



FEEDBACK



VOLUME 47

NUMBER 12

JANUARY MEETING AWARDS BANQUET

The meeting for the month of January will be held at the Perry Grange Hall, 6300 Richville Drive SW, on **January 18, 2003**, this is our annual Awards Banquet and dinner meeting. The doors will be open at 6:00 PM, the dinner will begin at 6:30 PM. You MUST have a reservation for this meeting. To make reservations, please call Anne Ballinger, N8GAF, our club Treasurer or Linda Finley, K8MOO, Club Secretary at 330-832-8612 for Anne or 330-832-9757 for Linda. Do it now while you are thinking about it! The dinner will consist of two meats, chicken or Swiss steak, potatoes and vegetable, role with butter AND dessert (family style)! The price for all this, plus an evening filled with the best entertainment in the western Stark county(Hi Hi) all for only \$ 8.00 ! So plan for a great night of entertainment for you, XYL , girlfriend, etc.. As in the past we will have the "serious" awards followed by the "not - so - serious" awards. The evening concludes by the introduction and induction of our new Officer's for the year 2003. The new Officer's are:

PRESIDENT	Richard Ross	KA8ZQH
VICE PRESIDENT	Jim Farriss	WA8GXM
SECRETARY	Linda Finley	K8MOO
TREASURER	Anne Ballinger	N8GAF
TRUSTEES	Bob Kiplinger	K8KIP
	Gary Blagg	KC8IHR
	Don Wade	W8DEA

CONGRATULATIONS to our new Officer's and good luck in the year 2003 !



--- SHORT SKIP ---

Wow ! 2003 already !

Time to look into my crystal calibrator and make my annual predictions.

I see for 2003

1. Nancy WZ8C, of the CW club, FISTS fame as the new editor of Worldradio magazine.
2. For DXer's in 2003 a slow decline in sun - spots, but more Russians on from Cyprus.
3. More new exciting "ultimate" rigs from the JA'S and a large gathering of hams in the Dayton area somewhere around the weekend of the 17th of May.
4. Speakin' of "ultimate", let's hope that the "ultra high tech", gold plated banana plug I predicted for last year makes its debut in 2003.
5. Finally, continuation of the publishing of the world class MARC Feedback will continue.

So take it from me, have a happy and safe 2003 !

de WB80WM

Happy New Year

MARC MINUTES December 7, 2002

The December Massillon Amateur Radio Club meeting was held at the Massillon Senior Center with 28 members present.

MARC President Gene W8KXR called the meeting to order at 8:00 P.M.

The Pledge of Allegiance was given and a round of introductions was made..

Gene W8KXR then asked to suspend the reading of the November minutes. They were accepted as stated in the FEEDBACK by Don W8DEF and second by Randy KD8JN.

MARC Treasurer Anne gave the financial report. A motion was made to accept this report by Byron KF8UN and second by Sandra N8TZB.

Gene W8KXR then asked for committee reports. Dan N8DZM gave the Fox hunt report. It has been successful but he needs more participation. The next hunt will be Dec.15th. at 2:00. He would like to keep these hunts the second Sunday of each month.

Perry W8AU gave the results of the Massillon Christmas Parade. MARC was given credit in the newspaper and on television. A thank you was given by Don Harwig, Parade Chairman.

Byron KF8UN gave the DX report. He also gave his contesting results held the same weekend as the parade.

Don W8DEF still has some patches left. He will have them available at the January Banquet. They can be ironed on or you can sew them on.

Vice President Rich KA8ZQH gave the correspondence report. MARC received an Official Seal from the ARRL for being a Special Service Club. He read the letter congratulating MARC for our services in the community.

MARC received a thank-you from Tom KC8UDX. He thanked those involved in teaching the free Amateur Radio Classes. He up graded to General Class at the VE Session held on November 30th. Congratulations Tom!

Jason KC8LIN said the Dover Tusco bus trip to the Dayton Hamfest on May 17,2003 will be \$53.00. Also the Tusco Hamfest will be Sunday January 26 2003, for more information contact Jason.

Perry W8AU said Rick WA8STI would like to establish a radio room in a hanger at the Akron-Canton Airport for MARS communications and displays. They would need volunteers to establish and man it.

OLD BUSINESS

Gary WC8W designed a new QSL card for MARC. He quoted that Quick Print (downtown Massillon) will do your design 1,000 cards for around \$38.00.

Anne N8GAF needs dinner reservations for the January Banquet. It will be January 18,2003 at 6:00 at the Perry Grange.

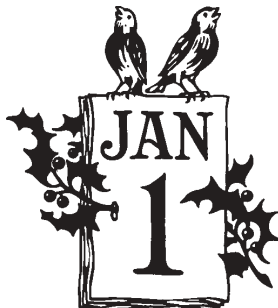
NEW BUSINESS

Elections were held. Congratulations goes to Jim WA8GXM elected the new Vice president. Congratulations also goes to Don W8DEA for being elected Trustee. Treasurer Anne N8GAF and Secretary Linda K8MOO will stay the same.

Congratulations goes to Steve WD8MIJ for winning the subscription for C.Q.

Congratulations goes to Randy KD8JN for winning the 50-50 for \$11.50.

Minutes by Linda K8MOO Secretary MARC



Happy New Year

..... MARC AT MASSILLON HOLIDAY PARADE

On Saturday, November 23rd Santa Claus officially arrived in Massillon via fire truck and the Massillon Amateur Radio Club helped him arrive safe and sound in the 48th annual Massillon Holiday Parade. This is the longest running annual public service event handled by the MARC.

Sponsored in recent years by the Downtown Merchants Association, our responsibilities included parade line-up of the nearly 100 units that make up the parade each year, safety communications, logistical support to parade organizers and coordination of the WHS TV production control by providing last minute line-up changes & additions. Parade safety is always one of our most important responsibilities as we assist the Massillon Police Department with crowd and traffic coordination while the parade is in motion.

With the increased size of the parade this year, organizing the unit line-up continues to be one of most important responsibilities (and most hectic !), as well as providing marshaling duties to help keep the parade moving. As in previous years the club had the honor of showing off our EComm Trailer in the parade, modestly decorated to fit the holiday theme of the parade. It is always heartwarming to see the great response received from the residents of Massillon as make our way along the parade route.

Communications Coordinator Perry Ballinger - W8AU, as well as parade chairman Don Harwig, President of the Downtown Merchants Association want to thank the club for all its dedicated support of this annual holiday tradition. This years volunteers included ... Terry - N8ATZ, Gary - WC8W, Jason - KC8LIN, Dan - N8DZM, Sandra - N8TZB, Linda - K8MOO, Don - W8DEF, Gene - W8KXR & xyl Marylin, Rick - KC8LYG, Jim - WA8GXM, Sam - WA8YGR, Dennis - K1FFA, and Joe - WD8BGW fulfilling his primary role as member of the Massillon Police Department.

Congratulations on another job well done and a great community service !

.... ARES AND THE ANDERSON POWERPOLE CONNECTOR

The Anderson PowerPole Connector is quickly becoming the defacto standard dc power connector for use by ARES groups around the country and the reason is simple. Using this standard, highly reliable connector allows for quick and easy installation and substitution of radio equipment, power supplies, batteries, and other equipment..

Why is this an advantage ? The biggest reason is that it allows us to standardize the power connectors on our

equipment, both HF and VHF. In a time critical situation such as during an ARES drill, public service exercise or a real emergency, amateurs are called upon to quickly setup and establish communications in all sorts of places. This often requires using a portable or mobile radio that must be tied into a 12 volt source. Many times we are asked to supply our own equipment for an event which further complicates the task, different radio manufacturers utilize different power connectors. If your shack is like mine, the removal of one of my radios is a major undertaking, involving separating the supply wire from the mass of wires twisted to the terminals of my power supply. How much simpler it would be if all we had to do was unplug the radio, not having to disturb lots of other wiring. Running an efficient local ARES operation requires us to be able to respond quickly to a given situation, being able to setup our equipment and get down to business.

The Anderson PowerPole connectors can virtually eliminate these types of problems. They have long been used in commercial service for just that reason. Their highly conductive silver-plated copper contacts allow minimal contact resistance at high currents. Self-wiping action on make and break keeps conducting surfaces clean. Contact detents keep connectors mated in high-vibration applications and provide quick-break, snap action upon disconnect. Noncorrosive stainless-steel leaf springs maintain constant contact pressure - ideal for frequent connection/disconnections and intermittent overloading. Durable, high impact-resistant polycarbonate housings that are UL Flame rated are genderless, making assembly quick and easy. All important considerations for ARES work.

Amateurs are being encouraged to utilize these connectors on all their equipment, both for home use and on portable equipment. Price is only about \$1.00 per radio to connect. A great way to use these connectors at home is by a new connector block from West Mountain Radio called the Rigrunner. This multiple outlet box is equipped with powerpole connectors providing the ultimate in convenience and safety for your shack. There are several models to choose from, each with more connection points. More expensive models also have LED's to give you a visual indication of power. All come with standard type ATC/ATO automotive style fuses available in numerous current ratings.

Additional information is available from a number of websites, some of which are shown below. The manufacturer is Anderson Power Products although they are generally available at nearly all hamfests. Reference material is provided on website which is also the source for the Rigrunner. Other information is shown on the website. The club has purchased a box of connectors and some members have already begun installing them on their equipment.

.... THE YAESU VX - 7R HANDHELD

After a fair amount of consideration and shopping plus convincing Lynnette of the need for yet another HT !, hey we own more than one pair of shoes dont we ?.

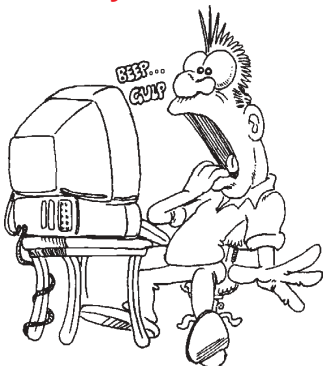
Anyway, I am now the proud owner of a new Yaesu VX-7R Handheld. They are a little pricey but I got a pretty good deal at the famous Ft. Wayne hamfest. The Yeasu VX-7R multi-band Handheld is the newest offering in the Yeasu HT lineup and is developing quite a following among ham operators country wide. Several club members already own one and others are seriously hoping that one will show up in their Christmas stocking. Thanks to eHam.net, there are already numerous interesting product reviews available from current owners that may help you to decide. I have a direct link setup on the clubs website or you can go to <http://www.eham.net/reviews/detail/2350> and check them out for yourself.

.... ANY PERSONAL WEB PAGES OUT THERE ?

Lots of club websites also spotlight club members individual webpages. With the new easy to use software available today and the very cheap and many times free webhosting, its easier than ever to set one up. A lot are centered on their primary hobby of ham radio but plenty also cover a wide variety of topics, other hobbies, family interests, work, car and radio restoration, you name it and it can be covered in webpages. Have any of you started experimenting with one ? How about sharing it with us ? Let me know what it is and Ill share it on the clubs website. OK, I know what youre thinking - do I have one ? Not yet, Im busy enough right now keeping current material on the clubs website and the Stark Co ARES site. But I am planning one for sometime soon. If any of you would like some help with this type of project, let me know. Maybe we could make it a type of virtual project.

73s till next time

Terry - N8ATZ



- - - Tectopics # 10 - - -

End Of Year Report and 'The Rule of Two's'

In case you haven't noticed, this year has rapidly gone QRT, and by the time you read this edition of Tectopics from the Engineering Staff over at the "Big KXR", it will be a new year! And so it is the custom here to review station progress, if any, and plan for next year. Here are a few thoughts to see where we have been, and where we might be going with the QRO philosophy and the continued growing of a 'heavy weight' Real Radio Station.

It has been a great year here at the 'digs.' We've acquired a very classic Broadcast xmtr, the Gates BC-1T. You might recall it was just last February that Missy Marilyn and I sped south to Nashville and beyond in my non-green thirsty 454 powered Suburban to bring the big guy home. So what's status of this half ton project?

Well cleaning is nearly finished and the forty some years of neglect and abuse is coming under control with removal of the 1kw dummy load for rewiring, mounting the plate transformer, HV choke, and related rectifier stacks and capacitors after a thorough cleaning, and in some cases, painting.

The cabinet itself has been washed, painted in spots, then rubbed down with a coat of wax. Missing hardware is being replaced along the way, using mostly stainless stuff, and in some cases, nylon bolts and nuts and isolating pads to improve electrical isolation and minimize transformer hum transfer to the cabinet when the ac load gets serious.

The dual fans in the roof of the cabinet are next in line for cleaning and some wiring replacement. For some reason the wiring was hacked. Noise, perhaps, but the objective is to get back to 'original' as much as reasonable and get it on the air...Engineering is still faced with designing a push to talk control system to start and stop a machine that was designed to run continuously until something failed, or a tube degraded signal quality to the point where it needed replacement.

PTT is possible, but as usual takes a bit of effort in the design lab. . .not so complicated but it takes some time to execute. Remember, the design philosophy here at W8KXR is to do quality work, so this classic can look and operate as good as it should without the typical hack appearance too common under the tables at the 'Fests' that you are all familiar with. I've encouraged you in 'Tectopics' to 'roll your own,' do some research, then take your time when you build...Great fun . . .great personal satisfaction...it takes time...just like doing a 'muscle car' or any other skilled endeavor.

Several of these brutes are regularly on 160 meter. I've also learned there are several BC-1T's still cranking out RF 24/7 in commercial service, some in Pennsylvania, and a couple in up state New York. Talk about durability...40 plus years and still operating. So back to a brief (ya...sure) discussion of the well known "Principal of Two's." If this is not a familiar rule, it is time to get you up to speed. When applied to Ham Radio, and

the design and growing of Real Radio Stations, it simply states that, "If one neat rig, or any other electronic gadget for the shack is good, then two of them is an absolute must."

This fundamental law of nature is known by other names too and include Scrounger's Law, Doctrine of the Dumpster Diver, Creed of the 'Hunter Gather' and some times disparagingly "Obsession of the Junk Collector" to which we all are subject, no matter what pathetically sorry state of denial you claim to be in.

So, from this years progress report to the Chief Engineer over here at W8KXR, we can see that, Yes!! You guessed it! Yet another Broadcast transmitter has been located, negotiated, transported, and moved into the Reclamation Lab just down the hallway from Operations. This beauty satisfies the 'Principal of Two's' quite nicely and is perfect illustration of Mother Nature exerting her will according to the rules for Hunter Gatherers.

Ok, what's the scoop on this machine you ask? Well, here's how it goes. It occurred to the Procurement Department Manager, that the Chief Engineer (your author) used to listen to WBTA as a kid in Batavia, New York. That's where he gave up trying to grow up, and decided it was much more fun not to. Elvis, and others of that noisy ilk, used to heat the atmosphere with all five hundred watts from that little hometown station just 30 miles east of Buffalo up in snow country and only six miles from my QTH. So, of course, it was totally obvious that recon of the old station be executed as soon as possible.

To make an infinitely long 'young buzzard' story manageable, I contacted the station manager through a visit to the studios in Batavia. After due diplomacy, some pomp, a lot of circumstance, and several follow up land lines, it was possible to contact the station owner who lives near the Pa state line. Once I explained my mission, he advised there was a 'spare' transmitter that could be had for the hauling. Hooraaa . . . better than a 1:1 SWR in an ice storm!

About two months after first contact, arrangement were in place and the WBTA station engineer and I met to do the job. The beast was still connected to the 240 VAC mains, and was in theory still operational, although the engineer could not vouch for the last time it was fired up. We unbolted the iron, pulled the tubes, and between the two of us, walked it to the door of the transmitter building. By backing my trusty Suburban close, we 'simply' tipped it gently over on its side, laid it on the tail gate of my truck and shoved it in, a mere 600 lbs. ready to go....

I have to confess, it wasn't exactly 'simply' but, it makes good story telling to say stuff like that. It does weigh 600 pounds without the iron installed, which I loaded separately, along with spare tubes for good measure. Wow! I really get excited when I can haul some real weight in the truck... makes it ride really good... and it gets a whopping 10.5 mpg ... which really irritates the folks who sacrificed real cars for those wimpy little plastic ones. You know, the ones you can't put a mag mount on, and only use a few tea cups of gas per hundred miles. On the Ohio end of the run, I called a local moving company, the same guys who moved the Gates, and in about 20 minutes the "Bauer" was in place next to the Gates, waiting for a rub down and work to begin bringing it back to life. Fantastic . . . another

project, but gosh... it sure will keep the "Rehabilitation Department" busy for weeks to come!

So what is a Bauer Broadcast transmitter any way, and what can you do with it? First it was originally on 1490 AM and as configured it was doing a light weight 500 watts. That's how the station was licensed on 27/Aug/62 when this rig went live. The start up date is penciled on the inside of the front door and is a valuable real piece of original data. Later the station improved it's license, enabling it to do 1KW, with a 750 limit at sun down using a McMartin xmtr. The Bauer became their primary back up, until early this year when WBTA purchased a new 1KW Gates/Harris 'solid state' xmtr (Eeeee... Yuck...!).

This bit of historical sequence made the Bauer obsolete. It was taking up space in the crowded transmitter building, so the timing was perfect. It was a matter of following some instincts and follow through on the mission. Mr. Bauer was headed for scrap whenever the station found time to get it into a truck and haul it to the local dump.

The Bauer was built in San Carlos, Ca, and it appears the company was sold. I've not done research yet, but it's not quite as common as some commercial rigs in this power class, such as the RCA's, Raytheon's, Gates, and Collins. It uses a pair of 4-400(x)'s in the final and is modulated by another pair. It can be configured to run an easy kilowatt with these tubes with plenty of head room.

It's original design does not allow it to simply retune to 160 as does the Gates, with its top end frequency stated as 1600 Kc.. But with a bit of tweaking, it should easily go up into the 160 AM window at 1885Kc. To my surprise, the original manual, complete with authentic coffee stains, plus the original schematics and an up date were still in the transmitter shack, along with a dozen or so tube pulls.

A grid dip meter and some patience should do the trick in moving it to 160M. It weighs 800 pounds fully assembled, runs from single phase 220/240 line voltage, and has full capability for remote control via phone lines. It is physically smaller than the Gates, and is a hundred pounds lighter.

It's condition over all is surprisingly good, but will need a lot of cleaning, inspection and customizing to get in on the air again as a Ham transmitter. It does have a damaged HV meter and missing RF ammeter... but these are minor items... not too bad for forty years of near continuous service from almost half a ton of high class electronics that produces high level audio that is as good as it ever gets.

So, there you have it, a second big project, and a perfect illustration of the "Principal of Two's" Humm... wonder if there is a corollary, that might deal with the Rule of Threrr...no...I won't go there...

Next year the big KXR is hoping for some super projects, including finishing the tower and beam, adding two more wire antennas, more work on the Gates, finishing up an E.F Johnson 1KW Thunderbolt Linear, and a Hallicrafters HT-33B 1KW linear, and oh yes, work on the Bauer . . . Yikes! Clear the bench and grab the back brace!

Seriously, Missy Marilyn and I have had a great year here at W8KXR's HQ. Lots of Big Iron to play with . . . plus some new 'store bought' gear going QRO on 160 SSB with a Command Technologies HF2500 Linear in early November.

The 160 meter tuner that some of you have seen at the club meetings, designed and built for heavy duty service here in the fabrication lab, is a great success and has simplified antenna tuning to the point where SWR is no longer an issue.

Also, the first of two T-368's, is dedicated to 160 M (450 watts of AM and 650 lbs.) and is up and running on a 600 watt dummy load, with final switching and receiver control being finished by the time you read this. Resurrection of a vintage Swan 500 on 40 meter ssb, and recapping a Motorola R-390A and it's companion CV-591 ssb adapter were also completed, along with integrating a near mint Hammarlund SP600 into the station, as well as the rescue of the HT-37 described here a few month's ago in a Tectopics. Other smaller home brew projects were debugged and brought on line, in spite of a lot of unplanned travel during the summer months. It's been a fantastic year!

Oh, and yes we've actually got some air time, including 160 SSB, 40 meter SSB and AM, and 10 meter AM on our 'after dark frequency'. After all, if ya build em' and bring these beauties back to life, ya' gotta talk to 'em or gosh...they won't keep the digs warm on these cold winter nights.

I hope to keep you posted on the further adventures here at the Digs, and report progress as this saga continues in the months ahead. There are so many aspects to our hobby, that in spite of a focus on building, restoration, and the hunt for 'The Big Iron' for W8KXR, please consider that whatever aspect of our unique hobby you choose to peruse, make it fun and don't take yourself, or the hobby, too seriously.

Try to give the next guy a helping hand along the way if you have a chance. He's trying to learn and become a more proficient Ham and just maybe . . . be a little like you. Pass your experiences around to others...that's one of the joyful things we do best as Hams.

Let's communicate . . . and look out for each other. It is a cold and very dangerous world out here, and we as Hams have a very special way to make it a bit more friendly, and just a little less lonely for all.

Best of the Season from the Gang at W8KXR,

De

Gene and Missy Marilyn



ARRL NEWS

Monday, December 16, 2002 11:17 AM

FOR IMMEDIATE RELEASE

Have an interest in CW, RTTY, APRS, Packet Radio, AMTOR, or any other form of digital modes? Then the Digital Symposium at Miami University -Middletown should be in your plans next month.

The Seventeenth Annual Southwest Ohio Digital Symposium will be Saturday, January 11, 2003; 9:00 a.m. - 4:00 p.m. The location is Thesken Hall, on the Middletown Campus, Miami University, Middletown (OH) and the admission and parking are free.

The schedule is full of forum speakers, practical demonstrations and audience participation as all these digital modes are explored.

Sponsored by The Center for Chemistry Education, Miami University-Middletown, DIAL Radio Club, and The Ohio Packet Council and is affiliated with The American Radio Relay League.

Program chairman for the Year-2003 event is Hank Greeb, N8XX, Cincinnati, who can be reached at <n8xx@arrl.net>. For more details and directions see <<http://www.swohdigi.org/>>.

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ARRL Ohio Section

Section Manager: Joseph J. Phillips, K8QOE
k8qoe@arrl.org

ARLP054 Propagation de K7VVV

ZCZC AP54

QST de W1AW

Propagation Forecast Bulletin 54 ARLP054

From Tad Cook, K7VVV

Seattle, WA December 27, 2002

To all radio amateurs

Geomagnetic activity was up quite a bit this week, but solar flux and sunspot numbers were down. The average daily planetary A index, an indicator of geomagnetic activity, was over double last week's average. Average daily sunspot numbers were down by over 20% and average daily solar flux was down by over 10%, a drop of 41.7 and 19.6 points respectively. The most active days were Thursday, December 19 when the planetary A index was 21 and Monday, December 23 when it was 26. The mid-latitude numbers were more moderate, but Alaska's College A index was 39 and 40 on those two days.

Sunspot numbers dropped dramatically in the past few days. On Christmas Day the sunspot number was only 77, the lowest value in

nearly a year and a half, when the sunspot numbers were 59 and 64 at the end of July, 2001. The day after Christmas the sunspot number dropped even lower, to 62.

Brian, W2BRI writes about poor conditions on 80 meters recently. He checks a D-region absorption map (perhaps the one at http://www.sel.noaa.gov/rt_plots/dregion.html) when he notices poor conditions, and it always seems to correlate with an elevated X-ray level. He notices lots of fading and high angle attenuation with close-in stations inaudible but stations further away heard okay.

Over the next few days we should see continued geomagnetic activity. A coronal hole is spewing a solar wind stream that is expected to yield a Friday through Sunday planetary A index of 20, 25 and 20. Solar flux over those same days should drop to around 125, 120 and 115.

Next week's bulletin will have some end of year numbers. It won't be final until next week, but the average daily sunspot number for the calendar year so far is 178.3. This contrasts with 170.3 for 2001, 173 for 2000 and 136.3 for 1999, which is surprising, since the peak of the cycle was expected to be a couple of years ago.

Sunspot numbers for December 19 through 25 were 225, 203, 199, 168, 160, 119, and 77, with a mean of 164.4. 10.7 cm flux was 192.9, 196.6, 183.9, 172, 158.9, 147.3, and 131.9, with a mean of 169.1. Estimated planetary A indices were 21, 16, 18, 12, 26, 18, and 14, with a mean of 17.9.

NNNN
/EX

ARLD052 DX news

ZCZC AE52
QST de W1AW
DX Bulletin 52 ARLD052
>From ARRL Headquarters
Newington CT December 26, 2002
To all radio amateurs

This week's bulletin was made possible with information provided by Tedd, KB8NW, the OPDX Bulletin, 425DXnews, DXNL, The Daily DX, G3NOM and Contest Corral from QST. Thanks to all.

MADAGASCAR, 5R. Ake, 5R8FU has been QRV on 160 meters usually from 0150 to 0210z. QSL via SM5DJZ.

NEPAL, 9N. Hugo, LA5YJ is active as 9N7YJ from Kathmandu until February 2003. He has usually been QRV on 30 meters after 0100z. QSL to home call.

BAHRAIN, A9. Gus, A92ZE has been QRV on 40 meters around 0200z and 80 meters around 1430z. QSL via K4SXT.

BALEARIC ISLAND, EA6. Christian, EA6/DL6KAC is active from Mallorca until January 9. Activity is on 80 to 10 meters using mostly SSB. He is here on holiday, so his activity may be limited. QSL to home call.

REUNION ISLAND, FR. Freddy, FR/F5IRO is QRV from here until February 2003. QSL via F6FNU.

ENGLAND, G. GB2APL is QRV until December 30 from Anvil Point Lighthouse as part of the "Lighthouse Christmas Lights 2002" event. Activity is on 160 to 10 meters using CW, SSB, RTTY and PSK31. QSL via G0PSE.

HUNGARY, HA. Tibor, HG4I is QRV as HG03HNY until January 12 to mark the New Year 2003. Activity is on all bands, including the newer ones, including 2 meters, using CW, SSB, RTTY, BPSK and FM on 10 meters. QSL to home call.

THAILAND, HS. Look for E20AJ to be QRV from December 29 to January 7 during the 20th World Scout Jamboree in Sattahip. Activity will be on 160 to 10 meters, including 2 meters, near the International Scouting Frequencies. QSL via operators' instructions.

JAPAN, JA. Take, JI3DST is QRV as JI3DST/6 from Miyako Island, IOTA AS-079, until January 5. QSL to home call.

MARIANA ISLANDS, KH0. Nozomu, JE8KKX will be active from Saipan, IOTA OC-086, as AH2K/KH0 from December 28 to 30. Activity will be on 40 to 6 meters using RTTY. QSL to home call.

US VIRGIN ISLANDS, KP2. Joe, W8GEX and John, WZ8D will be active as N8Z from St. Croix, IOTA NA-106, from December 30 to January 8. Activity will be on 160 to 6 meters using CW and SSB. QSL via WZ8D.

BANGLADESH, S2. Eric, S2/VA7DZ will work from Dhaka and Sylhet from January 1 to 7. QSL to home call.

CRETE, SV9. SV9CVY has been QRV on 40 meters around 2100z, 17 meters around 2000z and 12 meters around 1400z.

MICRONESIA, V6. Bert, V73GOD is active as V63USA from Kosrae Island, IOTA OC-059, until January 1. Activity is mostly on 17, 12, 10 and 6 meters using SSB, and possibly PSK31. His activity will be limited since this is a vacation. QSL via operator's instructions.

TOKELAU, ZK3. Atsu, 5W1SA is active as ZK3SA. QSL via JH7OHF.

QSL MANAGER UPDATE. As reported in DX Bulletin ARLD051, the QSL route for Serge, EX8MLE is direct only.

THIS WEEKEND ON THE RADIO. The RAC Winter Contest, Stew Perry Top Band Distance CW Challenge and Original QRP CW Contest are all scheduled for this weekend. The ARRL Straight-Key Night is scheduled for December 31 to January 1, 2003. Also, look for activity in the New Year's Snowball Contest, HA Happy New Year Contest and the SARTG New Year RTTY Contest. Please see December QST, page 93 and January 2003 QST, page 97 for details.

ARLX009 Special Event, ARISS Contact To Mark Transmission Centennial

ZCZC AX09
QST de W1AW
Special Bulletin 9 ARLX009
>From ARRL Headquarters
Newington CT December 27, 2002
To all radio amateurs

Special event station KM1CC will be on the air January 11-19, 2003, to mark the 100th anniversary of Guglielmo Marconi's inaugural wireless transmission between the US and Great Britain January 18, 1903.

Marconi used a 35 kW rotary spark transmitter and a massive antenna system to transmit a 54-word greeting from President Theodore Roosevelt to England's King Edward VII. The monarch promptly acknowledged receipt of the message via land line and cable.

The special event will take place at the former Coast Guard station at Coast Guard Beach in Eastham, Massachusetts, which is near the original Marconi site. Operation will include several amateur modes, including SSB, CW, FM, digital and satellite. The special event station will open to the public from 9 AM until 5 PM EST (1400-2200z), but operating will take place 24 hours a day.

An Amateur Radio on the International Space Station (ARISS) school contact is to be scheduled during the weeklong celebration. Selected students from three Cape Cod high schools will speak via KM1CC with a member of the new Expedition 6 ISS crew.

Marconi's daughter, Princess Elettra Marconi, is scheduled to attend the a reenactment of the groundbreaking wireless transmission on January 18, when KM1CC will transmit the text of Roosevelt's original message to King Edward VII.

Additional details are on the Marconi Radio Club Web site at <http://personal.tmlp.com/k1vv/w1aa>.

NNNN
/EX

DUES ARE DUE

As announced last month in the Feedback, the dues for 2003 is now due, but don't panic.... You have until March 7th to pay them. Full membership in the club is just \$ 10.00 per year. To add the XYL is just \$ 5.00 more, and if you wish to add the "harmonics" to the list, they are another \$ 2.50 each. What a bargain! So while yer thinking about it, take out the 'ole checkbook, write a check made out to the Massillon Amateur Radio Club and send it to Secretary Anne Ballinger N8GAF, 2468 Bellevue Ave S.W, Massillon, Ohio 44647-7212. P. S. Don't forget to include the reservation for the awards banquet for you AND the XYL!!!

2002 M.A.R.C HAMFEST REVISITED PICTURE BOOK !



Doing a little early Christmas shopping Jason?
Jason, KC8LIN, checking out the left- over "goodies"



Now let's see hmmm.... I know I left that mic here somewhere, but which mic is it ??? Dale Riech of Seville, Oh a visitor to MARC Hamfest prepares to leave in his Plymouth "porcupine" car! Hey Perry, W8AU, I think he has "one" more antenna on his car than you have!!

January 2003

Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																						
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Please contact KA8ZQH to add,delete or change Calendar

MASSILLON AMATEUR RADIO CLUB
P.O. BOX 73
MASSILLON, OHIO 44648

FIRST CLASS MAIL

TO:



75 Years in existence 1927 - 2002



VISIT US ON THE WEB AT; <http://www.qsl.net/w8np>

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