID	PHIL	FINKLE	MARIETTA	GA	425-6173	494-7190
K8CFU	ARCH	DOTY	FLETCHER	NC	704-684-5871	
KA4C	DWIGHT	DOVER	CANTON	GA	926-2030	479-2601
KB0G	TIM	HEGER	MCDONOUGH	GA	914-2525	785-3500
KB4BBC	RAYMOND	HENSLER	SENOIA	GA	599-3736	
KB4IT	MORRIS	JOHNSON	GRIFFIN	GA	228-6789	
KB4J	GARY	LINS	NORCROSS	GA	448-1166	447-3728
KB4NJ	SAM	SILVERMAN	SMYRNA	GA	433-8606	494-7981
KB4SSS	ANN W.	STREIBLE	MARIETTA	GA	993-1767	641-0922
KC4I	JACK	FISHER	ALPHARETTA	GA	475-5225	573-6726
KC4M	HARRY	EARLY	ALPHARETTA	GA	751-0613	
KC4MJ	NEIL	FOSTER	ATLANTA	GA	449-3340	
KC4UZ	BILL	WALL	LOGANVILLE	GA	466-4353	
KC4YNE	ROBERT	DeGRIPPO	LAWRENCEVILLE	GA	963-4542	986-9541
KC4YRW	BILL	SLATTON	ROSWELL	GA	587-1918	475-2515
KD4APU	KATHERINE	MORGAN	CANTON	GA	887-7172	
KD4APW	JAMES	PEELER	MARIETTA	GA	924-8110	698-6960
KD4KQH	DAVID	WAITS	WOODSTOCK	GA	442-9901	
KE2WB	JOHN	JARVIS	AUGUSTA	GA	706-737-8858	
KF4CI	KEN	CRANDALL	ATLANTA	GA	992-6353	551-8188
KF4IX	CLAY	WHIFFEN	MARIETTA	GA	973-6880	
KI4XO	JOHN	SMITH	ROSWELL	GA	641-1576	426-4261
KI4Y	JOHN	TALIPSKY	NORCROSS	GA	447-5674	395-1067
KJ4VX	WYATT	MOORING	CALHOUN	GA	706-625-3638	
KL7JAR	SANDRA	JORGENSEN	DULUTH	GA	476-1374	261-9400
KL7TF	DON D.	JONES	COVINGTON	GA	787-6755	787-2429
KM4FV	DELAINE	MCCARTHY	ROSWELL	GA	993-9758	642-2003
KM4KB	CHARLES F.	EARHART	WOODSTOCK	GA	924-3524	
KM4LS	BILL	RONAY	DECATUR	GA	939-2452	
KM4MG	MARTIN	STERN	ATLANTA	GA	255-0059	255-4025
KM4TD	CONNIE	TUDOR	MARIETTA	GA	971-3821	
KN4B	WAYNE	OWSLEY	DALLAS	GA	445-3090	
KN4H	KEN	THRASH	DECATUR	GA	633-1124	676-2048
KN4VE	HAROLD	HERRING	DONALSONVILLE	GA	912-524-5002	
KO4RQ	JAMES	KAUTEN	ATLANTA	GA	233-9700	355-9515
KO4WE	RICK	WAITS	WOODSTOCK	GA	442-9901	321-5266
KO4XF	BILL	BURNETTE	CUMMING	GA	887-7567	457-5987
KS4Q	ERNIE	ZINGLEMAN	SMYRNA	GA	319-1967	699-1505
KT4M	BOB	FLACK	ATLANTA	GA	636-7490	
KX4R	GREG	CARTER	TAYLORSVILLE	GA	706-386-0797	974-6054
N3AHI	JAMES	HOLT	SUGAR HILL	GA	945-3655	442-9345
N3FDU	MICHAEL	BONELLI	ALPHARETTA	GA	343-9528	SAME
N4DBO	SEYMOUR	SOLIDAR	ATLANTA	GA	239-0755	988-9991
N4HH	DON	NESBITT	ATLANTA	GA	257-0463	426-3410

SEDX MEMBERSHIP LIST continued

CALLSIGN	FIRST NAME	LAST NAME	CITY	ST	HOME PHONE	WORK PHONE
N4HOH	JACK	HAGUE	DOUGLASVILLE	GA	949-1964	943-5263
N4IA	BOB	DUGGAN	ATLANTA	GA	636-2110	424-5929
N4NX	BILL	BARR	ATLANTA	GA	399-0824	257-6800
N4ONI	ROY	CONLEY	MARIETTA	GA	424-6491	656-0676
N4ONZ	GLENN	MILLER	FAYETTEVILLE	GA	599-6419	601-922-6363
N4REE	DALE	GAUDIER	DUNWOODY	GA	396-1332	458-1212
N4RJ	HUGH "VAL"	VALENTINE	LOGANVILLE	GA	979-3400	469-3000
N4SBI	RON	TINGLE	NORCROSS	GA	381-6993	331-2344
N4SE	MAC	McCARTHY	ROSWELL	GA	993-9758	
N4TB	THOMAS W.	BRADLEY	DECATUR	GA	634-7228	
N4TMW	LARRY	FLEGLE	WOODSTOCK	GA	928-3022	901-3027
N4TNZ	FLORENCE	MONTGOMERY	ATLANTA	GA	255-1348	
N4TOL	JOHN	TRAMONTANIS	MARIETTA	GA	587-4623	843-5253
N4UCK	JIM	ALTMAN	ATLANTA	GA	589-8145	526-8868
N4VZ	ROBERT	PETERSON	CONYERS	GA	922-3900	922-3900
N4XKU	EVELYN	GREENWAY	DOUGLASVILLE	GA	942-4576	
N4XMX	RICK	GLISSON	ATLANTA	GA	352-5349	522-8364
N4XY	ED	TANTON	MARIETTA	GA	971-0436	
N4ZTT	HAROLD	VINCENT	BUCKHEAD	GA	485-7025	
NF4A	BOB	FORREST	ROSWELL	GA	993-8797	
NF5Z	RICHARD	POWELL	ROSWELL	GA	992-1058	
NN4K	VADEN	McDONALD	STONE MOUNTAIN	GA	491-8665	263-5900
NU4D	NEAL	STARKEY	ATLANTA	GA	270-1200	
NZ3I	TAD	DANLEY	BUFORD	GA	513-9252	449-4150
VK5QW	KEN	STEVENS	GLENELG	SA	08-2944061	
W0CP	WALT	STINSON	ENGLEWOOD	CO	303-770-3926	303-744-1179
W4BFR	BRUCE	MONTGOMERY	ATLANTA	GA	255-1348	
W4BTZ	AL	SMARR	ATLANTA	GA	233-1585	237-4148
W4DMB	DUB	DAWKINS	MARIETTA	GA	428-3096	
W4DXI	CLAY	GRIFFIN	ATLANTA	GA	753-0601	
W4GIW	VAN	FAIR	NORCROSS	GA	446-8840	446-9111
W4GKF	CHAZ	CONE	ATLANTA	GA	394-2663	399-6099
W4GTS	PHIL	LATTA	MARIETTA	GA	973-2185	
W4LVM	WAYNE	MUELLER	ROSWELL	GA	993-0418	257-3285
W4MGX	MATT	BLENDER	DUNWOODY	GA	396-3093	257-0777
W4MWT	JIM	WILSON	KENNESAW	GA	427-7744	
W4OUN	BUDDY	HARRELL	CLARKSTON	GA	296-7641	493-2272
W4OWY	BOB	FUSS	MARIETTA	GA	973-4021	392-2350
W4QO	JIM	STAFFORD	ROSWELL	GA	993-9500	529-8894
W4RSO	HUGH	PRICE	AVONDALE ESTATE	GA	299-0663	
W5CBN	JOHN	HILL	MARIETTA	GA	973-7265	888-2287
W5OOJ	HERMAN	CROW	GEORGETOWN	GA	374-2001	
W8BLA	VERNE	FOWLER	ROSWELL	GA	993-2909	518-4634
W8ZF	DEAN	FREDRIKSEN	SUGAR HILL	GA	932-1018	925-5530
W9RR	GEORGE	SENSIBAR	DACULA	GA	962-7342	962-6800
WA4APM	DAVE	CURL	LAWRENCEVILLE	GA	339-1082	662-7872
WA4BNN	MIKE	HENRY	ALPHARETTA	GA	446-1000	446-1000
WA4BWZ	HERBERT	HATTON	CARROLLTON	GA	834-2791	834-1010
WA4CTC	VANT	MORELL	ACWORTH	GA	425-8515	835-2526
WA4CUG	R.L. "TAD"	WILLIAMSON	MABLETON	GA	696-7803	446-8722
WA4FTM	ROBERT	BRADY	ATLANTA	GA	457-9907	
WA4FVT	BILL	STRICKLAND	ATHENS	GA	549-2847	548-5541
WA4JTI	DAN	McLEAN	GREENVILLE	TN	615-638-5907	615-638-4161
WA4NIB	VERNON T.	UNDERWOOD	ATLANTA	GA	875-4026	
WA4PBW	WINSTON	WHITLOCK	ATLANTA	GA	436-1441	351-4211
WA4PPS	BOB	OSGOOD	SNELLVILLE	GA	972-0659	
WA4QMQ	JOHN	REASONER	BOWLING GREEN	KY	502-842-5355	502-745-6242
WA4VDE	BILL	DUNBAR	CANTON	GA	479-5889	
WA4YED	CARL	GOLDEN	ATLANTA	GA	351-3937	352-2930
WB4FHF	ROB	HAZEN	CANTON	GA	924-7972	345-7384
WB4FQP	HERMAN	HAZEN	DECATUR	GA	634-5648	892-1076
WB4GNT	ALLEN	BOND	MARIETTA	GA	973-6251	951-7067
WB4ZNH	CARL	HENSON	FAIRBURN	GA	964-7765	765-3366
WD4ABO	RICK	MORGAN	CANTON	GA	1-887-7172	
WD4FWE	ARLISS	NIX	MORELAND	GA	404-253-8999	
WD4RPC	KARL K.	OFFERMANN	KENNESAW	GA	426-4558	255-5610
WFOU	DON	GRIDER	MARIETTA	GA	924-6228	
WI4K	CAROL	SHRADER	VIRGINIA BEACH	VA	804-363-2457	
WN4FVU	MARTHA	HENSON	FAIRBURN	GA	478-3255	
WN4S	JIM	LONG	LILBURN	GA	921-5854	331-4116
WS4F	STEVE	ADAMS	CORNELIA	GA	778-8318	778-8600
WV3G	MALCOLM	RINGEL	ATLANTA	GA	233-3020	231-0084
WX4G	BOB	BROCKMAN	ALPHARETTA	GA	664-8773	688-4181X248
	TIM	WHITEHEAD	MARIETTA	GA	973-1231	

KH5K & KH5, KINGMAN REEF & PALMYRA ISLANDS.

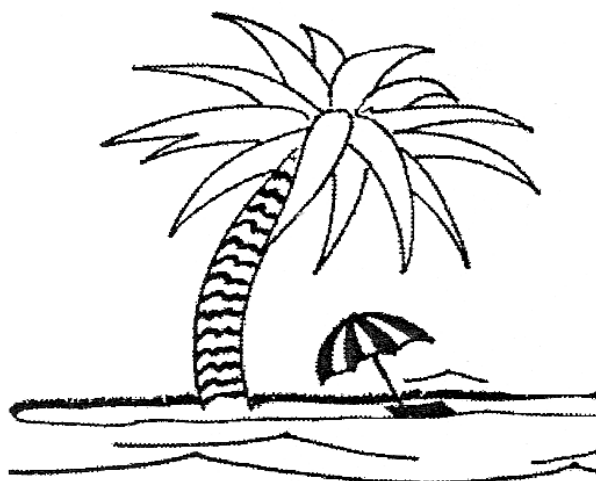
The following is a progress report of the preparations for the combined KH5 and KH5K operations:

Operators at this stage include N0AFW, N9NS, W7KNT, NH6UY, VE5RA, OZ1LGF, G0LMX, HB9AEE, HB9AHL, PA3DZN and PA0ERA. The radio-equipment has all been taken care of and is on the way to Honolulu, Hawaii. Antennas and other materials are being collected and sent to Hawaii as well. W7KNT and NH6UY will test all equipment in Honolulu prior to departure.

Special attention will be taken in account on the difficult path to Europe, either short or long path. Therefore, during openings to Europe at least two stations will be working Europe, on two different bands or on the same band CW and SSB simultaneously. Special attention will be paid to typical sunrise/sunset propagation. It is imperative that KH5K is the driving force of this DXpedition, and it will have priority in the decision making. It is evident that outside the few hours that there are conditions to Europe, the objective is to hand out as many new ones as possible.

The target is to make at least 40,000 QSOs from KH5K, and at least 20,000 from KH5. The CW/SSB share should be fifty-fifty. Other goals are to be active as much on WARC and low bands. During the first days of the operation only a few bands may be used to maximize the number of individual call signs to give as many a new one as possible. This is a complex operation, as far as frequency coordination is concerned because of the simultaneous operation from two rare countries and the possibility of overlapping pileups.

Here are the freqs to watch:



KINGMAN REEF:

CW - 1835, 3505, 7020, 10104, 14020, 18070, 21020, 24895, 28020

SSB- 1835, 3795, 7075, 14195, 18115, 21295, 24935, 28495

PALMYRA:

CW - 1825, 3525, 7005, 10124, 14045, 18095, 21045, 24915, 28045

SSB- 1825, 3790, 7085, 14145, 18145, 21245, 24965, 28395

SIX METERS:

KH5K: 50.110 beacon and transmit frequency

KH5 : 50.120 beacon and transmit frequency

RTTY: 14080, 21080 and 28080 for both locations. It is evident that KH5 and KH5K cannot operate simultaneously on one band. NOTE: RTTY will commence during the last 3-4 days of the operation.

(KH5K is needed (1#) World Wide on this mode)

This information from the Ohio DX Bulletin, Feb. 8.

**THIS IS YOUR CLUB
PLEASE TELL US
WHAT TYPE OF
PROGRAMS YOU WANT**