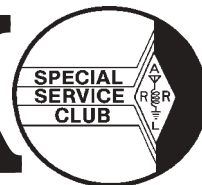


merry christmas

merry christmas



FEEDBACK



VOLUME 47

NUMBER 12

DECEMBER MEETING

The meeting for the month of December will be held at the Massillon Senior Center on December 6th, 2002 at 8:00 PM. This being the last meeting for the year, we will have many things to discuss.

The first and main thing will be the election of new Officer's for the year 2003. The Trustee's have already met and will give their recommendations to the membership. They will also entertain nominations from the floor. If you have someone who you would like to see become an Officer, they will be considered from the membership. To be eligible for office a member must (according to our Code of Regulations) be a member in good standing for at least Three Years, be at least 21 years old, and hold at least a Technician (Plus 5 WPM Code Requirement) Class License. We will be electing a new Vice President (the current Vice President moves up to President for the next year), Secretary, Treasurer, and one new Trustee. The current President shall not be eligible to hold office for at least one year, however, all other officers leaving their post ARE eligible to hold other offices, meaning they do not have to wait the required one year like the outgoing President. The current Trustee's are in charge of the election, and they will have a current membership list of eligible members.

Other business this month will be nominations from the floor for our annual Awards Dinner Banquet. The awards are for: Ham of the year; A1 operator Award, DX Award, Technical Merit Award, Public Service Award, Field Day Award, and any eligible Life Membership Awards. Know anyone deserving?? Let the Trustee's know!! Sounds like a very interesting meeting! So be sure to attend and let your voice be heard!!

At this time we would like to thank outgoing President Gene Beckwith, W8KXR, for an outstanding job this year. For leading us through some trying times and having a very successful year of Safety Breaks, a funfilled and outstanding, not to mention Record Breaking (for MARC) Field Day, and the biggest of all..... A VERY successful Hamfest 2002! THANK YOU GENE!!!

- SHORT SKIP -

Sub zero weather and freezing rains will soon be here. Be sure to check out one of our many fine antenna books from our club library and make plans now for your upcoming January antenna projects. 'Cause ain't no sense doing any of this stuff in warm weather. Right? (HI)

May the eternal gift of Christmas be yours throughout the New Year and forever more !

73 de WB80WM

NOTICE !!

The Annual Dinner Meeting Banquet will be held on January 18, 2003 at 6:00 PM. The date that was recommended at last month's meeting was already taken so we had to move it to the 18th. We hope this does not cause any inconvenience for anyone.



MARC MINUTES

November 1, 2002

The November Massillon Amateur Radio Club meeting was held at the Senior Center with 25 members and guests present.

MARC President Gene W8KXR called the meeting to order at 8:05 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 October minutes. They were accepted as stated in the FEEDBACK by Byron KF8UN and second by Sandra N8TZB.

MARC Treasurer Anne N8GAF gave 2 financial reports. The first report was on the MARC Hamfest. She reported the auction which was held by Perry W8AU helped make it successful. A motion was made to accept this report by Gary WC8W and second by Byron KF8UN. She then gave the second financial report. Gary WC8W made a motion to accept it and it was second by Don W8DEF.

Gene W8KXR then asked for committee reports. Comments were made on the Hamfest. Gene W8KXR talked to most of the vendors, they were all very pleased and said they will return next year.

Thanks goes to Dan N8DZM for the grafts he made of the Hamfest attendance for the past 10 years.

Don W8DEF asked if we will be using the Fairgrounds again next year. If so he will check the calendar to have it sanctioned for 2003. Also flyers will be needed to take to the Ft. Wayne Hamfest on Nov.16th. It is never too early to get our advertising out so others can reserve that date.

GENE W8KXR said committee will check into possible move for 2004 ,It will depend upon the place and the price. Jim WA8GXM made a motion on this and it was second by Sandra N8TZB.

In the absence of Don W8WEA, Gary WC8W said Special Event Station cards need to be sorted so that certificates could be sent out. Byron KF8UN suggested special certificates be made for the operators.

Gene W8KXR received different submissions for the By-Laws changes since last months additions were voted down. He will appoint a committee to go over both submissions and report back next month.

Rich KA8ZQH gave the correspondence report. He read a thank you note from Pastor Merlin Kertetter for our help with the Crop Walk. He also read a letter of congratulations from Joe Phillips K8QOE for MARC 75th Anniversary.

OLD BUSINESS

Don W8DEF has the patches for jackets & shirts of which are either sewen on or iron on. The diamond or the 75th are both available for \$2.50 each.

Dan N8DZM gave the Fox hunt report, he was pleased with the results. Everyone involved used only an HT to find the fox. No fancy equipment was used this time. The next Fox hunt will be Sunday November 10th at 3:00 P.M.

NEW BUSINESS

Gary WC8W needs e-mail address so he can send the FEEDBACK, it will save on printing and postage. Also you will receive it in color. Gary's new e-mail address is wc8w@sssnet.com

Byron KF8UN will be doing contesting in the Shack Friday, Saturday, and Sunday Nov.22,23,24. Everyone is welcome to join him.

Perry W8AU has a sign up sheet for helpers to do the Christmas Parade. He needs helpers to line up the parade and parade marshals. The E-COM trailer will be in the parade again this year. Anne N8GAF will order candy to be passed out. Rick KC8LYG volunteered his son, and Sandra N8TZB her grandson to help pass the candy out.

Two MARC members are on the get well list. Janet N8GXO and BruceW8ZNV. Cards of our well wishes will be sent to them.

Last year Ed WA8DRT suggested the Perry Grange for our banquet. Well we tried it and liked it so much Anne N8GAF will try to make reservations again this year. She will let us know next month.

Gary WC8W said VE Session will be Nov.30th at the EOC. All 3 ARRL sponsored emergency testing will be given that day.

Thanks goes to Jason KC8LIN for helping with the 50-50. Congratulations goes to Terry N8ATZ's XYL Lynette for winning the 50-50 for \$9.00.

The meeting ended at 9:00 P.M.. Everyone enjoyed refreshments of cider and donuts.

Minutes by Linda K8MOO Secretary MARC



... WINNERS AND STILL CHAMPIONS ! ...

Congratulations again go out to the Massillon Amateur Radio Club for yet another superior showing in this years annual ARRL Field Day preparedness exercise ! The December QST is out and lists the official Field Day scores and the MARC has placed third in Ohio with 5,868 official points on 1,701 contacts. Congratulations to everyone involved who helped us in this important exercise. Class 2A is always the largest category and this year was no exception. With over 500 entries listed this year, the MARC rated in 56th place overall. A superior effort.

In our friendly competition with the Canton Amateur Radio Club, we will again retain possession of the coveted Field Day trophy as the CARC posted a final score of 4,688 points on 1,341 contacts. A fine score indeed but not enough to stop the MARC's perfect record. Congratulations to the CARC for a fine effort but we look forward to the official presentation at our annual awards banquet in January.

.... SIMULATED EMERGENCY TEST DRILL

My thanks to those MARC members who assisted in the recent drill held Friday, November 15th at Cantons Marathon Ashland Petroleum (MAP) Refinery. Operating in cooperation with the Stark County Emergency Preparedness Agency, our primary purpose was to provide supplemental communications support between the disaster site, the EOC and area hospitals. The results of the drill will be submitted to the ARRL as part of Stark Countys Simulated Emergency Test and with any luck, honorable mention in QST magazine. A full wrap up will appear shortly on the Stark County ARES website. Thanks to the following club members for assisting in this important exercise, Terry - N8ATZ, Jim - WA8GXM, Ed - WA8DRT, Gary - WC8W, Perry - W8AU, Dave - WD8AYE, Saundy - N8TZB and Don - W8DEF.

.... THE NIGHT BEFORE CHRISTMAS, HAM RADIO STYLE

Every year at this time, Im on the lookout for a great Christmas Story, Ham Radio Style, of course. I stumbled upon this one during a web search, couldnt find the author but its still a good one. I hope you enjoy it.

'Twas the night before Christmas, when all through the town,
The snowstorm was raging, the phone lines were down;
The wind it did howl, the tree limbs did crack,

I hope that St. Nick isn't forced to turn back.
The wife making cookies, the kids making noise,
While away in the shack, by my rig I was poised.
The finals were glowing, the mike gain was set,
I was chasing DX to see what I could get.
The bands were all empty, the frequencies clear,
Except one lone station that sounded quite near.
He was calling CQ and my interest did pique,
When he ended transmission with the words,
"Old St. Nick".
I answered back quickly, I used great dispatch,
If this were St. Nicholas, good God, what a catch!
We exchanged information, it was really quite graphic,
Then he came back and said,
"I've emergency traffic!"
His reindeer were tired, his elves in a grump,
If he didn't land soon, then his sleigh he would dump.
I thought very carefully, I thought very hard,
Then I gave him directions to my snow covered yard.
As he flew past my window, his hair like a mane,
He reined in his chargers and called them by name:
"Whoa, Anode! Whoa, Cathode! Whoa, Zener! Whoa,
Diode!
Stop, Heater! Stop, Grid leak! Stop, Bias! Stop, Triode!
You're flying too low! you're flying too fast!
Look out, you dumb reindeer, his antenna mast!"
So into the backyard the reindeer did drop,
St. Nick, the elves, and the sleigh went kerplow!
Then at the back door, I heard this loud knocking,
"Open up in there, or I won't fill your stocking!"
As I turned off the light and was leaving the shack,
Into the house Saint Nicholas came from the back—
His two-meter rig held to his hip with a strap,
"Hams do it in the shack" on the front of his cap.
The sack that he carried made his aged brow furrow,
And he handed me a card that read,
"QSL Via Bureau".
His clothes were all sooty, from his shoes to his vest;
I felt like a novice taking his test.
His fingers were calloused and from what I could tell,
This came from a straight key that I'll bet he used well.
I offered him coffee, I offered him smokes,
I tried easing the tension by telling ham jokes.
Then he nodded his head and raised up his thumb,
He smiled like an Elmer, did I ever feel dumb.
He grabbed up his sack and went straight for the tree,
And placed in it a large present for me.
When he finished his work, he stood up, took a bow,
Then out the back door to his team he did plow.
But I heard him exclaim as he flew o'er the land,
"Beware the FCC, friend, we were both out of band!"
Merry Christmas from my house to yours!



73s till next time

Terry - N8ATZ

2003 DAYTON HAMVENTION CHARTER BUS INFORMATION AND RESERVATION FORM 2003

DATE OF TRIP – SATURDAY, MAY 17, 2003 TIME OF DEPARTURE FROM DOVER – 3 A.M. (EASTERN DAYLIGHT TIME) PRIMARY ASSEMBLY LOCATION – VERIZON WAREHOUSE PARKING LOT IN DOVER

The Verizon Warehouse is located on Commercial Parkway (State Route 39), Just north of the West Fourth Street bridge. **IMPORTANT:** Please park your vehicle on the south side of the lot. This will enable employees access to the area and allow the bus to turn around. **FAILURE TO FOLLOW THIS PROCEDURE MAY RESTRICT USE OF THIS LOCATION AS AN ASSEMBLY POINT!**

ALTERNATE PICKUP LOCATION – NEWSCOMERSTOWN TRUCK STOP

This area is near the intersection of Interstate 77 and U.S Route 36, east of Newcomerstown. Arrival time at this location will be around 3:20am.

DEPARTURE TIME FROM HARA ARENA IS 5:15 P.M. PLEASE TRY TO BE ON BOARD BY THEN.

FOOD STOPS: THERE WILL BE A BREAKFAST STOP IN SPRINGFIELD, EN ROUTE TO THE HAMFEST AND A STOP AT THE MCL CAFETERIA, IN COLUMBUS, UPON RETURN. FOOD COSTS ARE NOT INCLUDED IN THE PRICE OF THE TRIP!

ROUND TRIP COST, INCLUDING ADMISSION TICKET, IS \$53.00 PER PERSON. THE DEADLINE FOR RESERVING SEATS WITH ADVANCE ADMISION TICKET IS APRIL 18, 2003.

INDIVIDUAL SEATS, WITHOUT ADMISSION TICKET, ARE AVAILABLE ON A FIRST COME BASIS FOR \$36.00 EACH.

PLEASE USE THE ATTACHED FORM AT THE BOTTOM OF THIS PAGE WHEN MAKING RESERVATIONS. IF YOU ARE MAKING RESERVATIONS FOR MORE THAN ONE PERSON, BE SURE TO INCLUDE COMPLETE INFORMATION ON A SEPARATE SHEET. PLEASE TYPE OR PRINT LEGIBLY. THIS IS NECESSARY FOR INCLUSION ON THE PASSENGER MANIFEST AND SEAT TICKET.

BE SURE TO INCLUDE THE CORRECT AMOUNT WITH YOUR RESERVATION FORM.

IF SUBMITTING BY MAIL, USE A CHECK OR MONEY ORDER. DO NOT SEND CASH!

MAKE YOUR CHECK OR MONEY ORDER, FOR THE CORRECT AMOUND, PAYABLE TO:

DAVID A. LOMADY WD8CKK HE IS THE HAMVENTION CHARTER BUS CHAIRMAN. COMPLETED FORMS, WITH CORRECT REMITTANCE, SHOULD BE SENT TO HIS HOME ADDRESS: 723 EAST FRONT STREET DOVER, OH 44622-1434, PRIOR TO THE DEADLINE. NEITHER THE TUSCO AMATEUR RADIO CLUB INC. OR THE HAMVENTION CHARTER BUS CHAIRMAN IS RESPONSIALE FOR LOST OR STOLEN ITEMS, ACCIDENTS OR INJURIES.

YOUR PATRONAGE MAKES THESE TRIPS POSSIBLE. THANKS YOU FOR USING THIS SERVICE.

NAME _____ CALL _____ ADDRESS _____

CITY _____ STATE _____ ZIP PLUS FOUR CODE _____ - _____

PLEASE RESERVE ME A TOTAL OF _____ SEATS AND ADMISSION TICKETS AT \$53.00 EACH.

DEADLINE FOR SEATS WITH ADVANCE ADMISSION TICKETS IS 5 P.M., APRIL 18, 2003. RESERVE

ME _____ SEATS ONLY AT \$36.00 EACH. (AVAILABLE ON A FIRST COME BASIS) TOTAL AMOUNT

ENCLOSED \$ _____ TO AVOID ERRORS, PLEASE TYPE OR PRINT LEGIBLY. BE SURE TO INCLUDE

COMPLETE INFORMATION ON ANY ADDITIONAL RIDERS. **(CIRCLE ONE)** I WILL MEET THE BUS AT

A. DOVER B. NEWCOMERSTOWN.

This email is to remind you that the Tusco Amateur Radio club will again sponsor a bus trip to the Dayton Hamvention in 2003. The date is Saturday May 17, 2003. Please check the enclosed word file for more information and form for reservations. Please sent the completed form and check to David A Lomady WD8CKK as directed in the word file. Do not send the completed form or check to me, Jason KC8LIN. Thanks Please pass this on to all your friends.

For more information you can contact me Jason Stroll (KC8LIN) kc8lin@neo.rr.com or the Hamvention Charter bus chairman himself,

David A Lomady WD8CKK
723 East Front Street
Dover Ohio 44622-1434

or you may contact Dave after the West Stark info net on Fridays at 8PM on the 147.180 repeater.

Tectopics - - 09 - -

Boat Anchors From Butler Or How I Learned to Love the Heat

Due to unusually busy schedules these past couple of years, I'd not been to the fall 'fest' over in Butler, Pa. This was painful situation, because the Rehab Lab here at the "Big KXR" is always short of parts and sufficient stock piles of critical stuff to support its ever active building and rehab activity. It is a certain fact of life, that if one is to build and grow a radio station worth the reputation of the "Big KXR," a steady supply of 'makins' is critical to continuing progress, hence the need for steady recon of the tables down under.

So with this thought in mind, a close associate of this station, sometimes known as 'Silent Bob' and also known as K8MGC, met at thirty minutes before way too early and headed east for some serious recon in Butler. Now it is well known that K8MGC is not well known, at least on the usual frequencies in the area. Silent Bob does most of his operating from an obscure location somewhere south of Navare...and he mostly does CW. Actually there are very few, if any, confirmed reports of him ever operating phone, but even so, he is a skilled and resourceful 'scrunker of stuff' at the fests . . . a real force to be dealt with when it comes to search and rescue of real radios.

But, let the story continue. For those of you who've not made the trip, Butler is a mostly leisurely drive east and then a bit south of Akron. There are lots of places to stop and drink coffee and watch the sun come up, and eat steak and eggs . . . gotta keep energy levels up for carrying off booty . . . err the Big Iron . . . but seriously the drive is easy and two hours not a serious investment for the great prizes that await the stalwart.

So what did we find that made this a worth while trip? Well to start, Silent Bob picked up, with some effort, a not so bad NC-300. The price was great and the condition of the radio was about 7.5 to 8 on the cosmetic scale. This is a neat receiver, and this one should clean up just fine. A point or two in checking this rig out is to look for the accessory calibrator, and be sure the plastic frequency drum is in good condition. A great find Silent Bob!

Next he picked up a fist full of ceramic feed through insulators, the kind needed to run wire antennas through a wind or wall. These weren't the wimpy plastic ones, but real E.F. Johnson's and for pocket change, it is the best way to get wire into the shack in a professional way.

In my case, I've been looking for a 'clean' Barker and Williamson '5100' and wow . . . almost a real find . . . there were two of them available at the same table! But, let's not be too hasty . . . a quick look through the top side access door sent up some serious caution flags. These poor old soldiers had seen some rough times. They had the look of having been wet . . . a transformers worst nightmare! They were rusty around the iron laminations, and a generally sorry look of dirt and corrosion signaled that even at the friendly prices being asked, these were no bargain.

Either of these heavy weights classics could have been brought back to life with a medium to serious effort, but more than average skill would be required, not to mention a serious investment of time. So, you guessed it, I passed them up. One of the big dangers in scouting out a 'bargain' is to be overcome by 'the passion' of expediency. Best to take a hard look, then measure your available time and expertise. There is always more good stuff waiting just down the line at the next table.

And just to prove a point, such a find was just there whispering its need to join operations over at the Big KXR. Sitting in the near ninety five degree temperatures, mostly by itself, on a tipsy old card table that seemed also to be struggling to maintain itself in the over ninety degree temperature, was a beautiful Central Electronics MM-2!

Now this was very serious, so I slipped into the hard bargaining, no holds barred, mode and began to advance on the fragile looking position and unsuspecting soon to be non-owner. The asking price was not too bad,

and a quick inspection of the MM-2 confirmed it was probably not in current use, but that there were no scratches, no smell of burnt rosin, no frayed power cord, no blown fuse, no chipped knobs, and yep . . . the seller more than eagerly offered up an authentic original manual, complete with schematic.

Also the manual was stuffed with a bunch of other schematics that had nothing to do with the MM-2. These extras did relate to some other Central Electronic gear. Hmm...not bad, and the guy was singing the old familiar cantata that goes, 'I don't wana take it home, so why don't ya take it off my hands. Make me an offer? And, oh yea, did I tell ya? It works on all bands! Whew this guy was ripe!

Well, in the heat of search and rescue of neat stuff, one never gets too excited when hearing this old refrain, especially when the guy looks like he's on the verge of a heat stroke! By stepping a little to the south west of his table, I had this poor guy even looking into the sun while he tried to defend himself . . . Bad mistake on his part.

Gosh, I love it when the temps get above ninety, and it's even better when it gets close to one hundred. So, I casually pulled out my trusty bottle of water and a couple tasty peanut butter cookies, freshly prepared by Missy Marilyn for just such expeditions . . . and took a long slow pull on my water bottle.

Now the gent was toasting quiet nicely under a bright cloudless late morning sun, and without a breeze he was softening up nicely. While I leafed through the manual, and did a second leisurely thorough inspection of the merchandise, I offered him a real low baller, but he was not quite ready yet. So I munched on the second cookie and washed it down with more water, and continued to methodically inspect the extra schematics.

In the end, I made a slightly higher offer with greens in hand and the guy reached pathetically for my loot, then quickly sank back into the shade of his van. Once the deal was made, an always ready nylon gunny sack was deployed and the little jewel was quickly stowed along with the manual and extra schematics. He was too easy, and I only got to munch on two cookies before he caved. Guess he couldn't take the heat.

Oh, I forgot, what is an MM- 2 you ask? It is an in line oscilloscope made by the same company that built the very famous Central Electronics 100V and 200V transmitters. The transmitters are well known because they were all pass band tuned, much the way the Sushi and Rice boxes are today...except they were tube rigs.

The MM-2 was of equal quality, a commercial grade unit similar to the HO and SB series Heathkit that does a similar job. The MM-2 often included circuitry for coupling to your receiver's IF frequency so that incoming signals can be monitored too. It contained on board two

tone oscillators for setting up linear amps and other ssb testing. It is a quality piece of gear that when found, is a mere fraction of the cost of similar 'sushi box equivalents,' and as a bonus it even looks like a real radio.

One other curious note regarding the Central Electronics name and equipment. The engineers who designed this equipment have maintained a complete parts inventory and if you are not up to the task of maintaining and repairing these units, complete service is still readily available. There is even a web site that provides excellent technical notes and other neat stuff pertaining to these near military quality rigs.

So for a couple of buck, some yummy cookies and a lot of fun, a neat piece of very useful and high quality gear was found and will soon be pressed into service at W8KXR. It will go into service as a permanent in line monitor for one of several HF stations, most likely with the HT-37 that was described in an earlier Tectopics.

Other neat stuff was found and scrounged. A bag of analog meters for the collection and for building...at a dollar a pop, one can find a lot of stuff to carry around and not be out much loot and still afford a bag of 'won't make you fat fires' for lunch on the way home.

And there it was, another of the little high quality twin meter swr bridges that were used so extensively down on 11 meters. After a few cookies and some refreshing water, the little gem nearly jumped in my gunny sack! Recall one of these beauties that had damaged meters was the basis of a custom made rack mounted twin meter swr bridge that was brought to the club for show and tell a few months ago.

This homebrew item is in regular service here at the station and continues to confirm that these little gems are real values. Still have doubts? Check the price tags on the new twin meter swr bridges and crossed needle jobs, then think again about your pocket book, some real home brewing, and the satisfaction of building something yourself for very little loot.

Well there was more stuff that ended up in the recon retrieval bag that included selected knobs for the next customizing job, a like new five kilovolt, dual section, variable capacitor that will be the basis of the next heavy balanced tuner. This find even had an 80 meter coil attached including an excellent ceramic socket. The cap is the same class of high grade commercial components described recently in the QST series on homebrew tuners. When purchased new, these beauties are a multi hundred dollar items. In this case, it didn't even require the cookie ploy. They guy was packing up about 1300 Hrs, and he looked real anxious to roll up the windows and turn on the air. Wow . . . I really get excited when ya can get stuff so easy! Gosh I really love the heat when it's time for recon at the fests!

So, there you have ^{Page 7} This year's adventure at Butler. It was great fun and those guys ran a great fest. It was well attended and the crowd was quite good. Very encouraging and good hunting, with parts, pieces, boat anchors, and rice boxes all well represented.

For the "Procurement Department" here at W8KXR, the next recon mission is Cleveland, and Silent Bob and I are already plotting our strategy. Let's see...one dozen of Missy Marilyn's peanut butter cookies, a half dozen of her special triple decker chocolate brownies...a small Thermos of hot coffee in case it's a bit cool ... bottled water in case it's a little toasty . . . one Boonie Cap. . . Yep, the nylon recon bag is stowed and were ready to go...C u there, es good hunting . . .

73, From the guys over at the "Procurement Department"

De W8KXR Sep/02



MARC HAMFEST 2002 REVISITED

From the opening of the gate, MARC Hamfest 2002 was in every word a success. Ann, N8GAF and Linda K8MOO (with help) stayed at the gate during the opening and selling tickets to some 700 people. Linda (on the left) said that the crowd seemed a bit down from last year, however the numbers were nearly the same. Some of the Club's Members are to commended for their relentless work in making sure fliers were distribute at other Hamfests which helped make ours a success.



As can de seen in the picture on the left October 27, 2002 was the place to be if you were a local ham. The crowed was in the "Hamfest" mood! Unlike years past at the K of C, there was plenty of room for everyone to walk around, look at all the "goodies" and have an "eyeball QSO" with friends. There were plenty of good equipment for sale as you can see in picture on the left. Many of the local hams left with a smile on his face as he commandeered the "bargain" of a lifetime. If you didn't find anything on the tables, then the auction was the place to be. With bargains galor, Perry, W8AU and company had their hands full with parts, equipment and the like at the auction. Huge "mounds " of stuff was carried out that day. With one thought on everyone's mind, "wait until next year" !!!

We want to take this oppertunity to thank all MARC members who helped make this year a success. Countless hours were spent taking fliers to other hamfests and making

time to assure year. As can be picture, and Lynnette teered to take the tables and through at the Without the



a success this seen in the Terry, N8ATZ, Russ volun-reservations for followed Hamfest. help of every-one, this could have not happened as well this year.

Thanks Everyone!!!

AND THE WINNER'S WERE!!

1st: Dennis Strock N8PPE

2nd Rich Ross KA8ZQH

3rd Rick Garner KC8LYG

4th Bob Esplenschied W8TRP

CONGRATULATIONS TO THE MAIN PRIZE WINNERS !!

IT'S THAT TIME AGAIN!!



DUES ARE DUE !!!

Yep, it's hard to believe, but time flies and the end of our fiscal year is drawing to a close. With December coming, that means dues for 2003 will now become due, but don't worry, you have until March 7, 2003 to pay it. Yes we give plenty of notice to everyone. There may or may not be notices in the January or February issue of Feedback, but we will try to include them if space allows. The annual membership for a member is as follows:

Single membership \$ 10/ year

Dues for the XYL \$ 5.00

Student's of family members: just a mere \$ 2.50

Getting to see all the fun at the Awards Banquet: PRICELESS!! The best method to pay is to attend the January Awards Banquet, that way you can pay all with one check! See ya there!!!

ARRL NEWS

ARLP049 Propagation de K7VVV

ZCZC AP49
QST de W1AW
Propagation Forecast Bulletin 49 ARLP049
>From Tad Cook, K7VVV
Seattle, WA November 27, 2002
To all radio amateurs

This is a shortened propagation bulletin due to the Thanksgiving holiday. The solar and geomagnetic data normally in this bulletin should appear Monday, December 2 in Propagation Forecast Bulletin ARLP050.

Active geomagnetic conditions plagued the ARRL Phone Sweepstakes, although participants tell me that Sunday improved over Saturday. Sunspot counts and solar flux declined quite markedly, with Monday's solar flux of 137 the lowest since October 2.

On Sunday a coronal mass ejection erupted, and this could cause some disruption over the next few days. A cloud of energy swept past earth at 2150z on Tuesday and met a south-tilting interplanetary magnetic field, indicating more geomagnetic instability to come.

Currently the predicted planetary A index for Wednesday through Saturday is 20, 15, 15 and 12. Solar flux will likely rise again, with predicted flux values of 145, 150, 155 and 160 for the same period. Solar flux is expected to rise to just shy of 200 by mid-December.

NNNN
/EX

ARLD048 DX news

ZCZC AE48
QST de W1AW
DX Bulletin 48 ARLD048
>From ARRL Headquarters
Newington CT November 27, 2002
To all radio amateurs

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

MAURITANIA, 5T. Look for JA1CPS, JA1PBV, JA6RQ and JA8RUZ to be QRV as 5T5CPS, 5T5PBV, 5T5RQ and 5T5RUZ, respectively, from November 29 to December 7. Activity is on all bands, especially on 160 and 30 meters. QSL to home calls.

CROATIA, 9A. Dusan, 9A/S52DG/p will be QRV from Hvar Island, IOTA EU-016, from November 29 to December 2. Activity will be on 80 to 10 meters using CW and SSB. QSL to home call.

NEPAL, 9N. Hugo, LA5YJ is QRV as 9N7YJ from Kathmandu. Of late, he has been active on 30 meters just before 1900z and on 40 meters around 2100z. QSL to home call.

UNITED ARAB EMIRATES, A6. Ali, A61AJ has been QRV on 80 meters around 1345z and 40 meters around 1400z. QSL via N4QB.

IRAN, EP. Moshen, EP3SMH has been QRV on 12 meters between 1310 and 1345z. QSL to home call.

LUXEMBOURG, LX. Special event station LX0LT will be active on all bands using CW, SSB, RTTY and PSK31 from November 30 to December 8, for 24 hours a day. QSL via LX1RQ.

ARUBA, P4. Ken, K6TA and Kay, K6KO plan to be QRV from December 3 to 17 as P40TA and P40K, respectively. Activity will be mainly on the newer bands and 6 meters. They will operate in the upcoming ARRL single band contests. QSL via WM6A.

SOUTH SHETLAND ISLANDS. Alex is QRV as R1ANF and has been active on 20 meters using RTTY around 0200z. QSL via RK1PWA.

SUDAN, ST. Marco, ST1MN is active from here until the end of June 2003. QSL via IV3OWC.

GABON, TR. Alain, TR8CA has been QRV on 30 meters just after 0430z and on 12 meters around 1730z using RTTY. QSL via F6CBC.

NNNN
/EX

IN MEMORIAM BERNARD E. WICKHAM

Former MARC Club member Bernard (Bernie) Wickham, **KB8MSL**, passed away on Nov. 24, 2002 in Naples FL. Bernie was a club member from 1991 to 1998 when he moved to Florida. He has been a Naples resident for the past four years. A veteran of WW II, US Navy Bernie is survived by his wife Mildred, 2 stepchildren, seven grandchildren, and four great-grandchildren. A memorial service was held Friday November 29, 2002 at the Lely Presbyterian Church in Naples FL. In lieu of flowers, the family suggests memorial contributions be made to the Lely Presbyterian Church, 110 St. Andrews Blvd., Naples FL 34113. Our condolences to the family



December 2002

Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																									
<p>1</p> <p>Stark County Mutual Aid Net 146.520 11:30 AM</p>	<p>2</p> <p>Sloppy Fist Net every Monday thru Friday at 9PM on 28.138</p>	<p>3</p>	<p>4</p>	<p>5</p> <p>7:30 PM QCWA (Chapter 21) Net, 147.180</p>	<p>6</p> <p>BD N8AHO Massillon ARC Meeting</p>	<p>7</p>																																																																									
<p>8</p> <p>Stark County Mutual Aid Net 146.520 11:30 AM</p>	<p>9</p> <p>BD KB8FFC</p>	<p>10</p>	<p>11</p> <p>BD W8EXR</p>	<p>12</p> <p>7:30 PM QCWA (Chapter 21) Net, 147.180 BD N8GPC</p>	<p>13</p> <p>West Stark Info Net 147.180 at 8:00 PM</p>	<p>14</p>																																																																									
<p>15</p> <p>Stark County Mutual Aid Net 146.520 11:30 AM</p>	<p>16</p>	<p>17</p> <p>BD K8HSQ</p>	<p>18</p> <p>Canton ARC Meeting 7:30 PM</p>	<p>19</p> <p>7:30 PM QCWA (Chapter 21) Net, 147.180</p>	<p>20</p> <p>West Stark Info Net 147.180 at 8:00 PM</p>	<p>21</p>																																																																									
<p>22</p> <p>Stark County Mutual Aid Net 146.520 11:30 AM</p>	<p>23</p> <p>Sloppy Fist Net every Monday thru Friday at 9PM on 28.138</p>	<p>24</p>	<p>25</p> <p>Christmas</p>	<p>26</p> <p>7:30 PM QCWA (Chapter 21) Net, 147.180 BD KB8VHL</p>	<p>27</p> <p>BD WB8KEO West Stark Info Net 147.180 at 8:00 PM</p>	<p>28</p>																																																																									
<p>29</p> <p>Stark County Mutual Aid Net 146.520 11:30 AM</p>	<p>30</p>	<p>31</p>	<table style="margin: auto; border: 1px solid black;"> <tr> <td colspan="7" style="text-align: center;">November 02</td> <td colspan="7" style="text-align: center;">January 03</td> </tr> <tr> <td style="text-align: center;">S</td><td style="text-align: center;">M</td><td style="text-align: center;">T</td><td style="text-align: center;">W</td><td style="text-align: center;">T</td><td style="text-align: center;">F</td><td style="text-align: center;">S</td> <td style="text-align: center;">S</td><td style="text-align: center;">M</td><td style="text-align: center;">T</td><td style="text-align: center;">W</td><td style="text-align: center;">T</td><td style="text-align: center;">F</td><td style="text-align: center;">S</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td style="text-align: center;">1</td><td style="text-align: center;">2</td><td></td><td></td><td></td><td style="text-align: center;">1</td><td style="text-align: center;">2</td><td style="text-align: center;">3</td><td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: center;">3</td><td style="text-align: center;">4</td><td style="text-align: center;">5</td><td style="text-align: center;">6</td><td style="text-align: center;">7</td><td style="text-align: center;">8</td><td style="text-align: center;">9</td><td style="text-align: center;">10</td><td style="text-align: center;">11</td><td style="text-align: center;">12</td><td style="text-align: center;">13</td><td style="text-align: center;">14</td><td style="text-align: center;">15</td><td style="text-align: center;">16</td><td style="text-align: center;">17</td> </tr> <tr> <td style="text-align: center;">17</td><td style="text-align: center;">18</td><td style="text-align: center;">19</td><td style="text-align: center;">20</td><td style="text-align: center;">21</td><td style="text-align: center;">22</td><td style="text-align: center;">23</td><td style="text-align: center;">24</td><td style="text-align: center;">25</td><td style="text-align: center;">26</td><td style="text-align: center;">27</td><td style="text-align: center;">28</td><td style="text-align: center;">29</td><td style="text-align: center;">30</td><td style="text-align: center;">31</td> </tr> </table>				November 02							January 03							S	M	T	W	T	F	S	S	M	T	W	T	F	S							1	2				1	2	3	4	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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Please contact KA8ZOH to add, delete or change Calendar