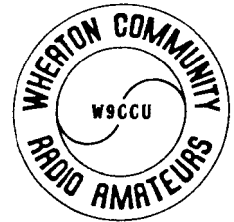




HAMLETTER



Published Monthly

Wheaton Community Radio Amateurs

Issue 452

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Feb 2001

MID-WINTER HAMFEST JANUARY 28TH, 2001

Sell

Tickets

It's Winter Hamfest time again – the WCRA's most important fundraising event of the year – and a great opportunity to pick up some stuff for the shack.

On behalf of the Hamfest Committee, we'd like to ask any members who can to please volunteer to help with the Hamfest. You may call or e-mail either of the workers' co-captains: Janie Gallina at 630-530-4812, e-mail at jae9jg@arrl.net OR Robert Noles at 630-372-7036, e-mail at n9xs@arrl.net. We will need door guards, ticket checkers, assistance for vendors who need guidance loading in and getting out. We will also need people for cleanup afterward. The more people we get, the shorter the shifts can be, so please help out.

The Hamfest is the major source of funding the Club's many activities and as such, is very important to the Club's ongoing efforts for its members and for the community.

For everyone who volunteers, we will be entering your name in a drawing for a dual band HT, that was received by the Club as a result of the Frequency movie promotion as awarded to the WCRA by the ARRL.

If you are volunteering for the Hamfest, please dress warmly and wear comfortable shoes to be prepared for exposure to cold weather and a long day on your feet. Please also wear whatever Club identifying gear you have, including caps, badges, etc.

We will be sending out an assignment sheet and map of the Hawthorne Race Track facility to all of the volunteers in the week before the Hamfest.

Thank you on behalf of the Hamfest Community for your efforts. If you are not able to help with your volunteer efforts, please consider helping out by selling tickets and buy a bunch for yourself. Each advanced ticket comes with four stubs for the drawing for an HF rig or \$1,000 cash. With the cash prize, the tickets should have wide appeal, so be creative, sell sell sell!

NOW!



From the President's Gavel

by Joe LeFebvre WCRA President



If all goes well you will be reading this a few days prior to our 2001 HamFest. It will probably very cold and/or be snowing and Super Bowl fever will be everywhere. I should have my shopping list completed and my batteries charged ready for work starting Saturday late afternoon. Do you know what you will be shopping for? More importantly do you have your work assignment?? No? It may be too late to sell tickets, but it is never too late to volunteer to help. This HamFest is our one and only chance to earn money for our club to pay for the services we have all become accustomed to. I am sure Janie or Robert can still use some last minute help.

On a totally different subject we have received our first request for public service assistance. Trails Days will be held on Sunday, June 3rd 2001 so mark your calendars. We will be doing our usual two parades, one in Wheaton and the other in Glendale Heights as well as the MS Walk-a-Thon and the Special Olympics. I understand the Special Olympics will be moving to a new venue this year so things may be different. I will also be checking with the American Lung Association to see if they will be running a tower climb this year. It would be really nice next year to see some new faces, public service can be fun and it is very rewarding experience.

See you at the HamFest!

Remember if you have not signed up to work a shift at the Hamfest, please call the club 'Batphone' at 630: 545-9950 and leave your name and phone number.

WCRA Staff

Elected Officers

President	Joe LeFebvre	N9WRO	630:587-8059
Vice President	Janie Gallina	AE9JG	630:530-4812
Secretary	Robert Mitiieri	N2EFT	630:510-9783
Treasurer	John Truitt	W9LQL	630:682-0304
Custodian	Kurt Rubin	KB9RTO	630:530-4812

Volunteer Committee Chairs

Club Call Trustee	Tom Geletka	N9CBA	630:545-9950
Christmas Party	Dale Kwart	NJ9E	630:858-8541
Club Awards	John Cheney	N9MWF	708:848-2884
Club Truck	Steve Peterson	N9OA	630:739-2930
Elmer/Know-Code	Vince Greenen	K9VG	630:961-2511
Elmer/Know-Code	George Reichert	KG9CG	630:871-1786
Field Day	Frank Krozel	KG9H	630:653-9090
Field Day	Dale Kwart	NJ9E	630:858-8541
Hamfest	John Cheney	N9MWF	708:848-2885
Health & Welfare	Harry Sheaffer	W9AXI	630:483-2044
Historian	John Lauder	N9LIN	630:968-4101
Interference	Greg Buttimer	N9SA	630:832-4499
Refreshments	Janie Gallina	AE9JG	630:530-4812
Membership	Carol Schroeder	KB9FYL	630:665-3228
Membership Retention	Robert Noles	N9XS	630:372-7036
Public Relations	Eileen Terry-Block	N9TWS	630:393-0742
Public Service	Joe LeFebvre	N9WRO	630:587-8059
VHF/HF Awards	Peter Barr	W9UF	630:971-8581

Amateur License Staff

Training Classes	Jack Feldman	KA9HEL	630:515-0377
Novice Instructor	Rich Weimer	AA9KZ	630:279-5288
Nov/Tech Instructor	Robert Mitiieri	N2EFT	630:510-9783
General Instructor	John Broughton	WB9VGJ	630:690-1473
General Instructor	Pat Byrne	K9JAU	630:858-1959
Extra Instructor	Sang M. Lee	N9ZGS	630:260-0736
Volunteer Exam.	Harry Kamer	K9HK	630:953-0519

WCRA Repeater Administrative Board (RAB)

Trustee/Tech Adv	Tom Geletka	N9CBA	630:545-9950
Chairman	Don Motz, Jr.	N9NYX	630:665-7757
Secretary	Marty Kennedy	KA9RCC	630:653-6698
Member	Gary Henle	N9VLL	630:736-9102
Member	George Henry	KA3HSW	630:830-6659
Tech Advisor	Larry Schroeder	KA9KDC	630:665-3228

WCRA Radio Nets

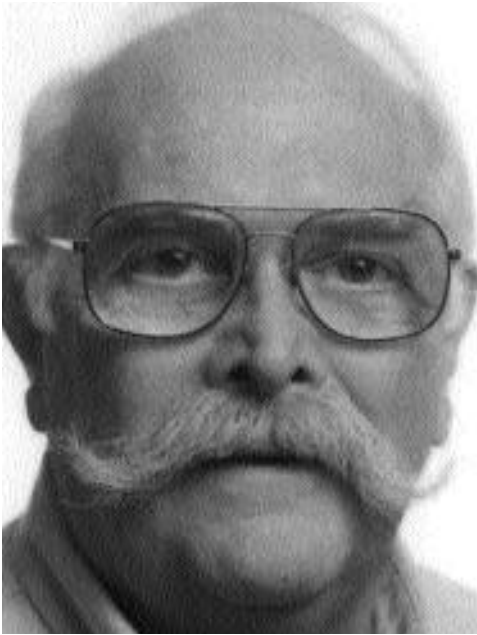
Sunday 8:00 pm	145.390/(-600)	Net Control: Rotates
Sunday 8:30 pm	224.140/(-1.600)	Net Control: Marty KA9RCC
Sunday 9:30 pm	145.390/(-600)	WCRA RTTYNet
Tuesday 8:00 pm	145.390(-600)	ARES Net
Tuesday 8:30 pm	444.475/(5.0)	UHF Net

WCRA Repeaters

145.390/ 144.790	103.5(1A) or 107.2(1B)	PL Encode/Decode
224.140/222.540	Carries Access - SKYWARN	Service Liaison
444.475/449.475	114.8 Hz(2A)	PL Encode/ Decode
145.310/144.710	WCRA, W9CCU-1	Full Duplex Packet Repr

HAMLETTER

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From the WCRA History Files

by: John Lauder,
N9LIN
WCRA
Historian

Remembering Joseph Henry—

Joseph Henry (1797-1878) is perhaps best remembered for his discoveries in electromagnetism. Today the unit of electrical inductance is called the "Henry". Born in Albany, New York, he was educated at the Albany Academy, where he later taught mathematics and physics. At the academy he began experimenting with electromagnetism, improving the electromagnet, which William Sturgeon first discovered.

In 1885, Edward N. Dickerson outlined Henry's scientific achievements upon which the invention of the telegraph was based. Dickerson also claimed Henry actually invented the telegraph in 1831, several years before Samuel F. B. Morse constructed and demonstrated his first prototype of the telegraph. Joseph Henry was important in the history of the telegraph. He was responsible for major discoveries in electromagnetism, most significantly the means of constructing electromagnets that were powerful enough to transform electrical energy into useful mechanical work at a distance. Much of Morse's telegraph design rested upon Henry's discovery of the principles underlying the operation of electromagnets.

Investigation into electrical phenomena began about 1700. The development of battery technology shortly after 1800 opened up the new field of electrodynamics, including electrochemistry and research into electricity in circuits. Henry began his research in 1827. He found that using a large number of turns of an insulated wire tightly wrapped around a horseshoe shaped magnet he was able to produce an even stronger magnet. So by 1832 he had constructed his telegraph prototype on the grounds of Princeton University, by stringing wire between campus buildings.

Morse frequently corresponded with Henry for scientific advice and public endorsements of his telegraph. Henry gave both will-

ingly. But he also made it quite clear that he regarded Morse's machine as the application of scientific principles discovered by him and others. Henry said, "Morse did not make a single original discovery, in electricity, magnetism, or electro-magnetism, applicable to the invention of the telegraph. I have always considered his merit to consist in combining and applying the discoveries of others in the invention of a particular instrument and process for telegraphic purposes".

Now the question is, did Joseph Henry invent the telegraph? The simple answer is, he did not invent the telegraph, but that its invention would have been delayed for many years, if not been impossible without him. Henry was quite clear in public statements that he did not concern himself with reducing his scientific discoveries to practice. Morse of course did organize the various discoveries for commercial purposes and advanced the installation and practice of telegraphy. Joseph Henry was as interesting person who had a fascinating life. The many contributions of his research and dedication are still with us today in many ways and products. He is someone you should get to know better and I recommend reading more about his life story.

Source: The Joseph Henry Papers Project, Smithsonian Institutional History Division.

Remembering Al Gross—

In case you missed the recent death announcement of Al Gross, 82, also known as Phineas Thaddeus Veeblefetzter, grandfather of citizens band radio and other electronic gear, here is someone you should also know about.

Mr. Gross' wizardry in wireless communications earned him many patents foretelling things like cell phones, paging systems, garage-door openers and walkie-talkies. He was born in Toronto and at the age of 12, he scrounged parts from a junkyard to build a ham radio. At the age of 16 he earned his amateur radio license, W8PAL. Next he started work on what he called a "walkie-talkie" because he said, "I wanted to walk around and talk to other hams". By 1938 he had built one that worked.

He pioneered citizens band radio, adopting the name Veeblefetzter as his own CB handle. He was recruited to work on a top-secret mission, to develop the first ground-to-air, battery-operated two-way radio. With compact antennas and ranges up to 30 miles, the radio used, up till then, unexplored high frequencies that enabled the military to conduct surveillance behind enemy lines. The Joint Chiefs of Staff praised the project, code named Joan-Eleanor, as ranking among the Allies' most successful wireless intelligence gathering operations, saving millions of lives by shorting the war.

Mr. Gross developed the circuitry that opened the way to personal pocket paging systems, and patented precursors of the cell phone and the cordless phone. He is also credited with giving Chester Gould, a cartoonist, the idea for Dick Tracy's wristwatch radio, something Mr. Gould observed Mr. Gross tinkering with in

WCRA Meeting Minutes

by: Robert Mitiieri
N2EFT
WCRA
Secretary



WCRA Minutes from the January 5, 2001 Meeting

The meeting was called to order at 7:30 p.m. by the President, **Joe, N9WRO**, and introductions were made by the board and all attendees. A motion was made and accepted to approve the minutes of the November meeting. Vice-President, **Janie, AE9JG**, reported that tonight's program will be on the Hamfest. Future programs will be by AMSAT and the FRRL. Treasurer, **John W9LQL**, and gave a report of the club's financial condition. Custodian, **Kurt, KB9RTO**, reported that he had an offer for the club's tow-behind generator. Kurt will follow up on the offer. Membership, **Carol, KB9FYL**, one new member was voted in at this meeting, **Glenn, KB9YDD**. Health & Welfare, **Roberto, WA9E**, reported that **Norm, K9GSA** had had an operation today at 2:30. No further information was available at this time. Joe, N9WRO, reported that the Christmas Party was a success. Training, **Jack, KA9HEL**, reported that the Tech class doesn't have enrollees for the 1/22 start date and will probably be cancelled. A motion was made and seconded to accept the committee reports. The meeting was adjourned at 19:57, and refreshments were served.

After a long overdue redesign, Kelly, KE9KD has finally managed to get the new DX-Central Website online. You will find some of the same features as the old site with improved functionality, and you will find some new features as well. He still has several enhancements to put in place, it's just a matter of finding a little time. If you have not been to the site in a while, feel free to drop in. The address is: <http://www.dx-central.com>

Rag, LA5HE, has announced that he will once again be active as JW5HE from Svalbard Island in early February. Look for him to be active on the lower bands and the WARC bands. QSL via CBA.

Here's what's happening with contests this month:

ØØØØZ Feb 3 – VERMONT
2359Z Feb 4 QSO PARTY

ØØØØZ Feb 3 – NEW HAMPSHIRE
2359Z Feb 4 QSO PARTY

ØØØØZ Feb 3 – FREEZE YOUR B____
2359Z Feb 4 OFF QRP FIELD DAY
(No I didn't make this one up)

Multipliers are: x4 for Field Day type location, x2 for alternative power, x2 for running less than 1 watt, x temperature multiplier. x2 from 50-64°F, x3 for 40-49°F, x4 for 30-39°F, x5 for 20-29°F, and x6 for below 20°F.

17ØØZ Feb 3 – DELAWARE
Ø1ØØZ Feb 4 QSO PARTY

ØØØØZ Feb 4 – NORTH AMERICAN
Ø4ØØZ Feb 4 SPRINT - SSB

ØØØØZ Feb 10 – CQ/RJ WW RTTY
2359Z Feb 11 WPX CONTEST

12ØØZ Feb 10 – PACC –
12ØØZ Feb 11 Work Netherlands only CW,SSB, or Mixed

14ØØZ Feb 10 – YLRL
Ø2ØØZ Feb 12 YL-OM CONTEST SSB

ØØØØZ Feb 11 – NORTH AMERICAN
Ø4ØØZ Feb 114
SPRINT - CW

That's it for DX news this month. Special thanks to OPDX, The Daily DX, 59(9) Report, QRZ DX, and ARRL for information used.

73 and See you on the bands. - Peter

BIRTHDAYS OF FEBRUARY

Carl	N9QGR	02-02-54	Craig	KB9HCQ	02-14-54
Bruce	K9OZ	02-03-53	Bill	W9GMO	02-18-21
John	K9FID	02-06-46	Richard	K9MGX	02-23-38
Fred	KB9MVU	02-12-55	Peter	WD9ISG	02-25-51
			Ron	K9ZE	02-27-48

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Activities on the HF Bands

by:
Peter Barr
W9UF

As promised last month, here is more information on the "Five Star DXers" D68C DXpedition to the Comoros set for February 8-28th. They state that they will be the "biggest DXpedition of all time". Some 3000kg (3 metric tons) of equipment has been shipped and 28 operators are signed up to participate (some will be there for the whole of the period, some for part of the time). A 20 foot container of equipment was shipped on the "Julius Oldendorff" on November 30th. In the container there are 10 transceivers, 9 linears, 4000 meters of coax, 1600 meters of control cable, 6000 meters of radial wire, 9 yagi antennas, 11 masts, Four-squares for 40m and 80m, verticals for 30m and Top Band, 64+ heavy guy stakes, and 11 lap-top computers. Their activity will be on all bands including the WARC bands and also an entry in the ARRL CW DX Contest (February 17-18th). For more details, check the D68C Web Page which continues to be updated with the latest news. The Web address is: <http://www.dxbands.com/comoros>

Contest enthusiasts will note that the D68C operation covers the weekend of the ARRLDX CW Contest. It isn't always appropriate for DXpeditions to engage in contest activity, as it can reduce the opportunity for "little pistols" to work the DXpedition, while the "big guns" who have already made a contact do so all over again in the contest. However, given the scale of D68C, they believe they'll comfortably accommodate both constituencies. D68C will, therefore, participate in contest aiming for a new African record. Several complete stations will be available at D68C to work the WARC bands and SSB on the other main bands as the contest takes place. CW operation on the six contest bands will be restricted to W/VE contacts for the duration of the contest. QSL via G3SWH

Planning for February's Conway Reef DXpedition is progressing on a "fast track", and the team is expected to operate from here from February 19-28th. Their callsign will be announced on February 18th. They have announced the following suggested modes and frequencies:

CW - 1825, 3505, 7003, 10104, 14020, 18020, 21020, 24896, 28020, 50105

SSB - 1835, 3795, 7075, 14195, 18145, 21295, 24945, 28495, 50125

Digital - 1835, 3575, 7035, 14075, 21075, 28075

SSTV - 3723, 7035, 14230, 21340, 28680 kHz

ADDED NOTE: Receiving frequencies will be 5 to 30 kHz higher than transmitting frequencies. Additional information will be given during operation time. QSL via YT1AD: Hrane Milosevic, 36206 Vitanovac, Yugoslavia.

The operators will operate from Fiji 3D2AD, 3D2AU and possibly other individual allsigns after their operation on Conway between March 1-6th. Visit the Conway 2001 Web Page at:<http://www.kragujevac.co.yu/3d2>. This is under construction and will be updated frequently.

The following is a press release by Bernie, W3UR, editor of "The Daily DX" announcing the DX Syria 2001 DXpedition. Due to the significance of this event, it is printed here in its entirety.

The Cinco Nueve Contest Group (CNCG) and the Willamette Valley DX Club (WVDXC) are sponsoring a DXpedition to Syria. "DX Syria 2001" is a non-profit organization formed for the promotion and organization of this expedition. The Syrian government and local Syrian hams invited an American team of 8 operators for a February 2001 DXpedition at the Syrian Telecommunication Establishment (STE) site in Damascus. The group will leave the US on Feb. 1st and hopes to be on the air Feb. 3rd. The group will be active for 9 days. The STE operating site is the same one used by the 1994 YK0Aexpedition.

The group has been assigned YK9A and plans to be QRV on 6 through 160 meters on CW, SSB and RTTY. Team members will include Ron Vincent, WJ7R; Dick Moen, N7RO; Bob Eshleman, W4DR; Rosalie Eshleman, N4CFL; Carl Luetzelschwab, K9LA; Vicky Luetzelschwab, AE9YL; Jim Wise, W4PRO and team leader Al Rovner, K7AR.

The team will be equipped with four IC-756 PROs, which were graciously loaned by Icom America, and three AL-811H amplifiers. Three stations will be active on the HF bands, with the fourth station monitoring 6 meter beacons and activity. The 6 meter station will become active during band openings.

Antennas will include a Battlecreek Special (40, 80, 160), wire antennas for 160 and 80 meters, a 40 meter beam, two beams for 10-20 meters, a R5 vertical for general use, and a 6 meter Yagi.

Syria ranked # 74 on the 1999 ARRL DXCC Most Wanted list. Syria ranks # 24 in the US on The DX Magazines 1999 Most Wanted list. In the Eastern Time Zone it ranks 35, in the Central Time Zone 20, in the Mountain Time Zone 18 and in the Western Time Zone # 26. In Japan Syria ranks also high on the most wanted list. With this in mind a major emphasis will be put into working stations from the US and Japan. The expedition intends to focus on low band operation especially looking for long path openings to the west coast of North America, and short path openings to the East Coast and Midwest. The group will erect low noise receiving antennas for 160 and 80 meters to aid low band reception.

DX Syria 2001 will have three pilot stations, which will be in contact with the YK9A team. Dick Wolf, N6FF

(n6ff@tco.net) will handle the western half of the US while Bernie McClenny, W3UR (bernie@dailydx.com) will handle the eastern half. Masao Ueki, JH3VNC (m-ueki@po.bcap.co.jp) will be the Japanese pilot station.

The DX Syria 2001 web site can be found at www.qsl.net/k7ar and will include pre-trip news, setup news, propagation conditions, updated daily online logs and suggested operating frequencies. QSLcards will be handled by K9LA, Carl Luetzelschwab, 1227 Pion Road, Fort Wayne, IN 46845.

Sponsors for DX Syria 2001 include the Willamette Valley DX Club, the Cinco Nueve Contest Group, INDEXA, ICOM America, HAL Communications, WriteLog Software, the Central Virginia Contest Club and Mark Perrin, N7MQ. For more information please contact Al Rovner, K7AR at k7ar@arrl.net

The much anticipated operation from North Korea which had been scheduled for late October then early January 2001 did not happen. "The Daily DX" reported The North Korean Organization for Army support refused the use of any transmitting equipment during the Official Opening of the Educational center, which was scheduled to take place on January 7, 2001. This was a great disappointment to the organizers of P5UK and the DX community around the world.

Astronaut Chuck Brady, N4BQW, continues to be active from Bouvet Island with the callsign 3YØC. This callsign was issued some years ago but was never activated according to officials, therefore, it was reissued to Chuck for this operation. Chuck arrived on Bouvet on December 11th aboard the 'MV Polarstern', and is part of a scientific team consisting of 4 Norwegian Scientists and himself. He is the only Ham operator. As of early January, Chuck was active despite generator problems. QSL via WA4FFW, however logs will not be in hand until after Chuck's return to the U.S. sometime in April. Also, watch the following Web pages for updates: <http://www.qsl.net/zr1dq> and <http://www.qsl.net/wd4ngb/3y0.htm>

Look for Wulf, DL1AWI; Mat, DL5XU; Peter, DL3APO; and Peter's wife Birgit, DGØOBN to operate from Rangiroa (OC-066) in the Tuamotu Archipelago group, French Polynesia now through February 10th. After this activity, Wulf and Mat will go to Nuku Hiva, Marquesas (OC-027), and be active from February 11-28th. They will be active on 160-10 meters CW, SSB and some RTTY. Peter states that they will be bringing 2 FT-890's, 1-kW-PA, vertical, wire and TITANEX LP 5 antenna. The callsigns are tentative, but they hope to use Wulf's, FOØAWI, and/or Mat's, FOØXUU, callsign from their 1999 operation. Logs will be available after their activity at the following Web page: <http://www.radioklub.de/cgcg>. QSL the Rangiroa operation via the bureau or direct to DL3APO: Peter Kohde, Wurgwitzer Str. 36, 01187 Dresden, GERMANY. QSL the Marquesas operation via the bureau or direct to DL1AWI: Wolfgang Ziegler, Arno-Schlothauer-Str. 15, 99842 Ruhla, GERMANY

Chris, OE8CIQ reports that from January 1st to December 31st (2001) all amateur radio stations in Austria are allowed to use the special prefix OE75 to celebrate the 75 anniversary of the OEVSV - the Austrian amateur radio club. He (Chris) will be on air as often as possible using the callsign OE75CIQ. There will be several awards that will be issued by the OEVSV. You can find more information his homepage at: <http://www.edu.uni-klu.ac.at/~cirrasch>

DXCC NEWS

DXCC is pleased to announce the addition of a 17 Meter Single Band DXCC award. Applications for this award will be accepted beginning January 2, 2001. The 17 Meter DXCC certificates will be dated but not numbered. 17 meter credits will also count toward the DeSoto Cup competition for the year 2001. If you do not know what credits you have on 17 meters, you may contact DXCC for an update prior to applying. This will help avoid duplicates and additional costs. If you have web access and can handle ADOBE (.pdf) files, contact DXCC at dxcc@arrl.org for a copy of your record. If you do not have web access, please send a note to DXCC along with 1.50 USD for postage or an SASE with 1.50 USD in postage. For further information, please contact DXCC at: dxcc@arrl.org

"QRZ DX" reported that Bob, W4VQ, filed a petition with to the DXCC and DX Advisory Committee requesting a consideration to remove Macao (XX9) from the DXCC List in accordance with DXCC Rule 5. This comes as a result of Portugal's turning Macao over to China on December 20, 1999. However plans are already in the works to prevent the Macao removal situation. The latest report indicates that the national Amateur Radio Society on Macao is applying to Region III for IARU membership status. For this reason, DXCC will continue the grace period for Macao until a firm direction is established - either an ITU resolution of the prefix problem, or the likelihood IARU membership. Theoretically, if the DXCC were to remove Macao and then add it again to the list, everyone would have to work it again. STAY TUNED!

DX POTPOURRI

Don, K6IPV and Dave, W6AQ will operate from the Hillview Gardens Resort club station, 9M6AAC in East Malaysia a few days before the ARRL CW DX Contest this month. Their original plans were to be active from Layang-Layang in the Spratley Islands (9MØ) for the contest on the weekend of 17-18th. However, Don, K6IPV, stated that "Murphy's Law" has struck their operation. He states, "No sooner did we firm up our arrangements and announce our trip to the Spratleys but we find that the island has 'been closed for repairs'! It will reopen on March 1st, too late for us. We're rapidly putting together another potential side trip from Hillview Gardens Resort and 9M6AAC. We still intend to operate from there and may operate the contest from there."

There is plenty of activity from Vietnam lately. Shim, XV3AA, has been active on 15 meters SSB. Check around 21220 and 21270 kHz after 0000z. QSL via JA6UGH. Tom, 3W7CW, has been active on 40/30/20/15 meters CW between 1500 and 1630z. QSL via SP5JTF. Also, look for 3W6LI on 20 and 10 meters SSB. Check 14185 kHz around 2200z and 28448 kHz after 0900z. QSL via IK2DUW. (Continued on page 4)

Wheaton Community Radio Amateurs Membership Application

P.O. Box QSL, Wheaton, Illinois, 60189

D U E S

Full Member **\$26**
Student/Senior Citizen **\$13**
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Club Badge **\$ 7**

Family Memberships Also Available

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 RENEW.....
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 STUDENT SR. CITIZEN

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Name _____ Callsign _____

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City _____ State _____ Zip _____

Telephone: Home (____) _____ Business (____) _____

Your E-mail Address _____ ARRL Member **YES** **N**
(Please Circle One)

Sponsor (new members only) _____

WHAT CLUB EVENTS WILL YOU VOLUNTEER YOUR SERVICES FOR ?
 Please circle those which you might be interested in working or serving as a Committee Member

HAMFEST (January)	FIELD DAY (June)	VE TESTING	JULY 4TH PARADE
PICNIC (July)	CHRISTMAS PARTY	TRAINING	MEMBER RETENTION
ASSISTANCE (Elmer)	TOWER RUN(March)	CLUB TRUCK	BIKE-A-THON

OTHER _____ COMMENTS _____

APPLICANT'S SIGNATURE _____ DATE _____

(continued from page 3) **From the WCRAHistory Files**

his workshop. In his last years he was an inventor and engineer in aerospace, satellite and military electrical and electronic systems.

Al Gross someone you should know more about too.

Source: The San Diego Union-Tribune, 1-6-01, page B9

February Calendar of Events

- 2nd of Feb: Monthly membership meeting at Wheaton College 7:30pm in classroom #8 in Breyer Hall. Breyer Hall is located on the Southeast corner of Irving and Kenilworth.
- 6th of Feb: Club breakfast every Tuesday morning 7-9 AM, Glen Oaks Restaurant, Glen Ellyn
- 8th of Feb: Club brunch every Thursday at 10:30 AM, Carol's Garden, Carol Stream
- 15th of Feb: Club dinner held at the Glen Oaks Restaurant 6:30 PM,, Glen Ellyn
- 15th of Feb: DEADLINE FOR HAMLETTER SUBMISSIONS FOR MARCH

WCRA General Membership Meeting - February 2nd - Wheaton College - 7:30 PM

WCRA was founded in 1948 and continues to be involved in all facets of Amateur Radio supporting the healthy growth of the hobby through diversification and participation. Our members have always been our most important asset and we would like to see you join us for our next meeting. Our business meetings are followed by a break for conversation, coffee, soda pop, and fat pills. This is followed by an amateur radio related program. We would like to see you there to share the enthusiasm.

HAMLETTER

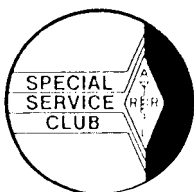
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First Class Mail



73, John, N9LIN