

NARS NEWS



The Northwest Amateur Radio Society

Houston, Texas

July 2002

July Meeting – High Voltage Presentation

This month's meeting has a little different twist. Aron Koscho KC5UTO and Justin Hays KC5PNP will put on a high voltage demonstration that will curl your hair. Aron 19 and Justin 21 will be demonstrating Tesla coils. Those that have seen their show say this is a real shocking experience. In order to get the full effect of their presentations we will be out side under the basketball pavilion at the church instead of the usual air-conditioned comfort of the normal meeting room. You will need to go in get a chair and take it back after the meeting.

Bill W5SB

NARS Field Day – 2002, Another BIG Success

By: Bruce Meier, NILN

I would like to start by thanking the many people that made the NARS 2002 ARRL Field Day event a BIG success. The first person would be OJ Quarles (K1OJ). OJ and I were the co-coordinators of this year's event.

Here is a partial list of the other volunteers. Without them there would not have been any event. If I missed anyone, I indeed apologize in advance.

- ▶ Tom Atkins (KD5EIJ) – Barbecue extraordinaire!
- ▶ Christy Richards (KD5NKY) – The rest of the food made the dinner complete
- ▶ Everyone that helped for set-up and take-down
- ▶ Ham and "Sheez" – Checked in 122 visitors and participants at the welcome tent
- ▶ Joe Sokolowski (KD5KR) – Banners and coffee and the "occasional joke"
- ▶ John Cortelyou (N5RVG) – Thanks for the tables and chairs
- ▶ Ken Harlan (KA5AKG) – Jenny just keeps on chugging
- ▶ Kent Porter (KE5NT) & Laurie Meier (N1YXU) – Bonus points tracking
- ▶ Matt Stouffer (KE5MS) – Friday night / Saturday morning site security
- ▶ Mike Wheat (AD5IX) – You gotta love that tower on the trailer
- ▶ Paul, Gregg, OJ, Buddy, Deral & George: Station Captains
- ▶ Peter Wang (KF5ND) – Publicity

The weather was great – warm but low humidity thanks to the all weekend north breeze. All the equipment worked (most of the time). The porta-potties were in the shade. We had lots of time to play radio, talk to old friends and meet some new ones. We were even on Channel 11 news Sunday night @ 5:30 pm and 10:00 pm and then again on Monday morning. What more could we have asked for? Well, those of you that are out there for the contest side of Field Day – how about better band conditions? ? ? ? If it wasn't for good old 20 meters our scores would have been way down. Unlike previous years 15 and 10 never really opened, unless you consider 208 Q's and 20 Q's open!

I am in the process of generating the ARRL entry paperwork, but so far the numbers look like this:

CW station:	1094 Q's	@ 2188 points
SSB station:	1010 Q's	@ 1010 points
GOTA station:	239 CW Q's, 9 Digital Q's, 135 SSB Q's	@ 631 points
VHF/UHF station:	187 SSB Q's	@ 187 points
Satellite station:	5 SSB Q's	@ 105 points
Power multiplier:	2 (all generator power)	
NOTE:	Multiplier does not affect bonus points	
Bonus points:	10 of possible 12 activities	@ 1000 points

Total 2002 score: 8842

How does this compare to previous years?

2002 – Classification 2A: Q's: 2570, Points: 8,842 (tbd in December)
2001 – Classification 3A: Q's: 3342, Points: 10,970 (3rd place)
2000 – Classification 2A: Q's: 3264, Points: 9,212 (8th place)
1999 – Classification 2A: Q's: 2733, Points: 8,292 (17th place)

Whatever place we end up finishing in, we did have a great time. On Saturday night, just after dinner, I commented to Uncle Zed that I was actually so relaxed and enjoying the conversation with everyone that I didn't care what the "rate" was. His response was quite simple – and as always right to the point. "We finally got it right!"

Important Dates

Friday, July 19, 7:00 PM – General Membership meeting, Spring Cypress Presbyterian Church – Eyeball QSOs, 7:00 PM.

Saturday, July 27, 8:30 AM – VE License Exam Session, Tomball Community Center, S. Cherry & Market streets (just South of Main).

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

Contests

Jul 13–14 IARU HF Championship
Jul 20–21 NAQP RTTY, CQ WW VHF, Georgia QSO Party
Jul 27–28 IOTA, Venezuela Independence CW
Aug 3 European HF Championship
Aug 3–4 NAQP CW
Aug 10–11 Worked All Europe CW, Maryland–DC QSO Party
Aug 17–18 NAQP SSB, New Jersey QSO Party

Wednesday Lunch Bunch

Jul 10: Jason's Deli
Jul 17: Charlie's Hamburgers
Jul 24: Woodlands House
Jul 31: Brown Sugar's BBQ
Aug 7: Casa Imperial Mexican

Wednesday Lunch Bunch – West

Jul 10 Jasons Deli
Jul 17 Luthers BBQ
Jul 24 Skeeters
Jul 31 Fast Eddies
Aug 7 Cafe Express

Notice

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

Deadline for articles to appear in the next issue is the last day of this month.

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

President's Corner

July 2002

Wow!! What a weekend. Without question the best Field Day of which I have been associated. Congratulations to all. In particular, congratulations to our Field Day Coordinators, Bruce Meier, NILN and OJ Quarles, K1OJ for organizing such a successful effort. Field Day by its nature takes many resources to be successful. Equipment has to be obtained via donation. People need to donate their time. This may require time away from family for the setup . . . the teardown, not to mention the 24 hours operating. Thanks to all for your sacrifice and participation. NARS did it right AGAIN!

I have heard many comments so far relating to Field Day this year. Not the least of which was the BBQ. Tommy . . . OUTSTANDING CUSINE SIR. And to Christy KD5NKY and all of the ladies who contributed the salads and deserts, THEY WERE GREAT! . . . OH MAN it's amazing that any of us were able to speak into the microphones without constant . . . well without constant pauses for gastrointestinal indiscretions . . . if you know what I mean. The food was exemplary of culinary excellence. Speaking of the food Saturday Night, it was wonderful to see so many of your families participating

Thanks also go out to Cingular Wireless for their generous donation of the "Big" tower. Thanks Mike Wheat for your coordination efforts. Our Field Day Site for the last 2 years has been complements of the Spring Branch ISD. Thanks to Bill Denton W5SB and Captain, John Cortelyou N5RVG of the SBISD Police Department for securing the use of this area again, and to Mother Nature for the nice weather, lack of mosquitoes, and particularly the constant breeze that kept us cool all weekend.

We had Channel 11, KHOU TV out to the site on Sunday. They put together a very nice story for the news Sunday evening and on Monday morning regarding Field Day. Thanks go out to Pete Wang KF5ND, our Public Information Officer, for his work in putting together and submitting the press releases that were distributed to all of the various local media outlets, and his other public awareness campaigning. Cingular Wireless' Public Relations Dept. and Loyd Overcash KM5OE should also be commended for assisting Peter in his efforts, reinforcing to the media the many public benefits of Field Day. And thanks to KHOU Channel 11's Mike Zientek for spending so much time with us and for his great Field Day story.

The "Ham and Sheeze" put together the welcome tent this year. Ladies you did a terrific job. And thanks again for the salads and deserts they were great!

Murphy for the most part stayed away, save for a couple of minor glitches . . . Thanks Murph!

The NARS-FIELD-DAY-2002 . . . PROPELLERHEAD AWARD goes to George Pierce, W5GFP for his quote CONTRAPTION. Truly amazing George!

All in all it was a great Field Day. Results of our fun and hard work to follow.

See you all at the July Meeting!

73, George KD5AYF

Public Service Events *Your Radio Skills Are Needed*

No events scheduled this month.

Coming soon, SIRE Ride-A-Thon, Cat Spring, Texas, October 19, 2002. Please mark your calendar.

VE Session Results

There was no test session in June. The next NARS VE Test session will be held on July 27, 2002. See ya there.

Walter Hock KK5LO
NARS VE Session Manager

Thank you – Thank you – Thank you

My wife Anne and I thank you for the donated blood. It was very considerate of you.

Dick, W5VHN

Teachers wanted for Ham Camp at the Houston Museum of Natural Science

Every year, thousands of students flock to Herman Park to participate in week-long summer camps. Mostly in astronomy, chemistry, and environmental science, these camps give kids the chance to try something new and fun. I talked the head of student programs into giving us a chance to run a ham camp for one of the weeks, and guess what – it's fully sold out! I brought it up to the NARS board last fall and they said, sure, we'll be sure to find someone to help teach it. Well, the time has come and we need Teachers and Materials! I think we can get good materials from ARRL (I've already put in a request), but good teachers are also absolutely critical.

There will be two groups of kids – one 10-12 and one 8-10. Each has 2 hours in the morning and two hours in the afternoon, with an opportunity for an extended "after camp" for another hour or two. I think the best thing will be for one group to learn the rules and play with radios while the other learns electronic projects (maybe putting together a TenTec receiver, in groups). Then they switch for the afternoon. I also expect that some of the older group will be interested in going for the license whereas the younger group probably won't. For those we can have the ARRL videos in "after camp". OJ has agreed to hold a code class in the following two weeks for those who want to learn their code.

So, anyone want to volunteer to teach? (There is a small but sincere honorarium). To volunteer to help? (You CAN bring along your child as a helper or learner!).

Let me know ASAP if you are interested. The dates are Aug 5-9.

BTW, they have also agreed to let us install a permanent ham station at the Museum, for volunteers to staff on the weekends (like at the Goldwater Station at the Arizona Science Center). I'll contribute some bucks towards the radio at the station, but we also need to find good used equipment and willing folks to help put it together.

Pat Reiff KD5IZK
reiff@rice.edu

Ham and "Sheez" News

June Update:

The NARS Field Day Welcome Tent was manned (or should I say "womanned"?) by the ladies of Ham and "Sheez". We enjoyed greeting members and visitors; sharing general information about amateur radio and HandiHams; and being part of the weekend event. Many thanks to all who helped at the Welcome Tent! Also, many thanks go to the ladies for bringing the desserts for the Saturday evening barbecue. The dinner was absolutely delicious due to the tremendous work of Tom Adkins (KD5EIJ) and Christy Richards (KD5NKY). The desserts added the finishing touch.

Our June outing was to the International Gem and Jewelry Show at the Reliant Arena on Sunday, June 23. All who went had a terrific time and came home with treasures and, more importantly, "wish lists" for their husbands to use for upcoming special occasions! Future jewelry shows will definitely be on our list of activities.

The June meeting was certainly a change of pace and a very relaxing evening. We learned the technique of color tinting black and white copies of photographs. The pictures that were chosen for the color tinting had great stories – the only known picture of a grandmother with her husband (circa 1916), a mischievous little niece, and a grandmother (known by the group today) and her husband. If only the pictures could have spoken and filled in the blanks of the stories we were sharing! It truly was a very enjoyable evening.

The Ham and "Sheez" group has put together an information book about HandiHams. The information includes the history of HandiHams, an application form, a brochure about the Camp courage program, a full copy of a recent QST, and local contact information for prospective HandiHams members. Copies of the book have been brought to TIRR (The Institution for Rehabilitation and Research) and will be distributed to other rehab facilities and hospitals in our general area. If you know of a facility or an individual who might be interested in the information book, please let me know. We'll be happy to give NARS members copies for further distribution.

As was mentioned in a previous update, HandiHams is preparing for their Summer Radio Camp 2002 to be held in Minnesota. The dates for the camp are Tuesday, August 27, through Tuesday, September 3. Patrick Tice, WA9TDA, the HandiHams manager has extended an invitation to NARS for a member of our group to be a volunteer at the camp. The NARS member will need to provide his/her own transportation. HandiHams will supply food and lodging. If

July Activities Update:

Since we had such a great time with our husbands / significant others at our May barbecue, we are going to invite the guys to the July outing! On Saturday, July 20, we will be meeting for dinner at the Stillwater Grilling Company in Tomball at 5:00. It is located next to the Rib Tickler on the Tomball Parkway. After dinner, we will be heading north to Magnolia for the show at the Texas Opry Jamboree that starts at 7:30. For more information about the Jamboree, please look at their web site (www.texasopry.com). Trust me when I say that the show is always great! Please be sure to join us for a fantastic evening.

If you do plan on joining us on Saturday, July 20, at the Stillwater Grilling Company and the Texas Opry Jamboree, please let me know by Friday, July 12, so reservations can be made at the restaurant and at the show. The cost per person at the Texas Opry Jamboree is \$9.50.

The July meeting will be held on Monday, July 29, at the Spring Cypress Presbyterian Church, beginning at 7:00 pm. We have quite a few topics to cover at the meeting –

- Our next steps in working with HandiHams
- The Ham and "Sheez" link on the NARS web page
- A novel that our group might read – If you have some ideas or have been waiting to read a specific book, come to the meeting and help us make a choice!
- Outing plans for the next few months
- While we chat about these topics, we

HandiHams Update

you are interested in being a volunteer at the Summer Radio Camp 2002, please let me know or contact Patrick directly at wa0tda@arrl.net. The radio camp would be a great first-hand introduction to the work of HandiHams.

HandiHams publishes a weekly e-letter to keep their members up-to-date on current activities and to provide general information. One section of their e-letter details open volunteer opportunities. Currently, a volunteer position exists for an events editor. Essentially, the editor would browse the web and other sources for upcoming events that might be of interest to the HandiHams members. A summary of the events would be forwarded to Patrick for publication on the HandiHams website. I am willing to be the coordinator for the events editor if a few additional NARSians would volunteer to help. If you're interested in participating in the work, please let me know as soon as possible. I would like to get in touch with Patrick to let him know that NARS is willing to assist in this area.

Just a reminder – If you're interested in being

will each be decorating a paper mache box to be used for potpourri, trinkets, jewelry, etc. The boxes will be provided; however, the decorations will be a collaborative effort. So, check your drawers, closets, and sewing boxes for unusual buttons, ribbon, doilies, bows, scraps of material, and other appropriate items, and be sure to bring them to the meeting.

Looking forward to seeing everyone there!

Monthly Ham Recipe:

This month, we're back to our theme of ham as a primary ingredient! The following recipe is for ham delights, a very nice hors d'oeuvre.

1/2 cup ham, ground
3/4 cup Swiss cheese, grated
1/3 cup celery, finely chopped
2 Tablespoons fresh parsley, finely chopped
2 Tablespoons mayonnaise
2 teaspoons bottled horseradish
2 Tablespoons rose wine

Thoroughly mix all ingredients. Mound onto crackers or buttered bread forms. Broil until hot and bubbly or serve cold. Approximately 30 canapes.

Enjoy!

*Best regards,
Laurie Meier – N1YXU
936-271-1096
n1yxu@arrl.org*

a volunteer for HandiHams, please register in the volunteer section of the website at <http://www.mtn.org/handiham>. NARS is registered as a volunteer club; however, individuals are also encouraged to register directly. You can also keep updated regarding HandiHams activities by subscribing to their weekly e-letter. Subscription information can also be found on their website.

In the near future, Ham and "Sheez" will be asking for assistance in demonstrating amateur radio at specific rehab centers, schools, or other facilities. One of the most effective ways to share amateur radio with physically challenged individuals is through hands-on exposure. We welcome any ideas and suggestions! Updates regarding this work will be provided via club meetings, the NARS reflector, and this newsletter.

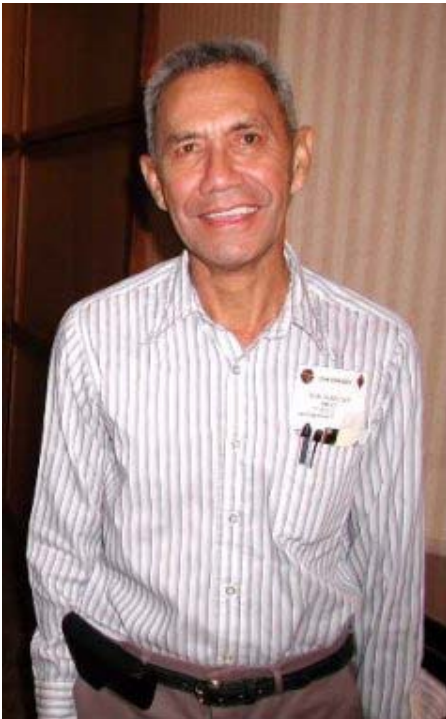
Thank you for your continued support in the work of the HandiHams organization.

*Best regards,
Laurie Meier – N1YXU
n1yxu@arrl.net*

DX News

“For All the NARS DX News Fit to Print”

June started off with a BANG! Were you there? If not, you missed possibly the best in DX. I am, of course, referring to HamCom 2002 in Arlington, Texas. Nothing beats working the DX, but staring DX and history in the face is unbelievable. This year’s DX luncheon included John ON4UN (Mr. Low Band DX –160 meter), and Tom Christian VP6TC of Pitcairn Island.



Tom Christian VP6TC

Tom’s presentation was a photo review of the Ducie Island – VP6DI DXpedition from earlier this year (March). The island is approximately 450 miles from Pitcairn, and it is uninhabited and covered in the usual ocean going rat population. From there, the story got real interesting as Tom described the 20-foot plus swells the group encountered shortly after departing Pitcairn. The swells were so large, that even he, a life-long mariner, told the group they needed to turn back. And they did. The boat was immediately re-chartered, and days later they made the trip safely to Ducie Island.

As often the case, Tom offered a photo tour of Pitcairn, and the luncheon guests took him up on the offer. What a tour and history lesson it was. As you know, Tom is the fifth generation of Fletcher Christian of the real-life story of “Mutiny on the Bounty.” Without going any further, simply said, everyone was pretty well riveted to their seat. What a history lesson! Congratulations to the Lone Star DX Association and TDXS, and all of the other DX organizations and ARRL West Gulf Division Clubs for bringing this all together. Ya just have to wonder “Can they do this again next year?”

Checkout Keith’s HamCom photo gallery:

<http://www.dutson.net/Ham/wHamCom2002.html>

Speaking of next year, the ARRL National Convention will be in Arlington!

Well thanks for the indulgence, back down to earth now. What’s happening around here with respect to DX? Actually, at this QTH anyway, June was better than May. Though it seemed the solar flux was down a bit on average, the solar blackouts were less in number and seemingly a bit weaker?

The numbers never lie. Here we go:

* The high SFI occurred June 1st with a reading of 182 down from the 191 May.

* The low SFI occurred on June 15th with a reading of 131 down from the 153 of May.

* The low A index occurred on June 1st with a reading of 3.

* The high A index occurred on June 3rd with a reading of 17 down nicely from the 35 and 44 readings of May.

* The low K index occurred on June 1st, 18th, and 28th with a reading of 0.

* The high K index occurred on June 2nd, 10th, and 19th with a reading of 4 down as well from the 7 of May.

Local Events:

NARS Dxer’s did pretty good during

June as usual. Here’s their report.

Cal WF5W dropped us a little note of his DX activities during the month of June. Seems as though Cal stopped by K5VUUs place just before his cross-country DX trip to South Dakota. Apparently, George K5VUU performed a little hocus pokus (and some voodoo) over Cal’s screwdriver antenna (4th iteration, 10th modification) before the trip. Everything checked out just fine. So, Cal struck-out-a-grinnin’.

Once on the trip, Cal worked John W5PDW and other DX (?). The high point of the trip was dreaming of the new TenTec Orion. Cal twisted the knobs, listened to the two 32 bit processors hum, moved the audio from left to right, then back to the middle. Cal dreamed of the “DX” that could be released from the radio, and it followed him all the way home!

Part two of this wonderful story goes like this. Cal out-of-town. John visits Cal’s mailbox daily! Need we say more?

George K5VUU racked a nice new country for June: OJ0U Market Reef on 20 meter CW. In addition, new cards arrived from: YI9OM IRAQ 15 meter SSB, ET3PMW ETHIOPIA on 15 meter SSB, YK1BA SYRIA on 20 meter SSB & CW, and XR0X SAN FELIX ISLAND on 15 SSB & 20 CW.

John W5PDW says it was a pretty good month in his logbook. John finally received his A71MA card from Mohamed for a new country confirmed. He worked YA5T in Afghanistan for a new one on 15 meter SSB. John also confirms that he worked Cal WF5W from Hot Springs, S.D. Cal and Pat were seeing the sites from his p/u. The screwdriver antenna was doing its thing, 5–7 barefoot and 5–9+5db with amp on 20 meters. (Folks mark this down. Two of our finest members telling the same story, and they MATCH!) Unbelievable!

Continued on page 5

DX News – Continued from page 4

John's other log entries went this way: J48 20 ssb, BQ5P 15 ssb, CA0 10 ssb, SP5 10 ssb, OH1 20 ssb, W8S 20 ssb, and XO0TA on 20 meter SSB.

Norm K5OS says he enjoyed June's DX, Zap! Norm says he was late checking into the Monday night net on the 17th so he dropped down to 15 meters and found Mohamed A71MA in a massive pileup and before he knew it, "zap" in the log he went! Norm had zapped him all over the bands before getting in the log. A couple of nights later he found another pileup and "zap" in went TA3D after a few nervous minutes. The next day "zap" in went VP2MEG on Montserrat. The next day "zap" in went 3XA8DX Guinea! By this time Norm is zapped himself with much joy. But, the zapping didn't stop. The very next day his log was zapped with an entry from BX5AA. Finally, Norm's card from 9K2GS found it's way into his mailbox. Norm, calm down. This is good stuff!

Larry KN5Z logged the ER1QQ operation in Moldavia. Larry picked up two new cards in June: XR0X and A71MA both for new countries.

Jim KJ5X has a different story to tell about June's DX, but Jim does say it was better than May. "On 15M there was BQ9P, GB0Z, HL17FRF, and YA5T (2nd time in two weeks, #320). CT1CJJ on 20M SSB and NH6D/KH4. 17M saw VK9LO and J48ALO: 20M included NH6D/KH4 and CT1CJJ (a special event). Still looking for some easy ones such as P5, S2, 9N, T5 and 7O. Hope springs eternal. Call if you hear them. Reward.

Al W5ADF logged the following in June: 5N6NDP Nigeria 15M phone, TK/IK2HNA Corsica 15M phone, BQ9P Pratas 15M phone, 9M6AAC E. Malayasia 17M phone, EK6TA Armenia 15M phone, Cards received in June were YJ8DA Vanatu, 9M6AAC E. Malaysia (That was Fast), OH0EA Aland Isle, JW4X Svalbard, C56JJ The Gambia. Al has 151 confirmed with only 183 to go to work them all.

Jim K5JDB had 59 DX contacts during June. Some of the more uncommon

were TA2RC/0 Kefkin Is.(which Jim had not been able to find), A61AJ United Arab Emeritus, V73RX Marshall Is, J69AZ St.Lucia, A35RK Tonga, VP2E Anguilla, 3XA8DX Rep.of Guinea, V44KCP Nevis Is, 5N6NDP Nigeria, and A41LZ Oman. In addition to the logged DX, Jim received a couple of very nice cards in June: A35VK Tonga and 4W6MM East Timor.

Bruce N1LN worked and confirmed P5/4L4FN – North Korea on 15 meter SSB, in the same month! Bruce logged the following for new band countries: 3XA8DX Guinea 40 meter CW, 20 meter SSB, 9N7BR Nepal 15 Mr CW, and BQ9P Pratas Island on 15 meter CW, 12 meter SSB. Looks like Bruce was successful in beating John W5PDW to his mailbox: S9SS Sao Tome, J28VS Djibouti, D44AC Cape Verde, CN8YR Morocco, V63RF Micronesia, 9K2MU Kuwait, and 8Q7IJ Maldives. Bruce also notes that at press time, the rotor is under examination. More next month no doubt.

Congratulations to all for their DX efforts. Great job!

From this Station:

June was pretty doggone good come to think of it. 78 QSOs in the log representing 53 countries and 53 prefixes. 33 QSOs on 20, 24 on 17, 19 on 15, 1 on 10, and 1 on 40 meters. 24 IOTAs found their way in the log.

Countries worked: 3V8KO, 3XA8DX, 4X4MU, 4X4WN, 5R8FU, 8J2C, 9H3TI, A35RK, A71MA, AC4LN/TI2, BW4/K4WA, CA0YAM, CE1VLY, CY9DH, DK0RMR, EA5KB, EA6/SP4AOQ, ES1QD, F/ON6JUN/P, F5EMP, FP5BZ, FP5KE, FY5FY, GB4ASP, GB50, GQ4APL, HB0/DL7VEE, HH2/DK6ST, HQ4C, IB0A, IK3RIY, LX/DH2WQ, MD3ABZ, MI0AYR, N6WIN/P4, OH0ZV, OH7XE, OK1FKM, OK2ZW, OZ1ING, PP5XZ, RA9XY, S9SS, SN800R, SV1SL, SV9CVY, T30ED, T77C, TA3D, TG4/AC4LN, TI2LC,

TI5/N0KE, TI8/W5AA, UA9AYA, UA9MHN, US0HZ, UT1FG/MM, VA3QSL/1, VE1OTA/P, VE3EXY/2, VK7GK, W5AA/TI8, WP2Z, XL7DP, XO0TA, XW1IC, YO7CJF, Z36A, ZA1E, ZD7VC, and ZL2CAT.

A couple of nice cards arrived this month: K7ASU/KH9 Wake Island, VP8THU South Sandwich Island, VP8GEO South Georgia, and XR0X San Felix Island. New band country cards arrived: 9K2GS, N4XP/V7, VK0MM, HZ1AB, TZ6YV, TA3DD, and JY4NE.

Yep, June was a good month. HamComm topped it all off. Let's go get 'um in July! See you on the bands.

Scheduled DX Operations

Here are some of the scheduled DX operations for May. Good hunting!

- * 07/02–08 Iceland TF
- * 07/02–10 Marshall Islands V73
- * 07/02–12 Western Samoa 5W
- * 07/03–08 Madeira CT3
- * 07/06–08 Svalbard JW4LN
- * 07/08–11 Market Reef OJ0VR
- * 07/08–11 Market Reef OJ0
- * 07/09–16 Svalbard JW4LN
- * 07/10–25 Guadeloupe FM
- * 07/11–18 Swaziland 3DA0CF
- * 07/13–14 Guam KH2VI
- * 07/15–08/14 Benin TY
- * 07/16–29 San Andres/Providencia HK0ZZ
- * 07/17–21 Svalbard JW4LN
- * 07/19–22 Ceuta Melilla EA9
- * 07/27–29 St Pierre/Miquelon FP
- * 07/30–08/11 Maldives 8Q7ZZ
- * 07/31–08/05 Alaska KL7AK

Thanks to Cal WF5W, George K5VUU, John W5PDW, Norm K5OS, Larry KN5Z, Jim KJ5X, Al W5ADF, Jim K5JDB, and Bruce N1LN for continuing to support this month's column. Your support for this column is appreciated.

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

*73 es gd DX to all ...
de — H. O. WA5MLT*

Welcome, Congratulations and Condolences

Condolences to The family of Dr Jerry Reynolds KI5QA who died in a deep sea diving accident in the Cayman Islands.
Welcome new members Janet Cortelyou KD5RVC, Lee Kinard K5AVY and Joe Mirsky KA5LJB.

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
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Larry McCain KN5Z
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Madison Jones W5MJ
281-350-4330, w5mj@houston.rr.com
Bill Rister W5CYP – ATV
713-694-6074, brister@hal-pc.org

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Dick Rooney W5VHN
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Harry Gage AC5XD
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Card Checking Awards Managers:

Bob Walworth N5ET – DXCC
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*Send address, phone, email and other
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Houston, TX 77090-0387

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

NETS

10 M Ragchew: Mon 8:00 PM, 28.444 ssb
Coordinator: Jim Kirk KJ5X
281-376-0718, kj5x@swbell.net
2M Information: Wed. 8:00 PM,
146.66MHz
Coordinator open

WEB SITE

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

NARS REFLECTOR

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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
column)

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