

NARS NEWS

The Northwest Amateur Radio Society

Houston, Texas

March 2000

NARS Welcomes SKYWARN Training Session

Springtime is severe weather time in much of the country including Texas. As such, NARS is again sponsoring, for the 2nd year running, a Skywarn Training Seminar. For those who attended last year, the program has been changed slightly in trying to keep the program as present-day as possible, and as entertaining and interesting as possible.

National Weather Service Meteorologist Charles (Chuck) Roessler will be our guest presenter, as last year, and will conduct the program. A warning, these are rather long programs (2 hours), copious amounts of information have to be downloaded into your memory banks for you to be properly trained and able to understand and subsequently identify and relate observations of severe weather to Emergency Management personnel and/or the National Weather Service directly.

The program will begin at 7:15 PM due to the program's length.

Should be a big crowd! See you there!

-- George, KD5AYF

Amateur Radio License Class Scheduled for 2000

The 2000 session of the Northwest Amateur Radio Society's (NARS) class for achieving a Technician Class amateur radio license began on Thursday, March 9, at the Prince of Peace Catholic Community. The Prince of Peace facility is located on Tomball Parkway (Hwy. 249) between FM1960 and Cypresswood. The license classes begin at 7 PM.

The first session consisted of registration and an introduction to Morse Code. The entire course will continue for two nights each week, Tuesdays and Thursdays, for a total of 19 sessions. The complete course will cover Morse Code (five words per minute) plus the necessary rules and regulations to successfully complete all examinations required for a Technician Class license including HF operating privileges. The cost of registration is \$20.00.

The textbook for this course is "Now You're Talking", published by the American Radio Relay League (ARRL). This book can be purchased at various Radio Shack stores, Electronic Parts Outlet, or at Houston Amateur Radio Supply for under \$20.00. A limited number will be available for purchase at registration. For more information or to obtain a seat, call Marian Denton, KB5SGV, at 281/469-8331 or Joe Sokolowski, KD5KR, at 281/353-2196. An e-mail to either of the above will also work (e-mail addresses are on the back of the Newsletter). There is limited enrollment, so get your reservation in early!

-- Joe Sokolowski, KD5KR

Important Dates

Friday, March 17 7:00-9:30 PM

NARS General Membership Meeting at Spring Cypress Presbyterian Church, 6000 Spring Cypress Road

Saturday, March 25, 8:30 AM

License Exam Session. Tomball Community Center, S. Cherry & Market streets (just South of Main Street),

Tuesday, March 28, 7:30 PM

NARS Board of Directors meeting, George Edwards' home, 17007 Hillview Lane

Contests:

March 18-19

Alaska QSO Party
Bermuda QSO Party
Russian DX Contest
BARTG Spring RTTY Contest
Virginia QSO Party
Ohio Winter QSO Party

March 25-26

CQ WW WPX SSB Contest
SP DX Contest

April 1-2

EA RTTY Contest

April 7-9

Japan Int'l DX Contest (20-10 meters)

April 9

UBA Spring SSB Contest

April 30 --

March of Dimes Service Event
Contact Paul Frantz, KF5SB.

May 6 --

Buffalo Bayou Regatta Service Event
Contact Scott Byrd, KM5WE

Deadline for articles to appear in April issue - Friday, March 31

BREAKFAST

at Victor's

4710 W. FM 1960

Saturdays

7:30 AM

President's Corner January, 2000

As many of you know, NARS is an ARRL "Affiliated Club". This means that we are associated with more than 2000 other like-minded clubs with similar intentions and goals. We are in the South Texas Section (STX) of the West Gulf Division. To be an affiliated club, we have to meet a few requirements...at least 51% of our voting membership must be ARRL members; at least 51% of our membership must be licensed operators; we must have a constitution and complete the necessary application forms, etc. After we become affiliated, we are assigned to an Affiliated Club Coordinator (ACC) who is appointed by and reports to the Section Manager. The ACC is our primary contact and resource person in the STX Section.

Truly special Amateur Radio clubs are well balanced in their programs for serving the community, developing club members' Amateur Radio skills and social activities, striving each year to build on their successes to improve their effectiveness. As such, they are designated as "Special Service Clubs". There are currently only 6 clubs in the South Texas Section so designated and NARS is one of them.

To be accepted under the ARRL Special Service Club (SSC) program, we must be actively involved in the following activities: 1) New Ham development and training; 2) Public Relations; 3) Emergency Communications; 4) Technical Advancement; 5) Operating Activities; 6) Miscellaneous Special Interest and Activities. To be renewed as a Special Service Club annually, we must continue to be actively involved in each of these areas. I am currently compiling the information to submit in our application for renewal which is due in the month of March.

In addition to our monthly meetings and programs, newsletters, website, VE test sessions, ongoing voice repeater and digipeater support activities, and annual picnic and awards banquet, we also prepare and present a 20 session training class...participate in Field Day activities...support the March of Dimes Walkathon, the Buffalo Bayou Regatta, the Sun Mart Endurance Run and the SIRE event...and starting this year we will be the sponsor for the Texas QSO Party.

It takes a dedicated group of volunteers to make these things happen. If you are not currently involved in supporting these activities, I encourage you to start. We need your help to maintain and improve our club as we go forward.

-- 73 George, K5VUU

ARRL Club 2000

Awards

The ARRL Volunteer Resources Committee has established the Club 2000 Awards. The new incentive program is aimed at recognizing clubs that are growing, thriving and developing positive community relations through such activities as emergency and public service participation; public relations and recruitment; building ARRL membership; volunteer examination participation; educational and instructional innovation; and Field Organization volunteerism.

Throughout 2000, ARRL Field and Educational Services staff will review the activities of participating clubs. The Volunteer Resources Committee will pick four exemplary clubs -- one in each eligible category. Selections will be announced at the ARRL Board of Directors meeting next January.

Eligible club categories include:

Clubs with more than 100 members
Clubs with 25 to 100 members
Clubs with less than 25 members
School clubs

A \$1000 check from the ARRL Foundation will be awarded to the club in each category with the highest number of achievement points. The award -- made in the name of the club -- may be used for equipment purchase or improvements to a club's station or the purchase of ARRL publications or supplies. An article publicizing the achievements of selected clubs will be featured in QST and/or The ARRL Web Extra.

At the February Board meeting, it was decided that NARS will compete in the Club 2000 program. Keep in mind that we already do many of the things that earn achievement points, i.e., a regular newsletter, two or more VE sessions a year, regular monthly meetings, club-sponsored repeater, and others.

-- K8CSG

ARRL Membership Via NARS

Maintain your ARRL membership through NARS. If you do, our club will receive a rebate from ARRL. For each renewal, NARS will receive \$2.00. For each new membership, NARS will receive \$5.00. This is an income stream which can help NARS.

To use this new option, send your membership form along with a check, made out to NARS, to Keith Dutson. Your payment will be sent to ARRL by Keith.

-- Keith, WD5DXL

Rotten SSB

Listening to the HF SSB bands these days can often cause a fellow to go back to pounding brass or the "green keys" -- or hunting -- or fishing. A lot of atrocious goings-on can be observed. Horrible signals -- profanity -- obscene "jokes" -- and lots of just plain bad operating.

Once upon a time, no self-respecting amateur operator would even think of using profanity on the air. Back then the FCC was even known to issue a "pink QSL" to careless souls who indulged in such language. Bad operating seems (to yers) to be increasing. Gentlemanly operators are still found, but the percentage seems to be decreasing. The sloppy, careless boors plop themselves on any frequency, no matter if it is occupied or not. They tune interminably, with never the thought of a dummy load. And, some of the tactics in DX pile-ups are beyond belief.

And then there are the stations operated by technical nincompoops. These denizens of the bands turn every knob in sight to full clockwise and shout into the mike for good measure. Who cares? "What, my signal splattering? Can't be -- I'm using a scope?" (Bought yesterday, connected wrong, and the instructions unread.)

The list goes on but the spirit tires. What have *you* done to make ham radio better today?

-- K8CSG

FCC Fines Two Texas Hams \$8000 Each

NEWINGTON, CT, Feb 16, 2000--The FCC has fined two Texas hams \$8000 apiece for allegedly interfering with a local repeater and failing to identify. Paul E. Holcombe, K4TOF, and Robert L. Myers, N5WLY, both of Houston, were notified last month by the FCC's Houston office. The fines come in the aftermath of an FCC investigation undertaken last year that involved the use of direction-finding equipment. In each Notice of Apparent Liability, the FCC noted logging complaints of apparently intentional interference over a period of more than five years to the Memorial Emergency Repeater Association's 145.47 machine in Houston. The interference "was allegedly caused by stations transmitting unidentified tones, inflammatory or derogatory remarks, and unmodulated signals, none of which were identified with an FCC-assigned call sign," the FCC said.

In the wake of separate investigations last June, the FCC had cited Holcombe and Myers for alleged willful and malicious interference and failure to identify while operating on the 145.47 machine on separate occasions earlier in 1999. There's no indication from the FCC that the two men acted in concert, and the cases are being handled separately. Both operators were cited for violating B97.101(d) and B97.119(a) of the FCC's Amateur Service rules.

The FCC Notice of Apparent Liability issued to Meyers says that last February 24, 1999, Houston FCC personnel using direction-finding gear tracked transmissions interfering with the MERA repeater to Meyers' Jeep Cherokee. An FCC Notice of Violation followed a June 1 inspection visit to Meyers. Responding to the NOV, Meyers denied the violations and any operation at the times cited. "Meyers' response letter also stated that Meyers would take precautionary steps to insure that no accidental transmissions would occur from his station," the FCC noted in its NAL.

The FCC Notice of Apparent Liability issued to Holcombe recited a similar story. On May 25, Houston FCC personnel using direction-finding equipment tracked interfering transmissions to Holcombe's Toyota. An FCC agent interviewed Holcombe and inspected the ham gear inside the vehicle. The equipment, the FCC said, included a transceiver "tuned to the MERA repeater frequency pair and capable of transmitting on the MERA repeater frequency." The FCC said Holcombe admitted the vehicle and the gear were his, but he denied intentionally making any transmissions that day. The Commission cited Holcombe the following month.

In response to last June's NOV, Holcombe said that, although his station may have been inadvertently acti-

vated on May 25, he did not intend to interfere with other stations. Holcombe also told the FCC that he suffered from a nerve disorder in his hands that made it difficult for him to manipulate the transceiver's controls.

In both cases, the FCC determined on the basis of its investigation that Meyers and Holcombe did "willfully and maliciously interfere" with communications in progress and failed to identify. The FCC said both violations were willful because transmissions were timed to coincide with those of other repeater users and each operator "sought to conceal his identity by altering the sound of his normal voice and omitting the required identification."

The FCC said it determined the amount of the fines by using its forfeiture policy, which sets a base fine of \$7000 for intentional interference and \$1000 for failure to identify. In assessing such fines, the FCC said it takes into account the "nature, circumstances, extent, and gravity" of the violations as well as "the degree of culpability, any history of prior offenses, ability to pay, and other such matters as justice may require."

Both men were ordered to pay the fines within 30 days or to file written statements showing why the forfeitures should be reduced or canceled.

The above was released by the ARRL on Feb. 16. It is reprinted verbatim here.

HOUSTON
AMATEUR RADIO
SUPPLY, INC.

George DiLetto, KDORW
President

Exit 68 I-45 North
181 Cypresswood Drive
Spring, TX 77388

800-471-7373
281-355-7373
Fax 281-355-8007

DX News

*Through the night of doubt and sorrow
Onward goes the DX band,
Singing songs of expectation,
Calling to the promised land . . .*

Some of the Local QRPers came wandering up the hill recently to visit The Old Timer. Their minds, it seemed, were focused on the persistently mediocre levels of DX activity as the peak of the sunspot cycle was approaching. "What's this stuff about sunspots bringing the wonderful days of DXing," asked one of the QRPers somewhat sullenly? "I'm having all kinds of trouble finding anything really good to work these days."

The Old Timer gave that one some thought before answering. "It all depends on what you are comparing it to," he said finally. Not satisfied, the QPRer continued his complaint. "But we are nearly at the peak of this cycle," he persisted, "and we thought that all kinds of great DX would be roaring in." The Old Timer repeated his first answer that "It all depends on what you are comparing it to. For example, how many countries have you gotten confirmed since you became a DXer, and when did you work them," he asked?

The QRPer thought about that for a moment and said "Well, I think I am sitting around 260 right now. I had a hundred or so at the beginning of the cycle." "OK," said The Old Timer. "That means you have worked about 160 of the 230 or so countries you needed when the cycle began to turn up a bit. What's wrong with that?"

"But where is all of the great DX we were promised," asked the persistent non-believer? In an attempt to put the question to rest, The Old Timer reminded the QRPer that a substantial number of countries are always difficult to work. "Remember that A5, 7O, P5, BS7, some of the VK9's, VK0's and FT5's, the 3Y's, VU7's and VU4's, YA, ZS8M, and others may go through an entire cycle with no appearances which enable the Deserving DXers to work them. That doesn't make it a really bad cycle. Remember that being a True Blue DXer requires a lot of patience."

As the Local QRPers wandered back down the hill shaking their heads they were joined by another of the more mature DXers of the

crowd. "You should also remember that not all cycles are alike, and this one looks like it will be a bit inferior to others of recent times," was the wisdom which he offered.

The propagation numbers were not exactly encouraging as February moved across the page. At the one-half-way point in the month the solar flux index was not terribly bad, but a high A index spelled some trouble for the Deserving types. When the A index reached the fifties it implied high absorption of signals. Propagation continued in a mixed vein throughout much of the month. The solar flux index moved up and consistently stayed above 150, while the A and K indices wandered around somewhat aimlessly. Nonetheless, there was DX to be had. In the middle one-third of the month the SFI was around 180, with the A index at a rather high 20+. This generally indicates a high absorption rate and signals seem to go away for a bit. During the latter part of February things got straightened out a bit, with the SFI at the 180s and the A/K indices at 10 and 5. Fairly good band conditions resulted. W5SB reported band conditions during the ARRL CW DX Contest were beautiful until their power at XA5T went further south and they came home early. On Feb. 27, the SFI hit 227 with A/K indices of 5 and 2.

LOCAL EVENTS: The XZ0A (Myanmar/Burma) operation ground to a merciful halt at the end of the first week in February. A claimed total of ~75000 contacts seemed high to DXers in Texas, but it could have been true; there are a lot of JA's which could have been worked around the clock. VK9CP materialized on ten meters on Feb. 7; he was worked by several NARS members, including N1LN, K8CSG and others. His next stop was planned for VK8X -- Christmas Island. Jukka, VP6BR, (Pitcairn) was appearing regularly and was worked with equal regularity. Gus, 9U5D (Burundi) was workable on 10 meters on Feb. 7 by KM5OE and K8CSG (thanks, Loyd!), as was 5X1GS in Uganda. Tom Harrell, K8XP, continues his wanderings about the Pacific, this time appearing from V73XP on Kwajalein. He was workable in a reasonable 10-meter pileup on Feb. 8. N1LN made a nice contact with Malcomb, 3W2LC in Vietnam. When the chaps came up on Christmas (VK9Xx) N1LN snagged him. Bruce also reported working Laos, XW2A on 10 meters. N5EN and

KJ5X have both completed the Millennium DXCC requirements.

Jim Kirk called me to report a recent catch. Certainly worth calling about. Jim worked ST2SA during the evening of Feb. 24. ST2SA is Dr. Sid, the only operating ham in Sudan. Dr. Sid was my 40th zone back in 1972. Kudos to Jim and N1LN for an excellent catch; go to the head of the class.

DX WORKED: VP5BR (Pitcairn) 15m 0028Z; ZM7ZB (Chatham) 10m 2038Z; DU6RCR (Philippines) 10m 2341Z; 4F4IX (Philippines) 10m 2353Z; TF3GC (Iceland) 10m 1503Z; V73XP (Kwajalein) 15m 0039Z; BX4AB (Taiwan) 15m 0104Z; VU2AU (India) 20m 1358Z; VU2HLD (India) 20m 1400Z; HL0EXN (S. Korea) 10m 0011Z; 9U5D (Burundi) 10m 1959Z; 5X1GS (Uganda) 15m 2016Z; UA9ORG (RUSSIA) 20m 0050Z; UA9MA (RUSSIA) 20m 0322Z; KH0AC (Saipan) 10m 0057Z; ET3AA (Ethiopia - YL) 10m 1601Z; 3B8CF (Mauritius) 20m 0342Z; A45XM (Muscat/Oman) 20m 1346Z; OD5NH (Lebanon) 10m 1447Z; PT7BZ/PY0F (Fernando de Noronha) 40m 1157Z; 3B8GF (Mauritius) 20m 0307Z.

QSL ROUTES: VP6BR via OH2BR; ZM7ZB via DJ4ZB; V73XP via N4XP; FY5FU via F5PAC; 9U5D via SM0BFJ; 5X1GS via WB2YQH; M2000A via G4DFI.

Easter Island will see a visit from Felipe, CE3SAD, beginning around March 15. He plans to operate there for about two weeks, callsign to be announced when available.

The Chesterfield Island DXpedition is still on schedule for next month. This one still has some mystery about it, i.e., the allegation that it will be the next addition to the DXCC List.

Omar, YK1AO is being worked from the East Coast these days. I don't know if Omar suffers from the same problem Rasheed, YK1AA (SK), endured from Damascus for years. Rasheed told me that he was frequently frustrated by his residence location, i.e., backed up to a mountain between his antenna and North America. This conversation was the result of a question put during a LP QSO some thirty years or so ago, and a similar story retold during a chat from HZ1AB a few years later.

DX News (Concluded)

Bernhard has been enjoying some success as H40MS from Temoto in the Solomon Islands. It has seemed a bit strange to see limited activity from there, as well as E4 (Palestine), after they entered the new-country environment of DXing with such fanfare.

The German contingent operating from Cocos (VK9C) included VK9CN, VK9CO and VK9CP. A good one to watch for on the bands. QSL to home calls.

Numerous of the travelling DXer contingent are positioning themselves for the big upcoming DX contests. Watch your various sources for their locations, callsigns and QSL routes. The islands in the Caribbean will see their usual level of activity as North Americans enjoy the sunshine while DXing from these interesting spots. It is an annual occurrence, often accompanied by interesting prefixes.

The Swiss DXpedition to Agalega Island is still scheduled for October 2000, with the various facets beginning to fall into place. Those who missed St Brandon (3B7RF) will want to really watch for this one. Good luck, Capt. Kirk!!

A group of four Chilean hams is looking toward a weeklong operation from San Ambrosio Island in May. So what, you may ask? Stay alert. San Ambrosio is nearby, and counts for, San Felix, CE0X, which is just a tad rare. More info is to come as their plans mature.

OM6TY is working in the Slovakian embassy in Baghdad, Iraq. What is more interesting is that he has been

issued a license! Watch for him on 10 and 15 CW. QSL via his father, OM6TX. His YI callsign is still unknown.

After some seventeen years of pursuit, K8CSG finally wrapped up the Worked All Japanese Prefectures award. With 47 prefectures in the country, this is essentially the equivalent of a Japanese WAS. After a long drought of looking for contacts and QSLs from Yamaguchi, Kagoshima and Nagasaki prefectures, Yamaguchi finally produced a card in January and the other two prefectures produced contacts.

Another DXpedition!!! Our Aussie friends have announced a trip to Willis Island (VL9W?) for May 2000. Willis was ranked 42nd among the Most Wanted entities in the last DXCC Yearbook. Another good one for the Deserving DXers.

As February ended we learned of the loss of another noted DXer, an old friend in Australia. Harry Mead, VK4DHM (ex-VK2BJL), became a Silent Key on Dec. 24. Harry led the very first DXpedition to Mellish Reef, VK9JW, in July, 1972 which is where I first encountered him. He later led or participated in a number of other Pacific DXpeditions, including 1S1DX in 1979, the first QSO I had with the Spratly Islands. In all, Harry went to Mellish Reef four times, the last in 1993. He was cremated on Dec. 24, and his ashes were scattered in the Pacific Ocean on January 1. Harry will truly be missed by many of us.

Lunch Bunch Schedule

Mar. 15 -- RedLobster
Mar. 22 -- The Original Pasta Co.
Mar. 29 -- Victor's
Apr. 5 -- Strack's
Apr. 12 -- Carlos' Mexican

February VE Session Continues Busy Trend

The regular NARS VE session for February continued the busy trend set in January. Twenty-two candidates were examined on 25 elements, including 14 Extra Class written elements. Of the 25 elements taken, 19 were passed, including 11 of the Element 4B Extra Class. The overall pass-rate for the session was 76 percent, substantially below the 89.7 percent in January. These have been two of the busier sessions in recent times.

Nine VEs helped administer the examinations. From NARS came K8CSG, N5ET, KJ5X, K0CO(ex-WA8GCZ), N5NXS, WA5SAJ, WC5CW, and KK5YU. Walter, K5WH, represented Compaq.

A special "paper" VE session will be held at Houston Amateur Radio Supply on April 15. See the announcement below.

Special April 15 VE Session

In view of the large numbers of individuals upgrading their licenses coincident with the implementation of the new licensing rules announced on December 30, 1999, by the FCC, a special VE session will be held on April 15, 2000. The session will be held at Houston Amateur Radio Supply on Cypresswood.

This will be a purely "paper session" wherein people who have completed the requirements for General or Extra Class licenses will be able to have their paperwork processed by VEs on April 15, the effective date of the new rules.

Interested individuals should bring their paperwork (originals and copies) and their FCC fee to George's place between 0900 and 1200 local time. No examinations will be conducted during this session. The regular April VE session conducted by NARS will be held at the usual site in Tomball the following weekend where all examinations may be taken. For additional information call Bill Gary, K8CSG, at 281/537-9240.

Welcome, Congratulations and Condolences

Best wishes to Marian Denton who is recovering from foot surgery, and Norma Harlan who is undergoing rehabilitation therapy.

Best wishes to Don Bedell, KA3BKU, who is recovering from knee surgery, and to Millie, who had eye surgery.

Best wishes to Paul Frantz, KF5SB, who recently had an arterial stent implanted.

Congratulations to Jack, ex-WA8GHZ, on his new callsign -- K0CO.

NARS Resource List

General Help:

Bill Stietenroth K5ZTY, 281/893-3901
Allen Majeski WA5REJ, 281/353-8652
Bill Denton W5SB, 281/469-8331

Antennas

O.J. Quarles K1OJ, 281/955-1555, HF
Larry McCain WA5SAJ, 281/469-6709
Madison Jones W5MJ, 281/350-4330

CW

Bill Gary K8CSG, 281/537-9240, DX
Bill Rister KC5EZQ, 281/537-8596
ATV

Satellite:

Deral Kent K5WNO, 281/548-7476
RS12/13
Dick Rooney W5VHN, 281/288-8424

Electrical Design, Troubleshooting:

George Carlson, KC5RCC, 281/376-8307

Packet:

Don Bedell KA3BKU, 281/370-6576

VHF/UHF:

Brian Derx N5BA, 713/894-5942

Computer Operations:

Bob Argo KC5JZO, 281/288-7430

Computer Programming:

Keith Dutson WD5DXL, 281/351-7683

Interference (Basic Advice):

Harry Gage N5WIZ, 281/370-7488
Mark Tyler 281/587-0256

Card Checking for Awards:

DXCC - Bob Walworth N5ET, and Linda
Walworth KE5TF, 281/363-0209
WAS, VUCC - Brian Derx, N5BA
281/894-5942 N5BA@arrl.net
WAZ - Bill Gary K8CSG, 281/537-9240
CQDX - Bill Gary K8CSG

NARS Public Information Officer:

George Levandoski, KD5AYF
713/895-0700 kd5ayf@mindspring.com

PRESIDENT & BOARD CHAIRMAN

George Edwards, K5VUU
281/376-4209 gedwards@onramp.net

VICE PRESIDENT

George Levandoski, KD5AYF
713/895-0700 kd5ayf@mindspring.com

SECRETARY

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

TREASURER

Keith Dutson, WD5DXL
281/351-7683 kdutson@wt.net

DIRECTORS

Bill Gary K8CSG
281/537-9240 k8csg@arrl.net
Joe Sokolowski KD5KR
281/353-2196 kd5kr@juno.com
Steve Niles, N5EN
281-580-6080 n5en@wt.net
Bill Stietenroth, K5ZTY
281/893-3901 k5zty@juno.com

ACTIVITIES CHAIRMAN

George Levandoski, KD5AYF
713/895-0700 kd5ayf@mindspring.com

VE EXAM COORDINATOR

Bill Gary K8CSG 281/537-9240
k8csg@arrl.net

NARS Information

ADMINISTRATIVE SECRETARY

MarianDenton KB5SGV, 281/469-8331
w5nc@juno.com

*Call Marian for general information
about NARS. Send address, phone, e-mail
and other changes to:*

NARS Administrative Secretary
P O Box 690342
Houston, Texas 77269-0342

NETS

10M Ragchew: Monday 8:00 PM. 28.444
Coordinator: Jim Kirk, KJ5X
jrkirk@wt.net 281/537-0718

2M Information: Wed. 8:00 PM. 146.66
Coordinator: Bill Gary, K8CSG
k8csg@arrl.net 281/537-9240

WEB SITE

URL: <http://www.flash.net/~nars/>
Webmaster: Ben Worell KM5OT
km5ot@bfweb.com 409/773-4484
Trustee: Walter Hock KK5LO
kk5lo@flash.net 281/350-6633

REPEATERS

2M -- 146.060/146.660 (KA5AKG)
70 cm -- 449.375/444.375 (KA5AKG)
Digipeater -- 145.710(W5NC aliasNARS)

MEETINGS

Monthly General Membership at
Spring-Cypress Presbyterian Church
6000 Spring Cypress Road
Third Friday each month -- 7:30PM
Saturday Breakfast at Victor's Restau-
rant -- 7:30 AM
Wednesday Lunch Bunch at various
locations 11:30 AM (Info. on 146.660)

NARS NEWS is published monthly by the
Northwest Amateur Radio Society

Editor: Bill Gary, K8CSG
281/537-9240
k8csg@arrl.net

Send all articles and materials other than e-
mail for the Newsletter to:

NARS Newsletter
14834 Falling Creek Drive
Houston, Texas 77068

Northwest Amateur Radio Society is a Spe-
cial Service Club affiliated with the Ameri-
can Radio Relay League.
ARRL Club No. 2120