

NARS NEWS

The Northwest Amateur Radio Society

Houston, Texas

December 2001

December Meeting – Home Brew & Silent Auction

Bring your home-brewed pride and joy to the meeting this month and tell us all about it. Also, bring some cash (small bills preferred) or your checkbook if you wish to bid on the many items that will be donated to NARS. All members are urged to bring those pieces of equipment, books and other items that are not being used, to the meeting for donation to the club. The highest bidder for each item is the winner. Also, NARS members may bring their items for sale at auction. A minimum bid may be placed on the item. NARS will collect a 5 percent commission on each sale up to a maximum of \$5.

See you at the meeting.

Annual Banquet Notice

Howdy Narsians. It's that time of year again when we need your attention focused on our Annual Awards Banquet. It will be held on January 18, the 3rd Friday of the month, our usual meeting night. As was the case last year we will have an evening filled with friends, entertainment and great food. Our menu will be the same as last year: tossed salad with assorted dressings, roast beef and mushroom gravy, marinated grilled chicken breast, a veggie medley, potato dish of some sort, and a desert medley. A cash bar will also be available for those of you old enough to enjoy the occasional adult beverage.

Plan to arrive at 6:30 PM. The evening's festivities should conclude at or around 9:30. The dinner venue will again be Wyndehaven Terrace located at 12716 Cutten Rd.

The costs associated per person are the same as last year. For NARS members and their families the cost is \$18.00 per person and for non-members \$20.00. We require that your RSVP be accompanied by your \$\$\$\$. We must give the hall a number of dinner guests to expect 7 days in advance of our date, and NARS is required to pay for those meals, show or no show. If you expect to eat we must receive your RSVP and money before hand (preferably 7 days before). Please send RSVP's and checks to the NARS PO Box. Joe Sokolowski will be managing the reservations.

Hope to see all you there, and thanks again this year for your cooperation.

George, KD5AYF

Jamboree On The Air at Rice University Campus, October 20, 2001



Important Dates

Tuesday, December 18, 7:30 PM – Board of Directors meeting, Terra Nova Clubhouse, 5200 Woodville.

Friday, December 21, 7:30 PM – General Membership meeting, Spring Cypress Presbyterian Church – Eyeball QSOs, 7:00 PM.

Saturday, January 26, 8:30 AM – VE License Exam Session, Tomball Community Center, S. Cherry & Market streets (just South of Main).

NOTE: * No VE Session in December *****

Contests

Dec 15 OK DX RTTY

Dec 15–16 ARRL 10M, Croatian CW

Dec 29 RAC Canada Winter

Dec 31 Straight Key Night

Jan 5–6 ARRL RTTY Roundup

Jan 12–13 NA CW QSO Party

Wednesday Lunch Bunch

Dec 12: Pepperchino

Dec 19: Original Pasta Co

Dec 26: Casa Imperial Mexican

Jan 2: Charlie's Hamburgers

Jan 9: Jason's Deli

Notice

NARS membership dues are \$20 per year, renewable on anniversary of last year's full payment.

Deadline for articles to appear in January issue is Monday, December 31.

BREAKFAST
at Victors
4710 W FM 1960
Saturdays
7:30 AM

President's Corner

December 2001

Time flies when you are having fun...that is a phrase that sounds familiar to all of us. It sounded so familiar to me that I went back to the December 1991 NARS NEWS and sure enough, I used it in my final article as president back then. Talk about time flying! Where has the time gone?

Much has changed in Amateur Radio in the intervening decade. The technology as well as the structure of the hobby has changed dramatically. All the new radios are computerized as more and more of the functions are done by software. Almost all of us have at least one PC in the shack. And, like it or not, licensing has been simplified. How many of us with the 2X3 calls have taken advantage of the Vanity License?

Much has changed in NARS also. I was surprised to see that of the eight officers and directors for 1991, only two remain active in NARS. Yet NARS is still a very active and energetic organization. In that final article in 1991, I spoke of the challenges of training new amateurs and keeping them interested in Amateur Radio. NARS has done a great job at that over the years, in order for the club to continue to be successful we must continue. The fact that we trained many new amateurs as well as reawakening the interest of several "dormant" hams has been a big factor in the success of NARS.

To the many that have given of their time and talent this year, I say "Thank You." It is the efforts of all these participants that make this organization so meaningful and beneficial to amateurs with greatly varied interests. It has been a great year for me, I hope to be able to look back in another 10 years and see the same kind of success for NARS.

Paul Frantz, W5PF

VE Session Results – November

At the NARS VE Test Session November 24, 2001 we had ten candidates, which resulted in eight new Technician hams, and two upgrades to General.

This was the session to top all sessions. We had ten candidates, gave ten elements and all were passed: 100% success rate. Congratulations to all who earned an upgrade and/or new license.

The VE's were Jim Kirk KJ5X, Bob Walworth N5ET, Norm Covey K5OS, Virgil Stamps K5OOR, Keith Dutson WD5DXL, Rick Sewell N5SCS, and Walter Holmes K5WH.

On Monday, December 3, Jim Kirk KJ5X, Paul Frantz W5PF and myself went to a gentleman's house to administer the Technician Element 2 Amateur Radio operator's test. He is in a wheelchair and cannot readily get to the monthly NARS test sessions. He contacted me that he had been studying for a while and was ready to take the test. We arrived at 10:00 am and conducted a session. We scored the test and he passed with flying colors. We expect to hear him on the repeater as soon as the FCC issues his license.

Thanks to all for their help.

There is no session in December. HAPPY HOLIDAYS!! The next Test Session will be held on January 26, 2002. This will be one week after the banquet. HAVE YOU GOTTEN YOUR BANQUET TICKETS???

Walter KK5LO

N5L Special Event Lighthouse Christmas Lights – 2001

Join Anita (N5AOK) and H. O. (WA5MLT) as we activate Boliver Point Lighthouse during the Amateur Radio Lighthouse Society's second annual Lighthouse Christmas Lights event 2001.

The event period will start 00:01 UTC Saturday, December 22 and will continue through 23:59 UTC Sunday, December 23. Listen for special event callsign N5L. Daytime 20, 15, and 10 meters/Nighttime 40 meters. QSL direct with SASE to N5AOK.

73 H. O. – WA5MLT

*George Edwards,
K5VUU explaining
Amateur Radio to
the Girl Scouts.*



DX News

“For All the NARS DX News Fit to Print”

First, thanks to everyone who assisted me in getting last month's newsletter drafted and off to the editor. There's lots of good DX and DX related stuff to cover in the edition. So, let's get to it.

There are a number of special event stations scheduled to be on the air to celebrate the 100th anniversary of Marconi's transatlantic engineering work of December 12, 1901.

On that cold, windy, and overcast day, Marconi's 400-foot antenna was suspended by a kite that bore the weather and weight of the wire. From Cabot Tower, "Signal Hill," in St. Johns, Newfoundland and from Cornwall, England, the far end heard a series of dits. Three dits an "S." The transmissions were successful! Later the first successful transmission from Cape Cod, Massachusetts to Poldhu, England were made. (For more information checkout the December issue of National Geographic and MS Encarta.)

Listen for these stations, work them, and take pride in the fact that each of you carries on Marconi's experiment. For every time you tune the receiver, listen, make your call, and log a (DX) contact you are participating in his scientific work.

Marconi Special Event

- * Dec 11-16 W1AA/CC
- * till Dec 31 II3GM
- * till Dec 31 IR7GM
- * till Dec 31 IU0M
- * till Dec 31 VO1S
- * till Dec 31 IY4FGM
- * till Dec 31 IY1SP

Go get'um boys!

The November numbers were a little better than those of October. Her we go:

- * The high SFI occurred November 10th with a reading of 271.
- * The low SFI occurred on November 25th and 26th with a reading of 170.
- * The low A index occurred on November 15th, 28th, and 30th with a reading of 2.
- * The high A index occurred on November 7th and 25th with a reading of 74 and 95, respectively.

* The low K index occurred on November 1st, 15th, and 30th with a reading of 0.

* The high K index occurred on November 24th with a reading of 9.

As I've said before in this column, the more you look at the solar numbers each month, the more you shake your head. How could the Boulder A index ever reach 95? It did on the 25th of November. Surely someone in Boulder knocked over the thingie that measures this stuff. Seriously, it may very well have accounted for all of the static (of non-lightning origin) we heard at the end of the month. Spin the VFO and ignore the numbers. Then look back and see how they matched up and resume your head scratching.

Local Events:

Tim - KD5ITM reports that the recent CQ WW SSB contest was his first to participate in and he had a blast working 10 meters! Tim says his station includes an IC-761 and a G5RV inverted "vee" at 40'. Tim logged JA7OWD on 10/26 at 0231UTC and JR2DOL on 10/27 at 2343UTC. He also logged J75J on 10/28 at 1942UTC, and V26B at 2327UTC. Tim says, "I only worked 19 DX stations the whole contest with a total of 69 points. Not what you would call a 'big gun' (hi), but at least I had a lot of fun and I'll be ready for next year!" Tim congratulations on the 10-meter activity. J75J goes to KR4DA and V26B goes to WT3Q. These were found at: <http://www.buck.com>.

Jay - K0GEO also reports participating in the CQ WW SSB contest and doing pretty well. Here are his numbers: 71, 79, and 100 countries; zones 28, 25, and 30; on 20, 15, and 10 meters, respectively. Jay says this only took 30 hours of operation. Good going Jay I hope you logged some new ones.

Jim - KJ5X says that November was not a busy DX month at his QTH; however, Jim does report working KP4/AA1NV for number 100 on 40 meters! Jim also bagged D44CF and YB1A on 40 meters, and PY7XC/PY0F on 80 meters. Finally, he reports chasing the S. Georgia station VP8SGK completely off the band without being able enter him in the log!

Jim, I thought you were going to tell us you'd chased him over to John's W5PDW house. Good going!

Adam - KD5NDZ says he's working a lot 10 meter CW DX. Here's a peek: G10VJE - Northern Ireland, OM5DP - Slovak Republic, 9A2VJ - Croatia, and S51ZY - Slovenia. All of these Qs were made on 10 meters in the morning around 8 a.m.. "They were actually coming back to me while calling CQ. I was surprised!", says Adam." He's now waiting for the cards to roll in. On Tuesday 11/27/01 he worked Norway and France in the 8 to 10 a.m. window. Adam reports hearing the P5 for about 10 minutes one night, then back into the mud he went.

Adam has assembled a nice station: an Icom 746, Yaesu FT-77, Cushcraft R8 Vertical, 2 Element yagi on 10 meters, G5RV-M, 6 + 15 meter dipole, Kamtronics 9612 TNC, Radio Shack HTX-245, Kenwood TM-742A, One Pentium II 450 laptop, a second Pentium II 500 desktop PC running Log-eqf, TR, and Packet Cluster. PSK31 Interface box for all digital modes. Thanks Adam for the cool report.

John - W5PDW reports that five new countries continue to be spotted, but they continue to elude him. John did log the C31BO - Andorra! As several have reported, John says 10 meters has been good at his QTH. He logged a bunch of the 1X1 calls as part of the Route 66 effort. John says he has worked all of the stations the last two years in the Route 66 celebration. John is still aging his screwdriver antenna. He thinks it'll be about right in another 6 months or so??? Good luck John!

George - K5VUU reports receiving QSLs: AP2IA Pakistan on 15 meter SSB, TL8DV Central African Republic on 10 meter CW, and A35BR Tonga on 20 meter SSB. In short, George thinks he worked both the P5 and the YA, but he can't find them in his 6-meter log! Me too, George. Stay in he hunt man.

Ed - K8EP sent in a nice article describing his DXing from XX9 Macao. Thanks Ed and again thanks for the Qs from XX9 and C6.

Continued on page 4

DX News – Continued from page 3

Cal – WF5W sends along greetings to all, and promises to have some pretty cool reports for the next issue!

Steve – N5EN reports working the South Georgia Is. station on the 27th on 20 meters CW.

Walter – KK5LO sends a nice long list of 10 meter contacts from mid-month that include: SP5SLO, HK0OEP, J88DR, OD5NH, S55T, VP5/W5AO, FO0DEH, EI3JE, ES1WN, ZF2YL, V47UY, YO2BB, and last but not least his my biggest coup J28VS DIJIBOUTI. A new one for Walter! Other log entries on 12, 15, and 20 meters include: ES3RM, S57O, AP2JZB, CT1CPP, and HC8N.

Bruce – N1LN reports working VP8SGK South Georgia Is. on 20 meter CW for a new country and ZP6VLA Paraguay on 75 meter SSB for a new band country. Along with this, Bruce says a QSO with FR5FD Reunion Is. on 80 meter CW topped off the month.

Pat – KK5VN says he hit the jackpot! Pat received three envelopes from the burrow with a total of 33 cards. Collectively, Pat has ten new countries and over 15 new band countries! Some highlights include: HB9CXZ Switzerland, JW/OK2PBM Svalbard, AX3OLY and AX4EJ Sydney Olympics, DU9RG Philippines, JY9NX Jordan, ZL2AL and ZL3AZ New Zealand, SP9LJD Poland, DS2QEI S. Korea, 5C8M and CN8WW Morocco, OK2FD Czech Rep., and CO8ZZ Cuba. Pat is a happy camper! Some DX news for next month Pat.

From this Station:

The DX fun continues and log looks pretty good for October and November. This station logged 79 Qs. The breakdown looks like this: 31 on 20 meters, 20 on 15 meters, and 28 on 10 meters. A fairly even distribution which is a little unusual. This is reflective of the general band conditions. Here is a list of prefixes in the log: 3D2/C, 4S, 4X, 5B, 5W, 7X, 9H, 9L, 9Y, C6, CN, D4, DL, E3, EA8, EM, ER, ES, F, FO, FO/A, FR, FR/T, FS, G, GJ, HA, HC8, I, J3, J6, J7, KC4, KH0, OM, ON, PA, PJ5, PY0F,

SM, T2, T32, T9, TI, UA, UA9, V4, VP2E, VP5, XE, XX9, ZK1/N, ZK2, ZS. Plus 31 IOTA entries. (I need to get the IOTA thing one of these days.)

Of these, the most notable are the 3D2/C Conway Reef, FR/T Tromelin Is., and PY0F Fernando de Noronha entries. And, certainly not to be overlooked our fellow club member ED (K8EP) operating XX9TEP from Macao. Thanks ED for the 20, 15, and 10-meter contacts, and the C6 Bahamas contacts. Finally, it was nice to work the salute to former U. S. Senator Barry Goldwater K7UGA on 40, 20, and 15 meters. This effort was put on the air by the Central Arizona DX Association. For the newer members, Senator Goldwater was our voice in Washington for years, and his personal attention is best remembered by the phone patches he completed during the Vietnam war. It's nice to have one of the original cards in the shack.

The shack is just about complete, and with that comes a new reference to it, radio room!

Scheduled DX Operations

Here are some of the scheduled DX operations for October.

- * till Dec 02 PY1NEW/2 and PY1NEZ/2 – Comprida Island (SA-024)
- * till Dec 02 FS/W2AZK and FS/KF2HC – Saint Martin (NA-105)
- * till Dec 03 Tonga (A3) and Niue (ZK2)
- * till Dec 04 SV9/W4WX – Crete (EU-015)
- * till Dec 04 V47UY – Nevis Island (NA-104)
- * till Dec 05 S79GAN – Seychelles * by DL2GAN
- * till Dec 05 KG4AS – Guantanamo Bay (NA-015)
- * till Dec 05 ZL1WY/ZL7 – Chatham Islands (OC-038)
- * till Dec 06 JA6GXX – Danjo Islands (AS-056)
- * till Dec 06 3B8/ON4LAC – Mauritius Island (AF-049)
- * till Dec 07 E30OA – Eritrea
- * till Dec 09 HI3K – Dominican Republic
- * till Dec 10 5W0VF – Samoa (OC-097)
- * till Dec 13 S79LE – Seychelles

- * till Dec 14 D2/CT1FSC – Angola
- * till Dec 14 FO0SEV & FO0FRY – Austral Islands
- * till Dec 15 E29AL – Tarutao Island (AS-126)
- * till Dec 18 PY0FT – Fernando de Noronha (SA-003)
- * till Dec 18 KL7JR – Barter Island (NA-050)
- * till Dec 20 FO0DEH – OC-062 (French Polynesia)
- * till Dec 22 P5/4L4FN – North Korea
- * till Dec 28 XV9SW – Vietnam
- * till Dec 31 YA5T – Afghanistan
- * Jan 05-08 VP8SIG – South Orkney
- * Jan 10/11 VP8SGK – South Georgia
- * till Jan 03 T88HA & T88MY – Palau (OC-009)
- * till Jan 07 JA6GXX – Danjo Islands (AS-056)
- * till Jan 10 3D2AG – Rotuma Island (OC-060)
- * till Feb 01 EM1HO – Galindez Island (AN-006)
- * till Feb 10 ZD9IR – Gough Island (IOTA AF-030)
- * till Feb 02 9U5D – Burundi
- * till Mar 02 T30ES – Butaritari (OC-017), W. Kiribati

The following Antarctic stations are either on now or they are scheduled shortly. The operators are generally good and the signals are typically very good. So, jump in and snag one for the log.

- * till Jan 02 VK0KMT – Davis Base (VK-03),
- * till Feb 02 ZS7 SANAE Antarctic Base
- * till Mar 02 KC4/N3SIG – McMurdo Station, Ross Island (AN-011)
- * till Jan 03 R1ANC – Antarctic Base "Vostok"

Thanks to Tim KD5ITM, Jay K0GEO, Jim KJ5X, Adam KD5NDZ, John W5PDW, George K5VUU, Ed K8EP, Cal WF5W, Steve N5EN, Walter KK5LO, Bruce N1LN, and Pat KK5VN for continuing to support this month's column. Your support for the column is appreciated by all.

If you have DX info for the column, e-mail to wa5mlt@arrl.net.

*73 and gd DX to all ...
de H. O. WA5MLT*

Jamboree On The Air with the Girl Scouts

Every year in October, the Rice University chapter of the Society of Women Engineers puts on a science fair for the San Jacinto chapter of the Girl Scouts of America. Last year they asked Dr. Pat Reiff, KD5IZK, the chair of the Physics and Astronomy department, if her department would put on a clinic for the girls. Being a long time Scout leader and all round nice person that she is, Pat said yes. She thought that an amateur radio demonstration would be interesting and called George Edwards, K5VUU, and asked if NARS could set one up for her. Being another all round nice person, George said yes too. After his initial helper bailed out because of a schedule conflict, George asked me if I would help him with the project. Now you know how we got into this.

It just so happened last year that the Rice event was scheduled on the same weekend as the annual ARRL Jamboree On The Air event. This was purely coincidental but worked out well. We set up our station in the parking lot in the sun in front of the school using one parking space to park George's Explorer and one to set up a table and chairs for the radio station. We spent a lot of the day dodging cars that were coming and going from some other event. One even wanted the space that we had our chairs in. Another one nearly ran over George's generator. We set up a 20 meter dipole on a 30 ft push up pole in a grassy strip next to the parking lot and hooked it to George's FT890T. We apparently had a pretty good signal and made most contacts easily but we were restricted to 20 meters and 20 got pretty crowded around the JOTA frequency before the day was over.

The girls would go from one demonstration to another in the different departments at the university and spend about 30 minutes at each one. We were one of the stops on their circuit. George and I didn't know what to expect on our first time out and weren't very well prepared to discuss amateur radio with nine and ten year girls so when we saw a group of them coming across the parking lot toward us, I started calling CQ JOTA to try to have a contact made when they got there. As it worked out, it was pretty easy to drum up a contact with a group of boy scouts somewhere across the

country. There was the expected shyness as none of the girls wanted to be the first to talk but after one did it they all took the mic for a turn. We were told that the girls enjoyed the demonstration but George and I felt that we needed to give them something to take away from the demo to read about ham radio.

That was last year. As the event approached this year Pat confirmed with George that we would set up the radio station again. George had been planning to do it again since we left there last year. He said that we would but told Pat that it needed to be on the same date as JOTA again this year. It was confirmed to be on October 20th the JOTA date for 2001 (I think they set it there just for us). George contacted the ARRL and requested a batch of amateur radio handout material related to scouting and especially girl scouts and their leaders. This year we got the VIP treatment. We got to park in a five car parking lot next to an inside courtyard where there was no automobile traffic. We took my TA32JR triband yagi and a 40 ft push up pole and put it up in a clearing in the trees in middle of the courtyard. When 20 meters got crowded this year, we were able to move to 15 or 10. George set up the radio table with the FT890T, power supply and handouts under the shade of some hundred-year-old oaks. NICE, no sun, no traffic. The Honda generator was set up in front of the Explorer about 25 feet away. That thing runs so quietly that we forgot that it was there. NO noise. Steve Niles, N5EN, came along this year to photograph the doings, and George Pierce, W5GFP, set up a two-meter station. We were ready this year!



Pat told us there would be six groups of

about eight girls each: three before lunch and three after lunch. (Pizza on the house, all we could eat.) The first group came our way about 9:30. George Edwards, being the bull shooter, was the spokesman. He introduced us to them and talked briefly about ham radio and handed out the material to the girls and to their leaders then told them to gather around the radio. I told them that we were going to talk to some other scouts, but that they would probably be boys. That evoked groans from most of them. I explained what a CQ was and that we didn't know who would answer or where they would be. The prospect seemed to intrigue them. I called CQ JOTA and they listened with curious interest. When a station answered and I told them where it was, it seemed to amaze them every time. Each time we contacted a Boy Scout group it was hard to get the first girl to take the mic and talk. But after one did it they all wanted to talk. The girls were pretty talkative after getting started, but the boys never seemed to get over their shyness. It was hard to keep a conversation going. I had thought about writing a script to prompt the girls but I am glad that I didn't after we ran into one group in which the boys were reading a script that sounded good until one of the girls would ask them a question and then no one knew what to say. It made for awkward silence. In one group that we contacted there was only three boys and one girl. The boys ran out of anything to say pretty quickly and the scoutmaster put his older daughter on. This really turned into a yakfest between the girls until a bee got after the girl on the other end and our group ran out of time. It was really amazing to watch the transformation from shy, "I'm not going to be first," to fighting over the microphone. We made contacts in Idaho, New Mexico, Oregon, Connecticut, Ontario, New York and more. The group leaders also seemed to be entertained by the wonder of radio and the girls having a good time with it. We got through with our last group at about 3:00 PM, took the station down, had a Gatorade, and decided that it had gone well.

Now we're thinking of how to improve for next year.

Bill Stietenroth, K5ZTY

Welcome, Congratulations and Condolences

Congratulations to Mike Hance K5NZ for being a member of the record breaking CQ WW DX contest team VP2E.

NARS Resource List

General Help:

Bill Stietenroth K5ZTY
281-893-3901, k5zty@juno.com
Allen Majeski WA5REJ
281-353-8652, wa5rej.tx@netzero.net
Bill Denton W5SB – Antennas
281-469-8331, w5sb@arrl.net
O J Quarles K1OJ – HF
281-955-1555, k1oj@ditdit.com
Larry McCain KN5Z
281-469-6709, kn5z@arrl.net
Madison Jones W5MJ
281-350-4330, w5mj@houston.rr.com
Bill Rister W5CYP – ATV
713-694-6074, brister@hal-pc.org

Satellite:

Deral Kent K5WNO – RS 12/13
281-548-7476, k5wno@juno.com
Dick Rooney W5VHN
281-288-8424, dickrooney@usa.net

Web Authoring:

Keith Dutson WD5DXL
281-351-7683 wd5dxl@arrl.net

Packet:

Don Bedell KA3BKU
281-370-6576, DonKA3bku@aol.com

VHF/UHF:

Brian Derx N5BA
281-894-5942, n5ba@arrl.net

Computer Operations:

Bob Argo KC5JZO 281-288-7430, rar-go@houston.rr.com

Computer Programming:

Keith Dutson WD5DXL
281-351-7683, wd5dxl@arrl.net

Interference (Basic Advice):

Harry Gage AC5XD
281-370-7488, hjgage@aol.com
Mark Tyler K5GQ
281-587-0256, k5gq@juno.com

Card Checking Awards Managers:

Bob Walworth N5ET – DXCC
281-363-0209
walworth@worldnet.att.net
Brian Derx N5BA – WAS, VUCC
281-894-5942 n5ba@arrl.net
H O Townsend WA5MLT – CQ WAZ
281-376-7416 wa5mlt@arrl.net

NARS Public Information Officer:

George Levandoski KD5AYF
713-895-0700, kd5ayf@arrl.net

NARS Information

PRESIDENT & BOARD CHAIRMAN

Paul Frantz W5PF
281-351-8930, w5pf@arrl.net

VICE PRESIDENT

George Levandoski, KD5AYF
713-895-0700, kd5ayf@arrl.net

SECRETARY

Keith Dutson WD5DXL
281-351-7683, wd5dxl@arrl.net

TREASURER

Tom Hoherd KK5YU
281-370-2941, kk5yu@att.net

DIRECTORS

Steve Niles, N5EN
281-580-6080, N5EN@wt.net
Bill Denton W5SB
281-469-8331, w5sb@arrl.net
O J Quarles K1OJ
281-955-1555, k1oj@ditdit.com
Walter Hock KK5LO
281-350-6633, kk5lo@arrl.net

ACTIVITIES CHAIRMAN

George Levandoski, KD5AYF
713-895-0700, kd5ayf@arrl.net

ADMINISTRATIVE AND GENERAL INFORMATION

Joe Sokolowski, KD5KR
281-353-2196, kd5kr@arrl.net

*Send address, phone, email and other
changes to:*

NARS
PO Box 90387
Houston, TX 77090-0387

*For general information call one of the
Club Officers or Board Members.*

NETS

75 M Ragchew: Mon 8:00 PM, 3861KHz
Coordinator: Jim Kirk KJ5X
281-376-0718, kj5x@swbell.net
2M Information: Wed. 8:00 PM,
146.66MHz
Coordinator: Bill Denton W5SB
281-469-8331, w5sb@arrl.net

WEB SITE

URL: <http://www.w5nc.org>
Webmaster: H.O. Townsend WA5MLT
281-376-7416, wa5mlt@arrl.net

NARS REFLECTOR

NARS@qth.net
Coordinator: O.J. Quarles, K1OJ
281-955-1555, k1oj@ditdit.com

REPEATERS

2M: 146.060 / 146.660 (KA5AKG)
70 cm: 449.375 / 444.375 (KA5AKG)

MEETINGS

Monthly General Membership

Third Friday each month at 7:30 PM
Spring Cypress Presbyterian Church, 6000
Spring Cypress Road

Saturday Breakfast

Victor's Restaurant 7:30 AM

Wednesday Lunch 11:30 AM

Various locations (Info on 146.660 and
listed on front page in Important Dates col-
umn)

NARS NEWS is published monthly by
Northwest Amateur Radio Society

Send all articles and materials for the
Newsletter to:

Editor: Keith Dutson WD5DXL
281-351-7683, wd5dxl@arrl.net

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

ARRL Club No. 2120