

AARC OVER

Bulletin of Austin Amateur Radio Clubs

Austin Amateur Radio Club
Austin Amateur Television Club
Austin Repeater Organization

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Ham Radio at It's Finest

Excerpts from "The Maritime Mobile Service Network" and letter to Robert Botik, K5SIV

On Friday June 25, 2004, at approximately 03:40z, amateur station VK4CEJ (John in Queensland, Australia) came onto the Pacific Seafarers Net (14.313 MHz.) and reported that he had emergency traffic from the Sailing Vessel (SV) Fingolfin. The people on Fingolfin were not amateur radio operators. SV Fingolfin was described as a 47 foot ketch.

SV Fingolfin was in the Pacific Ocean. There were two people onboard, John and Kelly Hallows. Kelly reported that John had medical condition and he required pain medication. Enough medication had been brought aboard for the trip from Mexico to the Marquesas but, due to light winds, the trip was taking longer than planned and the medication had run out. John was experiencing debilitating pain in his head and was not able to assist with the ships routine. It was learned that SV Fingolfin had approximately 50 gallons of diesel fuel. The winds were very light and sailing was not an option. Arrangements were made through K5SIV (Bob in Austin, TX), the USCG - District 14 (Honolulu, HI) and the owner of a nearby Greek container ship, The Irene Logos, to meet the Fingolfin and transfer some medication. However, during this transfer, Fingolfin was badly damaged after being struck by the larger ship and Kelly was injured. It was later learned that the medication that had been transferred was the wrong kind!



June 25 approximately 19:30z, W6KH in San Diego, CA., came onto the Maritime Mobile Service Network (MMSN) saying that he was in contact with VE0WND (Steven on SV Wind Runner). At this time Wind Runner was in contact with the Fingolfin and they were requesting assistance. All stations had come to 14.300 MHz but there was no propagation into the Pacific on this frequency. W6KH was instructed to contact USCG San Diego with all of the information and he was given the telephone number. All stations involved then returned to 18 MHz to continue the

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Periodic Events

Sun	6:45 p.m., Bastrop ARES net	145.35-(114.8)/443.75 + MHz
Sun	7:30 p.m., Travis ARES net	147.36 MHz + (131.8)
Sun	8:00 p.m., Travis ARES Packet	145.73 MHz -
Sun	8:00 p.m., Williamson ARES net	145.13 MHz -
Sun	9:00 p.m., ARO Swapnet	146.94 MHz -
Sun	(After Swapnet) Newsline	146.94 MHz -
Mon	6:45 p.m., Hays ARES net	147.10 MHz -
Wed	8:00 p.m. Code Practice	146.78 MHz
Wed	11:30 a.m.-1p.m., Travis County ARES lunch @ Jim's 183 & Burnet Rd. 837-1119	
Thu	11:30 a.m. - 12:30p.m., lunch, Waterloo Ice House	444.1 MHz+
Sat	7:00 - 8:30a.m., breakfast, Waterloo Ice House, 8600 Burnet 444.1 MHz +	
Sat	9:00 a.m., Chapter 67 QCWA QSO Net.	3.920 MHz LSB
Daily	CTTN Central Texas Traffic Net, 6:30 p.m.	147.14MHz+

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(Continued from page 1) Ham Radio at It's Finest incident.

June 25 approximately 23:00z, propagation was now favorable and the MMSN began to handle the emergency traffic. N6JRD/MM (John on his boat in the Pacific) relayed the information from the SV Fingolfin to KA6LSL (Bob in Yuma, AZ). This information was then relayed to K5SIV who was in contact with USCG - District 14 in Honolulu, HI. CEJ also copied the Fingolfin and contacted John and Kelly's family in Australia. USCG District 14 had contacted the French Navy, in French Polynesia, and assets were being prepared. At this time Fingolfin reported that John was in extreme pain and unable to assist with the vessel. was also learned that Kelly was exhausted and unable to continue. Both were dehydrated. Kelly was not able to keep any water down and this had been going on for the past 3 days. Kelly was also injured during the collision earlier and unable to put any weight on one of her legs. The seas were rolling but the weather good but with little wind. An hourly schedule was arranged with Fingolfin on 14.300 MHz. All stations remained on frequency with the Fingolfin after the MMSN closed at 02:00z

June 26, approximately 03:35z, K5SIV patched Dr. Jim Hirschman K4TCV, in Miami, FL, to the Fingolfin and a medical assessment of their condition was made. It was determined that Kelly most probably had a broken leg and/or pelvis and needed to be restrained to relieve the pain from the ships motion. There was little that could be done for John and it was then discovered that he had been without medication for the last 72 hours. Due to the dehydration of both onboard, evacuation to a hospital was imperative.

At 05:42z, the French Navy Patrol Vessel "La Tapageuse" came to 14.300 MHz and advised that they were on their way to the Fingolfin's last known position from the Marquesas. Tapageuse estimated approx. 30



hours before they would be on scene. A series of questions & answers to/from the Fingolfin were relayed by VK4CEJ and K5SIV to the Tapageuse. The Tapageuse advised they would attempt contact at 09:00z with an update., the hourly schedule was maintained by VK4CEJ, K5SIV and N6HGG (Bob in Humbolt Bay, CA.). Because of the impending ARRL Field Day contest, an alternate frequency of 14.355 MHz at 00:00z was arranged with the



(Continued on page 5)

Ham Radio Volunteer Exam Results

ARRL VEC – The following is a summary of the ARRL VE test session held at Murchison Middle School on July 10th, 2004:

Technician Class Licenses Processed and Issued

Pierre D. Blondin, **KE5CAK** Russell L. Jones, **KE5CAJ**
David K. Miller, **KE5CAL** Joseph A. Sidwa, **KE5CAI**
Thomas A. Visel, **KE5CAM** (Tech. Plus)

General Class Licenses Processed and Issued

Hugh A. Blemings, **KE5CAN**

Examiners Participating in this Test Session

Howard Glueck, **K5ZUA** Larry Gunter, **WB5BEK**
Joe Makeever, **W5HS** Herb Nolen, **W5HMN**
Ron Parsons, **W5RKN** Joe Thiel, **N5SMN**
Rick Trommer, **W5RHT**

Next Two ARRL VE Test Sessions

August 7th - Red Lion Hotel (ARRL Texas State Convention) September 11th - Murchison Middle School
TNX ES 73 DE W5HS
Joe

W5YI-VEC – The South Austin W5YI VE team heartily congratulates all of the following people who earned new or upgraded amateur radio licenses at our July 17th session:

Extra Class –

Hugh A. Blemings, **KE5CAN**
Christopher Crane, **KE5ABD**
Bill A. Goff, **N5WCB** Kelly M. McDaniel, **K5KTD**
Thomas A. Visel, **KE5CAM**

General Class –

David A. Bartold, **KB5VYP**

Technician Class (all new licensees) –

Francisco S. Artes Stefannie L. Cloud
Edward I. Franks Margaret M. Gres

Our volunteer examiner were:

Hugh Brown, **NT5O** Tony Lyon, **KJ5XF**
John Fisher, **K5JHF** Jimmy Mercer, **N5WDH**
Lloyd Goehring, **N5TO** Roger Pfluger, **AC5IP**
Jim Greenwood, **AB5EK** Rick Trommer, **W5RHT**

Our next two sessions: August 21st and September 18th, 2004 at 2 PM in room 109 of Fleck Hall on the campus of St. Edward's University.

Exam fee is \$12.00

Please bring two forms of identification plus your social security number. Sessions are accessible to handicapped applicants.

No pre-registration is required.

Walk-ins are welcomed.

Austin Amateur Radio Club, Inc., PO BOX 4739, AUSTIN TX 78765-4739, Web site: <http://www.austinhams.org>

President	John Suchyta	KG5O	261-4931	kg5o@arrl.net
Vice President	Jerry Jackson	N5UJ	832-5663	jerry@gaj.com
Treasurer	Roger Wines	W5WIA	453-2193	w5wia@arrl.net
Secretary	Lee Cooper	W5LHC	260-7757	w5lhc@arrl.net
Editor, AARCOVER	Mitch London	KD5HCV	472-2843	kd5hcv@arrl.net
Technical (Repeater Contact)	Ed Golla	K3AHS	255-4818	edgolla@hotpop.com
ARRL Travis Co. Emer. Coord.	Lee Cooper	W5LHC	260-7757	w5lhc@arrl.net
ARRL Public Information Officer	Roger Wines	W5WIA	453-2193	w5wia@arrl.net

Austin Repeater Organization, PO BOX 4739, AUSTIN TX 78765-4739 Web site: <http://www.austinhams.org>

President	Jeff Schmidt	N5MNW	255-6753	n5mnw@arrl.net
Vice President	Rick Kirchhof	KD5ABM	454-4306	rick@kirchhof.com
Secretary	John Suchyta	KG5O	261-4931	kg5o@arrl.net
Treasurer	Roger Wines	W5WIA	453-2193	w5wia@arrl.net
Editor, AARCOVER	Mitch London	KD5HCV	472-2843	kd5hcv@arrl.net
Director	Mitch London	KD5HCV	472-2843	kd5hcv@arrl.net
Director	Nick Broline	W5FUA	929-4314	nick.broline@baesystems.com
Director	Lee Cooper	W5LHC	260-7757	w5lhc@arrl.net
Director	Stuart Rohre	K5KVH	255-2932	k5kvh@arrl.net
Director	Fred Neuenschwander	W5FQR	345-2145	Fred_Neuenschwander@amat.com
Transmitter Hunt Coord.	Mickey McInnis	WX5U	339-0344	mcinnis@austin.ibm.com
Technical (Repeater Contact)	Jon Dahm	WB5PCV	328-6662	jon.dahm@motorola.com

Please contact a club officer, attend a meeting, or mail us to join either or both organizations.

The Austin Amateur Radio Club, Inc. and The Austin Repeater Organization have combined membership dues of \$20.00/ calendar year (\$30.00 family to the same address)

The Austin Amateur Radio Club, Inc. AARC maintains a repeater with an open autopatch and emergency power on 146.78 MHz and an emergency HF/VHF station at the American Red Cross building. Persons residing or working within the coverage area are expected to join the club, if they use the autopatch. Non-residents on short visits are welcome to use this autopatch.

The Austin Repeater Organization ARO maintains the following repeaters: 146.88MHz (-600) with autopatch; 146.94 MHz (-600) used for Weather Net when called, and Travis County ARES. It is also used for Swapnet and Newline @ 9p.m. Sunday; 224.80 MHz (-1.600); 444.10 MHz (+5); & 145.01 <Hz packet NetROM node (KB5PM-1 or alias AUS). Persons residing or working within the coverage area are expected to join the club, if they use the autopatch. Non-residents on short visits are welcome to use this autopatch. **The 146.78 and 146.88 repeaters have open autopatches.** Please transmit your call **before** sing the phone patch. Press * and dial the phone number to place a call. Do not unkey after the *. When finished, press # to hang up the phone. Dial 911 (no * needed) for emergency services.

AARCOVER Information

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Members and other readers are encouraged to submit material for publication. Call Mitch London, if mailed submissions are required. Electronic files are encouraged! Submissions may be edited for publication. **Deadline is the 15th of the month.**

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Thanks to Smokey Wiley, K5RDJ, and his wife, Betty Wiley, KD5DTC, who mail the AARCOVER each month!

For Changes in your ADDRESS, PHONE NUMBER or CALL SIGN:

See Roger Wines, W5WIA (512) 453-2193 w5wia@arrl.net

Roger handles all changes for AARCOVER mailing labels & membership information & roster questions.

CLUB MINUTES

ARO Meeting, July 6, 2004

The meeting was called to order at 7:03pm by President Jeff Schmidt, N5MNW, at the Marimont Cafeteria on 38th at

Guadalupe.

Visitors: Jerry Lee, WA5IJE, visited with us tonight.

Monthly Drawing Winner: Curt Goodson, W4QBU, won the door prize, a Radio Shack SWR meter.

Minutes: The June 2004 ARO meeting minutes were approved as published in the AACROVER.

Treasury Report: Treasurer Roger Wines, W5WIA, reported a bank balance of \$2245.98. Roger reported that this year's Field Day expenses were more than budgeted, so he passed the hat for donations.

Roger also announced that the AARC finally received notification from the IRS that the AARC is now 501.c.3 qualified. Members (and non-members) can now make tax-deductible donations. Get a receipt from Roger.

Technical Committee: No issues.

Old Business: None.

New Business: None.

Web Site: Nothing to report.

Ham of the Month: President Schmidt named Pete Jordahl, K5GM, as Ham of the Month for his great efforts and attitude at this year's Field Day.

Equipment Loaner Program: The club's MFJ259B antenna analyzer is available. The Yaesu FT530 dual band HT and Kenwood TS140 HF rig are available. Contact Lori Schmidt, KM5MQ, to reserve equipment and make suggestions for new equipment.

Announcements: Joe Makeever, W5HS, gave an update on SummerFest. Same hotel as last year and programs are still coming together. He asked all to consider volunteering for various aspects of this convention that the ARO and AARC sponsor each year.

Joe also mentioned that Bill Giese, W5WPG, is in Heart Hospital.

Roger Wines reported that this year's Radio Roundup planning has begun. With our 501.c.3 designation, we may be able to get more donations this year.

Stuart Rohre, K5KVH, mentioned that the American Red Cross has some upcoming training for communicators and ARES members. The Orientation class will be held on Wed, July 14 at 6pm, and will be followed by Intro to Disaster at 7pm. Call the Red Cross to register for these free classes.

Mitch London, KD5HCV, announced that he has a new endeavor that he needs help with. He is collecting club records from as far back as possible. Several suggestions were made on who may have old newsletters and

correspondence.

The business meeting was adjourned at 8:03pm.

Program: Jeff Schmidt and Lewis Thompson, W5IFQ, presented pictures from this year's Field Day. Believe it or not, there was some sunshine amongst the rain.

Submitted by John Suchyta, KG5O

ARO Secretary

AARC Meeting, July 13th, 2004

The meeting was called to order at 7:20 pm by President John Suchyta, KG5O, at the ARL Labs on 10000 N.

Burnet Road, Austin Texas

Visitors: Pete Flynn, KE5BCG, Salaman, with no license yet, Harold Pessin, N6RTH, Tom Hartsell, KE5BTL and Dave Underwood, KE5BJB were visitors tonight. Pete, Harold, Tom and Dave are also new members!

Monthly Drawing Winner: The winner of the monthly door prize drawing was Bill Eastman, KE5ASU won a Motorola Speaker. Congratulations Bill!

Minutes: The June 2004 ARO meeting minutes were approved as published in the AACROVER.

Treasury Report: Roger, W5WIA reports the balance is currently \$2367.

Technical Committee: Nothing to report.

Committee Reports:

John, KG5O announced that the AARC has been officially awarded our 501.c.3 status. We are now a tax exempt organization.

Stuart, K5KVH stated that we need to finish the transfer of the dive team trailer to AARC and to get the tags renewed on it.

Stuart, K5KVH went over some field day facts. We had largest rainfall in last 24 years. Original sites were compromised by last minute construction on location. We had a LAKE created where the VHF tent was supposed to be setup. Had to reroute a number of antennae and locations to compensate.

20 meter SSB had most contacts (237 QSO's). 40 meter CW had next most at 140 contacts. Total points this year with bonus points gave us a grand total of 3132 points, even with all the rain!

Lori, KM5MQ thanked everyone for their efforts in bringing in new members. We have been doing well.

Announcements:

Bill Giese, W5WPG became a SK on Monday July 12th. Bill had suffered a heart attack a few weeks earlier.

Funeral arrangements details are not known at this point.

Joe, W5HS, made an announcement of the upcoming State Convention and hamfest, Summerfest to be held again this year at the Red Lion Hotel. See

www.austinsummerfest.com for details.

John, KG5O, mentioned the need to staff the talk-in stations and the ARRL table for the fest. Sheets were passed around.

The July Travis County ARES meeting will be on the Club Fred party boat on Lake Travis. Don, AC5YK has reserved the boat for four hours from 6pm to 10 pm. The cost of the boat is \$530 and if we can get 50 folks signed up we can do the boat ride plus food and drinks for \$15 per person. We need a definitive commitment by this Friday. Contact Don at AC5YK@arrl.net

The August AARC meeting will be a tour of the Decker Lake power plant. This is a secure facility so there is a sign up /background check sheet that needs to be completed and returned to Rick Kirchof no later than July 27th ARES meeting. NO WALKUPS or Last minute show ups will be allowed. Contact Rick at KD5ABM@arrl.net. Talk in will be on the 147.36 and we MUST be there by 6:00 PM. NO CAMERAS will be allowed.

Old Business: None

New Business: Joe, W5HS presented a check for \$300 to the AARC as the distribution from the last year's Summerfest Convention.

Web Site: The website, austinhams.org, has current information, the latest Swapnet and the current AARCover online. Check us out.

Meeting adjourned at 8:20

Program: The program tonight presented by Jeff, N5MNV was on Cross Band Repeating techniques.

(Continued from page 2) Ham Radio at It's Finest

Fingolfin. Although this frequency is outside the amateur band, it is permitted by international law during times of emergencies

At 06:57z, SV Fingolfin contacted on 14.300 MHz. and advised that they were beginning to take on water. They had pumps operating but the cause of the leak was not known.

At 18:43z- KE6SD (Gary on SV Amidon Light in Suvarrow Atoll) is in contact with SV Fingolfin. reports they are doing badly. Kelly advises that they are being "slapped around" a lot. She also fears that the mast may come down, the spreaders have failed, they have no sails and are wallowing in the sea. Kelly reports the wind is less than 10 knots out of the east and that they are drifting slowly to the west. They are able to keep up with the water coming into the boat. Kelly reports that John cannot keep water down. She is slightly mobile but in great pain. Tapageuse was on frequency and KE6SD acts as a relay between them. Kelly confirms they do have a life raft.

On June 27, 2004 at 01:29z, SV Fingolfin in contact with Tapageuse and discussing medical facilities onboard Tapageuse and status. Fingolfin advises that one mast has come down.

At 06:25z,N6HGG hears and answers a MAYDAY call from SV Fingolfin on 14.355 MHz. John advises that the broken mast and the antenna may soon go overboard, ending radio contact. He also advises that the mast has struck the life raft and that it is now useless. Other stations on frequency are KE6SD, K5SIV and VK4CEJ. Fingolfin advised to stay on this frequency, not matter what happens.

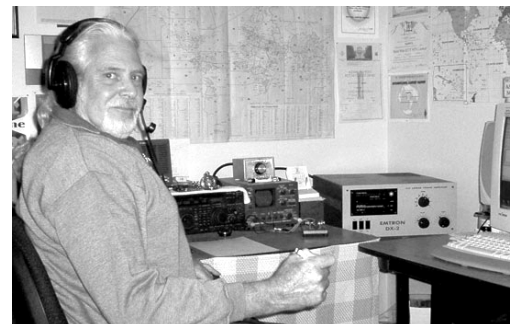
At 07:00z, contact was made with Tapageuse on 12.353 MHz and they came to 14.355 MHz. Fingolfin advised by Tapageuse to turn off their EPIRB and to turn it back on at 14:00z, in anticipation of a 15:00z rendezvous. This would assist in pinpointing their position. Fingolfin also advised to monitor VHF channel 16 and 14.355 MHz. It is not known whether the VHF radio works or has an antenna since the dismasting.

At 09:00z, VK4CEJ contacted SV Fingolfin. Signals were poor but it is learned that the other mast had also fallen.

At 15:30z, advised by Tapageuse that they are at SV Fingolfin and have taken John and Kelly aboard. Fingolfin is badly damaged and set adrift Both French Navy and USCG will regularly broadcast Fingolfin's last position to maritime interests. Tapageuse advises they are approximately 34 hours to Nuka Hiva.

On June 29, 2004 at 03:30z, K5SIV received an email confirming that John and Kelly have been admitted to hospital

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*(Continued from page 5) Ham Radio at It's Finest
in Nuka Hiva*

On July 2, 2004, K5SIV spoke with Tahiti Rescue Co-Ordination Center. He was told that both John and Kelly are out of the hospital. Kelly's injuries are still not known.

Here are the comments of the Commander of the 14th District - USCG to Bob K5SIV

Dear Sir,

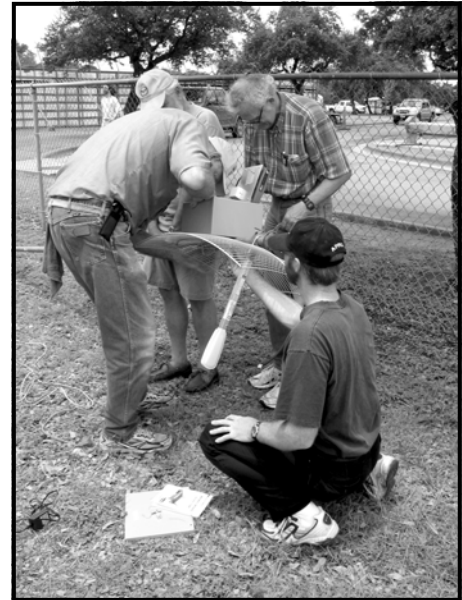
Please accept my sincere appreciation for the communications assistance you provided to Joint Rescue Coordination Center (JRCC) Honolulu from 25-27 June 2004 in coordinating the medical evacuation of two people from the S/V FINGOLFIN located 625 nautical miles north of Nuku Hiva. In this case, the S/V FINGOLFIN had limited communications capability on single sideband radio and the U.S. Coast Guard was unable to establish direct communications with the vessel. Upon request from JRCC Honolulu, you agreed to serve as a communications point of contact and sought to contact the vessel via every possible means. In addition to talking to the vessel directly, you were able to establish relays with radio operators in Queensland, Australia, San Francisco, California as well as with numerous ships throughout the Pacific Ocean.

Your valiant efforts enabled the U.S. Coast Guard to obtain key medical and logistical information from the S/V FINGOLFIN and then respond with a French Navy Patrol Boat from Tahiti. Your efforts and skills in radio communications directly resulted in the safe rescue of two personnel.

I applaud you for your noteworthy, unselfish devotion and commitment to aiding others in distress. Your actions uphold the highest principles and traditions of humanitarian service and of the U.S. Coast guard.

Sincerely,
C.D. WURSTER
Rear Admiral, U. S. Coast Guard
Commander, Fourteenth Coast Guard District

(Editors Note: These events unfolded during the 2004 Field Day, and most of the communications took place on or near the 20 meter band. During Field Day, it was mentioned how curious it was that the 20 meter band stayed open the entire night.)



Joe Fisher, K5EJL, Bob Morgan, WB5AOH and Alan Russell, no call, set up the wireless network antenna.



Stuart Rohre, K5KVH, at the 40m SSB station.

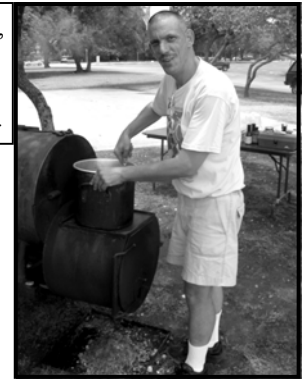


KXAN brings their own tower.



John Suchyta, KG5O and Charlie Gunn, KE5AY, work the 40m SSB station.

Rick Sheldon, no call, plays the roll of assistant chef.



Mike Albritton, N5LUQ up a tree with the ladder(line).



Jeff Schmidt, N5MNW, gets interviewed by KXAN's Sally Hernandez



OK, the tower is raised, now who wants to crank it up!



Kevin Kane, AD5RA and J.P. Sugarbrood, KD5ZVR working the 2 meter set up.



Fog settles in for the night.

Thanks to the photographers who submitted photos:
John Oppenheimer, KN5L, David Rivenburg, AD5OO,
and Mitch London, KD5HCV.

Using Your Small Dish Away From Home

Rick Kirchhof, KD5ABM

Many of you are owners of a Ka band home satellite dish. These are found nearly everywhere and extra copies of the outdoor hardware can be had for little or no cost if you look for them. Formerly, 8-12' big dishes were needed for the C band signals transmitted at 3-4ghz. The current crop of TVRO (Television Receive Only) dishes operate from 12-13ghz and take advantage of the extreme gain offered by a reasonably sized dish. These 18-24" reflectors have enough gain because of the much higher frequencies used in these systems. To learn more about the satellites, where they are found, frequencies used and the programming carried on each you can visit www.lyngsat.com, an industry jewel of reference materials.

Like many of us, I had an idea to use mine in an alternate location. A place at the lake, hunters shack, travel trailer or other RV, and even a campsite could be a place where you might want to use your satellite system. Initial install and setup of one of these receiving antennas is not a major thing but if you don't do it routinely, the process is a challenge. You must be aware of the setup process for your system and know the satellite location. More than anything else, one needs to deal with directions (true South) and look angles above the horizon. In central Texas, the satellites serving up our digital TV signals are located above the Southern horizon. As you travel to other areas of the country, this can change but several hundred miles in any direction only matters a degree or two when aiming. This makes things more or less predictable when choosing an install position since you understand that you need a view to the South. It does NOT make aiming the dish at its host satellite any easier.

In my situation taking a TV on longer vacations is helpful because of weather info, news and programming for my grandson if he travels with us. I had an extra dish with the feed horn and amplifier. These two items plus a length of RG-6 coax are all you need to support your home receiver. Some of the newer TVs will run on 12 volts. Your home satellite receiver needs only a few watts of 120v power. This is easily handled by the DC to AC inverters now available. This makes the TV and satellite receiver fairly easy to take with you. It still

leaves the original problem of installing and aiming a receiving dish from some remote location. I had formerly bolted my spare dish to a chunk of plywood. This made it quite firm, fairly easy to transport (throw it in the pickup bed) and it was cheap/easy to fabricate. My 5 minute mount did nothing for the original problem of aiming the dish. As a satellite installer and big dish owner since before HBO first scrambled, I know how to define a satellite position and then aim a dish at it.

I had an idea on how to simplify the aiming process by creating a "standard" satellite mount. Most of the fixtures are designed to have the uppermost section of the mounting pipe installed plumb. The various brackets, clamps and pre-bent mast sections allow for multiple install situations but yield a stub length of pipe sticking straight up. This is where actual dish is attached. I took advantage of this by cutting a very small piece of plywood and permanently attaching the dish mount to it. The original problem remains the same. How to get whatever holds the mount to point the topmost section of that pipe straight up. If you accomplish this task, the elevation angle on the dish can be preset to the correct value and locked down. Once the elevation angle is correct, swinging a dish left or right of due South will sweep across the satellite position and find your target quickly.

I developed a bent tube arrangement with three mounting feet to act as a host for the plywood. I used exhaust tubing and had it bent into a "V" shape. A local custom exhaust shop sold me a 10' length of tubing and made the single bend in the middle. I could have had it cut down but my cost would have been higher since I would pay for the entire 10' plus a cut. My small piece of plywood fits



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(Continued from page 8)

nicely across the center of the "V" and attaches with carriage bolts and wing nuts. Three points define a plane so all the weight rests on the adjustable feet with no wobble. Drilling holes in the "V" pipe is required. I use an RV bubble level to make the plywood level as I set up the dish. A one-time adjustment of the dish mount (once the plywood is level) places the dish mount plumb. This allows you to recreate the same plumb mounting pipe at any time by leveling the plywood. A second one-time adjustment is done when you set (and lock down) the elevation angle. Manually aiming and adjusting this angle on the dish allows you to get a correct elevation angle any time using the pre-defined (plumb) mast you have already built. The angle finder and fencepost level are helpful for initial adjustments during construction but are not needed later. The bubble level is always required and could be glued to the plywood if desired.

The mount comes apart into the mast bracket with plywood, three mounting feet, the "V" pipe and the dish itself. These parts easily store under the bed in the travel trailer. See the pictures for details. After construction, the setup process works like this:

Select a site with a Southern view. You need clear sky due South of you at about 45 degrees up.

Assemble the plywood to the "V" tube using the wing nuts

Insert the three feet (long carriage bolts) into the "V" tube placing the bolt heads down (for feet)

Use the bubble level to make the plywood level by adjusting the nuts on the long carriage bolts

Set the reflector assembly on the mast pipe (a friction fit is possible allowing no tool assembly)

Run your cable from the dish to the satellite receiver (my coax is permanently attached at the feedhorn)

Turn on your TV and satellite receiver, turn up the volume, enter receiver setup/aiming mode

Sweep dish slowly left and right of true South until you get a signal

Adjust the leveling feet and touch up left/right for max signal strength

Go watch TV



Once I select a location, the entire assembly and aiming process takes me less than 10 minutes. The cost for this project was under \$25 and the extra dish with feedhorn was free.

73
Rick

Austin Summerfest 2004

August 6th and 7th at Red Lion Hotel at IH-35 & 290

Smokey's Korner

I'm a student of human nature to a certain extent and have noticed thru the years that management people are tied to a code that separates them from each other. If you are a first level management person and would like to fix up your office with an area rug at your own expense and perhaps even buy yourself a pleasing mural for the wall, a plant on a small table it is forbidden. You must have hard surface floors in your office unless the whole building is carpeted. Murals are for management people of greater rank within the company. However if the building is not carpeted, the higher ranking management people can get his office carpeted at the companies expense. He can also get a mural for his walls. His boss if in the same building can get two larger murals for his office plus a hall tree, an umbrella stand, couch, end tables, plants and other personal effects. Everyone, no matter the rank were provided with a refuse container (garbage can). Years ago first level managers were allowed to have an ash tray on their desk while the next level and up had smoking stands. I wonder how many smoking stands got taken home when the ban on smoking in public buildings went into effect?

A first level manager with a metal desk was placed in a cubical in the middle of a room of workers. The next level of manager got an office on an outside wall with venation blinds near the restroom and drinking fountain. His boss however got a corner office near the elevator, drinking fountain, restroom with a beautiful wooden desk and drapes and also has mood lighting with a ceiling fan, small fake trees and live plants were a nice touch. Now if you are a really big shot, the company would take you to city functions or otherwise important events in a black rented limousine with a properly attired driver. Ah! Those were the days (in my dreams).

You might think it's lonely at the top, not so, would you not like to spend your time in opulent surroundings as these. These are just a few of the perks of top managers. Some make more money than the president of the United States. If you're a peanut counter one point seven five million comes to mind. There is always a foursome on the course any time you want it. If you have ever been a manager, have you been differentiated or what.

73 Smokey K5RDJ

The QCWA QSO

Keith Zimmermann, K5WX



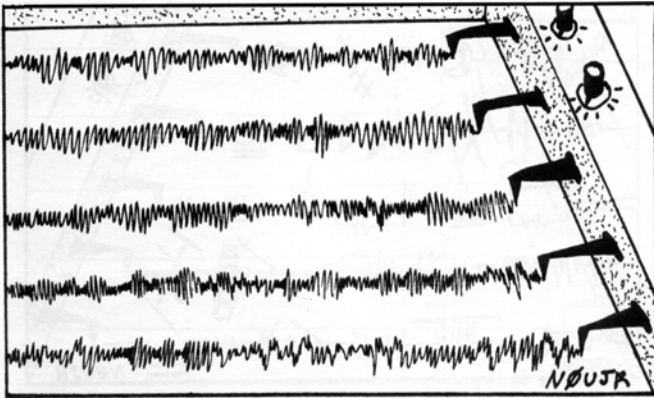
Chapter 67 has had some busy folks this summer. President Milt Cram, W8NUE, had the cover article in the July 2004 QST! His article, "The NUE Key--An Electronic Touch Sensor Paddle," provided information on building a CW key that works by touch only. In addition, K5WX and Vice President Bil Henson, WB5SYS, operated a Field Day station near La Grange, Texas. Their operations, on behalf of QCWA Chapter 67, netted them a front page newspaper story with a photograph in the Fayette County Record newspaper.

Chapter 67's August meeting will be held on Saturday, August 21 at the Marimont Cafeteria at 623 West 38th street near Guadalupe. The meeting starts at 11:30AM. Chapter 67 has been trying different meeting locations during the summer of 2004. A vote will be taken for a "permanent" home for Chapter 67.

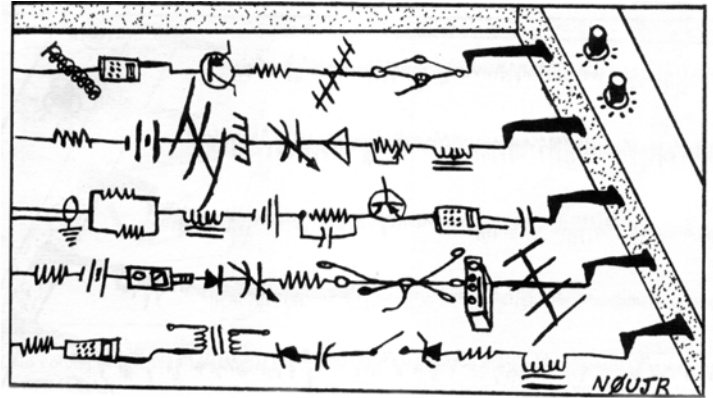
Always check the QCWA Chapter 67 web site at www.qcwa.net for meeting location and times. Remember, you don't have to be a member to attend. This is a great opportunity for folks to come together. There is also an Austin QCWA e-mail reflector at Yahoo Groups under AQCWA. Or, just call Keith, K5WX, at 258-7169 or e-mail to K5WX@QCWA.net if you have questions.

NØUJR and His Friends

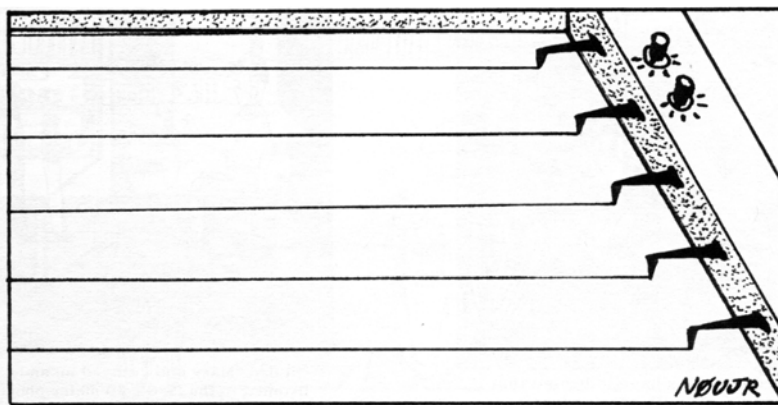
By Greg Trook, NØUJR



Brainwave pattern of a normal human.



Brainwave pattern of a ham.



Brainwave pattern of a ham after Field Day.



I told him, "As long as all your radio stuff fits in the back room..."

ARO/AARC Meeting Info.

Austin Repeater Organization

August 3 - To be announced, watch the website for the latest details

Austin Amateur Radio Club

August 10 – Field Trip to Decker Power Plant-Those who registered should arrive no later than 6:30pm.

Upcoming Amateur Exams

ARRL VEC- Aug 7 ** (At Summerfest)& Sept. 11 9a.m. at Murchison Middle School on North Hills Drive Contact Joe Makeever, W5HS (345-0800) or Joe Thiel, N5SMN (832-0450) for information. \$12 examination fee.

W5YI VEC- August 21 & Sept. 18 2p.m. in room 109, Fleck Hall, St. Edwards University. Contact Jim Greenwood, AB5EK@arrl.net, (327-6184) <http://texasparadise.com/w5yi-austin> for more information. \$12 examination fee.

Missed an Issue???

Text (only) version of the current issue can be found on the Web at <http://www.austinhams.org>

Join the Austin hams Yahoo Discussion Group, go to <http://groups.yahoo.com/group/austinhams/> We are now up to 35 members! It's free!

Calendar of Events

Aug 6-7 Austin Summerfest Texas State Convention Red Lion Hotel Austin ARC, Austin Repeater Org., & Texas VHF-FM Society Joe W5HS@arrl.net 512-345-0800 www.austinsummerfest.org/

Aug 10 AARC Field Trip to Decker Power Plant 6PM Attendees will need pre-reg by Jul 27. Contact Rick KD5ABM@arrl.net

Sep 11 HLARC's annual swap meet at the Pavilion in Marble Falls Tables \$5.00 each- contact Chuck KB5YKJ@281.com 830-693-0513

Sep 17-18 Tailgate Swapfest/Cookout Lake Murvaul, TX Betty W5PUP@texramp.net 903-685-2365 www.k5cxo.net/swapfest.htm

Sep 25-26 Texas State QSO Party <http://www.txqp.org>

Aug.	Sept.	Austin Meetings/Happenings	
2	7	ARO Meeting, Marimont Cafeteria	7:00p.m.
14	11	Austin QRP, Alvin's Sandwich Shop*	11:00 a.m.
9	14	AARC Meeting, ARL Auditorium	7:00 p.m.
17	21	ATV Club Meeting, Marimont	7:00 p.m.
21	18	QCWA Meeting TBA	11:30a.m.
23	27	Travis Co. REACT Denny's on Burnet	7:00 p.m.
No	28	Travis County A.R.E.S., Marimont	7:00 p.m.

*New meeting location and time, Alvin's Sandwich Shop 12200 Research.

Visitors are welcome whether they are licensed hams or not. Other meetings or activities are listed under the headings for Calendar and for Periodic Events.

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