

The Oscillator

Published BI-Monthly by the Tri-Town Radio Amateur Club, Inc. PO Box 1296, Homewood, IL 60430
Volume 51 Number 5 September 2005 Club Call W9VT

Up Coming Programs

September 16th- Keith Gill and the U-505

October open (A little please! See Club Officer to Help!)

November- White Elephant Fest and Nominations

December- Christmas Party/Elections

Election Chairman and Committee Needed- No experience necessary. If you are on the committee it means that you can't be nominated for an office. Contact a board member/officer if you are interested in the position.

Candidates Needed! For the office of President, Vice-President, Secretary, Treasurer and Board Member-non officer needed.

From the President's Desk.....

Trish N9WDG

The lawn is brown and the summer has been hot. And it has been no fun for Laura either with this heat. With only four months to go until elections, things are winding down for the club also. I do want to take this opportunity to thank the members for their support of the club and its activities. Tri-Town is not Tri-Town without its membership. Election time is fast approaching and I want to take this opportunity to thank Rich KB9IPS for his term as board member and a job well done. Our world has changed in the past few weeks in the wake of Hurricane Katrina. Please remember all those who have lost so much and donate if you can to the Red Cross.

From The Chairman of the Board!

Brian, WD9HSY

Hi All! It's been a busy summer, where has it all the time gone? Things are looking up and great for the Club! The New Web Site is flying and getting great reviews! And No, I'm not the Website Editor! This is becoming kind of fun because I'm one of the contributors, but all the others are staying in the background. Why? Why not! Send all of your news to the webmaster at: webmaster@w9vt.org A New Commercial Grade Repeater Antenna has been bought by the Club for the 2Mtr Repeater. This is a Commercial Grade, not the Ham Grade Cushcraft 4-pole we have had for the last few years.... This is the Good stuff! It is a Telewave 150D-D3-D69 VHF 4 pole, which retails for \$900+ but the Club pick this up Brand New in the Box for under \$300 (Praise the EBAY Gods!) Check out the PDF at: <http://www.telewave.com/pricelist/antdipoledat.html> and click on the 150D-D3-D69. Stay tuned for the repeater updates and upgrades! As the fall approaches so do the Club Elections. Who will it be? What about you? Any member with 2 yr. of membership can step up to the plate! This is your chance! Don't know what to do? We can help, speak to any officer.

Officers, Board Members, & Committee Heads for 2005:

| | | | | |
|-------------------|--------|--|--------------|---------------------------|
| Trish Jaggard, | N9WDG | President | 708.957.1973 | rjaggard@netzero.net |
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| | | Repeater Trustee, & Oscillator Editor | | |

Members of the Tri-Town Radio Club Inc. publish the Oscillator 6 times a year. Opinions expressed are not necessarily those of the Officers or members of the Tri-Town RAC, but of the contributors. All articles may be reprinted as long as full credit is given. Other publications are asked to reciprocate their newsletter. Some Articles printed here are from AMSAT, ARRL Letter, TAPR, World Radio, and Other Amateur Radio Publications. Illustrations by **Libby Bedoe, KB9WOV**.

Club Meetings & Nets

Club meetings are the **3rd Friday** of each month at the **Village of Hazel Crest Village Hall**, 170th and Holmes. All are welcome and refreshments will serve. Don't forget to bring a Friend.

2 Mtr FM 49'ers Net - Wed, 8:00 PM Local, 146.490.

40 Mtr SSB Net - Saturdays, 8:30 am Local, 7.2625.

10 Mtr SSB Net - Thursdays, 8:00 PM Local, 28.490.

Cracker Barrel Net - Monday-Friday 3:00 PM Local 146.49

2 Mtr FM Weather Net - Sundays, 8:00 PM local, on **The Club's Repeater** 146.805 -600kc 107.2 PL

Visit Tri-Town's Web Page!

Be sure to checkout: **www.w9vt.org**. This is Tri-Town's page and it will lead you to a lot of interesting and useful web sites. There you find information about the Club, Bunker News, Nets and the ability to send E-mail to the Club officers.

The W1AW Operating Schedule may be found on the web at, <http://www.arrl.org/w1aw.html>

Up-Coming Hamfests

| | | |
|----------------|-------------------|-----------------------|
| 16-17 Sep 2005 | W9DXCC Convention | Elk Grove Village, IL |
| 16-18 Sep 2005 | Peoria Superfest | Peoria, IL |
| 17-18 Sep 2005 | Radio Expo | Grayslake, IL |

Rich, N9DKO retires from Du-Comm!

Any Tri-Town's that's been around for more than a year or two has us heard talk about Rich, N9DKO. Rich has been a long, long time Club member and held just about every Club office there was back in the 80's. He got a number of others and me actively involved in the day to day running of the Club (don't blame him for me). He and his wife Donna, N9DKN relocated to Wheaton in the late 80's as his job with Du-COMM (Du-COMM is DuPage Co.'s a Multiple town Dispatch Center for PD and FD). Rich sent me this today as Du-COMM had a surprise retirement party for Rich... surprise party, not surprise retirement! Good Luck Rich! – Brian, WD9HSY

Most of you know by now that I have retired. Today, Friday, August 12, 2005 is my last day and it is a day of mixed emotions for me. When I walk out of the building later today it will be with a sense of pride and accomplishment mixed with a little melancholy. For while I am eagerly looking forward to starting the next chapter of my life I will be leaving behind some great friends.

I've spent nearly all of my entire adult life, 34 years, working in public safety as an auxiliary police officer, correctional officer, dispatcher, supervisor and administrator. For the past 27 years I have been honored to be associated with DU-COMM (DuPage Public Safety Communications), a regional, consolidated 9-1-1 center in west suburban Chicago, Illinois. I started at DU-COMM in 1978 as a dispatcher (we call them telecommunicators today), was promoted to Operations Manager in 1979 and then to Deputy Director in 1986.

On Monday, August, 8 2005, I was humbled and honored with a surprise retirement party attended by dozens of friends...co-workers, police and fire officials, mayors and other 9-1-1 center administrators and associates. They are the people to whom I looked for guidance and support during my career and to whom I will be eternally grateful. Any success I have enjoyed has been largely a result of their tutelage and mentoring.

UPDATE, UPDATE!! Rich and Donna are running around in the Motor Home! Check out the pics and the blow by blow descriptions at: <http://www.geocities.com/rk911/>



ARRL PRES URGES ORDERLY RESPONSE TO KATRINA

ARRL President Jim Haynie, W5JBP, this week called on the Amateur Radio community to exercise patience as the Hurricane Katrina and New Orleans flooding relief and recovery efforts move into high gear.

The ARRL now is seeking experienced Amateur Radio emergency volunteers to help supplement communication for American Red Cross feeding and sheltering operations in Mississippi, Alabama and the Florida Panhandle. Special consideration will be given to operators who have successfully completed the ARRL Amateur Radio Emergency Communications course training (Level I minimum) to serve as team leaders. All interested should e-mail <Katrina@arrl.org>, providing name, call sign, contact information and any equipment you can take along on a field deployment for an indefinite period. Volunteers may face hardship conditions without the usual amenities and will need to provide their own transportation to the marshaling area.

Haynie says safety is of paramount importance to all ARES volunteers. "For now, the area is simply too dangerous, and no one is being allowed in," he pointed out. "Transportation and logistics, including volunteer groups coming in, must be done in an orderly manner or we may only add to the chaos and confusion." He requested that ARES members and teams work through their Section Emergency Coordinators (SECs).

President Haynie's remarks are on the ARRL Web site <<http://www.arrl.org/news/stories/2005/09/01/1/>>.

Amateur Radio operators from Texas were deployed this week to New Orleans to assist in the trouble-plagued evacuation of flooding refugees from the Louisiana Superdome. Because of additional flooding, damage to the facility and other problems at the Superdome, authorities convoyed the 25,000 flood evacuees in the sports stadium to the Houston Astrodome and other locations in Texas.

Louisiana Section Emergency Coordinator Gary Stratton, K5GLS, says ham radio communication between Houston and the Baton Rouge, Louisiana, emergency operations center (EOC) September 1 was able to clarify some logistical issues involved with the refugee relocation effort.

While Amateur Radio is providing support in Louisiana for various relief organizations, Stratton said most ham radio efforts to date have gone toward assisting with emergency management and search-and-rescue operations. Stratton says he has ARES members ready to roll once authorities reopen the hardest-hit parishes that have been closed off to outsiders.

"We have people on standby from all over northern Louisiana and from the South Texas Section basically champing at the bit trying to find out when they can go," Stratton told ARRL. "It's a very tough wait." Volunteers have been or will be deployed into areas that are not cordoned off, he said.

Mississippi Section Manager Malcolm Keown, W5XX, says ARES members are active in the three hardest-hit counties--Harrison, Hancock and Jackson. Amateurs there have been using HF, VHF and UHF resources to support emergency management as well as the Red Cross, The Salvation Army and the Baptist Men's Kitchen. They've also been handling considerable health-and-welfare traffic, Keown said.

The West Gulf ARES Emergency Net remains active on 7.285 MHz days and 3.873 MHz nights, handling emergency and priority traffic only. Health-and-welfare traffic is being handled on 7.290 MHz days and 3.935 MHz nights. The Salvation Army Team Emergency Radio Network (SATERN) on 14.265 MHz has begun concentrating on emergency and priority traffic and shuttling health-and-welfare requests to its Web site <<http://www.saturn.org>>. The Salvation Army also is using Amateur Radio for its tactical communications. Radio amateurs not involved in emergency communication are being asked to keep the West Gulf Emergency Net and SATERN frequencies clear, plus or minus 5 kHz. ARRL advises that stations not initiate any additional traffic into the storm-affected areas at this time.

FED GRANT TO "HAM AID" WILL SUPPORT KATRINA RESPONSE

The Corporation for National and Community Service (CNCS) <<http://www.nationalservice.org/>> will provide a \$100,000 grant supplement to ARRL to support Amateur Radio's emergency communication operators in states affected by Hurricane Katrina. The grant will help to fund "Ham Aid," a new League program to support Amateur Radio volunteers deployed in the field in disaster-stricken areas. ARRL Chief Development Officer Mary Hobart, K1MMH, expressed gratitude to CNCS for its generous response. Ham Aid, she said, offers a unique opportunity to support individual radio amateurs helping to bridge the communication gap Hurricane Katrina has caused.

"For the first time in ARRL history, we will be able to reimburse some of the expenses that hams incur in response to a disaster," she said. "We only wish that we could justify an expense reimbursement program like this every time Amateur Radio Emergency Service volunteers are called upon to help in a disaster or emergency, sometimes placing themselves in harm's way."

Hobart said it's only due to the scope of the unprecedented and tragic Katrina disaster that CNCS agreed to help support dedicated Amateur Radio volunteers. "But," she added, "we'd like to think of this grant as a token of appreciation and a recognition of Amateur Radio's value in past emergencies and disasters, such as 9/11."

Hobart says ARRL's Ham Aid program already has received some substantial private donations. Those and the CNCS grant, she said, provide a way for the League to "support our Field Organization as never before.

" SOLAR UPDATE

Solar swami Tad "Shooting Star" Cook, K7RA, Seattle, Washington, reports: Geomagnetic activity was down quite a bit from last week, but solar wind and a south-pointing Interplanetary Magnetic Field late Wednesday left Earth vulnerable. Mid-latitude K-index reached 4, and the planetary K index rose to 6. The IMF is from our sun, and the point where it contacts Earth's magnetic field is called the magnetopause. Earth's magnetic field protects us from solar wind, and the Earth's magnetic field at the magnetosphere usually points north. When the IMF points south, however, it is opposite Earth's magnetic field, and the two link up. This carries energy from the sun directly into the earth, and this can cause aurora and geomagnetic instability. This is generally bad for high-frequency radio propagation.

The IMF was continuing to point south as of the evening of September 1, and this could leave Earth vulnerable to a coronal mass ejection (CME) erupting on the sun on Wednesday, August 31 at 2230 UTC. The wind from this event is traveling at about 3.36 million miles per hour, or 1500 km per second. The predicted planetary A index for Friday through Monday, September 2-5 is 30, 25, 10 and 10. Sunspot numbers and solar flux should rise slowly over the next week.

Sunspot numbers for August 25 through 31 were 76, 57, 91, 99, 88, 68 and 48, with a mean of 75.3. The 10.7 cm flux was 92.4, 93.2, 92.1, 89.8, 89.2, 86, and 84, with a mean of 89.5. Estimated planetary A indices were 24, 11, 7, 7, 9, 4 and 36, with a mean of 14. Estimated mid-latitude A indices were 18, 5, 4, 5, 5, 3 and 17, with a mean of 8.1.

BPL AT HQ: ARRL IN BPL SYSTEM EXPERIMENT W/ MOTOROLA

BPL has come to ARRL Headquarters, and preliminary indications are that the newly installed Motorola Powerline LV system will prove Amateur Radio-friendly. Motorola approached ARRL last fall seeking input on a BPL design that could avoid many or most of the interference problems that have plagued some other BPL systems. This past May, Motorola introduced its Powerline LV wireless-to-low voltage BPL solution at the United Telecom Council's "Telecom 2005." The ARRL said at the time that it was "encouraged" by Motorola's approach but reserved judgment until it had the chance to see a system up close. A Motorola Powerline LV system was put into operation at Maxim Memorial Station W1AW in late August.

"Theory is great, but the final proof is in how things work out in practice," says ARRL Laboratory Manager Ed Hare, W1RFI, who's been working with Motorola Principal Staff Engineer Dick Illman, AH6EZ.

Motorola says its Powerline LV system, which unites its Canopy wireless broadband Internet platform with enhanced ham band-notching HomePlug technology, drastically reduces the potential for widespread BPL interference. Illman says it does this by restricting the application of high-frequency RF to low-voltage (220 V ac) power lines instead of to medium-voltage wires that line many residential streets.

In addition, Motorola took the HomePlug modem concept to the next step by adding tunable hardware filters to deepen the notches and improve the immunity of the system to nearby ham transmitters.

At ARRL, a Motorola Canopy wireless link was set up between ARRL Headquarters and W1AW across the parking lot. The system's connected into the League's local area network on the Headquarters side and into a 220 V ac power drop on the W1AW end. Hare and Illman then spent several days checking whether the system affected reception on the Amateur Radio bands at W1AW.

"Although more testing needs to be done over the coming weeks, the initial results for Amateur Radio were positive," Hare said. "While it would be hard to envision a BPL system closer to more antennas and receivers, we found only a few dB of BPL noise on one ham band using the highest-gain antenna at W1AW aimed right at the W1AW building."

Hare and Illman also looked into the Powerline LV system's immunity to the interference from nearby transmitters. As they were testing the system, Hare recounts, W1AW fired up its bulletin transmissions, putting out with more than 1000 W simultaneously on seven bands.

"I could hardly imagine a more difficult environment, with part of the BPL-system wiring 30 feet from W1AW's antennas," Hare remarked, "but the system continued as if the station wasn't even on the air."

Hare says that based on what he's seen so far, Amateur Radio operators should be able to operate fixed and mobile in close proximity to a Motorola Powerline LV installation. The Powerline LV system will remain at ARRL while Hare continues to test the system.

SATERN VOLUNTEERS HAVE ROLES IN ROOFTOP, ATTIC RESCUES

Amateur Radio was instrumental in saving several stranded flood victims this week in Louisiana and Mississippi. At least one of the incidents received national media attention. On August 29, a call for help involving a combination of cell telephone calls and Amateur Radio led to the rescue of 15 people stranded by floodwaters on the roof of a house in New Orleans. Unable to get through an overloaded 911 system, one of those stranded called a relative in Baton Rouge. That person called another relative, Sybil Hayes in Broken Arrow, Oklahoma, whose 81-year-old aunt Helen Elzy was among those clinging to the roof along with other family members.

Hayes called the American Red Cross chapter, which contacted the Tulsa Repeater Organization. Using the Red Cross chapter's well-equipped amateur station, TRO member Ben Joplin, WB5VST, was able to relay a request for help on Salvation Army Team Emergency Radio Network (SATERN) net on 14.265 MHz via Russ Fillinger, W7LXR, in Oregon, and Rick Cain, W7KB, in Utah back to Louisiana, where the ARES net contacted emergency personnel who rescued the 15 people and got them to a Red Cross shelter.

"When all else fails, Amateur Radio works is more than a catchy tag line," says TRO's Mark Conklin, N7XYO. "It's a lifeline." National Public Radio interviewed Joplin about the experience for its "All Things Considered" program on August 30. Fillinger and Cain got attention from regional media for their role in the rooftop rescue.

Cain passed along a similar piece of traffic a day earlier after he got a message that a police officer was stuck in the attic of his house. Cain relayed the information to others on the SATERN net, but he still doesn't know how the police officer's message reached him or if the man was rescued.

SATERN National Net Director Jim Adams, WA0SLB, reports he got a call on the net August 29 from Bill Simpson, KE4WRH, seeking help in locating two elderly men trapped in their attic in Gulfport, Mississippi, with the water rising. The stranded men called Simpson because they remembered that he was a radio amateur.

"After receiving the traffic, I tried to get a station on frequency who could deliver the message to authorities, but no stations were on," Adams recounted. He called Quentin Nelson, WA4BZY, in Georgia, who's SATERN's national health-and-welfare director, and Nelson was able to contact Salvation Army Capt John Robbins, who, in turn, got in touch with Mississippi State Patrol. Authorities were able to rescue the two men.

Adams says the net handled at least two other messages relating to individuals trapped in attics with the water rising.

Fillinger, a SATERN net controller, also was part of the mix August 29 when the net got word of a family of five trapped in an attic in Diamond Head, Louisiana. The family used a cell phone to call out, but it's not known whom they contacted initially. Bob Rathbone, AG4ZG, in Tampa, says he checked the address on a map and determined it was in an area struck by a storm surge.

Acting on a sudden inspiration, he called the US Coast Guard search-and-rescue station in Clearwater, explained the situation and relayed the information. Rathbone said he was rewarded an hour later by a call from the South Haven Sheriff's Department in Louisiana, which informed him a rescue operation was under way.

"Another search-and-rescue operation I ran with involved three people stuck on a roof, and one was a child," he said. The person was able to send a text message from a cell phone to a family member in Michigan. Once again, the US Coast Guard handled the call.

"Ham radio works when all else doesn't," he concluded.

ARRL E-MAIL SERVICE ADDS SPAM FILTERING, VIRUS SCANNING

The popular and free ARRL E-Mail Forwarding Service has gotten even better. In response to users' requests, the ARRL E-mail Forwarding Service has added spam filtering and virus scanning on messages sent to <call sign>@arrl.net addresses for forwarding to League members' established e-mail accounts. Best of all, the service will continue to be available to ARRL members at no additional cost. The changes went into effect September 1.

"Unfortunately, no single spam or virus filter is guaranteed to catch 100 percent of undesirable e-mail traffic," cautions ARRL Chief Financial Officer Barry Shelley, N1VXY. "Everyone should always protect their own personal computer with appropriate security software, but these new features should help reduce the amount of spam and viruses our members taking advantage of this service have to deal with."

The ARRL E-Mail Forwarding Service provides members with a uniform e-mail address that remains the same even if they switch e-mail service providers. A switch in vendors has made it possible for ARRL to include these important new features. Shelley says the addition of the new features should help to reduce the amount of spam that arrives via ARRL E-Mail Forwarding Service addresses as well as provide members an additional layer of protection from malicious, virus-laden messages.

More than 65,000 ARRL members and clubs use the ARRL E-Mail Forwarding Service. Members can learn more or sign up for this service by visiting the ARRL E-Mail Forwarding Service Web page <<http://www.arrl.org/members-only/emailfwd.html>>.

LIFE ABOARD ISS "VERY COMFORTABLE,"

NASA ISS Science Officer John Phillips, KE5DRY, told members of the Sapporo Junior Amateur Radio Club in Japan that he's enjoying his stay aboard the International Space Station. The direct 2-meter contact August 22 between 8J8X in Japan and NA1SS in space was arranged by the Amateur Radio on the International Space Station (ARISS) program. Responding to one youngster's question, Phillips said he finds it "very comfortable" to be aboard the ISS, and that it's "fun to float around." He also shared his thoughts about the importance of space exploration.

"For me, the importance of spaceflight is we are pushing the frontiers of humanity every outward, discovering new things" Phillips said. The US astronaut and Expedition 11 crew commander Sergei Krikalev, U5MIR, will remain aboard the ISS until October.

One student wanted to know if Phillips had experienced any difference in his blood pressure during his duty tour aboard the ISS. Phillips said he hasn't noticed any big change. "I think that maybe my blood pressure may be just a little bit higher because the fluids in my body are distributed differently on the earth," he said. "But the difference is very small." In fact, he allowed, his blood pressure was probably about normal.

Another ham club member asked Phillips what he thinks about when he's looking at Earth from the ISS. "I think that it's very beautiful," Phillips replied, "and that all peoples of Earth share a responsibility for safeguarding our planet and working together to keep the earth beautiful for many generations to come."

ARISS <<http://www.rac.ca/ariss>> is an international educational outreach with ARRL, AMSAT and NASA.

The Passing of a Radio Tradition

by Jerry Dagenais, K9PMV

The FCC proposes to eliminate the Morse Code requirement for amateur radio licenses. OK, so another nail has been placed in the coffin of Morse Code. In this age of rapidly advancing technology, I suppose this process is part of evolution. One can only accept the inevitable. Who today, would use a slide rule instead of a calculator for math? But, back in October of 1958, the code, along with vacuum tubes, was part of my rite of passage into Ham Radio. \par \tab You old timers know the routine. You had a one year, non renewable novice license, where life in the code subbands was standard procedure. You had one year to dream of getting to work voice by mastering the basics of communications that had existed since before the beginning of radio. Then, to stay on the air with the upgrade to the general class license, you had to be able to copy the code at 13 wpm and know the necessary electronics theory . Somehow most of us accomplished that.

Now we are in the age of echolink. With an Internet linked computer, you dont even need a radio to get on the air. However, when the leaves start to fall and the weather gets cool and gloomy, I get the urge to relive those early days.

I enjoyed those days of Morse Code at a leisure pace of 8 to10 wpm.... days of working one or two crystal controlled frequencies on the 80 meter band....days of writing the copy in block letters on paper.... days of enjoying the magic of radio. Look for me on 3710 KHz in the evenings. Well have a nice chat on code. I guarantee we won't have a lot of interference.

COMMENT DEADLINES SET IN FCC "MORSE CODE" PROCEEDING

The deadline to submit comments on the FCC Notice of Proposed Rule Making and Order (NPRM&O) in WT Docket 05-235, released July 19, is October 31. Reply comments are due November 14. The NPRM&O, which proposes to do away with the 5 WPM Morse code requirement for all license classes, turned away several other petition requests, including proposals to create a new entry-level license class.

Comment deadlines are established by the NPRM&O's publication in the Federal Register, which occurred August 31. To file on-line comments on the FCC NPRM&O in WT Docket 05-235 or to view others' comments in the proceeding, visit the FCC Electronic Comment Filing System (ECFS) <<http://www.fcc.gov/cgb/ecfs/>> and follow the instructions for filing comments. Interested parties also may submit comments via the Federal eRulemaking Portal <[http:// www.regulations.gov](http://www.regulations.gov)>.

An FCC Report and Order in this proceeding is not likely until late 2005 or early 2006.

ARRL IN BRIEF:

Amateur Radio Emergency Communications Course registration: Registration for the remainder of the ARRL Amateur Radio Emergency Communications Level I on-line course (EC-001) opens Monday, September 5, at 1201 AM EDT and will remain open until all available seats have been filled. Class begins Friday, September 23 and October 14. Thanks to the United Technologies Corporation (UTC), the \$45 registration fee paid upon enrollment will be reimbursed to students who complete the course requirements and are upgraded by their mentor to "Passed" within the 8-week course period. During this registration period, seats are being offered to ARRL members on a first-come, first-served basis. Mail in registrations may not qualify for reimbursement. To learn more, visit the ARRL Certification and Continuing Education (CCE) Web page <<http://www.arrl.org/cce/>>. For more information, contact On-line Course Coordinator Jean Wolfgang <cce@arrl.org>; 860-594-0219.

Tri-Town Radio Amateur Club Membership Application

Name _____ Call _____

Address _____ License Class _____ ARRL Member Y / N

City, State _____ Zip _____ Phone _____

Email Address: _____

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____ Regular Membership \$ 20.00
____ SWL Membership \$ 20.00
____ Extra Family Membership \$ 6.00
____ Bunker Buddie \$ 5.00

____ Auto Patch w/1 Speed Slot \$ 25.00
____ Extra Speed Slots \$ 5.00

\$ _____ Total Paid by Club Member

For Example: Regular Member, with A/P and Bunker Buddy (20+25+5) = \$ 50.00

Tri-Town Radio Amateur Club Inc.
PO Box 1296
Homewood, IL 60430-0296

September 2005

First Class Mail



Visit Tri-Town's Web Page!

WWW.W9VT.ORG