

E-VOX

The official **On-Line**
newsletter of the

**Lehigh Valley Amateur
Radio Club - W3OI**

**Allentown, Pennsylvania
USA**



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Repeater

146.340/146.940 (PL 71.9)

147.735/147.135 (PL 167.9)

RACES NET

Every Monday at 7:30 (Local Time)

All are welcome !

<http://www.w3oi.org>





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**The June meeting will be held on
June 4, 2002 at the Red Cross Building
at 7:30. The program will include
preparation for Field Day.**

LVARC / RACES NET

Don't forget to check into the Monday Night
LVARC/RACES Net on 146.94 (PL 71.9) with an
alternate frequency of 147.735/147.135 (PL 167.9)
The Net begins at 7:30 pm local time.
**Many club announcements will be
heard there !**

**Monday Night RACES/ARES Check In Summary
2002**

<u>Month</u>	<u>Number of Check-In's</u>	<u>Number Mondays</u>
January	83	4
February	73	4
March	80	4
April	81	5



Discussed at the May, 2002 Meeting *Not the minutes Just a Review*






The May 7, 2002 meeting of the LVARC was held at the Red Cross Building due to limited space in the EOC and the Limerick drill.

1. The meeting was brought to order at 7:35 pm
2. There were 9 members present
3. There were no 50/50 tickets sold
4. Paul (NOKIA) reported a balance of \$879.60 in the treasury
5. Paul (NOKIA) is working on "The members section" of the web site
6. Paul (NOKIA) added a link to the Pottstown ARRC on our web site. This club has monthly fox hunts and good information can be found there.
7. Barry (KB3FMI) needs input from the members regarding changes in the constitution. He will accept recommendations for changes NO LATER than the June, 2002 meeting.
8. There are 9 "golf-type" LVARC shirts to be ordered on May 13.
9. Rod (KB3HFZ) will look into possible vendors for "Communications" vests. Members can then order on an individual basis.
10. Field Day details included:
 - a. Food - Rod (KB3HFZ) volunteered to be in charge of food arrangements
 - b. Antennas: Greg (KB3CKD) has 4 of the club's dipoles.
 - c. Publicity - Jeff (N3MFT) will be contacted to assist in notifying the appropriate dignitaries and media.
 - d. Mark and/or Paul will check into getting "dupe sheets."
 - e. Equipment: The following radios will be available for use: (Mark (WA3KIF), Larry (K3LAR), Eric (AI3D) and the LVARC HF radio. Bruce (KB3FIH) has offered the use of his 5K generator for the radios. No computers will be used this year for transmissions or logging.
11. Paul (NOKIA) suggested a club trip to see the Reading Phillies. anyone interested, contact (e-mail) Paul.
12. The MS 150 route has changed. It will begin at the Veldrome to Kutztown University and return to the Veldrome. Anyone interested in helping, contact Jeff (N3QZT).
13. The LVARC Board of Governors approved the request for the MS 150 to use the LVARC 135 repeater with the understanding that if needed, members can use the auto patch.
14. Paul will have a presentation regarding "Logging and Dupe Sheets" at the June meeting.
15. The meeting adjourned at 8:35 pm.

\$\$\$ W3OI Finances \$\$\$
Balance as of 04/30/02 \$879.60

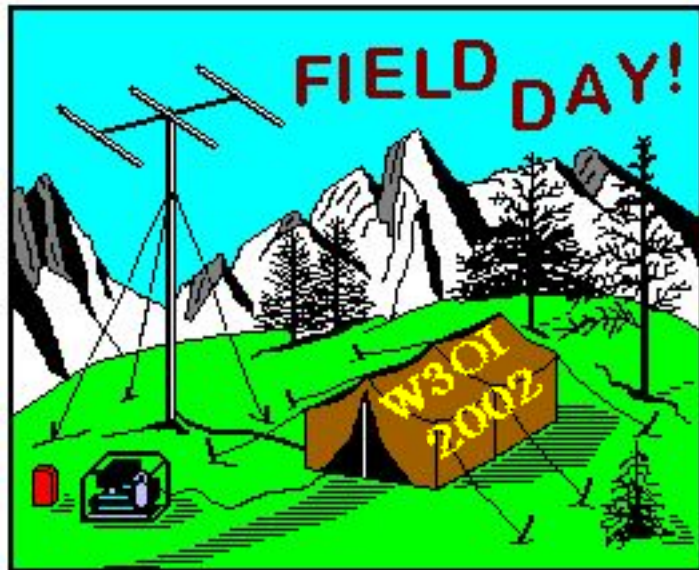




Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
 <h2 style="margin: 0;">This Month in Ham Radio</h2> 						S. America CW Contest 1
S. America CW Contest 2	ARES RACES Net 7:30 3	LVARC Meeting Red Cross 7:30 4	5	6	7	Portugal Day Contest ARRL VHF QSO Party 8
ARRL VHF QSO Party 9	ARES RACES Net 7:30 10	11	12	13	14	All Asia DX CW Contest W. Virginia QSO Party 15
All Asia DX CW Contest Father's Day 16	ARES RACES Net 7:30 17	18	19	20	Pre-Field Day "Camp Out" at Serranova 21	 Field Day 22
 Field Day 23	ARES RACES Net 7:30 24	25	26	27	28	29
30						

July - 2nd Annual LVARC Picnic - Details TBA

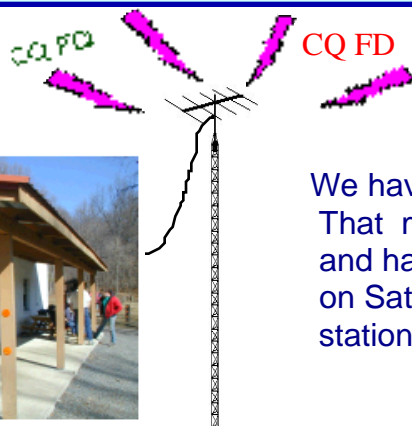
August 3 - Fishing Trip (TENTATIVE)



Field Day, 2002 will be

held at **Camp Serranova**. Directions to the Field Day site from Allentown are below.

- (1) Cedar Crest Blvd. South to "T"
- (2) Turn right on Route 29 in Emmaus (South)
- (3) Proceed up Shimerville Hill thru blinking light to next light.
- (4) Turn right on St. Peters road
- (5) Go about 4 1/2 miles and **turn left into a small road** (looks like a driveway) to the camp, see signs for camp (if you get to the fire station or the intersection you missed the turn).



We have the camp from Friday until Sunday. That means, we can go up Friday afternoon and have a camp out and prepare for set-up on Saturday. We plan to have multiple HF stations on the air.



**Field Day 2002
Equipment/Supplies List (Personal)**

They are presented in no particular order. Below is a checklist of equipment/supplies you may want to consider taking. This is not a complete list and you may want to add your own items.

- | | |
|---|--|
| <p>_____ AC Lamp (for operating station)</p> <p>_____ Flashlight / Lantern</p> <p>_____ Key (telegraph)</p> <p>_____ Power Supply</p> <p>_____ Paper (pads)</p> <p>_____ Pens/pencils</p> <p>_____ Headphones</p> <p>_____ Sleeping bag</p> <p>_____ Eating utensils</p> <p>_____ Folding Chair</p> <p>_____ Pillow</p> <p>_____ Toilet items (include towel/wash cloth)</p> <p>_____ Tools</p> | <p>_____ AC Outlet strip(s)</p> <p>_____ Cell phone (?)</p> <p>_____ Book to read</p> <p>_____ Toilet paper</p> <p>_____ Duct Tape</p> <p>_____ Spare fuses</p> <p>_____ Spare batteries (HT)</p> <p>_____ Snacks</p> <p>_____ Sunglasses</p> <p>_____ Appropriate clothing (include rain gear)</p> <p>_____ Matches</p> |
|---|--|



HAMFESTS

HAMFEST CALENDAR

**2 Jun
2002**

Breezeshooters ARC

<http://www.breezeshooters.net>

Contact: Ed Wolf, N3UE

PO Box 100158

Pittsburgh, PA 15233-0158

Phone: 412-221-3806

Email: n3ue@arrl.net

Pittsburgh (Butler), PA

Div: Atlantic

Sect: Western Pennsylvania

**8 Jun
2002**

Eastern Pennsylvania Section Convention

Columbia Montour ARC

<http://www.qsl.net/cm-arc>

Contact: George Law, N3KYZ

10 Whitenight Lane

Bloomsburg, PA 17815-8335

Phone: 570-784-2299

Email: n3kyz@jlink.net

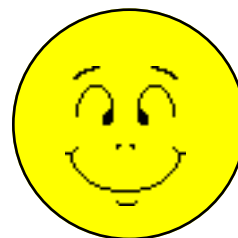
Bloomsburg, PA

Div: Atlantic

Sect: Eastern Pennsylvania



Just for Laughs



Actually taken from classified ads

FREE YORKSHIRE TERRIER.
8 YEARS OLD. HATEFUL LITTLE DOG.

FREE PUPPIES:
1/2 COCKER SPANIEL
1/2 SNEAKY NEIGHBOR'S DOG

FREE PUPPIES... PART GERMAN
SHEPHERD,
PART STUPID DOG

GERMAN SHEPHERD 85 lbs.
NEUTERED. SPEAKS GERMAN.
FREE.

FOUND: DIRTY WHITE DOG.
LOOKS LIKE A RAT...
BEEN OUT AWHILE..
BETTER BE REWARD.

1 MAN, 7 WOMAN HOT TUB --
\$850/offer

SNOW BLOWER FOR SALE
ONLY USED ON SNOWY DAYS.

COWS, CALVES NEVER BRED...
ALSO 1 GAY BULL FOR SALE.

NORDIC TRACK \$300
HARDLY USED, CALL CHUBBY

HUMMERS - LARGEST SELECTION EVER -
"IF IT'S IN STOCK, WE HAVE IT!"

GEORGIA PEACHES
CALIFORNIA GROWN - 89 cents lb.

NICE PARACHUTE:
NEVER OPENED - USED ONCE

TIRED OF WORKING FOR ONLY \$9.75 PER HOUR?
WE OFFER PROFIT SHARING AND
FLEXIBLE HOURS. STARTING PAY:
\$7 -- \$9 PER HOUR.

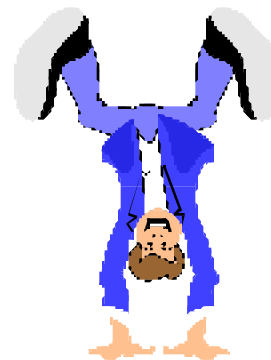
JOINING NUDIST COLONY!
MUST SELL WASHER & DRYER \$300.

ALZHEIMER'S CENTER PREPARES
FOR AN AFFAIR TO REMEMBER

OPEN HOUSE
BODY SHAPERS TONING SALON
FREE COFFEE & DONUTS

(AND THE BEST ONE)

FOR SALE BY OWNER
Complete set of Encyclopedia Britannica.
45 volumes. Excellent condition.
\$1,000.00 or best offer.
No longer needed.
Got married last weekend.
Wife knows everything.





AMATEUR RADIO HITS THE BIG SCREEN (AGAIN) IN NEW IMAX FILM



Amateur Radio again is getting a role on the silver screen, this time in the new IMAX film called Space Station. The film includes a segment depicting the Amateur Radio on the International Space Station (ARISS) program in action. ARISS team members will be on hand to demonstrate ham radio to the press and invited moviegoers when the film has its first screening Tuesday, April 16, at the National Air and Space Museum in Washington, DC.

Several ham-astronauts also are expected to be in attendance. The movie opens to the general public Friday, April 19. US International Space Station crews have included at least one Amateur Radio operator. The current Expedition 4 crew--Commander Yury Onufrienko, RK3DUO, and astronauts Dan Bursch, KD5PNU, and Carl Walz, KC5TIE, is the first to have all three members licensed.

The IMAX earthbound segments were filmed last August at Seabrook Intermediate School in Texas. Students there enjoyed an ARISS contact on September 4. The ISS segments was shot in January 2001 with Expedition 1 Commander Bill Shepherd, KD5GSL. The two segments were pieced together during editing.

An international educational program, ARISS brings students from the US and throughout the world together with ISS astronauts via ham radio, which was one of the first payloads accepted aboard the ISS by NASA. ARISS is sponsored by ARRL, AMSAT and NASA.

Coinciding with the IMAX film debut on April 16, second through sixth-grade students at The Quogue School in Quogue, New York, will get their turn behind the microphone to talk with either Bursch or Walz.

In 2000, Amateur Radio had a featured role in the science fiction thriller Frequency. -- Jennifer Hagy, N1TDY

(From the ARRL Newsletter. vol. 21. No. 15., April, 2002).



A FIELD DAY, 2002 LETTER from the ARRL



Field Day 2002

Dear Field Day Participants:

The momentous events of September 11, 2001 served to once again affirm that amateur radio plays an important role when our communities are in need. If you ask those amateurs that served with great pride during those first trying days after the attack, a common theme would be echoed. The training and skills the volunteers acquired by participating in emergency preparedness tests and drills paid off when they were called to service. From its inception in 1933, **ARRL Field Day** has held a place of prominence among the amateur radio community. This operating event, arguably the most popular on-the-air event among hams, challenges us to test our preparations and learn **valuable skills that can hold up to the challenge when “real life” interfaces with our hobby.**

Last year, this letter included the statement that *“The strength of Field Day does not lay in the score that you post or the number of transmitters you put on the air. It lies in the number of operators who actually participate and gain valuable operating experience.”*

Two rule changes go into effect with Field Day 2002 that will take us a step further as we strive to test ourselves in these respects. The old Novice/Technician station from previous years has been replaced by a **GET ON THE AIR (GOTA) station**. The GOTA station will allow Novice, Technicians, and generally inactive hams a chance to GET ON THE AIR to help the group’s Field Day effort. Non-licensed persons may also participate in the GOTA station, under the direct supervision of an appropriate control operator. Please review Field Day Rule 4.1.1. for information on the new GOTA station. You may complete up to **400 QSOs** to your group’s score with the GOTA station. In addition, any group that meets the 400 QSO goal from the GOTA station will also gain an **additional 100-point bonus**. This is the only change that affects Field Day scoring.

We have always been able to work DX stations during Field Day. Field Day 2002 now has expanded the opportunity for DX stations to more fully participate. **DX stations from across Region 2 – encompassing North and South America – are now invited to fully participate and submit scores to the ARRL for inclusion in the results.** DX stations should give as their sent exchange their entry category (just like W/VE participants) as well as the designation “DX” – in lieu of an ARRL section. Also, remember that third-party agreements must be observed.



Many stations responded to the expansion of the **Demonstration Mode bonus** from 100 to 300 points for up to three demonstration modes. The non-traditional mode bonus should once again be popular. Many also claimed the maximum bonus for handling ten pieces of **formal NTS-style traffic**. Don't overlook these easily earned bonuses (that also help provide good training for the operators). Remember to use the updated Field Day summary sheet (included in this packet). It reflects the rule changes. Also remember entries do not have to be in the Cabrillo format for Field Day.

A complete Field Day entry includes: (a) Complete, accurate summary sheet; (b) Dupe sheets broken down by band and mode; and (c) proof of any bonus points earned. Do not send complete detailed log sheets with your entry – (but maintain a copy of the full log for up to one year in case the ARRL asks for the logs). All rules and forms may be found at www.arrl.org/contests/forms or by sending an SASE to ARRL HQ.

Field Day 2002 starts at 1800 UTC on Saturday, June 22 and runs through 2100 UTC June 23.

If you need additional information beyond this packet, please contact me using the information on the cover. **Good Luck with FIELD DAY 2002! 73...**

Dan Henderson, N1ND
ARRL Contest Branch Manager

Field Day Rules

From: the ARRL Web Site

1. **Eligibility:** Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations **and countries within IARU Region 2. DX stations residing in other regions may be contacted for credit, but are not eligible to submit entries.**

2. **Object:** To work as many stations as possible on any and all amateur bands (excluding the 30, 17, and 12-meter bands) and in doing so to learn to operate in abnormal situations in less than optimal conditions. A premium is placed on developing skills to meet the challenges of emergency preparedness as well as to acquaint the general public with the capabilities of Amateur Radio.



3. **Date and Time Period:** Field Day is always the fourth full weekend of June, beginning at 1800 UTC Saturday and ending at 2100 UTC Sunday. **Field Day 2002 will be held June 22-23, 2002.**

3.1. Class A and B (see below) stations that do not begin setting up until 1800 UTC on Saturday may operate the entire Field Day period.

3.2. Stations who begin setting up before 1800 UTC Saturday may work only 24 consecutive hours, commencing when on-the-air operations begin.

3.3. No Class A or B station may begin their set-up earlier than 1800 UTC on the Friday preceding the contest period.

4. **Entry Categories:** Field Day entries are classified according to the maximum number of simultaneously transmitted signals, followed by a designator of the nature of their individual or group participation. Below 30 MHz, once a transmitter is used for a contact on a band, it must remain on that band for at least 15 minutes. During the period, the transmitter is considered to be transmitting, whether it is or not, for the purpose of determining transmitter classification. Switching devices are prohibited.

4.1. **(Class A) Club / non-club portable:** Club groups (or a non-club group with three or more licensed amateurs) set up specifically for Field Day. Such stations must be located in places that are not regular station locations and must not use facilities installed for permanent station use, or use any structure installed permanently for Field Day use. Stations must operate under one callsign (**except if a dedicated GOTA station is allowed which must be operated under a callsign as provided later in these rules**), and under the control of a single licensee or trustee for the entry. All equipment (including antennas) must lie within a circle whose diameter does not exceed 300 meters (1000 feet). All contacts must be made with transmitter(s) and receiver(s) operating independent of commercial power mains.

Entrants whom for any reason operate a transmitter or receiver from a commercial main for one or more contacts will be listed separately.

4.1.1. Any Class A group whose entry classification is two or more transmitters may also operate one additional station without changing its base entry category, known as the GET ON THE AIR (GOTA) station.

4.1.1.1. This station must operate using a different callsign from the primary Field Day station.



4.1.1.2. The GOTA station may be operated by Novice, Technicians or generally inactive hams under their existing operating privileges, or under the direction of a Control Operator with appropriate privileges, as necessary. Non-licensed persons may participate under the direct supervision of an appropriate control operator. A list of operators and participants must be included on the required summary sheet to ARRL HQ.

4.1.1.3. This station may operate on any valid Field Day band and mode. As per FCC rules, this station must have a valid control operator present if operating beyond the license privileges of the participant using the station.

4.1.1.4. The maximum transmitter output power for the GOTA station shall be 150 watts. If the primary Field Day group is claiming the QRP multiplier level of 5, the maximum transmitter output power of the GOTA station may not exceed 5 watts.

4.1.1.5. A maximum of 400 QSOs made by this station may be claimed for credit by its primary Field Day operation. A 100-point bonus may be claimed by the primary Field Day operation if the GOTA station reaches the 400 QSO level.

4.1.1.5.1. Any operator of the GOTA station is limited to completing a maximum of 100 QSOs for GOTA credit.

4.1.1.6. The GOTA station may operate on the Field Day HF and VHF Bands. However only one transmitted signal is allowed from the GOTA station at any time (see Field Day rule 4).

4.1.1.7. The GOTA station does not affect the additional VHF/UHF station provided for under Field Day rule 4.1.2.

4.1.1.8. Participants are reminded that non-licensed participants working under the direction of a valid control operator may only communicate with other W/VE stations or with stations in countries with which the US has entered a third-party agreement.

4.1.2. Any Class A group whose entry category is two or more transmitters may also operate one additional transmitter if it operates exclusively on any bands or combination of bands above 50 MHz (VHF/UHF) without changing its basic entry classification. This station does not qualify for a 100-point bonus as an additional transmitter. This station may be operated for the entire Field Day period for the club and all contacts count for QSO credit. It is operated using the primary callsign of the Field Day group.



4.2. **(Class A - Battery) Club / non-club portable:** Club groups (or non-club groups with three or more licensed amateurs) set up specifically for Field Day, all contacts must be made using an output power of 5 Watts or less and the power source must be something other than commercial power mains or motor-driven generator (e.g.: batteries, solar cells, water-driven generator). Other provisions are the same for regular Class A.

4.3. **(Class B) One or two person portable:** Non-club stations set up and operated for Field Day purposes by no more than two licensed amateurs. Other provisions are the same for Class A. One and two person Class B entries will be listed separately.

4.4. **(Class B - Battery) One or two person portable:** Non-club stations set up and operated by no more than two licensed amateurs. All contacts must be made using an output power of 5 Watts or less and the power source must be something other than commercial mains or motor-driven generator. Other provisions are the same as Class A. One and two person Class B - Battery entries will be listed separately.

4.5. **(Class C) Mobile:** Stations in vehicles capable of operating while in motion and normally operated in this manner. This includes maritime and aeronautical mobile.

4.6. **(Class D) Home stations:** Stations operating from permanent or licensed station locations using commercial power. Class D stations may only count contacts made with Class A, B, C and E Field Day stations.

4.7. **(Class E) Home stations - Emergency power:** Same as Class D, but using emergency power for transmitters and receivers. May work stations in Class A, B, C, D, and E.

5. **Exchange:** Stations in ARRL / RAC sections will exchange their Field Day operating Class and ARRL / RAC section. Example: a three transmitter class A station in Connecticut which also has a GOTA station and one VHF station would send "3A CT" on CW or "3 Alpha Connecticut" on phone. **DX stations send operating class and the term DX (i.e. 2A DX).**



6. Miscellaneous Rules

6.1. A person who participates by making a QSO from one Field Day operation may not subsequently work the station from which he participated using a different callsign.

6.2. A station used to contact one or more Field Day stations may not subsequently be used under any other callsign to participate in Field Day. Family stations are exempt provided the subsequent callsign used is issued to and used by a different family member.

6.3. Each Phone, CW and Digital (non-CW) segment is considered a separate band. A station may only be worked once per band.

6.4 All voice contacts are equivalent.

6.5. All non-CW digital contacts are equivalent.

6.6. Cross-band contacts are not permitted.

6.7. The use of more than one transmitter at the same time on a single band-mode is prohibited. Exception: a dedicated GOTA station may operate as prescribed in rule 4.1.

6.8. No repeater contacts are allowed.

6.9. Batteries may be charged while in use. Except for class D stations, the batteries must be charged from a power source other than commercial power mains.

7. **Scoring:** Scores are based on the total number of QSO points times the power multiplier corresponding to the highest power level under which any contact was made during the Field Day period plus the bonus points.

7.1. QSO Points

7.1.1. Phone contacts count one point each.

7.1.2. CW contacts count two points each.

7.1.3. Digital contacts count two points each.

7.2. **Power multipliers:** The power multiplier that applies is determined by the highest power output of **any** of the transmitters used during the Field Day operation.



7.2.1. If **all** contacts are made using a power of 5 Watts or less and if a power source other than commercial mains or motor-driven generator is used (batteries, solar cells, water-driven generator) the power multiplier is 5.

7.2.2. If all contacts are made using a power of 5 Watts or less, but the power source is from a commercial main or from a motor-driven generator, the power multiplier is 2.

7.2.3. If any or all contacts are made using an output power up to 150 Watts or less, the power multiplier is 2.

7.2.4. If any or all contacts are made using an output power greater than 150 Watts, the power multiplier is one.

7.2.5. Only one power multiplier may be applied to the score of any entry.

7.3. **Bonus Points:** The following bonus points will be added to the score, after the multiplier is applied, to determine the final Field Day score. **Only Class A and B stations are eligible for bonus points.** Bonus points will only be applied if the claim is made on the summary sheet and any proof required is enclosed with the entry.

7.3.1. **100% Emergency Power:** 100 points per transmitter classification if all contacts are made only using an emergency power source. Free transmitters that do not count towards the group's total do not qualify for bonus point credit. All transmitting equipment at the site must operate from a power source completely independent of the commercial power mains to qualify. (Example: a club operating 3 transmitters plus a GOTA station and using 100% emergency power receives 300 bonus points.)

7.3.2. **Media Publicity:** 100 bonus points may be earned for attempting to obtain publicity from the local media. A copy of the press release, or a copy of the actual media publicity received (newspaper article, etc) must be submitted to claim the points.

7.3.3. **Public Location:** 100 bonus points for physically locating the Field Day operation in a public place (shopping center, community park, school campus). The intent is for amateur radio to be on display to the public.

7.3.4. **Public Information Table:** 100 bonus points for a Public Information Table at the Field Day site. The purpose is to make appropriate handouts and information available to the visiting public at the site. A copy of a visitor's log, copies of club handouts or photos is sufficient evidence for claiming this bonus.



7.3.5. **Message Origination to Section Manager:** 100 bonus points for origination of a National Traffic System (NTS) style formal message to the ARRL Section Manager or Section Emergency Coordinator by your group from its site. You should include the club name, number of participants, Field Day location, and number of ARES operators involved with your station. The message must be transmitted during the Field Day period and a fully serviced copy of it must be included in your submission, in standard ARRL NTS format, or no credit will be given.

7.3.6. **Message Handling:** 10 points for each formal NTS style originated, relayed or received and delivered during the Field Day period, up to a maximum of 100 points (ten messages). Properly serviced copies of each message must be included with the Field Day report.

7.3.7. **Satellite QSO:** 100 bonus points for successfully completing at least one QSO via an amateur radio satellite during the Field Day period. Under the "General Rules for All ARRL Contests" (rule 3.7.2.), the no-repeater QSO stipulation is waived for satellite QSOs. Groups are allowed one dedicated satellite transmitter station without increasing their entry category. Satellite QSOs also count for regular QSO credit. Show them listed separately on the summary sheet as a separate "band."

7.3.8. **Alternate Power:** 100 bonus points for Field Day groups making a minimum of five QSOs without using power from commercial mains or a petroleum driven generator. This means an "alternate" energy source of power, such as solar, wind, methane or water. This includes batteries charged by natural means (not dry cells). The natural power transmitter counts as an additional transmitter. If you do not wish to it to increase your operating category, you should take one of your other transmitters off the air while the natural power transmitter is in operation. A separate list of natural power QSOs should be submitted with your entry.

7.3.9. **W1AW Bulletin:** 100 bonus points for copying the special Field Day bulletin transmitted by W1AW during its operating schedule during the Field Day weekend (listed in this rules announcement). An accurate copy of the message is required to be included in your Field Day submission. (Note: The Field Day bulletin must be copied via amateur radio. It will not be included in Internet bulletins sent out from Headquarters and will not be posted to Internet BBS sites.)

7.3.10. **Non-Traditional Mode Demonstrations:** A maximum of 300 bonus points (100 points for each demonstration up to three) for setting up a demonstration of a non-traditional mode of amateur radio communications. This includes modes such as APRS, ATV, and SSTV. This bonus is not available for demonstration of a mode for which regular QSO credit is available, such as PSK31.



7.3.10.1. A portable packet system may be included as one of the demonstration modes. This system must include a temporary, portable node separate from the existing packet infrastructure of your area.

7.3.11. **Site Visitation.** A 100 point bonus may be claimed if your Field Day sight is visited by an elected government official or representative of an agency served by ARES in your local community (Red Cross, Salvation Army, local Emergency Management, law enforcement, etc) as the result of an invitation issued by your group.

7.3.12. GOTA maximum achieved. A 100-point bonus may be claimed by a groups whose GOTA station completes the maximum allowable 400 QSOs.

8. Reporting:

8.1. Entries must be postmarked or emailed by July 23, 2002. No late entries can be accepted. A complete entry consists of:

8.1.1. An official ARRL summary sheet (or reasonable facsimile) which is completely and accurately filled out;

8.1.2. A list of stations worked by band/mode during the Field Day period (dupe sheet or an alpha/numeric list sorted by band and mode);

8.1.3. Proofs of bonus points claimed (copies of visitor logs, press releases, NTS messages handled, photographs, etc)

8.2. Complete station logs are not required for submission. The club should maintain log files for one year in case they are requested by ARRL HQ.

8.2.1. Cabrillo format log files are not required for Field Day entries.

8.3. Electronic submissions should be emailed to: FieldDay@arrl.org and should include, as attachments to the email, the required summary sheet and dupe files as well as document files and/or jpg/gif files of any bonus points claimed.

8.4. Paper submissions should be mailed to: Field Day Entry, ARRL, 225 Main St., Newington, CT 06111



9. Miscellaneous

9.1. The list of bulletin times for W1AW is included in this announcement. While W1AW does not have regular bulletins on weekends, the Field Day message will be sent according to the schedule included with this announcement.

9.2. See "General Rules for All ARRL Contests," "General Rules for All ARRL Contests on Bands Below 30 MHz," and "General Rules for All ARRL Contests on Bands Above 50 MHz" (November 2001 issue of QST) for additional rules.

9.3. Remember that the national simplex FM calling frequency of 146.52 MHz should not be used for making Field Day contacts.

9.4. The complete Field Day information package may be obtained by:

9.4.1. Sending a SASE with 4 units of postage to: Field Day Information Package, ARRL, 225 Main St., Newington, CT 06111;

9.4.2. By downloading from the Contest Branch home page at:
<http://www.arrl.org/contests/forms>

9.5. For additional Field Day information or questions contact: contests@arrl.org or phone (860) 594-0232.

Quote Quiz

Who said,

“Sometimes a cigar is just a cigar?”

(Answer on page 22)



Reading Phillies



The suggestion of a trip to see a Reading Phillies baseball game was made by Paul (NOKIA).

Before any plans are made, we would like to find out how much interest there would be for a trip like this. There are no formal dates or plans yet.

This trip would be open to members and any guests they would like to bring. A baseball game is a terrific way to spend time with family and friends !!!!!

If you dislike driving to Philadelphia and paying for gas, parking, food and tickets, then a trip like this is for you!!! Tickets, food, souvenirs and parking are reasonable in Reading, not to mention the proximity to the Lehigh Valley.

The players at the Reading Phillies games may be "moved up" at any time to the major league. Imagine getting to see the stars before they actually are stars !

If you are interested in attending a Reading Phillies baseball game, let's hear from you. Make your opinions known on the Monday Night Net, at the May meeting or via e-mail.



<http://www.readingphillies.com/index.shtml>



RACES / ARES / EMERGENCY COMMUNICATIONS and MORE

Chris (N3SIG) would like to present an EXCELLENT web site which has much information regarding Emergency Communications. The files are downloaded in *pdf* formats.

This site has information on (1) "Amateur Radio - Communications and Messaging Workshop," (2) "Surviving a Heating Failure," (3) "What is an EOC?" and (4) "Communication Without Power."

Go to:

<http://www.percs.bc.ca/Ops/>

TNX Chris for a GREAT site !!!!



The Yaesu VX-7R Makes Its Debut

Yaesu's popular VX-5R has an upgrade, the VX-7R. Thanks to Erik (AI3D) for the following sites which shows the new version.

http://www.strongsignals.net/access/content/rr_vx-7r.html

http://www.strongsignals.net/access/content/rr_vx-7r.html

Answer to Quote Quiz (see page 20)

Sigmund Freud



Website for Fun

de WA3KIF

I stumbled upon a web site called **Find A Grave**. No, this is not a joke. If you want to find the birth/death date of you favorite personality, how they died and where they are buried, this site is for you. Go to:

<http://www.findagrave.com/cgi-bin/fg.cgi?page=gs&>

Kids Say The Darndest Things

(from an e-mail from Clarence - W3PYF)

TNX Clarence !

A little child in church for the first time watched as the ushers passed the offering plates. When they neared the pew where he sat, the youngster piped up so that everyone could hear: "Don't pay for me Daddy, I'm under five."

A little girl became restless as the preacher's sermon dragged on and on. Finally, she leaned over to her mother and whispered, "Mommy, if we give him the money now, will he let us go?"

The Sunday School Teacher asks, "Now, Johnny, tell me frankly, do you say prayers before eating?" "No sir," little Johnny replies, "I don't have to. My Mom is a good cook."





First Fox Hunt of the 2002 Year



The first Fox Hunt of the 2002 year was held on Friday April 26. Participants met at South Mountain Middle School and the hunt at the signal from Erik, AI3D, a.k.a., "The Fox." There

were three teams which included Dan (N3TNO), Hal (WZ3L and Rod (KB3HFZ) in one vehicle, "Team Bigg," with Bill (KA3RBH) and Phil (KB3HMK) and finally, Larry (K3LAR) and Mark (WA3KIF). Erik was accompanied by Bruce (KB3FIH).

The event lasted for over 90 minutes with sights of accidentally turned antennas and flapping tape measure elements visible as the hunters tried to determined the right direction.

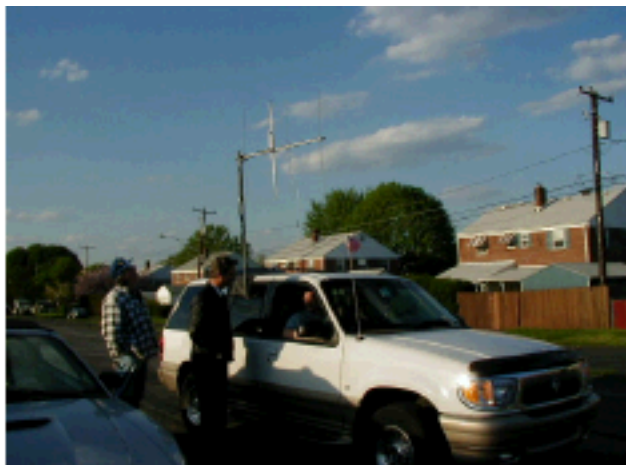
The first team (Dan, Hal and Rod) found the fox first with Bill and Phil being second. Team Miller finally had to be "talked into" the fox's lair.

Erik and Bruce were comfortable at Canal Park in East Allentown (under the Hamilton Street Bridge) where Erik had a remote transmitter tied to a tree.

All met at Friendly's on Lehigh Street where we all vowed to get revenge and do it again very soon!!



The Bill (KA3RBH) and Phil (KB3HMK) Mobile



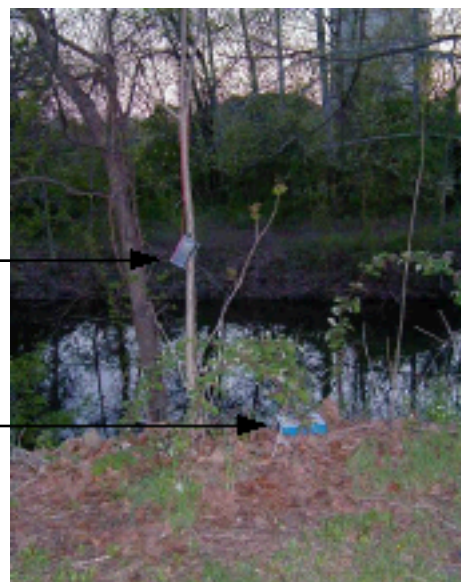
Dan (K3TNO) in Hal's (WZ3L) Fox Hunt vehicle.



Mark (WA3KIF) with the infamous "tape measure" antenna

FINALLY - the transmitter ...
in a tree !?!?!?!?!?

Note the antenna mounted
on a box on the ground.



**Pictures, courtesy of
Rod (KB3HFZ)**



LEHIGH VALLEY HAMS PROVIDE COMMUNICATIONS FOR THE MS WALK IN ALLENTOWN

Under the coordination of Jeff (N3QZT), Lehigh Valley amateur Radio operators provided communication for the MS Walk in Allentown. Twelve hams met in the Lehigh Parkway on a beautiful day in May (May 5) where they received their assignments. The "Walk" ran smoothly with the exception of a few minor incidents. Participating in the walk were: Jeff (N3QZT), Mark (WA3KIF), Jim (KB3BYU), Bob (KE3AW), Jeff (N3MFT), Bryan (AA3WM), Bruce (KB3FIH), Larry (K3LAR), Joe (W3JD), Bruce (KA3ONZ), Chris (N3RPV) and Jim (KA3UQP).

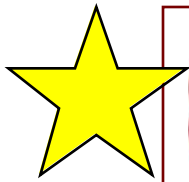


Left to Right

Larry (K3LAR)
 Jim (KA3UQP)
 Jeff (N3MFT)
 Bruce (KB3FIH)
 Chris (N3RPV)
 Jeff (N3MFT) and
 Bryan (AA3WM)

Not pictured:

Jim (KB3BYU)
 Bob (KE3AW)
 Bruce (KA3ONZ)
 Mark (WA3KIF)
 and
 Joe (W3JD)

**MS 150**

**On the weekend of June 8th & 9th 2002,
the MS 150-2002 bike tour will be held.**

de

Jeffrey L. Keller

This two-day event (with dinner, breakfast and lodging provided) is one of the largest public service events, and we can use everyone's help.

This year, the bikers will be following a new route that starts in Trexlertown at the Velodrome and end at Kutztown and then back the opposite direction the next day. So a lot of the early morning travel time is gone, and hopefully this will make it easier for you to participate in the event.

Your participation in the event can vary from a one day or two day assignment and can involve manning and ambulance and helping us keep in contact with them or riding on one of the sag busses (for the tired bike riders) to maintaining communications to any one of the rest stops along the route.

Our job with the bike tour is to provide communications for safety and also for logistical support.

Why not give it a try this year? We can sure use your help!!!

n3qzt@ptd.net
Amateur Call N3QZT

Editor's Note: I volunteered for this event last year and enjoyed it very much. We were kept busy handling lots of messages and information. The MS people count on us. The new route this year will lend to more volunteers from LVARC. Consider helping out for this event. you can volunteer of one or two days. **CONTACT JEFF and OFFER YOUR SERVICES!**



We are well into my second year as president of the LVARC. I am proud of all the members who continue to make our club successful !!!

Our membership grows as does our treasury. We continue to have both well-attended meetings and social and amateur related activities.

The web site remains a main source for the newsletter and membership and club activity information. We anticipate a tremendous Field day, 2002!!! We have visited the Hospital at Christmas and

assisted in county disasters.

Members have risen to all occasions !!! This speaks to the unity and pride in the club, our hobby and the individuals involved.

I have printed this before but it must be said again. **It is because of YOU, the members, that the LVARC continues to prosper.**

Consider volunteering for a community activity, submit an article for the newsletter etc.

Thank you and let's keep the momentum going !!!!!

Lehigh Valley Amateurs Participate in Limerick Drill

Area RACES members participated in the Limerick Drill on Tuesday May 7, 2002. The drill began about 5:00 pm and closed about 10:00 pm local time. Many LVARC members checked into the net from the monthly LVARC meeting. Members were "deployed" to 14 sites around the Lehigh County. Although "simulated," and members did not actually travel to the sites, the drill was considered a success. Net control was operated from L.C. EOC with Ed (KD3NH) acting as the Net Control operator along with Jeff (N3MFT) and Jim (KA3UQP). TNX goes Dick (KA3MOU) and members of the DLARC who supplied operators to "cover" sites left unmanned. (*Sorry if I missed any operators who participated*).