

FEEDBACK



JULY 2000

VOLUME 45 NUMBER 7



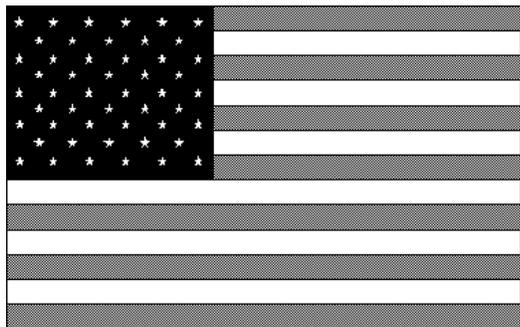
JULY MEETING NOTICE

- SHORT SKIP -

The meeting for the month of July will be held at the Massillon Senior Center in downtown Massillon Ohio on July 7th at 8:00 PM. This month we will meet on the first floor. Last month as you recall we meet on the second floor as the first floor was being renovated. There is a new coat of varnish on it and it looks like new.

At this meeting you can bet the subject will be Field Day. This year's Field Day was held at Petro's Park in Perry Township. We have been holding it there for the past several years. We will not publish a score in this month's Feedback as this article is written about two weeks before Field Day. We will give the full disclosures next month. The final score and the entire recap will be ready for next month's Feedback, including pictures. I hope!

The program for this month will be good ole' eyeball QSO's. Maybe Don will have a video for us to watch, but as of this writing he has not decided what it will be. So plenty of "Quality" time will be spent with your fellow hams, reliving this year's Field Day! I can't wait to include some of mine also! See ya at the meeting!



Think'n about buy'n a new receiver? WAIT. Icom has an all new cutting edge technology wide band, all mode hand held scanning SWL receiver in the works. Frequency coverage will be .495 thru 2.5 GHz. The LCD display will double as a TV screen. Watch for their IC-R3 - soon I hope.

An amateur radio repeater on the moon? Stay tuned.... And remember Bunky, ya read it here first, in the world's best amateur radio publication, The M. A. R. C. Feedback!

73 DE WB80WM

HAVE A SAFE AND HAPPY 4th OF JULY!



June 2,2000 MARC MINUTES

The June meeting was held at the Senior Center with 31 members and guests present. The meeting was called to order by Perry W8AU at 8:10 P.M. The Pledge of Allegiance was given and a round of introductions was made.

Treasurer Anne N8GAF gave the financial report. She asked for motion to accept it and Dennis N8UDL second it.

Minutes of the May meeting must have been overlooked so we will have them along with our June meeting minutes at our July 7th meeting.

Anne N8GAF gave account of the Safety Break. It was very successful and we have some supplies left over for our next Safety Break.

Don W8DEF gave report on upcoming hamfest dates. He still has copies of antennas from the fox hunting , anyone wanting one can contact him. The ARRL letter wasn't here for our meeting, they are on vacation. He brought pictures from the movie "Frequency" that W8NP promoted last month, Those who were there were treated well by "Movies 10". They received free refreshments,poster, cap, and a flashlight.

Perry W8AU gave summary of the Dayton Hamvention.

OLD BUSINESS

The automatic tuner was purchased and installed, it is ready for Field Day.

Dan N8DZM gave report on purchasing new computer for the shack. He has installed it and will be putting Packet and other "ham" related programs in later when available.

NEW BUSINESS

Stan WA8NZE made comments on how well the shack has looked lately.

Perry W8AU told of how we must notify QST, CQ, World Radio, and etc. of our Hamfest-Auction date now to be published in their magazines later.

W8NP Club had borrowed 6 meter radio from Jim WA8GXM 2 years ago. Motion was made by Tim WB8HHP and second by Bruce AB8FB to purchase it. Was voted on and passed. The club now owns the Midland 6 meter. Terry N8ATZ reminded everyone that when the trailer was bought we wanted to equip it to cover as many bands as possible.

Perry W8AU said he will submit application for our next Safety Break, it will sometime in the next 3 months. Everyone would like more notice when we are to have one.

Hamfest-Auction prizes were discussed. Terry N8ATZ told Dan N8DZM we need more flyers to take to other hamfests .

Field Day menu was discussed by Dan N8DZM. He will be roasting a pig,we are to bring covered dishes. Talked of how we hope to make many contacts on Field Day.

Terry N8ATZ made a motion for a donation of no more than \$50.00 be sent to web-site W8NP uses , John K8LBZ second it. It was voted on and passed.

Perry W8AU played a comedy spotter recording for a few laughs,then closed the meeting at 9:10 P.M.

We had refreshments,then Don W8DEF showed video of a Field Day tape.

50-50 for \$13.50 was won by Pete WD8PTW.

Minutes by Linda K8MOO Secretary MARC

.... CALLING ALL MEMBERS !!!

Where have all the members gone ? I recently received an updated list from Denny of the current 2000 club roster. It contains only 69 names ! Last year the roster was 114 strong. Thats a decline of 45 members or a 60 percent drop in membership ! Where are you ? Did we do something to make you decide not to renew your membership ? If so I hope that we can fix it. Members are the heart and soul of any club and ours just isn't complete without you. I hope that it was something in particular that made you not renew, I hope you just didn't decide it wasn't worth the ten dollar cost of membership or even worse, have you decided not to bother ? I hope not, the club has been very active this year. A number of dynamite programs, other activities, our terrific newsletter, public service events, the new website. I could go on an on but you know what I'm talking about. Even with all this, the club is still missing something and I just figured it out.... IT'S YOU !!!!! The sad part is that those of you who are reading this already know what I'm talking about. You have already renewed your membership and are enjoying your membership with us. But how do I reach the ones that didn't renew ? I have an idea, if you check out the website roster and realize a buddy's name is missing why not give them a call and ask them to reconsider and rejoin one of the finest radio club's anywhere.

.... PSK31

PSK 31 Is it the code name for a new Intel microprocessor ? Nope, its the name given to a new digital form of communication that's taken off like a Saturn 5 rocket on the amateur bands. PSK 31, first lets dissect the name. The "PSK" stands for Phase Shift Keying, the modulating method that is used to generate the signal; "31" is the bit rate. This new mode is the brainchild of Peter Martinez - G3PLX who was also the father of Amtor.

It stayed in relative obscurity until just recently when Peter blew the doors wide open by creating a Windows version of PSK31 that did all of its DSP magic using an ordinary 16 bit PC soundcard. An then Peter placed this software on the world wide web for free distribution that really created interest fast. That was about two years ago and since then it has been exploding on the bands. A number of amateur magazines have devoted several "how-to" articles on the topic, there are several websites containing a wealth of free information on the mode and even a PSK31 mail list !. Best of all is that the only things you need to get started in this new mode are 1 computer 486 or better with a 16 bit soundcard, 1 HF transceiver and lets see — that's it !.

I know there are those among you who cringe at the thought of a combination of computer and transceiver to create a new mode of communication but try telling that to Kachina and Ten-Tec. I'm an old RTTY fan having run the mode nearly 15 years ago using an old model 28 teletype machine so this new mode was a natural upgrade for me. Actually I have to thank my friend Jerry - KF8EB for bringing it to my attention in a recent QST article. One Saturday evening I decided to give it a try. In less than an hour I had down-

loaded software and made the necessary computer to rig connections. I even found a website that gives exact wiring configurations for almost every amateur transceiver on the market. So far I have made about 20 contacts with several good DX qso's. Most activity is centered on 20 meters around 14.070 with plenty of stations on all the time. I hope to set the club station up on this mode taking advantage of our new shack computer. Who knows maybe it will make a good club program sometime. More on my psk31 adventures next time.

.... KUDOS TO LOCAL CONTESTERS !

Congratulations to the following contesters who achieved honorable mention in the following ham magazines.

The May issue of CQ reported on the results of the 1999 CQ WW WPX CW Contest. CARC member Roger Grey - W8VE scored well with 146,740 points representing 335 contacts and 230 prefixes. Several local callsigns also showed up in the 1999 ARRL Sweepstakes CW results column. Roger - W8VE was again active on the bands logging 24 hours of operation he achieved a score of 32,736 points on 248 contacts. Our own Byron - KF8UN also reported a respectable score during CW Sweepstakes working a total of 23 hours and scoring 19,256 points on 166 contacts.

The July issue of QST lists the results of last years ARRL November Sweepstakes Phone results and four callsigns bear honorable mention. Roger - W8VE was again busy earning 18,972 points on 153 contacts. Mike Woloszyn - WD8BMP was busy working 24 hours and achieving 58,930 points on 415 contacts. John Schafner - K8LN showed up with a score of 44,784 points on 311 contacts.

Saving the best for last our own club call W8NP was active and is listed with a score of 47,586 points on 309 contacts. Operated as a Multi-Op station, it was manned by Gary - KC8IHR, Byron - KF8UN and Richard - KC8LYG.

Congratulations everyone for a terrific job. Now all we need to do is entice a couple of them to come out next Field Day !

.... COMPUTER SHOW TIME AGAIN

The Peter Trapp Computer Shows are in town again. Saturday, July 15th at the Cuyahoga County Fairgrounds in Berea, Ohio. On Sunday, July 16th they will be at the Tadmor Shrine Temple in Akron, Ohio. Admission is \$ 6.00 and times are 10:00 AM till 3 PM. Full details and directions are available on their website at <http://www.petertrapp.com>.

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

Terry, N8ATZ

IN MEMORIAM

ROBERT E. WERSTLER N8VXU

Mr. Robert E. Werstler N8VXU age 75 years passed away on May 28, 2000. Mr. Werstler was born in Middlebranch Ohio, February 12, 1925. He had worked for Shumaker Lumber and was retired from Aultman Hospital where he worked as a boiler operator.. Bob was a member of both the Canton and Massillon Amateur Radio Clubs. He was a World War II veteran and served with the U.S. Army Medical Corps.

Survivors include his wife Olive Werstler; Perry and Betty Joe Werstler (N8VXQ, and KB8UBV) ; daughter and her fiance, Beverly Ann Werstler and Jim Krantz of Canton; three grandchildren Perry Jr; Jeremiah and Patrick Werstler; and one brother, Leroy Werstler of Mogadore.

Funeral Services were held at the Reed Funeral Home on Thursday, June 1, 2000. He was laid to rest in East Nimishillen Church Cemetery.

Memorials may be made to the Aultman Hospital Nursery, 2600 - 6th St. SW , Canton , Ohio 44710 or to the First Church of the Brethren, 1135 Hoover Place N.W. Canton, Ohio 44703.

Our sincere condolences goes to the entire Family, especially to Perry and Betty Werstler. Perry was a past Vice President and President of Massillon Amateur Radio Club. We share in their loss. Perry and Betty lost a Father, and Father -in - Law ; we lost a very good friend.



HISTORIC MORSE CODE RADIO STATION RETURNS TO THE AIR

Former "Wireless Giant of the Pacific" Will Once Again Be Heard

22 JUNE 2000 - The former Marconi and RCA Morse code radio station KPH will make a commemorative broadcast on Wednesday, 12 July, the first anniversary of the last commercial Morse code transmission in North America.

KPH began life at the dawn of radio. Its first home was the Palace Hotel in San Francisco, from which it derived its first call letters, PH. When the Palace Hotel was destroyed in the 1906 earthquake and fire the station moved to several different locations, eventually finding a permanent home on the mesa west of the small California town of Bolinas. Along the way federal regulators added the K prefix to the original PH, creating KPH, one of the most famous radio call signs in the world.

Radio operators ashore and afloat came to regard KPH as "the wireless giant of the Pacific". Only the best operators worked at KPH. They were there 24 hours a day, ready to help with everything from the mundane messages of maritime commerce to urgent requests for assistance from ships in distress. The KPH signal literally spanned the globe. Radio operators on ships in the far corners of the world were comforted by the steady signal of KPH in their earphones.

As technology progressed the end of Morse code was predicted many times. But KPH soldiered on providing good, reliable service to the maritime community. The end came at Bolinas in 1997 when Globe Wireless purchased the license and the big transmitters were finally shut down. On July 12, 1999 Globe Wireless sent the last commercial messages in Morse code from KFS, their master station near Half Moon Bay. It was the last time the famous call KPH would be heard on the air - or so it was thought.

Today the former KPH facilities are part of the Point Reyes National Seashore which has a strong interest in the important role the station played in the history of radio communications. The Maritime Radio Historical Society has been working with the Point Reyes National Seashore to preserve and restore KPH with the goal of eventually creating a museum dedicated to this great station that was once heard throughout the world.

On 12 July KPH will return to the air from its original location, using its original equipment and its original frequencies - generously made available by Globe Wireless, the current owner of the KPH license and operator of the equally famous KFS from which the last commercial Morse message was sent.

Veteran operators, radio engineers and those with an interest in radio history will gather at the Bolinas transmitter building to watch the station come on the air one year and one minute after the last Morse transmission from Half Moon Bay. Commemorative messages will be sent by hand by the operators who once stood watch at the station. And then they will listen for any calls from the few remaining ships at sea with Morse capability.

While this event does not signal the return of KPH to commercial Morse service we intend it to acknowledge and honor all the radio operators who have "worn the earphones" and played a role in the history of maritime radio.

The station will operate on 4247.0, 6477.5 and 13002.0Kc on shortwave and 500/426Kc. on medium wave. If additional frequencies become available by 12 July these will be announced in the commemorative broadcast.

WORTH PASSING ON

Boy how things have changed ! "I was talking to my Dad about current events the other night. I asked him what he thought about the shootings at schools, our immoral President, the computer age and just things in general."

He replied: "Gee, let me think a minute.... I was born before television, penicillin, polio shots, frozen foods Xerox, contact lenses, Frisbees and the Pill. There weren't things like radar, credit cards, laser beams or ballpoint pens. Man had not invented pantyhose, dishwashers, clothes dryers, electric blankets, air conditioners and he hadn't walked on the moon. Your Mom and I got married first then lived together.

Every family had a father and a mother, and every kid over 14 had a rifle that his dad taught him how to use and respect. Until I was 25, I called every man older than me 'sir' and after I turned 25, I still called policemen and every man with a title 'sir'. "In our time, closets were for clothes, not for 'coming out of.' Sunday's were set aside for going to church as a family, helping those in need, and just visiting with your neighbors. We were before gay-rights, computer dating, dual careers, day-care centers, and group therapy. "Our lives were governed by the Ten Commandments, good judgment and common sense. We were taught to know the difference between right and wrong, and to stand up and take responsibility for your actions.

Serving your country was a privilege, living here was a bigger privilege. "We thought fast food was what you ate during Lent. Having a meaningful relationship meant getting along with your cousins. Draft dodgers were people who closed their front doors when the evening breeze started.

And time-sharing meant time the family spent together in the evenings and weekends-not condominiums. "We never heard of FM radio, tape decks, CD's, electric typewriters, artificial hearts, word processors, yogurt or guys wearing ear rings. We listened to the 'big bands', Jack Benny and the President's speeches on the radio. I don't ever remember any kid blowing his brains out listening to Tommy Dorsey. "If you saw anything with 'Made in Japan' on it, it was junk. The term 'making out' referred to how you did on your school exam. Pizza's, McDonalds and instant coffee were unheard of. We had 5 and 10-cent stores where you could actually buy things for 5 and 10 cents. Ice cream cones, phone calls, rides on a street car, and a Pepsi were all a nickel .

And if you didn't want to 'splurge', you could spend your nickel on enough stamps to mail a letter and two postcards. You could buy a new Chevy Coupe for \$ 600, but who could afford one. Too bad, because gas was 11 cents a gallon.

"In my day 'grass' was mowed, 'coke' was a cold drink, 'pot' was something your mother cooked in, and 'rock music' was your grandmother's lullaby.

Aids' were helpers in the Principal's office, a 'chip' meant a piece of wood, 'hardware' was found in a hardware store and software wasn't even a word." "We were not before the difference between the sexes was discovered, but we were surely before the sex change, 'Billy' having two momies, and pornography in a family home and at newsstands. And we were the last generation that was so dumb as to think you needed a husband to have a baby.

No wonder people today call us old and confused, and there is such a generation gap. And I'm only 53!!!" ... did you dig that son ? 0

(from the *Collector & Emitter*, Central Oklahoma Radio Amateurs Publications; June, 2000 Issue 304. Author unknown. thanks to Kip, K8KIP for "passing on" this article)

ARRL NEWS

PROPAGATION NEWS

ZCZC AP26

QST de W1AW

Propagation Forecast Bulletin 26 ARLP026

From Tad Cook, K7VVV

Seattle, WA June 30, 2000

To all radio amateurs

Solar flux and sunspot numbers were down this week, with average solar flux off over 14 points and average sunspot numbers down by over 46 points compared to the previous week. Conditions over Field Day weekend were not bad, with Planetary A indices of 17 and 8 for Saturday and Sunday and middle-latitude A indices of 10 and 11 for the same days. The predicted planetary A indices from last week's bulletin ARLP025 were 15 and 20 for the weekend.

N5LYG and KK5CA wrote about six meter conditions from their Field Day site in Southeast Texas from grid EM20. They used a modest setup with a 3 element beam at 20 feet, and worked 343 stations on six meter SSB. The furthest stations worked were in New York and Pennsylvania to the east and Idaho to the northwest. They had many contacts in Indiana and Illinois, but found it odd that not one California station was heard. They only worked 130 stations on 40 meters using a delta loop at 50 feet, and their group felt that 40 meter conditions were terrible. From the author's location in Seattle, 40 sounded good for the domestic contacts that are the goal in Field Day, but 6 meters was not monitored here.

K9LA wrote recently with a comment about computer programs that predict shortwave propagation based upon solar indices. He reminds us that these programs are based on models that use monthly mean ionospheric parameters and smoothed sunspot numbers for the month,

not daily solar flux values. He said that the daily state of the ionosphere does not track daily solar flux very well. He feels that it is best to use recent average sunspot numbers instead of the predicted solar flux for the next few days to predict conditions for the immediate future.

Speaking of the immediate future, the predicted solar flux for Friday through Tuesday is 165, 165, 170, 175 and 180, and planetary A index for those days is forecast to be 8, 8, 12, 10 and 8. Last week's bulletin ARLP025 stated that solar flux should begin rising around July 1, and this still looks to be the case. Current projections show solar flux peaking around 200 from July 10-13. Unsettled to active geomagnetic conditions are expected around July 11-12.

Sunspot numbers for June 22 through 28 were 187, 182, 190, 177, 180, 206 and 166 with a mean of 184. 10.7 cm flux was 179.7, 175.2, 168.3, 175.1, 177.4, 178.6 and 175.3, with a mean of 175.7, and estimated planetary A indices were 8, 23, 17, 8, 33, 18 and 14, with a mean of 17.3.

NNNN

DX NEWS

ZCZC AE26

QST de W1AW

DX Bulletin 26 ARLD026

From ARRL Headquarters

Newington CT June 22, 2000

To all radio amateurs

This week's bulletin was made possible with information provided by Tedd, KB8NW, the OPDX Bulletin, The Daily DX, DXNL, The 599Rpt and Contest Corral from QST. Thanks to all.

SWAZILAND, 3DA0. Elizabeth, KA2UCA, is joining her father Frosty, K5LBU, in Swaziland. She will be QRV as 3DA0EW as Frosty as 3DA0CF. QSL both calls via K5LBU.

REPUBLIC OF GEORGIA, 4L. Mero, 4L4MM, has been working US stations on 17 meters. QSL via ON4CFI.

UNITED ARAB EMIRATES, A6. Jamal, A61AO, has been QRV on 15 meters SSB from 0130 to 0300z looking for US stations. QSL via N1DG.

ANGOLA, D2. Gabriel, D3SAF, has been QRV on 10 meters between 1300 and 1500z. QSL via I3LLH.

TURKMENISTAN, EZ. Gene, EZ8BO, can be found on 17 and 15 meters CW between 1900 and 2100z.

NEW CALEDONIA, FK. Nine operators from the Japan News Network will be QRV as TX8JNN from June 29 to July 5. Activity will be on 160 to 6 meters using CW, SSB, RTTY and PSK31. Some AO-10 activity is also expected. QSL via JA1EOD.

SVALBARD, JW. Tom, LA4LN, will be QRV as JW4LN from June 28 to July 11, mostly during his evenings, using CW on 40, 30 and 20 meters. QSL to home call.

MARIANA ISLANDS, KH0. JA3HD, JA3APU, JH3FFJ, JA3HD and JA3AER will sign KH0/homecalls from June 23 to 26. QSL to home calls.

LEBANON, OD. Jean Paul, F6FYA, is QRV as OD5/F5SQM. He will be here for another 3 months. QSL to home call.

BANGLADESH, S2. Shin, S21YI, is usually QRV on 15 meters around 1820z and on 20 meters around 1900z. QSL via 7M4PTD.

SUDAN, ST. Jeff, 5B4YY, is licensed as ST0P. His activity begins after 1700z, and can be found on 40, 20, 15 and 10 meters using only SSB and PSK31. He is here until August. QSL to home call.

GABON, TR. Jean, TR8XX, is usually QRV on 18070 kHz around 2030z.

BRITISH VIRGIN ISLANDS, VP2V. Jimmy, VP2V/WA6JKV, will be active in the last week in June and the first week of July on all HF bands, including 6 meters. QSL to home call.

IRAQ, YI. Peter, YI9OM, has been QRV on 15 meters around 1700z. QSL via OM6TX.

VANUATU, YJ. Wayne, YJ8WR, is usually active on 10 and 6 meters using SSB. QSL via VK6JR.

THIS WEEKEND ON THE RADIO. The ARRL Field Day will certainly keep hams busy this weekend. Please see May QST, page 84 for details.

NNNN



A lot of MARC members looked like this after Field Day!!!

Excerpts From the ARRL Letter

Vol. 19, No. 25
June 30, 2000

FCC'S HATFIELD TELLS HAMS TO "WALK THE WALK"

The FCC's Dale Hatfield, W0IFO, predicts a bright future for Amateur Radio. But the Office of Engineering and Technology chief says that amateurs "will be under a certain amount of pressure" to justify their free use of the radio spectrum. As a result, he said, it will be more important than ever that hams actually fulfill their service, good will and educational roles—not just talk about them.

Hatfield offered his observations as keynote speaker for AMRAD's 25th anniversary dinner June 17 in Virginia. Hatfield told the gathering, "the key issue for the amateur service is maintaining access to an adequate amount of spectrum." While emphasizing that he was not suggesting any immediate threat, Hatfield said hams will have to do a better job of justifying their current allocations.

Hatfield said hams should actually engage in experimentation to advance the state-of-the-art, provide communication and train operators for emergencies, encourage international cooperation and good will, and offer an important technical educational outlet. "Or, to use a bit of slang, it seems to me that it will be even more important for all segments of the amateur community to 'walk the walk' not just 'talk the talk,'" he said.

Hatfield encouraged his audience to explore advanced techniques that conserve spectrum, especially digital techniques. As the rest of the telecommunications world transitions to digital techniques, Hatfield said, "the amateur service will look antiquated if it is not making progress in that direction as well."

Hatfield also said software defined radios could facilitate "a new era of amateur experimentation" and, in many ways, represent "a final merger" of radio communications and computers.

The text of Hatfield's prepared remarks is available on the FCC Web site at <http://www.fcc.gov/Speeches/misc/dnh061700.html>

FLORIDA TOWER RULING DISAPPOINTS LEAGUE

The ARRL is expressing disappointment at a recent US Appeals Court ruling in a four-year-old Florida Amateur Radio tower case. The US Court of Appeals for the Eleventh Circuit on May 31 affirmed a lower-court ruling against Lenard Persin, WB4HZQ, in his efforts to erect an 80-foot repeater and HF remote base tower in his side yard in Seminole County.

"We are disappointed with the Court's ruling, which runs contrary to the clear and unambiguous meaning of the FCC's PRB-1 preemption decision," said ARRL Executive Vice President David Sumner, K1ZZ. The Eleventh Circuit ruling was doubly troubling because the ARRL had agreed to fund Persin's appeal in the case.

In a six-page, unpublished decision, the Eleventh Circuit decided that the US District Court had not erred by applying "a balancing test rather than

the reasonable accommodation test required by PRB-1."

Sumner said that by letting stand the US District Court's reliance on the "balancing of interests" approach, the Appeals Court took a regulatory direction that the FCC has expressly labeled "not appropriate." He called it "incomprehensible" that the Eleventh Circuit Court of Appeals could have failed to follow the lead of the Eighth Circuit, which reaffirmed the "reasonable accommodation" and "minimum necessary regulation" principles of PRB-1 in a landmark 1994 case.

Seminole County's ordinance restricts Amateur Radio towers to 35 feet without a special exception. The lower court agreed with Seminole County that Persin's request for a taller structure would be detrimental to the character and not consistent with the development trends of his neighborhood. Persin said one neighbor in particular fought his application on that basis. In District Court, Persin had presented—to no avail—expert testimony that a 35-foot tower would be ineffective and that the taller tower he requested would not change the character of the neighborhood nor affect property values.

Persin says he believes the decision dealt "a fatal blow" to PRB-1 and that other jurisdictions will copy Seminole County's approach to dealing with Amateur Radio towers "since they now know it will hold up in court." The county's ordinance, Persin says, "was particularly designed to thwart PRB-1." He called for protection stronger than that offered by PRB-1.

Sumner and ARRL General Counsel Chris Imlay, W3KD, note, however, that, because the Eleventh Circuit opinion was not published, it will not serve as a precedent in future cases. Sumner says that, under PRB-1, municipalities continue to have "an absolute obligation" to reasonably accommodate Amateur Radio communication and to impose "the minimum practicable regulation to accomplish its legitimate purpose."

This week, Persin applied for and was granted permission by Seminole County to erect a 35-foot tower on his property.

WRTC-2000 COMPETITORS HEAD FOR SLOVENIA

The World Radiosport Team Championship 2000 countdown clock is ticking. More than 100 competitors from around the world are making final preparations for WRTC-2000, and many already are on their way to Slovenia to take part in the event. WRTC-2000—akin to the Olympics in the sports world—gets under way next week.

The international Amateur Radio competition will be held in Bled, Slovenia. The on-the-air portion of the competition will be July 8-9, concurrent with the IARU HF World Championship event. WRTC-2000 events begin July 5 with a welcoming and organizational meeting and conclude July 11 with the awards ceremony.

"Few will return with a medal—all will return with memories of excitement, camaraderie and passion that will be with them forever," says National Contest Journal Editor Dennis Motschenbacher, K7BV, who's also a contestant in WRTC-2000.

This third WRTC will test the mettle of world-class contest operators at relatively modest stations running 100 W on CW and SSB on 80, 40, 20, 15, and 10 meters. The WRTC-2000 Organizing Committee is providing all sites with equivalent antennas—three-element triband Yagis for 10, 15, and 20 meters, and a Windom antenna for 80 and 40 meters, both mounted

approximately 12 meters (just under 40 feet) above ground.

The top-scoring team from the last WRTC in 1996—Jeff Steinman, N5TJ (ex-KR0Y) and Dan Street, K1TO—will defend its title in this year's WRTC as one of two special teams. WRTC-96 was held in the San Francisco Bay area.

ARRL Executive Vice President David Sumner, K1ZZ, will be the Chief Referee at WRTC-2000. The WRTC-2000 Organizing Committee President is Tine Brajnik, S50A, of the sponsoring Slovenia Contest Club.

National Contest Journal will offer complete coverage of WRTC-2000. Starting July 3, the new NCJ Web site <http://www.ncjweb.com> will provide on-the-spot coverage. Daily reports and photos will be posted on the NCJ WRTC special coverage pages.

For more information on WRTC-2000, visit <http://wrtc2000.bit.si/> or contact the Organizing Committee at scc@bit.si.

EUROPEAN WORKING GROUP SUPPORTS 5 WPM MORSE STANDARD

The Wireless Institute of Australia's Morse Code Watch reports that the EUROCOM Working Group of radio societies has voted to support the introduction of a 5 WPM Morse code requirement for full HF access. The European radio societies' vote came June 23 during the EUROCOM Working Group meeting in Friedrichshafen, Germany.

Morse Code Watch predicts that a decision by the European Conference of Postal and Telecommunications Administrations (CEPT) to universally adopt 5 WPM could come within a month.

During the EUROCOM Working Group session, the Deutscher Amateur-Radio Club successfully proposed a modification to CEPT Recommendation TR 61-02, to lower the Morse code examination speed from 12 to 5 WPM. Working Group delegates agreed to support 5 WPM "as an interim measure in recognition that the Morse code requirement is likely to be removed at the ITU World Radiocommunication Conference in 2003," Morse Code Watch said. The Hungarian Amateur Radio society—Magyar Radioamator Szovetseg (MRASZ)—was alone in its support for a 12 WPM requirement for CEPT licensing.

Morse Code Watch said a modification to the CEPT recommendation to implement 5 WPM "will result in a virtual worldwide adoption of the lower speed."

For more information, click on "Morse code watch" on the WIA home page, <http://tbsa.com.au/~wiavic>.—Jim Linton, VK3PC/WIA

IN BREIF:

QST de W1AW
Special Bulletin 10 ARLX010
>From ARRL Headquarters
Newington CT June 29, 2000
To all radio amateurs

SB SPCL ARL ARLX010
ARLX010 Antenna Designer Louis Varney, G5RV, SK

Louis Varney, G5RV, who invented the world-famous G5RV antenna, died June 28. He was 89.

The G5RV multiband wire antenna for HF is among the most popular of all antenna designs. Varney first described the G5RV in the November 1966 issue of the RSGB Bulletin. He employed a full-size and a double-size G5RV, both fed with open-wire feeders, at his own station.

Varney remained an active radio amateur until very recently and kept regular on-the-air schedules. He was an RSGB member for 74 years and served as life president of the Mid-Sussex Amateur Radio Society.

His wife Nelida is among his survivors. Services are set for July 4 in Brighton, England.

NNNN

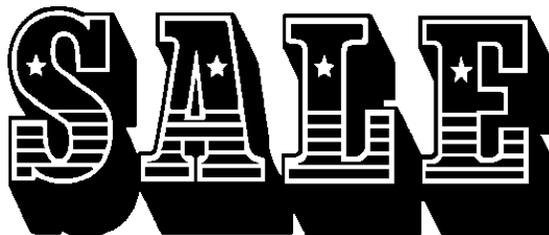
/EX

<http://www.arrl.org>. Jim Haynie, W5JBP, President; David Sumner, K1ZZ, Executive Vice President.

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;



Kenwood TS 930 S HF Rig with a MC- 60 Microphone

Drake MN - 7 Antenna Tunner

20 amp Home Brew Power supply

Heath Can - Tenna Dummy Load

HF Low Pass filter

Heath 5 position Coax Switch

Azden PCS 5000 2 Meter 25 - Watt Mobile

Phone; Don K8DON at 330-832-2603 for these terrific bargains at a very good price 1 Hurry ! Won't last long !!