

The

NEWSCASTER

The Official Publication of the Winnipeg Amateur Radio Club http://www.virtualmultimedia.com/warc/

October 2001 Free to Members vol: 2001-10

How To Get The Most Out Of Your Handheld

By Dan, VE4SYG

Date: October 15th, 2001

Time: 7:30 p.m.

Place: Sturgeon Creek Regional Secondary School

Other Important Dates:

Articles: Oct 3rd - Article Deadline October Newscaster

WARC: Nov 12, Dec 10 - Monthly Meeting

WSC: Dec. 12th - Christmas Party Dec 19th - Annual Meeting

ARES: Oct 20 - Advanced Spotter Training

Oct 16 - Annual General Meeting

Other: Daily 01:00 UTC MB Evening Phone net 3760 KHz

Daily 01:30 UTC Prairie traffic Net (CW) 3660 KHz

Daily 02:30 UTC Aurora #2 net 7055 KHz

Weekdays 9:00am Seniors morning net 147.390 MHz

Thursday 9:00pm MRS Net 147.390 MHz + Sunday 1:00pm MRS Net 147.390 MHz +

WARC: Executive for 2001

Past President Norm Coull VE4EH 885-1692 President Darcy Wilson VE4DDW 783-0421 Vice-Pres./ PR Tom Mills VE4SE 837-6915 Secretary Ruthie Maman VE4CRS 589-6718 Treasurer Sue Collings VE4SYM 694-1525 Membership Mariska Maguire VE4MMG 256-3143 Program 831-8082 Glen Napady VE4GWN Goodwill Vacant

News from VE4WSC Winnipeg Senior Citizens Radio Club

Summer is now past – time to dust off some more of that station equipment that has been lying idle over the past few months, and put it to use. And time for VE4WSC members to get actively involved again in their Club's many activities. Two things of great importance should be considered now, even though they take place in December – these being the Annual Christmas Party and the Annual General Meeting.

The Christmas Party is being held on Wednesday this year, December 12th. Location is the Assiniboia Christian Centre, 3390 Portage Ave. at Rouge Rd. There is good parking, a wheelchair ramp into the building, elevator, wheelchair-accessible washroom, and plenty of room for tables and movement (the gym) where we will be dining and having the entertainment, etc.. Dinner (turkey, meatballs, cabbage rolls, tea, coffee, dessert, and all the usual trimmings - for a full meal) will be served after 12 p.m., and we expect to have the party over by 3 p.m. There will be live entertainment, a sing-along, draws and door prizes, plus some short speeches. You don't want to miss this! Tickets are on sale NOW – and can be obtained at the Club from any Duty Officer or Executive member. Price is \$15.00 each. Or phone 233-3122 to have arrangements made to get one (or more) to you. Members are encouraged to bring relatives and friends, and guests are welcome as well.

Our Annual General Meeting is on the Wednesday following the Christmas Party – December 19th. It will begin at 10:00 a.m., so please come earlier so that you are seated when the meeting starts. It is at this meeting that ALL members can voice their thoughts by taking part in discussions, and make and vote on motions. Committee heads give their annual reports, we have the election of the new Board (and Executive) for 2002 – and also a chance to meet one another, maybe for the first time.

The Nomination Committee (of one) is Ed Henderson, VE4YU, our Past President. If you would like to have a part in helping to run the affairs of the Club in 2002, please see Ed. The Board is limited to a maximum of 20; but, we also

need members to help with the duties of the many Committees that are the framework of the Club. So, if you have expertise in an area that can benefit the Club, please come forward, even now, and volunteer your services.

We want to acknowledge a new member. Fred Venema, VE4FV, was accepted by vote of the Board on September 19. Welcome to our ranks, Fred.

Our Ham Classes are proceeding along nicely – with 14 students being taught by 8 dedicated instructors.

The club newsletter 'Sparks' will be published in mid-November. We'll be updating any news re the Annual Meeting and Christmas Party – and by mailing it to every member, will ensure that everyone has advance notice of both. The Telephone Committee will also be making personal calls to all members. In early 2002, 'Sparks' will again publish an edition to advise all members of the names of those on the new Board of Directors for 2002, Executive, and Committee. Also, we will publish the latest Membership List as at that date.

A reminder that the club has only 1 main source of income each year - donations from members and friends of the Club. There is also a small per capita grant (anticipated but not a 'given') from the City of Winnipeg through the St. Vital Community Committee, and some monies earned from social events. So we do rely heavily upon donations by members. While there are no membership fees, we do hope that all members will contribute something, each year, no matter how little, to the upkeep and welfare of the club. You can leave your donation in the care of a Duty Officer or an Executive member at the club – or, if you are planning to attend the Annual General Meeting, leave your donation with the Treasurer, Gladys, VE4GE. Donations that are not paid for services are acknowledged with a tax-exempt charity receipt.



The next Monthly Breakfast will be held on Thursday, October 11 at the Canad Inn Garden City, McPhillips at Jefferson. Time – 9:00 a.m. An attendance prize of either a free breakfast, or a special surprise package made up by our great social convener, George, VE4GNG – helps to entice you to come. We have now reached the 40 mark in attendance – thanks to all who continue to make this a big success by attending. All Hams are welcome to attend – as are relatives and friends of members. When will we hit 50?!

The October Board meeting will be on Wednesday, October 17, beginning at 10:00 a.m.

Members are welcome to attend.

And in closing, we want to thanks those who contributed their time and effort to the club's involvement in the Red Cross call-up on September 11, and to the CFARS Emergency Net during this same time – also the CFARS 'Fallex 2001' Exercise on the weekend of September 14-15-16.

Minutes for W.A.R.C. September 10, 2001 Submitted by Ruthie, VE4CRS

Meeting held at Sturgeon Creek Collegiate. Meeting began at 7:28 p.m., Darcy Wilson VE4DDW presiding. VE4DDW welcomed all to the meeting followed by Introductions

Election of Officers for 2001/2002 season

VE4DDW began by thanking Vern Dutton VE4VQ and David Rosner VE4DAR, who were stepping down from the executive. He then noted that Glen Napady VE4GWN offered to stand for election. Appreciation for VE4DAR's work as Program Chair was noted.

Jim Ross VE4AJR asked if there was a quorum present to vote. VE4DDW stated there was a quorum, since it was now the new membership year, and enough signed up members were present

VE4GWN was elected Program Director for the coming year. The present board of directors was also re-elected

Correspondence

VE4DDW read out a letter of resignation from Ralph Lavalley VE4RY and Kay Quinn VE4YF. They have coordinated amateur radio involvement in the Manitoba Marathon for several years.

Move approval of the minutes of the June meeting Moved Cal Shermerhorn VE4XQ Seconded John Foster VE4JNF CARRIED

Reports

VE4SE reported on the MARMFEST, held in Austin, Manitoba August 18. There were 130 registrants, 73 purchased dinners, 18 flea market tables rented, and 37 overnight campers. This is slightly above last year's numbers. The eighth Marmfest will be held in 2002

Bob Jacobs VE4RCJ reported on Field Day, held in June at Birds Hill Park. See the article by David Rosner VE4DAR in the September Newscaster for the details. VE4DDW expressed his compliments on Field Day. VE4RCJ added that all amateurs in Winnipeg worked together to make Field Day a success. The EMO trailer and the large tent were critical due to the weather, (very hot, and thunderstorms). He stated that next year there should be a better grounding system to reduce static, and cold water to drink. All logging computers should be networked. There should be 2 HF beams on site. Bob finished by stating that having a 3 person committee was critical for best results. See the URL in the September Newscaster for Field Day pictures.

Treasurer's Report

Presented by Sue Collings VE4SYM

Year End was July 31. The club will have an audited statement at the next meeting

Balance as of July 31 \$3933.60 Petty Cash 150.00 Total \$4003.60

Membership Report

Presented by Mariska Maguire VE4MMG 30 renewals over the summer 24 renewals tonight

Programs

VE4GWN reported that his proposed October program had fallen through. He is looking for ideas for programs. Please call Glen with any ideas you may have

Flea Market

VE4SE reported that the Flea Market will be held October 21, at Heritage Victoria Community Club. Tom and Ruth VE4XYL are booking tables, with a maximum of 30 available. All tables must be paid for in advance. The club requires a coordinator

RAC Report

- Rick VE4OV thanked WARC for the donation of the 320-piece tool kit that he won at the August 2001 Marmfest in Austin.
- ## The IARU HF championship held in July and coordinated by Derrick Belbas VE4VV was a great success with 4600 QSOs from coast-to-coast. In Manitoba, Derrick

VE4VV, Ed VE4YU and Rob VE4GV represented RAC in the contest.

- RAC has announced a Certificate of Proficiency in Morse Code, which is available through accredited examiners. More info is in the Newscaster or at www.rac.ca
- ₩ The RAC 2nd National Convention will be held on 26-29 July 2002 in Vernon, BC. See www.rac2002.org for more info
- The Winnipeg Senior Citizens Radio Club has been thanked on page 6 of the Sept./Oct. TCA for volunteering to do the QSLing for ARISS contacts. Former WARC President, Norm VE4EH is coordinating the ARISS QSLs. So far there have been 31 applications for QSLs.

ARES Report

VE4SE reported that Saturday, September 15 will be the Head of the Red Regatta, Sunday, September 16 will be Terry Fox runs. ARES still needs volunteers.

The next ARES meeting will be Tuesday, September 18, at West Kildonan Library. The program will be Dave Place VE4PN speaking about the Manigotogan EOC.

ARES may use the EMO trailer for a winter exercise at the Sled Dog Races

VE4DDW announced that the October WARC meeting will be held October 15, which is the third Monday, due to Thanksgiving

New Business

- ₩ Bob Poole VE4MAQ announced that the scout jamboree in Prince Edward Island went very well. Fourteen thousand attended. This will be the subject of an upcoming meeting. VE4AJR recommended inviting Venturers from Sun Valley Venturers to attend the meeting
- **Gil Frederick VE4AG** won the membership prize, a digital multimeter and tool kit
- ₩ George Gillespie VE4GNG won the door prize, a 50 piece tool kit

Meeting adjourned 8:08 p.m.

Everyone moved to the cafeteria for a long coffee break, and an opportunity to meet people they had not seen over the summer.

Minutes taken by Dick Maguire VE4HK

Minutes submitted by Ruthie VE4CRS.

From the New Planning Chair: Glen, VE4GWN

First I would like to thank (?) those of you who voted for me at the September WARC meeting. I hope that I can live up to your expectations filling this position.

Next I must say thank you to David, VE4DAR for all the help he has given to me so far (and the help I will need in the future). I hope that I can maintain the excellent level of programming that the members of WARC has come to expect after having you do this job.

Now I can ask you, the members of WARC, to help me in planning some interesting evenings for you. I have asked a few times during the MRS nets for input, had have received some good ideas, (and some that I can't arrange, sorry). If you have ideas of what you would like to see for an educational and/or fun meeting, please send me an e-mail ve4gwn@rac.ca, phone me (evenings) 831 8082 or via the VE4WPG repeater. If you are willing to give the program great, if you know some one (or organization) who can come out this would also good, and even if you only have a suggestion, that is also satisfactory, I'm sure that we can arrange something.

For our October Dan VE4SYG will be giving a presentation on How to get the most out of your handheld. I know that this subject is near and dear to all of who use a HT from time to time.

Some of what I have planned it to have a presentation by the Sun Valley Ventures (VE4SVV) about their trip to the Canadian Jamboree in Nova Scotia, a presentation on QRP; how to make and maintain a web page, and more. Thanks and See you at the next meeting.

Licenses, Legislation and Regulations Forwarded by Wayne, VE4WR

Spectrum Management & Telecommunications

1. NEW - Gazette Notice SMSE-021-01- Industry Canada is amending the Standard Radio System Plan 501 (SRSP-501) issue 4: Technical Requirements for Land Mobile and Fixed Radio Services Operating in the Bands 406.1-430 MHz and 450-470 MHz.

http://strategis.ic.gc.ca/SSG/sf05547e.html?he=y

2. NEW - Gazette Notice SMSE-020-01 - Industry Canada is releasing ICES-006: Interference-Causing Equipment Standard for AC Wire Carrier Current Devices (Unintentional Radiators), Issue 1.

Http://strategis.ic.gc.ca/SSG/sf05548e.html?he=y

Membership Report by Mariska VE4MMG

Autumn is here and it is time to concentrate on Ham Radio. This is a reminder that WARC memberships are past due (WARC memberships were due at the end of Sep 2001). I invite all members who have not renewed or any new potential members to join WARC. Please see the application form elsewhere in this Newscaster or visit the WARC Web Site at http://www.virtualmultimedia.com/warc/

This is a reminder that the October Newscaster is the final copy to those members who have not renewed their WARC membership. Again I invite members to renew their membership.

The next meeting will be 15 October 01. (see Newscaster for meeting place).

Some members have expressed interest in purchasing WARC jackets. We require a minimum of 12 jackets before we can place a bulk order. Let Darcy VE4DDW or me (VE4MMG) know if you are interested in buying a jacket. A form will be passed around for those interested in acquiring WARC Jackets

Winnipeg ARES Report by Jeff, VE4MBQ - Winnipeg EC

September turned out to be a pretty busy month for WPGARES, with end of CANWARN for the summer, expected operations for Terry Fox Run and Parkinson Walk and an unexpected MEMO call-out.

Sixteen ARES members volunteered as on-call Net Controllers for VE4WWO in the Prairie Storm Prediction Centre for the 2001 Summer Severe Wx season. This operation ran 14MAY-09SEP (17 weeks or 34 shifts), with people on-call 0930-1730h or 1730-2130h daily. Thanks to VE4s: AJR, DWG, EH, ESX, GWN, HAZ, HK, KAZ, HGD, MBQ, MMG, RCJ, RST, TJR, WF, WTS.

Richard VE4ESX deserves special recognition, he took 6 1-week shifts. HAZ, HGD, MBQ came in second with 4 1-week shifts each.

There will be Advanced Spotter Training SAT 20OCT 0900h at Lord Selkirk School in Selkirk. This session is for current spotters, it is not for new spotters. If planning to attend please notify your local ARES Coordinator ASAP.

Twenty-seven WPGARES personnel provided amateur communications 16SEP01 for the Terry Fox Run. Amateurs were stationed at Assiniboine Park, Harborview Park,

Kildonan Park, The Forks, Terry Fox Office and shadowing the Terry Fox Director. Thanks to MRS for periodic use of VE4WPG and to VE4s: AJR, AND, CDP, CRS, DAR, DWG, DL, EWN, EIH, GWB, GWN, HK, KAZ, KU, MBQ, MJM, MMG, RCJ, RST, SE, SN, STS, TJR, WF, WTS, YU, YYL.

Fourteen WPGARES members provided amateur communications 23SEP01 for the Parkinson Walk in St Vital Park. Thanks to VE4s: AJR, AND, CDP, CLK, CRS, DL, DAR, GWN, HK, KAZ, MMG, RST, WF, YYL.

There was an ARES call-out on TUE 11SEP as a result of the attacks in New York and Washington. Aircraft in flight were being diverted away from US airports. There was a possibility of 80 aircraft being diverted to YWG bringing 16000 people which would at the least have been a Social Services emergency. At MEMO's direction ARES operators staffed MEMO (VE4EMO), MHEOC, City EOC (VE4EOC), 38 Brigade, Red Cross, Salvation Army, and assisted at WSCRC. Twenty-seven ARES operators either worked a shift or were assigned a particular shift before the Manitoba operation was stood-down at 2000h. Thanks to VE4s: ACX, AJR, AND, AG, DAR, DL, DJM, DWG, EAR, EH, EI, EN, GLS, HAZ, HGD, JNF, KAZ, MAB, MBQ, MHZ, PL, RCJ, SS, STS, TJR, WF, YYL.

Several other members were on stand-by awaiting assignment. Thanks to VE4s: ESX, GWN, MAQ, RST, TRO, VID.

For those wondering why 27 operators were working or assigned you must not lose sight of the fact that when operations began there was no idea initially whether we were looking at an eight or forty-eight hour operation. Special thanks to Manitoba Repeater Society for emergency use of VE4WPG and to Mark VE4MAB for re-arranging several days of work "just in case". The amateur community around Winnipeg is to be commended for allowing us to run our communications without any distractions.

Dave Place VE4PN gave us a very interesting presentation at our September meeting about the regional EOC in Manigotogan. The October monthly meeting TUE 16OCT01 1900h will be our Annual General Meeting at west Kildonan Library 365 Jefferson Avenue.

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Contest Calendar

October

07	0700-1900	SSB RSGB 21/28 MHz Contest
02	0700-1000	CW German Telegraphy Contest
06	0000-2400	PSK31 The PSK31 Rumble
06-07	1000-1000	SSB Oceania DX Contest
06-07	1200-1200	CW/SSB F9AA Cup Contest
06	1500-1859	SSB EU SPRINT Autumn
06-07	Periods	HELL International HELL-Contest
06-07	1600-2200	CW/SSB California QSO Party
06-07	2000-0200	SSB IBERO American Contest
10-12	1400-0200	CW YLRL Anniversary Party
13-14	1000-1000	CW Oceania DX Contest
13-14	2 periods	CW/SSB Pennsylvania QSO Party
13	1500-1859	CW EU SPRINT Autumn
13	1700-2100	CW FISTS Fall Sprint
14	0000-0200	CW Asia-Pacific Sprint
14	0000-0359	RTTY North America 'Sprint'
14	0700-1900	CW RSGB 21/28 MHz Contest
20-21	0000-2400	RTTY JARTS WW RTTY Contest
20-21	0000-2400	All Rhode Island QSO Party
20-21	1200-2400	CW QRP ARCI Fall QSO Party
20-21	1500-1500	CW/SSB Worked all Germany Contest
21-22	1800-0200	CW/SSB Illinois QSO Party
24-26	1400-0200	SSB YLRL Anniversary Party
27-28	0000-2400	SSB CQ W W DX Contest

November

01-07	0000-2400	CW HA QRP Contest
04	2 periods	CW HSC Contest
03-04	1200-1200	All Ukrainian DX Contest
03-05	2100-0300	CW ARRL Sweepstakes
03-05	2100-0300	CW Collegiate Championship
03-04	2 periods	CW/SSB IPA Radio Club Contest
09-11	2300-2300	SSB Japan International DX Contest
10-11	0000-2400	RTTY Worked All Europe DX Contest
10	0000-2400	CW/SSB ALARA-Contest
10-11	1200-1200	CW OK/OM DX Contest
17-18	1200-1200	CW LZ DX Contest
17-18	1400-0800	CW IARU 160m Contest
17-19	2100-0300	SSB ARRL Sweepstakes
17-19	2100-0300	SSB Collegiate Championship
17-18	2100-0100	CW RSGB 1.8MHz Contest
24-25	0000-2400	CW CQ W W DX Contest

RAC Bulletins

www.rac.ca/~racnews/othernotices/racbullemail.htm

RAC Bulletin 01-071E

Amateur Radio Call Sign Data Base

Industry Canada has informed RAC that they have amended the Morse Qualification listings in their Canadian Amateur Radio Call Sign Database now that the Morse requirement for access to all amateur bands is 5 WPM. Because the sole requirement now is 5 WPM, they no longer show the 12 WPM qualification.

Industry Canada advises that the modifications to their Canadian Amateur Radio Call Sign Database were completed sooner than expected and that they (IC) were unable to give RAC sufficient warning to allow timely modification to the RAC Canadian Amateur Radio Call Sign Database Web page.

Industry Canada have told RAC that they realize the significance to amateurs of showing only the lower code speed and regret any inconvenience this may have caused to the amateur fraternity.

RAC is working to have the offending references removed from the published version of the database as soon as possible.

The Oak and the Reed Submitted by V.L. Dutton, VE4VQ

Extracted from Sciences et Avenir, October 1999, pp 70-72

Incredible – a semi-conductor capable of repairing itself just like a living being. Its disordered structure allows it to bend at a point where silicon would break. A revolution in the electronics domain.

Thus reads the lead-in to an article about the new semi-conductor material copper-indium diselenium known familiarly as CIS (copper-indium-selenium).

The material was discovered a dozen years ago by teams working at the Electro-Chemistry Laboratory of ENSCP in Paris, the Weisman Institute in Israel, and the University of Stuttgart in Germany. "Photobatteries" have been developed by Siemens Solar using a thin layer of CIS. These batteries have been in use for eight years in an out-of-doors environment with no problems developing. The Germans have tested panels on a satellite for two years with no signs of degradation in spite of intense bombardment by cosmic rays.

As is well known, silicon semi-conductors are very sensitive to impurities during the manufacturing operation. As a result, their costs are high. Also, they are easily damaged by cosmic radiation when used in photobatteries.

Then along comes this new compound that continues to generate and conduct current under the severest of conditions. The analogy of the oak and reed would appear to be an appropriate one.

Developmental work continues in various centers. Siemens ultimately hopes to make the use of solar energy economically competitive with our conventional systems for supplying energy.

The article is well illustrated. Why not stop in at the St. Boniface Library on Provencher and look at them? Just ask the ladies for help if your French is shaky.

Anti-LASER Eyelids Submitted by Vern Dutton VE4VQ

Extracted from Science & Vie, mai 2001, page 39

The visors of the pilots of fighter aircraft and the cameras of spy-satellites could soon be covered with hundreds of thousands of microscopic "eyelids. In the light of the development of laser weapons that can blind a pilot or destroy the optical systems of a satellite, scientists at the University of Florida have just developed tiny artificial eyelids capable of rendering the glass opaque when the surface is hit by a harmful ray. The enemy laser-beam is stopped by the ultra-rapid shutting of these tiny polymer shutters. The trick: the polymer film that constitutes these tiny squares is charged positively. When the laser beam touches the glass, negative charges form. The electrostatic attraction is immediate; The shutters close in 1/10,000 of a second. Nearly 250,000 of these tiny valves, each 50 micrometres on a side, are distributed on a surface of about 6 sq. cm. In the years to come, the technology could be useable for the making of glasses that could adapt much more quickly to changes in the intensity of the light.

News from the Net

UK to introduce Foundation Licence in 2002

A weekend foundation licence, more privileges for Novice licensees and five words per minute Morse for full privileges.

These are the main changes to amateur radio licensing in the United Kingdom. Also provided for are more liberal supervised operating rules for amateurs in training courses. The changes were jointly announced last Friday by the UK Radiocommunications Authority and Radio Society of Great Britain. The aim is to make amateur radio more attractive as a technical hobby.

Effective immediately, UK Class A/B licensees (which have 5 words per minute Morse) will become Class A licensees and receive full Class A privileges.

From October 1, Novice licensees who have passed an HF Morse test will receive access to all amateur frequencies with a 50 watt output power limit. Novice licensees with no Morse will have access to all amateur bands above 50 MHz. These licence grades will in future be called 'Intermediate' grade.

The Foundation licence will commence at the beginning of 2002.

This licence will provide access to most of the amateur bands, and restrict licensees to a maximum power of 10 watts RF output. Foundation licence holders will be prohibited from constructing their own transmitting equipment. Instead they will be required to use commercially-manufactured items, or properly-designed commercial kits.

Study for the Foundation licence may be undertaken over a weekend, and is based on the tradition that amateur radio is a hobby learnt mainly through self-training. Pilot courses will run from October 1 to evaluate syllabus and training material. The RA expects the full scheme to be operational from January 2002.

Until now, Britain has prohibited unlicensed people talking via amateur radio, even when a licensed operator is present. These restrictions have been loosened somewhat. Now unlicensed trainees on a registered training course may be supervised by full licence-holders to operate a station and contact other UK licensed amateurs.

So the UK changes are, in summary,

- 5 words per minute Morse for full privileges,
- more privileges for Novices,
- an easy-entry Foundation licence and
- allowance of supervised operating.

If Morse testing is abolished after the 2003 conference, the UK will be left with three licence grades - Foundation, Intermediate and Full.

With the UK being the first major country to introduce a Foundation style of amateur licence, there is little doubt that amateurs in other countries that may be weighing up the pros and cons of such change will be watching development in Britain closely.

(APC News)

Editors Ramblings By Derek VE4HAY

Sorry for getting this newsletter out so late. I hope that Tom, VE4SE has the time to get it published and in the mail before the meeting. I was out of the country on a curling weekend that extended to a 10 day jaunt around Europe.

Flea Market October 21, 2001

Heritage Victoria Community Club 950 Sturgeon Road

Ruth VE4XYL and Tom VE4SE will be booking tables, contact them at 605 Bruce Ave., 837 6915 or ve4se@rac.ca

\$5.00 for club members

\$10.00 for non club members and commercial.

Tables are on a first come first paid basis. They must be paid for at time of booking.

Ruth's kitchen will be open at 08:00 hrs. Vendors only will be allowed in from the North door at 09:00 hrs and doors are open to the public at 10.00 hrs. Entrance fee is \$2.00.

Doug Henry VE4 is coordinating the flea market and any volunteers for set up and break down should contact him.

And yes I was scouting for antenna farms as I rode the train along the Italian coast. (only saw two HF beams), but quite the display of roof top UHF receiving antenna's.

Anyway, having been busy with travelling and working I have not had much time on the rig. I trust that the hobby is flourishing well, with out me on the bands. It was nice to about Barry's VE4MA EME record transmission.

Once again I need articles for the newsletter, So please put pen to paper (electrons to phosphor) and send me something. Or next month you will get scans of my kids school pictures.

Happy Halloween



WWW.VE4.NET

Promoting the Spirit of Radio

Bob Hrabi

VE4ZAP

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