

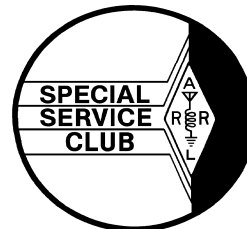


FEEDBACK



NOVEMBER 2000

VOLUME 45 NUMBER 11



IN MEMORIAM ROY BURCKHART W8CZA 1907 - 2000

- SHORT SKIP -



If ya hear **DL1GBZ** on the air be sure to work him as I understand he has a very cute cartoon character on his QSL card. The character is behind bars with the label "CONTEST" below it with a list of charges including:

'Ruthless on the air,' 'running beyond legal power,' 'storing 599 in the keyer,' 'sending in falsified logs,' 'ignoring TVI complaints,' 'ridiculous ambition,' and 'never answers contest QSLs.' - HI

73 DE **WB8OWM**

NOVEMBER MEETING NOTICE

The meeting for the month of November will be held at the Massillon Senior Center in downtown Massillon on November 3, 2000 at 8:00 PM. This meeting will focus on the Massillon Hamfests 2000 results .

Also at this meeting we will solicit ideas for the upcoming January Dinner meeting. We need your suggestions for the awards to be given out at this meeting and we must decide where to hold our banquet. Last year we met at Abby Road Restaurant and I think all had a good time. So please plan on attending this very important meeting. See you there !



October 6,2000 MARC MINUTES

The October meeting was held at the Senior Center with 29 members and guests present. The meeting was called to order by Perry W8AU at 8:05 P.M.

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

Perry W8AU asked that the reading of the September minutes be suspended. Motion was made by Gene W8KXR and second by Smitty WD8CIB.

The financial report was given by the Treasurer Anne N8GAF, She had 2 reports, one on the Safety Break ,the net was \$1,126.26. She told of the expenses for the MARC Hamfest ,and all the other bills paid. She also told of the interest on the C.D. and the saving/ checking account. She asked for it to be accepted. motion was made by Carl KC8JLX and second by Don W8DEF.

Don W8DEF read the mail and told of upcoming hamfests . The ARRL letter wasn't here yet. He also gave everyone who helped make the Safety Break a big success a big hand, and a big thank you. Safety breaks do help the MARC Club funds.

OLD BUSINESS

The different committees were discussed for the MARC Hamfest. Perry W8AU will be in charge of getting the prizes to be given away. He said there will be 5 not 3 main prizes given away this year.

Workers are to meet on Sat. Oct . 28th. at 10:00 A.M. to help set up tables.. Don W8DEF will be head of security this year. Check -ins will be handled by Bruce AB8FB and Jason KC8LIN . Anne N8GAF and Linda K8MOO will be selling tickets at the door. They are to contact Jerry KF8EB to sell tickets in the parking lot again this year,he did a good job last year , it really helped when the doors were open.

Jim WA8GXM said Terry N8ATZ received notice from ARRL that MARC is in the final running for one of the main prizes for participating in the movie Frequency. Perry W8AU did receive C D call book from them,it could be loaned out to members if needed.

Ed WA8DRT thanked everyone that helped with the Crop Walk that was held on Sunday afternoon Oct. 1.

NEW BUSINESS

We need help on Nov. 18th to line up the Christmas Parade. Anyone interested can sign up at the Nov. meeting.

Perry W8AU discussed the antenna situation with the hotel. Seems like hes talking to the bank and will be using their roof.

Gary WC8W would like everyone to look at the newsletter on the Web site. It is in color. He had a sample he printed of in color, it looked very good.

Don W8DEF asked if anyone would like to help in the trailer after the parade at the new Radio Shack. It might help in getting some people interested in coming to our classes. Also they will have books for learning amateur radio.

Perry W8AU closed the meeting at 9:30 P.M.

Things were given away again that had belonged to Leroy W8CZA who is now a silent key. Thanks also goes to Dennis K1FFA for donating some items that were given away.

Everyone enjoyed refreshments, thanks Dan N8DZM for picking up the donuts and Don W8DEF for bringing the soda.

We had 2 new members join MARC welcome to John W8CYA and Bob KC8PIP.

The 50-50 for \$15.50 was won by Ed WA8DRT.

Minutes by Linda K8MOO Secretary MARC

.... TEN-TEC HOMECOMING HAMFEST

On the weekend of October 9 & 10, I had the opportunity to visit one of the last remaining American Amateur Radio manufacturers and in my opinion one of the best. Located in the foothills of the Great Smoky Mountains in Sevierville, TN is Tennessee Technology better known as Ten-Tec. To commemorate what I think was their 30th anniversary, they held an open house complete with factory tours, equipment discounts, and a decent outdoor fleamarket. They also setup a large outdoor tent complete with a 40 foot tower and beam antenna connected to several of their newest transceivers just to play around with. Although the weather was a bit chilly (I traveled 500 miles to find snow flurries!) it didn't seem to hinder attendance as I saw license plates from all over the Southeastern US and Canada. Factory tours were given every 30 minutes and the signup sheet had over 300 names on it by 10 O'clock.

Out tour was led by Ten-Tec's production manager named Scott who escorted us around the manufacturing and assembly areas, as well as their extensive quality control department. Very impressive I must say !. Pictures were allowed and I took quite a few, some of which should be posted to our website by the time you read this. Look for them on the New Stuff page. It's interesting to note that as famous as their amateur equipment has become, it only amounts to about 40 percent of their total business. Commercial Communications equipment comprise another 40 percent with Tool & Die and Plastics Injection Molding make up the remainder. And I thought they only made Ham Gear ! They boast that they can service and provide replacement parts for every radio they've ever made since day one and after seeing their factory I believe it !

I couldn't leave without buying something and knowing how much I like kit building, I brought back two Ten-Tec kits, the HF/VHF Wattmeter and a neat little dummy load. Hey, I had to get something ! For those of you who couldn't make the trip the word is they were so impressed by the turn out that this could become an annual event. Anybody for a road trip next year ? The bottom line is they are a great company and I had a terrific time !

.... MASSILLON CHRISTMAS PARADE

It's hard to believe but before long it will be time for our last scheduled public service event of the year. The annual Massillon Christmas Parade will be held this year on Saturday, November 18th. Always a club favorite, again this year we have been asked to provide safety & logistics communications during setup of this years parade. As in the past two years, we will proudly show off our EComm trailer during the parade. This is a great public service event that really shows off the MARC to the citizens of Massillon. We always need lots of help for this fun event, if you would like to assist with this years parade contact Club President Perry Ballinger - W8AU, Communications Coordinator.

.... RADIO SHACK GRAND OPENING

Pending arrangements, immediately following the Massillon Christmas Parade the club will assist the new Massillon Marketplace Radio Shack celebrate their grand opening with an Amateur Radio demonstration. Using the clubs EComm trailer, we intend to setup and demonstrate our hobby to the public. This will also be a great way to actively recruit new hams to our hobby. For many years now we have been using the Radio Shack study guide materials during our license classes, what a better way to do this than during an active radio demonstration. We hope to be setup from about 1:00 PM to 5:00 PM in front of the new store off route 21, please drop by and support both the club and our hobby by spending some time with us !

.... THE RESULTS ARE IN

Congratulations are in order for the Alliance Amateur Radio Club as their club newsletter "ZERO BEAT" wins the 9th Annual Ohio Ham Radio Newsletter Contest. Editor John Myers - KD8MQ does a super job in putting together this award winning newsletter. Available on-line, be sure to check out a recent copy on their website. It's located at www.qsl.net/w8lky.

That's it for this month, till next time 73's

Terry, N8ATZ



Public Service; The C.R.O.P. Walk helpers pictured here are (front, left) Terry N8ATZ, Jim WA8GXM, Don W8DEF, back row, Perry W8AU, Russ N8PII, Bruce AB8FB, and Don W8DEA. Ed WA8DRT and his fellow worshipers at the Brewster United Methodist Church wish to thank all who helped and thanks to the Massillon Amateur Radio Club for providing communications for this worthwhile event! See MARC website for complete Story!

PROPAGATION NEWS

ZCZC AP43

QST de W1AW

Propagation Forecast Bulletin 43 ARLP043

From Tad Cook, K7VVV

Seattle, WA October 27, 2000

To all radio amateurs

SB PROP ARL ARLP043

ARLP043 Propagation de K7VVV

Average solar flux for the past week was exactly the same as the previous week. It was 160.9 for the past week, and 160.2 for the week previous. Average sunspot numbers dropped about ten points.

Solar flux is rising, and is expected to peak on November 2 around 190. But the main interest among many radio amateurs is the forecast for this weekend, when the CQ Worldwide DX Phone Contest commences. Unfortunately, on October 25 a full halo coronal mass ejection was detected blasting away from the sun, and effects may be felt this weekend. The predicted planetary A index for Friday through Monday is 10, 15, 15 and 12. This does not signal terrible conditions, but the outlook for Saturday and Sunday is for unsettled to active geomagnetic conditions.

Solar flux for the same four days is predicted at 175, 175, 180 and 180. After the November 2 peak in activity, solar flux is expected to bottom out around 155 on November 6 or 7.

For this weekend, we are offering three path projections, which are generalized from the East Coast, central and West Coast of the United States. The target areas are simplified to Germany, Brazil, Australia and Japan. The projections are restricted to the five HF bands on which the contest operates.

>From the East Coast to Germany, 80 meters 2100-0800z (best 0030-0530z), 40 meters 1930-0930z (best 2230-0600z), 20 meters 1200-0000z, 15 meters 1300-1930z, 10 meters 1500-1730z. To Brazil, 80 meters 2230-0930z (best 0100-0830z), 40 meters 2200-1000z (best 2300-0900z), 20 meters open all hours, best 2230-0900z, worst 1400-1800z, 15 meters 1200-0000z (stronger toward the end of the period), 10 meters 1230-2200z. To Australia, 80 meters 0900-1200z, 40 meters 0830-1300z, 20 meters 1230-1430z, 15 meters 1400-1600z and around 1900z, 10 meters possibly 2130-2300z. To Japan, 80 meters 0700-1230z (best 0830-1100z), 40 meters 0600-1400z (best 0830-1130z), 20 meters open most hours of the day, strongest 0630-0930z, 1330-1600z and 2030-0100z, weakest 0400-0500z and 1100-1200z, 15 meters 2100-2300z, 10 meters possibly around 2130z.

>From the center of the continental U.S.A. (somewhere in Kansas), to Germany, 80 meters 2300-0730z (best 0030-0600z), 40 meters 2130-0830z (best 2330-0530z), 20 meters 1300-2030z, 15 meters 1500-1830z, 10 meters possibly around 1630z. To Brazil, 80 meters 2330-0930z (best 0130-0830z), 40 meters 2300-1000z (best

0000-0830z), 20 meters 2030-0830z, 15 meters 1330-0030z, 10 meters 1430-2200z. To Australia, 80 meters 0900-1330z, 40 meters 0900-1430z, 20 meters 0700-1600z (best 1330-1500z), 15 meters 1500-1600z, 10 meters possibly 2230-0030z. To Japan, 80 meters 0700-1400z, (best 1030-1200z), 40 meters 0630-1500z (best 0830-1300z), 20 meters 1430-1730z and 1930-0300z, 15 meters 2100-0130z, 10 meters 2200-2330z.

>From the West Coast to Germany, 80 meters 0030-0800z, 40 meters 2330-0930z (best 0200-0530z), 20 meters 1430-2000z, 15 meters 1600-1830z, 10 meters possibly around 1700z. To Brazil, 80 meters 0100-0930z, 40 meters 0000-1000z, 20 meters 2230-1130z (best 0130-0900z), 15 meters 1400-0230z (best later in the period), 10 meters 1500-0100z. To Australia, 80 meters 0830-1500z, 40 meters 0830-1530z, 20 meters 0700-1700z, 15 meters 1930-2030z and 0300-0500z, 10 meters 2200-0330z. To Japan, 80 meters 0730-1530z (best 0900-1430z), 40 meters 0630-1600z, 20 meters 1430-1830z and 0200-0600z, 15 meters 2100-0330z, 10 meters 2200-0100z.

Sunspot numbers for October 19 through 25 were 128, 144, 166, 117, 143, 99 and 112 with a mean of 129.9. 10.7 cm flux was 157.8, 160.7, 158, 160.2, 166.5, 159.2 and 164, with a mean of 160.9, and estimated planetary A indices were 9, 4, 4, 13, 15, 11 and 8 with a mean of 9.1.

NNNN

ARLD044 DX news

ZCZC AE44

QST de W1AW

DX Bulletin 44 ARLD044

From ARRL Headquarters

Newington CT October 26, 2000

To all radio amateurs

SB DX ARL ARLD044

ARLD044 DX news

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

UNITED ARAB EMIRATES, A6. Frank is QRV as A61AJ and has been found on 7047 kHz around 2000z. QSL via W3UR.

ERITREA, E3. E30TA has been QRV on 17 meters using SSB around 2300 to 0100z. QSL via DL5NAM.

CANARY ISLANDS, EA8. Look for Pekka, OH1RY, to be active from the EA8AH/EA8BH contest station during the CQ WW Phone Contest. QSL via operator instructions.

MOLDOVA, ER. Slawa, ER1LW, will be QRV as ER6A in the CQ WW Phone Contest. QSL to home call.

SCOTLAND, GM. The North of Scotland Contest Group will be QRV as GZ7V during the CQ WW Phone Contest. QSL via operator's instructions.

LIECHTENSTEIN, HB0. A group of HA ops will be active from November 1 to 8 and will be QRV in the HA-QRP Contest. Look for Laci, HA6NL, Zsolt, HA6PS, Csaba, HA6PX and Tibor, HA6ZV to be QRV as HB0/homecalls. Activity is on all bands using CW and SSB. During the QRP contest, they will be active as HB0/HA5RT/p. QSL contest call via HA5RT and all others via home calls.

SOUTH SHETLAND ISLANDS. HF0POL has been QRV on 21015 kHz around 0015z. QSL via SP3WVL.

KINGMAN REEF, KH5K. K5K is QRV on all bands with 6 stations. Activity includes RTTY. QSL via K4TSJ.

ALAND ISLAND, OH0. Jukka, OH6LI, will be active as OH0V on 10 meters in both the CW and SSB CQ WW Contests. QSL to home call.

GREECE, SV. Wolff, DJ5JH, will be QRV as J43J during the CQ WW Phone Contest. QSL to home call.

TUVALU, T2. Tusti, T2DX, is now active and has been QRV on 20, 15 and 10 meters using SSB and RTTY. QSL via W4WET.

UZBEKISTAN, UJ. Fedor, UK9AA, will use UK0A during the CW WW Phone Contest and will be QRV on all bands. QSL to home call.

AUSTRALIA, VK. Members of the Manly-Warringah Radio Society will be QRV as AX2GAMES during the Paralympics from October 28 to 29. Activity will be mostly on 20, 15 and 10 meters. QSL via VK2PS.

LORD HOWE ISLAND, VK9L. Look for VK9LEH to be QRV from October 31 to November 6. Activity will be on 20, 15 and 10 meters CW, and possibly the newer bands. QSL via AA4EH.

MEXICO, XE. Doug, W0AH, will be QRV as XE3/W0AH as a Single Op/All Band entry using QRP in the CQ WW Phone Contest. QSL via W2GR.

CAMBODIA, XU. Hiroo is QRV as XU7ABF and has been found on 30 meters from 2100 to 2200z. QSL via XW2A.

GIBRALTAR, ZB. W6NV and K6IW will be QRV as ZB2X during the CQ WW Phone Contest as a Multi/Single entry. QSL via operator's instructions.

THIS WEEKEND ON THE RADIO. The CQ WW DX Phone Contest and the Ten-Ten International Net Fall CW QSO Party will keep contesters busy this weekend. Please see October QST, page 101 for details.

NNNN

EXCERPTS FROM THE ARRL LETTER

The ARRL Letter

Vol. 19, No. 41

October 27, 2000

==>COMING SOON: FIRST HAM OPERATION FROM ISS

Amateur Radio is poised to mark an historic milestone. Operation from Amateur Radio's first permanent foothold in space is expected to debut soon after the all-ham Expedition 1 crew arrives November 2 aboard the International Space Station. The ISS crew could be on the air by mid-November.

The Amateur Radio on the International Space Station—or ARISS—initial station gear already is aboard the ISS awaiting the arrival of Expedition 1 Commander and US astronaut Bill Shepherd, KD5GSL, and Russian Cosmonauts Sergei Krikalev, U5MIR, and Yuri Gidzenko. The equipment includes VHF and UHF handheld transceivers as well as a TNC for packet, a specially developed headset and signal adapter module plus power adapters and interconnecting cables.

The Expedition 1 crew is set to blast off October 31 aboard a Russian Soyuz rocket from the Baikonur Cosmodrome in Kazakhstan and will arrive aboard the ISS a couple of days later. Once on board, the crew will begin a four-month stay aboard the ISS—the first permanent occupancy of the international complex.

Two US call signs have been issued for Amateur Radio operations as part of the Amateur Radio on the International Space Station program. The FCC granted vanity call signs NA1SS and NN1SS to the International Space Station Amateur Radio Club on October 11. The NA1SS call sign will be used on board the ISS, while NN1SS will be for ground-based ISS communications from Goddard Space Flight Center in Maryland. A Russian call sign, RZ3DZR, and a German call sign, DL0ISS, also have been issued for use aboard the ISS.

The initial station gear will be installed temporarily in the Zarya Functional Cargo Block of the ISS and will permit operation only on 2 meters—FM voice and packet. Tentative operating frequencies are: Worldwide downlink for voice and packet, 145.80 MHz; worldwide packet uplink, 145.99 MHz; Region 1 (Europe) voice uplink: 145.20 MHz; Region 2 & 3 voice uplink, 144.49 MHz. Yet to be determined is the ARISS operating schedule, which will depend on the crew schedule. The ARISS Team anticipates multi-band, multimode operations with the crew and regularly scheduled school group contacts.

For more information about Amateur Radio on the ISS and SAREX, visit the ARISS Web site, <http://ariss.gsfc.nasa.gov/>.

==>GOLDWATER K7UGA CALL SIGN RE-ISSUED

The famous K7UGA call sign formerly held by the late US Sen Barry Goldwater (cont. next page)

has been re-issued to his club, the Central Arizona DX Association. The FCC granted CADXA's request for K7UGA on October 24.

The call sign came up for grabs this fall after the mandatory two-year waiting period following the cancellation of Goldwater's amateur license ended. Goldwater died May 29, 1998. CADXA President Gary Capek, K8BN, says the club, which traded its N7KJ club station call sign for K7UGA, plans to keep the call sign active.

Goldwater's family has donated his amateur equipment, memorabilia and furnishings to the Arizona Historical Society's museum in Tempe. Capek says he's met with representatives of the museum—which plans to reconstruct Goldwater's ham shack as an exhibit—and says CADXA will cooperate in making the call sign available for special events at the museum.

The Goldwater ham shack exhibit still is in the planning stages, and the museum has been soliciting donations from the amateur community to construct the exhibit.

"I have agreed to work with them when they begin to install the old Goldwater shack items in the next year," Capek said.

The K7UGA station equipment and console were removed last May from the Goldwater home in Paradise Valley, Arizona, which has been sold. Goldwater's station and massive antenna system were used to complete thousands of phone patch messages for troops during the Vietnam War.

==>FCC TO MONITOR AUCTION SITE FOR ILLEGAL ITEMS

The FCC says it has reached an agreement with the eBay auction site that's aimed at curtailing the sale of clearly illegal radio equipment.

FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth says eBay has agreed to cooperate in removing advertisements in which the item for sale "is clearly non-certified" under FCC rules. Hollingsworth said most of the equipment involved falls into the CB category, including illegal amplifiers.

Hollingsworth agreed to publicize the initiative at the urging of the ARRL Regulatory Information Branch's John Hennessee, N1KB. "I've got a whole folder of people who have been complaining about this and will be delighted to know that the Commission is taking action," Hennessee said.

Hollingsworth said a review team within the Technical and Public Safety Division of the FCC Enforcement Bureau is screening eBay ads each week. He said the practice could be extended to other auction sites if the FCC learns of similar problems.

Hollingsworth credits complaints from the Amateur Radio community with getting the new system in place. "I've been collecting complaints for a year, but the amateur community really generated it," he said. Hollingsworth says he sees about 10 complaints a week about auction site radio gear advertisements—sometimes several about the same ad. He cautions that complaints should be based on clear-cut FCC rules violations, such as attempts to sell illegal linear amplifiers.

Amateurs can send items to fccham@fcc.gov, Hollingsworth said.

==>CHANGES, CHALLENGES LOOM AS 2000-2001 CONTEST SEASON NEARS

As the "contest season" approaches, ARRL Contest Branch Manager Dan Henderson, N1ND, is reminding ARRL contest participants of changes that become effective this year. His department also is gearing up to face the challenges that lie ahead as the Contest Branch starts implementing new log-handling methods.

Starting November 1, 2000, the ARRL standard file format for electronic submissions will be the Cabrillo format. ARRL November Sweepstakes will be the first operating event to fall under the new electronic logging standard. The CW weekend is November 4-6 and the SSB weekend is November 18-20 this year. (Rules appear in October QST, page 102.)

Henderson also reminds contest participants that with the addition of West Central Florida this past January there now are 80 ARRL/RAC sections.

First announced more than a year ago, the Cabrillo format will result in electronic logs that adhere to a uniform standard that allows them to be processed more expediently. Henderson says the change to the new format will mean the Contest Branch can post the list of "Logs Received" for a given contest much sooner—once the non-electronic logs have been processed into the database. "The Cabrillo format will allow us to verify entries and initialize the database more efficiently, with fewer data entry errors," Henderson said.

Cabrillo—pronounced kuh-BREE-oh—is not a program but an electronic file format that specifies what information is contained in certain fields in the file document. Henderson says major contest logging software programs have incorporated the Cabrillo format into their products. "If you're using a current version of one of those programs, you should have the ability to generate the Cabrillo file already," he said.

Details on the format appear in the "General Rules for all ARRL Contests" in the November 2000 issue of QST. Additional information is available at <http://www.kkn.net/~trey/cabrillo/>.

Faced with more 18,000 contest entries during the 1999-2000 contest season, Henderson says his department's biggest task is routine data entry. "Right now data must be entered by hand—a very time-consuming process," he said. Contest Branch staffers estimate that approximately one out of every five contest entries—electronic and paper—arrives incorrect or incomplete.

"The most common error is omitting required information that allow staff to properly code the entry, such as not listing a valid entry category, not listing power level, giving a state of residence or ARRL division instead of ARRL section for location," Henderson said.

Henderson hopes to use computer automation to reduce the time needed to score submitted contest logs. For example, to cut the time needed for initial data entry, the Contest Branch is developing a "robot reader" that will take information from the Cabrillo format header and initialize that entry into the database.

For more information, contact ARRL Contest Branch Manager Dan Henderson, N1ND, 860-594-0232 or n1nd@arrl.org or c/o ARRL, 225 Main St, Newington CT 06111.

==>THAT'S MY GIRL, MY WHOLE WORLD, BUT THAT
AIN'T MY CALL SIGN

The call sign server on QRZ.com—the Ham Radio SuperSite—burped on a bad call sign update file from the FCC October 24. As a result, call sign and licensee data often did not jibe.

Although requests for W1AW and K1ZZ returned the correct information, entering the call sign of ARRL Field & Educational Services Manager Rosalie White, K1STO, for example, yielded another White altogether—and his name is Daryl who lives in Alabama (actually KD4OOA). The QRZ.com database showed that the call sign of ARRL Senior News Editor Rick Lindquist, N1RL, was assigned to a fellow named Aaron in Kentucky whose Novice license already had expired.

For the unsuspecting, it was an early Halloween scare. “We had an ARRL member call in a state of panic because he thought his call had been mistakenly issued to someone else,” said ARRL Lab Test Engineer Michael Tracy, KC1SX.

QRZ.com's Fred Lloyd, AA7BQ, said October 25 in an announcement on the site that the FCC database update his call sign server used “was totally scrambled and as a result some 140,000 call signs on the QRZ database were incorrectly modified.” Once made aware of the problem, QRZ.com was able to restore its call sign database using a backup file. “In the meantime, however, we're not loading anything else from the FCC until they can explain what happened,” Lloyd said. Spot checks of several other Web call sign servers turned up no problems.

ARRL-VEC Manager Bart Jahnke, W9JJ, said the FCC posted a full update file Tuesday morning that included October 23 transactions. The corrupted file, supposedly a daily update file with FCC transactions for Monday, October 23, was posted about an hour later. Jahnke said the ARRL call sign server ignored the second file because the system is programmed to first check to see that the file actually represents an update from the current file. Daily and weekend FCC updates and public data downloads had not run from last Thursday until Monday while the FCC Wireless Telecommunications Bureau deployed the second phase of the Universal Licensing System for Land Mobile Radio Services.

The ARRL Letter is published Fridays, 50 times each year, by the American Radio Relay League—The National Association For Amateur Radio—225 Main St, Newington, CT 06111; tel 860-594-0200; fax 860-594-0259; <http://www.arrl.org>. Jim Haynie, W5JBP, President

MARC CLUB NEWS

WEST STARK INFO NET

This is about West Stark Information Net and if the club would like to continue with the net.

We need to have help from the club with net controls or I feel we will no longer try to have the net on the air.

Below I written the basic preamble for the net control ops if we continue.

West Satrk Information Net Preamble

To all stations listening this is the West Stark information Net. This net is held the 2 nd and last friday of each month at 8 pm local time unless change of date or time is given.

This net is open to all amateur operators and you do not have to be a member of any group or club to participate in this net.

The net is sponsored by the Massillon Amateur Radio Club, Massillon, Ohio.

The net operates on the Massillon ARC repeater on the frequency of 147.18 mhz. callsign W8NP.

The net control operator for this net is _____ (callsign) and my name is _____.

We will now take Check ins. Call _____ with your first name, callsign, and if you have traffic for the net.

If the net should continue I listed below some of the way to have information for the net.

To all future net ops. You can gather news from online or newsletters from club meetings or anything pertaining to our local area such as weather, club news & events (hamfests) etc.

This net has been going on for the most of 3 yrs.

Thanks, Don W8DEA

MARC PROGRAM FOR NOVEMBER

The program for the month of November will be a demonstration of ATV. Don, W8DEF our VP will demonstrate the finer points of operating ATV. Bruce AB8FB has also been experimenting with ATV and will no doubt assist Don in the presentation. Since they have been in this area of Amateur Radio, several other club members have shown interest in this subject. So it looks like we will have a first rate demo on Friday November 3, 2000. Be sure to mark your calendar and attend the next meeting. This is sure to be a crowd pleaser!

MARC PICTURE PAGE SCRAPBOOK



MARC Safety Break; W8DEF serving customers



Boy I sure hope Linda doesn't see me sneak this doughnut !



The E-COM Trailer set up in front of the Church for the C.R.O.P. walk.



W8DEF, helping out at one of the rest areas. Another doughnut Don?



Don W8DEA discusses strategy with Bruce AB8FB in front of the E-COM trailer.



Parting shot. Here is the gang after another successful Public Service Event in front of the Brewster United Methodist Church. Thanks guys !

November 2000

Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																								
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