

NARS NEWS

The Northwest Amateur Radio Society

Houston, Texas

September 1996

DXing Subject of September Meeting

This month's program focuses on DXing, one of the exciting facets of amateur radio. DX -- the abbreviation for distance on CW -- has long held an allure for many hams. It is the ultimate attraction for many. Bill Gary K8CSG will discuss some of the facets of DXing, and will introduce a videotape program which depicts one of the most successful DXpeditions ever -- the story of the 1994 operation from Peter I Island.

Peter I Island was discovered in 1821 but was not landed upon until 1929. It is so remote and difficult to reach that no

operation had ever taken place from it until 1987. By 1994 it had become the most wanted DXCC country of all. The team that implemented the DXpedition made approximately 60,000 contacts with amateurs throughout the world. The planning that went into the mission is explained and depicted in the video; it should be interesting to all hams, and especially those who enjoy working DX or want to work DX.

Bill will also display his collection of DXCC cards for confirmed countries, and other interesting items.

FCC Public Notice

Federal Communications Commission, 1919 M St., N.W., Washington, D.C. 20554

August 22, 1996

Amateur Station Vanity Call Sign System Filing Gate 2 Opens September 23, 1996

Amateur operators who meet the following eligibility standards may request a vanity call sign on or after September 23, 1996. File your request on FCC Form 610-V. Legibility is critical! If the information on your application is not legible, you could experience a delay in processing, lose the opportunity to obtain a requested call sign or even obtain a call sign different from what you want. You must hold an unexpired amateur operator/primary station license grant of the proper operator class, as described below, to request a vanity call sign for your primary station. To request a vanity call sign for a club station, you must also hold an unexpired club station license grant listing you as the license trustee. Refer to the licensee data base to verify that the call sign you are requesting is not already assigned. A call sign is normally assignable two years following license expiration, surrender, revocation, set aside, cancellation, void ab initio, or death of the grantee. See Fact Sheet PR5000 Number 206-V AMATEUR STATION VANITY CALL SIGN SYSTEM. For explanations of Groups A, B, C and D and the geographic Regions, see Fact Sheet PR5000 Number 206-S, AMATEUR STATION SEQUENTIAL CALL SIGN SYSTEM.

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Call Sign Coincidence

Dick Rooney W5VHN has been licensed since 1938 and it wasn't until last year that his son, Mike, decided to obtain his license. He and his wife, Gloria, sail a 32 ft. Catalina and a lot of their fellow mariners have amateur installations to stay in touch with the mainland. Mike and Gloria received their license the first of this year. Her call is KC5VHM and, lo and behold, Mike's call is KC5VHN.



Dick Rooney (right) W5VHN and son Mike (left) KC5VHN.

Important Dates

Saturday-Sunday, September 14 & 15 - Contest: ARRL VHF QSO Party

Friday, September 20, 7:30 pm - NARS monthly General Membership meeting, Spring Cypress Presbyterian Church - Eyeball QSO's, 7:00 pm

Saturday, September 21 & 22 - Service Event: Wings Over Houston Air Show, see John Allen KC5JRS 873-8719

Tuesday, September 24, 7:30 pm - NARS Board of Directors meeting, IHOP, 5790 FM 1960 W, just West of Champions Forest Dr.

Saturday, September 28, 8:30 am - VE License Exam Session, Tomball Community Center, S. Cherry & Market streets (just South of Main)

Monday, September 30 - NARS News deadline for articles to appear in October issue

Notice:

NARS membership dues is \$25 per year, renewable on anniversary of last year's full payment.

BREAKFAST

at Victors

4710 W FM 1960

Saturdays

8:00 AM

President's Corner

September 1996

We just had the August NARS Board of Director's meeting and we viewed the latest release of the NARS Web page. Now you can view all the latest club information out there on the World Wide Web on the Internet. Here are just a few pointers for you. First, a web page is an evolving thing: it is not cast in stone. If you have an idea for the web page just click on the "webmaster" spot and an e-mail will be started. Drop us a line and tell us about your idea. Second, if you want to e-mail a member, find him on the roster and click on the e-mail address (if there is one). A mail window will pop up and all you have to do is start writing, and click on send. Nifty, huh? Third, there are clickable links to other, amateur related sites, including AMSAT for Keplerian satellite elements.

The web site will have back issues of the newsletters. However, I must remind you that it will not become a vehicle to publish the newsletter. We will still use snail mail for that purpose. There is something about getting the newsletter out of the mail box and holding it in your hot hands that feels sooooo good.

Remember, the WWW page is subject to "poetic license." All omissions, misspelling, etc. are purely accidental and not intentional. If you have any likes or dislikes about the page please see me or drop me a line. Please do have a little patience with us because we are just learning the web. Go for the GUSTO.

The address is <http://www.flash.net/~nars>

O.J. WA1YIA is getting together a radio Santa Claus near DXpedition to visit a couple of local hospital children's wards in December. He is looking (listening) for a Santa voice and helpers. This promises to be a very exciting and rewarding opportunity for you.

The board has approved providing radio support for the Sun Mart Texas Trail Endurance Run to be held at the Huntsville State Park on December 14, 1996. This is a 50 mile and 50 kilometer run sponsored by the US Track and Field organization for athletes to qualify for other events. If you would like to volunteer to do this please see me.

The nominating committee chairman has been appointed and he will be approaching members to be next year's officers. Boy Howdy, it is hard for me to believe that it is already September.

At August's meeting the speaker was Tom Comstock N5TC. He is the ARRL West Gulf Division Director. He had some very interesting information for us. The most important message he had was we should make our likes and dislikes known to our league representatives.

This month's meeting topic is a DX program by Bill Gary K8CSG. This promises to be a very interesting look at yet another aspect of ham radio. I am chomping at the bit to see y'all there.

By Walter Hock KK5LO

FCC Public Notice Continued

Continued from Page 1

NOTE: A separate Public Notice will be released providing guidelines for the implementation of electronic filing procedures for FCC Form 610-V.

REQUEST BY LIST (PRIMARY OR CLUB STATION) - Provide a list of up to 25 call signs in the order of your preference. The first assignable call sign on your list will be assigned to your station. When so requesting for your primary or club station:

* The call sign must have been unassigned for at least two years.

* If you are an Amateur Extra Class operator, each call sign must be in Group A, B, C or D. **NOTE:** Advanced, General, Technician Plus, Technician, and Novice Class operators are not yet eligible to request by list. Advanced Class operators will be eligible at Gate 3. Others will be eligible at Gate 4.

* Each call sign must be one designated for the Region of your mailing address as follows:

** One of the contiguous 48 states - Regions 1 to 10.

** Alaska - Regions 1 to 11.

** American Samoa - Regions 1 to 10, or Region 13 having numeral 8.

** Commonwealth of Northern Mariana Islands - Regions 1 to 10, or Region 13 having numeral 0.

** Guam - Regions 1 to 10, or Region 13 having numeral 2.

** Hawaii - Regions 1 to 10, or Region 13 having numeral 6 or 7.

** Puerto Rico - Regions 1 to 10, or Region 12 having numeral 3 or 4.

** Virgin Islands - Regions 1 to 10, or Region 12 having numeral 2.

REQUEST BY FORMER HOLDER (PRIMARY STATION) - Opened May 31, 1996. For your primary station, you may request a call sign that was previously assigned to your primary, secondary, repeater, auxiliary link, control, or space station. When so requesting for your primary station:

* You may request your former call sign even though it has been unassigned for less than two years. The two year requirement does not apply to an otherwise eligible primary station if the call sign was previously assigned to a station of the requester.

* You do not have to hold a class of operator license required for the Group (A, B, C, or D) for the call sign requested. A call sign request by former holder may be from any Group in the sequential system.

* Your mailing address does not have to be in the Region designated in the sequential system for the call sign requested. A call sign requested by former a holder may be in any Region.

Continued on Page 3



by Keith Dutson

I am gratified to see more interest from our members in producing articles for the newsletter. Harry Gage is now a regular contributor and Bill Rister is not far behind. Thanks fellas. Now Rick Aikman K15ME is interested in starting a column on graphics. I have asked him to design a new banner for the newsletter.

Anybody interested in contesting? I tried my hand at single-op during last month's NAQP. Let me tell you, it is a real challenge to keep the QSO rate up when you are running 150 watts through a choice of a couple of dipoles. But it was a real blast anyway! I ended up with 155 Q's and 78 mults for a total of 12,090 points. This pales in comparison to the multi-op efforts of others, but I expect to improve over time...

In Bill Denton's Contest Connection column, Bill suggests that NARS enter the next Sweepstakes contest as a club. The date is November 16-18. Plan to be a part of this team effort!

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FCC Public Notice Continued

Continued from Page 2

REQUEST BY CLOSE RELATIVE OF FORMER HOLDER NOW DECEASED (PRIMARY STATION) - Opened May 31, 1996. For your primary station, you may request a call sign that was previously assigned to the primary, secondary, repeater, auxiliary link, control, or space station of your now-deceased spouse, child, grandchild, stepchild, parent, grandparent, stepparent, brother, sister, stepbrother, stepsister, aunt, uncle, niece, nephew, or in-law. When so requesting for your primary station:

- * You may request the former call sign of a close relative now deceased even though it has been unassigned for less than two years. Upon the death of the holder, a call sign is assignable immediately to an otherwise eligible primary station of a close relative.

- * You must be an Amateur Extra Class operator to request a Group A call sign.

- * You must be an Amateur Extra or Advanced Class operator to request a Group B call sign.

- * You must be an Amateur Extra, Advanced, General, Technician Plus, or Technician Class operator to request a Group C call sign.

- * You must be an Amateur Extra, Advanced, General, Technician Plus, Technician or Novice class operator to request a Group D call sign.

- * Your mailing address does not have to be in the Region designated in the sequential system for the call sign requested. A call sign requested by a close relative of former holder now deceased may be in any Region.

- * You must show your relationship to the deceased person exactly as listed in the instruction, i.e., child, niece or in-law.

- * The license grant of the former holder now deceased must have been deleted from the licensee database. That is accomplished by a relative of the deceased submitting a signed request to have the license grant canceled accompanied by a copy of an obituary or death certificate. The request for cancellation must be submitted to the FCC, 1270 Fairfield Road, Gettysburg,

PA 173257245 prior to filing the application for a vanity call sign.

REQUEST BY FORMER HOLDER (CLUB STATION) - Opened May 31, 1996. For the club station for which you are the license trustee, you may request a call sign that was previously assigned to that station. When so requesting for a club station:

- * You may request your club station's former call sign even though it has been unassigned for less than two years. The two year requirement does not apply to an otherwise eligible club station if the call sign was previously assigned to the club station for which the requester is the license trustee.

- * You do not have to hold a class of operator license required for the Group (A, B, C, or D) for the call sign requested. A call sign request by former holder may be from any Group in the sequential system.

- * Your mailing address does not have to be in the Region designated in the sequential system for the call sign requested. A call sign requested by a former holder may be in any Region.

REQUEST IN MEMORIAM (CLUB STATION) - Opened July 22, 1996. If you are the license trustee for your club station, you may request in memoriam for your club station the call sign previously shown on the primary, secondary, repeater, auxiliary link, control, or space station license of a deceased person who was a member of the club. When so requesting in memoriam for your club station:

- * The club must have held a club station license grant on March 24, 1995, or you must be an Amateur Extra Class operator.

- * You may request the call sign even though it has been less than two years following death of the club member. Upon the death of the holder, the call sign is assignable immediately to an otherwise eligible club station.

- * You must have in your station records a written statement (do not send to FCC unless requested) from a spouse, child, grandchild, stepchild, parent, grandparent, stepparent, brother, sister, stepbrother, stepsister, aunt, uncle, niece, nephew, or in-law of the deceased

confirming the deceased person's association with the club and showing consent of the relative to your request.

- * You must be an Amateur Extra Class operator to request a Group A call sign.

- * You must be an Amateur Extra or Advanced Class operator to request a Group B call sign.

- * You must be an Amateur Extra, Advanced, General, Technician Plus, or Technician Class operator to request a Group C or D call sign.

- * Your mailing address does not have to be in the Region designated in the sequential system for the call sign requested. A call sign requested in memoriam may be in any Region.

- * You must enter the relationship to the deceased person giving consent exactly as listed in the instruction, i.e., child, niece or in-law.

- * The license grant of the former holder now deceased must have been deleted from the licensee database. That is accomplished by a relative of the deceased submitting a signed request to have the license grant canceled accompanied by a copy of an obituary or death certificate. The request for cancellation must be submitted to the FCC, 1270 Fairfield Road, Gettysburg, PA 17325-7245 prior to filing the application for a vanity call sign.

A \$30.00 fee is required with your FCC Form 610-V application. Payment of fees may be made by check (payable to "FCC"), bank draft, money order or credit card. If paying by credit card, you must also complete and submit FCC Form 159 with your FCC Form 610V. Do not send cash.

Send your application package to:
Federal Communications Commission
Amateur Vanity Call Sign
Request P.O. Box 358924
Pittsburgh, PA 15251-5924

If you do not qualify under the aforementioned eligibility standards, your application will be dismissed. A future public notice will announce Gate 3 which will have expanded eligibility standards.

For further information, contact the Consumer Assistance Branch at 1-800-322-1117. -FCC-

Submitted by Walter Holmes WD5GAZ

DX News

DX NOTES -- *"The man who never in his life, Has washed the dishes with his wife, or polished up the silver plate -- Is a DXer par celebrate . . ."*

August began with the Solar Flux at 80, with the A at 14 and the K at 3. Band conditions were relatively poor, with lots of summertime noise and other QRN. The TDXS DX Cluster had numerous and frequent spots, but many were put up by DX stations themselves. Within a week the SFI had dropped into the low seventies and below. However, Cycle 23 may have begun! There is a good probability that the new cycle began earlier this summer. It will be a while before we know for sure, but a tiny bit of improvement may be seen during September.

On Aug. 22, 15 meters was open to Midway for the contact there at 10:30pm local. On Aug. 23 the SFI climbed to 73 and there was an excellent 20-meter opening into Africa. On Aug. 26 the SFI was at 75 and the A index hit 11, but there was another opening into Africa. These changes may be merely seasonal, but they may also have more important implications.

DX worked: 4X1FQ (Israel); VK6LC (W. Australia); P29TL (Papua New Guinea); AH4/AH0W (Midway Island); 5Z4RL (Kenya); 7X2LS (Algeria); TJ1PD (Cameroon); UV5D (Ukraine); HB0/DL1AZZ (Liechtenstein); GD4PTV (Isle of Man); T91ELD (Bosnia Herzegovina); 9G1BL (Ghana); TJ1HP (Cameroon); ZL1AXQ (New Zealand); ZB2JO (Gibraltar); LY1TR (Lithuania); Z31FK (Macedonia).

DX heard: ZL1AMO (New Zealand); YI1AS (Iraq); 5R8DA (Madagascar); JG8NQJ/JD1 (Minami Torishima); D2FIB (Angola); 5B4XF (Cyprus); ET3BT (Ethiopia); T92M (Bosnia Herzegovina); 4X6UO (Israel); 5A1A (Libya).

KB5YVT is proud of working EM1KA (Ukraine) on 160 meters. WA1YIA and KM5AO worked 7J1AYK/JD1 for a new one (Ogassawara Isl.). O. J. also worked

AH4/AH0W (Midway) for another new one the same evening.

ZL8RI cards are coming out now; mine arrived Aug. 9. After their successful DXpedition to Kermadec in 1996, the Kermadec DX Assn. is planning to go to Campbell Island next: in January, 1999. Auckland and Campbell Islands have not been especially easy to work for many years. Although on the air as recently as early this year, it is still in considerable demand. Like Kermadec, these islands are difficult to get to and difficult to get permission for landing. My contact in 1978 remains the only one I have from Campbell, although I did work Kiyoko ZL9YL on Auckland in 1991.

YK0B operated by some 20 German operators will be on for about a week from Syria during the first week in October. Since the death of an old friend a couple of years ago (YK1AA, Syria's first licensed amateur), Syria has been fairly difficult to work. It was never that easy, since Rasheed had a big mountain directly between his home and North America. I used to enjoy ragchewing with him from HZ1AB (to the South of him). This might be a good chance to work a fairly difficult country.

Dan Tassell KC5PCB reports he worked a TG5 (Guatemala) on ten meters recently using his home-brewed version of a B&W vertical antenna. Nice going, Dan!

WA5MLT is talking about returning to the HF bands after having his station in storage for several years. H. O. says he has found the equipment and antenna in good shape. However, the DX cards are still missing!

WA1YIA is busy working DX on 40 meters and having relatively good success at it. He recently worked A61AM in Qatar and HB0/DL1AZZ. Dick W5VHN worked T91ELD for a new country on Aug. 26.

Some of the best news is that KE5IV and the trustworthy DX cluster there returned to Houston availability on Aug. 28. I

finally obtained a connection with Kenny's facility via TDXS95 on 144.95 MHz. No info on what has been done to make this possible, but it is certainly welcome regardless of the route and reason(s).

October 16-22 should see an expedition to 3C1, Equatorial Guinea. Teo EA6BH plans to be there, operating as 3C1DX. 3C1 is a relatively rare spot on the DXCC list and this may be a good opportunity given conditions on the bands.

Eritrea (E3) has been very quiet since the opening burst of activity from E35X in mid-1993. A recent inquiry brought a negative reaction, identical to that received a year ago by the same individual. Supposedly, a key individual in the telecomms ministry was in Norway, studying their rules for amateur radio.

8Q7AS should be on the air from the Maldives Islands for about ten days to two weeks, beginning around September 8. This is a good one for K5ZTY and AB5TV, since Andy prefers QRP CW.

Bill Gary K8CSG

August Exam Session Results

NARS conducted its regular examination session on August 24, with nine candidates being examined on 14 elements. Three General class licenses were successfully earned, along with two codeless Technicians.

Noteworthy successes of NARS members included Harry N5WIZ, who passed his Extra class written element, and Bob KC5JZO, who passed his General class code and thus became a General class licensee.

The number of VEs matched the number of candidates, including K8CSG, K5ZTY, AB5TV, WA5DWX, KI5ME, KB5ZXO, KZ8E, WA1YIA and KJ5IP.

Submitted by Bill Gary K8CSG

Some SIG List Case Histories

Some time ago Paul Owen N5NXS remarked to me that he liked my articles on the Special Interest Group Listees. He also thought I should consider following it up with some sample case histories to show club members what kind of problems some SIG Listees have encountered and what solutions were arrived at. I put all the SIG names in a hat and pulled out some at random. Their stories appear below.

Deral Kent K5WNO was contacted by Jim Kirk KJ5IP on getting into working the Russian satellites RS12 & RS13. Deral helped Jim install the software STS+ and the operating frequencies on the uplink on 15 meters and the downlink on 10 meters: also the times and dates of the orbit passes. Since then Deral reports Jim has contacted at least 12 states and 3 countries, and has had fun with the set-up: problem solved. The main provision, Deral says, is that you have a transceiver with split VFO capability between Frequency bands. Other types of set-ups will work; for details please call Deral at 548-7476.

Bob Argo KC5JZO made a couple of visits to the QTH of Dick Rooney W5VHN to help him with file management procedures on Windows 95. He also helped Dick get his DOS program installed and working: problem solved. Bob also recently upgraded to General Class and is having fun with HF operating; congratulations Bob.

Allen Majeski WA5REJ, along with Deral Kent K5WNO and Walt Hock KK5LO, helped to set up a short tower for satellite antennas at Dick Rooney's QTH. They raised the tower manually (without the aid of a vehicle), and set it on 3 pipes sticking out of a buried concrete foundation. The job was done in about one hour. Allen also made a couple of visits to Dick to set up a packet station. Regarding the tower, Dick had assembled the antennas, and then assembled them to the tower prior to the raising effort. Well done to all: problem solved.

O.J. Quarles WA1YIA is working currently on a problem with Mark Condit KM5AO's TS830 Kenwood rig. It has intermittent power output. New tubes (6146's) have been installed; that has

helped some but he is still not getting full power on 15 & 10 meters. O.J. has done alignment procedures on coils, I.F.'s and mixers. O.J. further suspects the unit may have defective screen grid resistors: investigation continues.

Bill Steitenroth, K5ZTY and O.J. separately worked on a Heathkit HW-8 QRP CW transmitter that belongs to Madison Jones AB5TV. The rig had no output on 40 meters: O.J. took off a few turns on a toroid coil and brought the inductance back to usability. At that point he turned the unit back to Bill who readjusted the turns using an oscilloscope and a spectrum analyzer fairly close to the original spec. The ferrite core is an FT37-63 which Bill says is no longer available. At first Bill & O.J. thought the coil's adhesive may have become semi-conductive, but this was not the cause of the frequency shift. Final theorization was that the unit at some point had suffered a high voltage surge that had altered the permeability of the toroid's mix thus changing the inductance and thereby causing the frequency shift. Madison is now able to happily dit - dah on 40 meters: problem solved.

The last case is the heart attack my station rig suffered some months ago. I had very little output on all bands on my linear - it was found the tubes were blown. Also the Kenwood TS440S transceiver would not tune up properly on the 17 meter band.

George replaced a bad diode in the automatic antenna tuning circuit and the rig's ability to tune up barefoot on 17 meters was restored. At that point I still had trouble tuning the linear (Ameritron 811) on the 17 meter band. Through all these stages correct diagnosis was given (and gratefully received) by Jim Kirk KJ5IP, O.J. Quarles WA1YIA, Bill Gary K8CSG and Bill Denton WA5DWX. O.J. & Bill visited and used their SWR analyzers to check out the antenna, transmission line, cable jumpers, the transceiver and linear. Bill Gary was the last to diagnose and we took the linear back to George who adjusted the 15/17 meter coil to tweak that band back into proper operation. The station has been operating just fine now for some time, and I offer my thanks to all these men for

their advice, help and a job well done: problem solved.

This is just a sample of the cases handled by the SIG Listees. Do you have an amateur radio problem? If you do, look at the SIG List in this newsletter and call the appropriate specialist for advice, and get started on the road to solving the problem.

73 Harry Gage N5WIZ

Special Interest Group (SIG) List

K5ZTY, Bill Stietenroth
893-3901, General Help
WA5DWX, Bill Denton
469-8331, General Help, Antennas
WA1YIA, OJ Quarles
955-1555, HF, General Help
WA5REJ, Allen Majeski
353-8652, General Help
WA5SAJ, Larry McCain
469-6709, General Help
AB5TV, Madison Jones
350-4330, General Help, CW
K8CSG, Bill Gary
537-9240, General Help, DX
KC5EZQ, Bill Rister
537-8596, 694-6074
VHF/UHF, General Help
K5WNO, Deral Kent
548-7476, RS12/13, Satellite
KC5RCC, George Carlson
376-8307, Electrical Design,
Troubleshooting
KA3BKU, Don Bedell
370-6576, Packet
AB5XU, Sid George
537-0920, License, Upgrade
N5BA, Brian Derx
894-5942, VHF
KC5JZO, Bob Argo
288-7430, Computer Operating,
Win'95
WD5DXL, Keith Dutson
351-7683, Computer Programming
W5NKZ, Jerry Smith
444-4491, HF, Advanced OSCAR, Antenna
KB5DTB, Joy Smith
444-4491, HF, Advanced OSCAR, Antenna
N5WIZ, Harry Gage
370-7488, Basic Advice - RFI
W5VHN, Dick Rooney
288-8424, Satellite

Contest Connectio.

This was an exciting month for those of us at NARS who like to do a little bit of contesting. At the August general meeting we were presented with plaques from the Texas DX Society for our participation in the Texas QSO Party. NARS won first place in the club competition and the group operating at my station for the highest scoring Texas entry. A special thanks to TDXS for the great looking plaques.

In August we also got the results of the January North American QSO Party. We placed 6th overall operating in the multi-op category as WA5DWX. We have just completed the August NAQP. Although our score was lower than the one in January, we still did well with 170,000+ points. A total of 13 operators came to try their hand at the mic's. Since the sunspot cycle is at its lowest point, I had decided to take this opportunity to rebuild my shack and do some painting to dress things up a little bit. It was time to clean out all the decayed peanut shells and dead QSO's. I was not planning on participating in the August NAQP. A couple weeks prior to the contest my radios were scattered all over the place. I have two complete stations on one eight foot long console and it was completely disassembled. However, reconstruction of the console progressed a little faster than I had thought it would and I was able to get enough copper together in time for the contest.

In addition to the 13 operators, Margaret Quarles (WA1YIA) and Anita Townsend (WA5MLT)

brought over some great vittles. Any time any of the NARS bunch gets together, food will be involved. Thanks ladies. The operators were: WA1YIA, KJ5IP, N5KEU, KK5LO, KK5LD, KB5ZXO, KB5SGV, KC5IKL, K5ZTY, KM5AO, WA5DWX, WA5MLT and K8CSG.

Several of the guys around the club participate in QRP contests. This month K5ZTY, WA1YIA, WA5POK, KK5GJ and KB5YVT worked the Colorado QRP Summer QSO Party. They all reported good scores. K5ZTY was using a OHR 400 5 watt rig that he had just built and WA5POK was running a mighty home brew 6L6 rig that had just finished. They both were operating at the K5AAD shack. On September 21st is the Montana QRP Field Contest. The requirement for operators in this contest is they have to operate from the field, very much like our regular field day in June. They will be running 5 watts or less. I'm sure that most of these guys will be there and will try and recruit some help. The last time they went out in the field with all that power they "nuked" the grass in a 50 foot circle and it took months for it to get green again. They have a blast with their QRP rigs.

We are looking forward to the November Sweepstakes. We hope to enter this one as a club, so stay tuned.

73 Bill WA5DWX
bdenton@tenet.edu

NARS BOARD OF DIRECTORS

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Mark Condit, KM5AO 550-5659

FOR NARS INFORMATION CALL

Marian Denton, 469-8331, for General Information and Bill Gary, 537-9240, for VE Exam Information or send E-Mail to novotny@tenet.edu

NARS BREAKFAST every Saturday
8 AM at Victors, located at 4710 W FM 1960. Informal ragchew.

NARS NETS

NARS RAGCHEW - MONDAY 8:00 PM
28.444 MHz

NARS INFO - WEDNESDAY 8:00 PM
146.06 / .66 MHz

Net Coordinator

OJ, WA1YIA

NARS REPEATERS

2 M - 146.060 / 146.660 MHz
Digipeter - 145.71 MHz
Call (KC5OGI) Alias (NARS)

NARS NEWS is published monthly by Northwest Amateur Radio Society

Editor: Keith Dutson, WD5DXL

Send all Articles and Materials for the Newsletter to: 24415 Deep Meadow, Tomball, TX 77375, (713) 351-7683, EMail 70570.405@compuserve.com

Northwest Amateur Radio Society is a Special Service Club affiliated with the American Radio Relay League.

ARRL Club No. 2120

NARS Mailing Address: P.O. Box 690342, Houston, TX 77269-0342