

FOND DU LAC AMATEUR RADIO CLUB NEWSLETTER



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JUNE 2006

Join Us On Sunday Evenings For Our Weekly Net – 1930 hrs 145.430 MHz – Tone 107.2

Walleye Weekend A Hit

Dennis Paulin and Louis Simon set up the Club Station in the “Yellow Banana” at Lakeside Park for Walleye Weekend on Saturday, June 10th. Operators on Saturday included Dennis, Louis, Dave Witt, Steve Smith. Operations began at 10 a.m. and continued until the bands closed about 2:30 p.m. (Dennis’ voice also gave out.)

Stations were, for the most part, “piled up” to make contact with W9EBV, during our dual celebration of “50 Years as an Amateur Radio Club” and the Walleye Weekend Fishing Tournament event. A total of just over 100 contacts were made on Saturday, with stations in the U.S. and Canada—most were on 20 meters. Band conditions were a little “up and down” and the QRM was, at times, overwhelming.

The plan is for operations to resume on Sunday morning about 9:30 a.m.

Club Takes 1st in WI QSO Party!

Gene Olig reports that he has received confirmation that the Club achieved First Place in the Wisconsin QSO Party. More information and details will follow.

June Meeting

The June Meeting of the Fond du Lac Amateur Radio Club will be held on Monday, June 12th at 7 pm at Moraine Park Technical College.

Get Ready for Field Day

FIELD DAY 2006 IS FAST APPROACHING! Planned for Saturday, June 24th and Sunday, June 25th, the annual 24 hour event should provide ample fun and camaraderie for every Club member who participates!

The Club has been issued the call W9W for Field Day this year. We are considering special QSL cards or certificates that can be used to answer incoming QSL cards from contacts made during the event. (*See one possible ‘look’ for this card on page 4.*)

We would like to take a “Club Group Photo” sometime during the event. A print of the photo could be made available to all members and might also be used on the front of a special Club Field Day QSL card. The time that the photo will be taken has not yet been determined, but all members are encouraged to be present for the photoshoot.

Dennis Paulin, KB9OFM, is in charge of organizing Field Day again this year and has a plan worked out for the location of the various tents and the Club communications van. More details are expected at the Club meeting on Monday night.

Our Field Day “encampment” will again be set up in the North parking lot behind the University of Wisconsin, Fond du Lac, science building.

A prime focus this year will be the GOTA (Get on the air) station, where the public is invited to get some “first hand on-the-air experience” and learn what Amateur Radio is all about. The Club will issue a press release announcing the event, our location and inviting public participation. The GOTA station will use the Club’s W9EBV call.

County and Local elected officials will also be invited to stop in and see Club members at work on Field Day.

Our goal is to be First in the State in Class 2A for Field Day again this year! We need your help to make it happen!

Member Profile

Doug Schultz N9EZF

Licensed since 1983, Doug is an active member of the FDL ARC, our county ARES/RACES team, and the ARRL/VEC program. Since qualifying as a VE (volunteer examiner) in 1990, Doug has given amateur radio tests to over 250 people.

Doug first became interested in radio in the late 50's. Both he and his brother-in-law started building Knight Kits...their first was an Ocean Hopper receiver. His interest in amateur radio was sharpened in 1962, when he listened first-hand to the earthquake news coming out of Alaska. Doug was in seventh grade at the time, but has never forgotten the impact of those signals.

As was the story with many budding amateurs, school, college (he earned a BS degree in Education) and marriage to Linda, came between him and amateur radio...

Until 1983—when he saw an ad in the newspaper for amateur radio classes at FDL High School. Doug signed up for the course, which was taught by Jeff Hoeft K9NC. Jeff's classes consisted of 15 minutes devoted to code and the rest of the time devoted to theory. Jeff gave the Novice test himself at the end of the course. Doug passed and was issued his Novice call: KA9QZQ.

Doug says he spent about the next year on 40 meter CW, talking with people around the world. He also had a local friend that he used to talk with regularly and checked into a 15 meter CW net that met on Sunday nights.

In 1984, at the first VE session in the area (held in Sheboygan) he passed the General test, including the 13 WPM code element, changed his call to N9EZF and “discovered” phone.

He upgraded to Advanced Class at a testing session in Wauwatosa in 1986.

And in 1986 Doug also participated in his first Field Day. He says he “was up all night and had a ball.” He's been active in Field Day ever since. Doug works Phone mode during the annual Field Day exercise. Although still proficient in CW, he uses it for rag chewing, but not for contesting.



Doug working Field Day last year...and telling stories about “the good old days” during a break in the action.

By 1988 he had “Worked All States” on phone and earned his DXCC Award in 1989 with 110 countries worked.

In 1990 he helped restart the FDL ARC, which had been inactive between 1987 and 1990. He's been a member ever since and teaches classes to help interested people become new amateurs (and new Club members).

In 1993 he earned his Extra Class license.

Doug is still married to Linda and they have two fine sons. He works for Wells Manufacturing as a Senior Buyer in the Purchasing Department. (Doug worked for Mercury Marine as a Buyer from 1977 though 1998.)

Doug has served our Club as President and as a member of the Board of Directors, and was voted “Ham of the Year” in 1996.

FOND DU LAC AMATEUR RADIO CLUB

Minutes of May 8, 2006, Meeting

The May 8, 2006 meeting was held at Moraine Park Technical Institute. President Gene Olig called the meeting to order at 7:00 p.m.

Minutes

Gene asked for any additions or corrections to the April minutes as published in the club newsletter. There were no corrections or additions voiced. Dave Witt made a motion to approve; second was made by Ed Beltz and motion passed on voice vote.

Treasurer's Report

Steve Smith reported the truck fund balance of \$-48.82, repeater fund of \$1064.55, emergency services fund of \$559.68 and general use fund of \$969.83, (\$25 petty cash, and \$25 savings – in General Use Fund total). Total balance reported - \$2545.24. Motion was made to approve treasurer's report by Jack Heil, seconded by Doug Schultz. Motion passed on voice vote.

County Hunting

Jeff Bechner was presented a certificate for 150 counties. Gene Olig gave a report on the national convention.

Repeater

Jack Heil will continue to pursue the Bible Press agreement.

ARES/RACES

The next meeting will be held 5/22//2006, 7 p.m., at Jack's lab.

Red Cross

Gene Olig reported that the rotor was fixed under warranty. Lloyd Vandervort will look at the AH4 tuner.

Testing

Doug Schultz reported testing will be May 13, 2006, 9 a.m. at NFDL. The cost is \$14.

Field Day

Gene Olig reported on banners for Field Day as 1-1/2 x 3 approximately \$50 and 18 x 24 at \$20. Jack Heil said that Econoprint has corrugated plastic signs for \$10. Motion was made by Ed Beltz to buy 5 signs to enhance Field Day from Econoprint and Lloyd Vandervort seconded motion. Motion passed on voice vote. The porta-potty is already secured by Doug Schultz. Dennis Paulin presented the potential grounds layout for field day. Dave Witt and Gene Olig will contact Carol Roessler and John Townsend. Dave Witt has requested a 1 x 1 call, W9W for Field Day. Dennis will be checking on the trailers.

New Business

The question pool for the technician class testing changes July 1, 2006. Discussion was held regarding presentation of classes for Tech training. A decision will be made at the next club meeting on who will be teaching and presentation of material. Prices for technician books will be checked at Dayton.

Old Business

Gene Olig reported badges in recognition of 50 years can be made at a cost of approximately \$4. Ed reported that caps will cost \$15.20. A list was passed around for signup for badges and caps. A 50-year club member picture will be taken at Field Day. Dennis Paulin gave an update on his plans to organize historical artifacts. Louie Simon is redesigning the website and if anyone has questions, please contact Louie.

Adjournment

There being no further business to discuss, motion to adjourn was made by Dave Witt, seconded by Ed Beltz. Meeting was adjourned at 7:52 p.m.

Respectively submitted

Dottie Olig K9FDL

Secretary-FDL Amateur Radio Club



Fond du Lac Amateur Radio Club

Celebrating Fifty Years • 1956-2006



Here is a “possible look” for our special 50 Anniversary Field Day Card. This is one of many items that will be discussed at the Club Meeting on Monday, June 12th. The card would be printed after Field Day is complete and we’ve had a chance to select a “really good” group photo from the shots taken during Field Day. *Disclaimer: The individuals shown here are not actual FDL ARC Club members.*



ARRL
The national association for
AMATEUR RADIO

Field Day
June 24 – 25, 2006

Always the fourth full weekend in June

For Information contact:

Field Day Information
ARRL
225 Main St.
Newington, CT 06111
Contests@arrl.org

Dan Henderson, N1ND
(860) 594-0232
n1nd@arrl.org

Field Day 2006 Rules

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 60, 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 2006 will be held June 24-25, 2006.**

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 Field Day period.

4. Entry Categories: Field Day entries are classified according to the maximum number of *simultaneously* transmitted signals, followed by a designator indicating the nature of their individual or group participation. A maximum of 20 transmitters are eligible for the purpose of calculating bonus points (2,000 points maximum). However, additional transmitters may be used simultaneously in determining your entry category. Switching and simulcasting devices are prohibited.

4.1. (Class A) Club / non-club portable: Club or a non-club group of three or more persons 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. A single licensee or trustee for the entry is responsible for the group entry. All equipment (including antennas) must lie within a circle whose diameter does not exceed 300 meters (1000 feet). To be listed as Class A, 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 as Class A-Commercial.

4.1.1. Get-On-The-Air (GOTA) Station. Any Class A (or F) entry whose transmitter classification is two or more transmitters may also operate one additional HF 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. The GOTA station must use only one callsign for the duration of the event. The GOTA station uses the same exchange as its parent.

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. 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 500 QSOs made by this station may be claimed for credit by its primary Field Day operation. In addition, bonus points may be earned by this station under rule 7.3.13.

4.1.1.6. The GOTA station may only operate on the Field Day HF Bands. Only one transmitted signal is allowed from the GOTA station at any time.

4.1.1.7. The GOTA station does not affect the additional VHF/UHF station provided for under Field Day Rule 4.1.2 for Class A stations.

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.

4.1.1.9. The GOTA station does not qualify as an additional transmitter when determining the number of transmitters eligible for the 100-point emergency power bonus under Rule 7.3.1.

4.1.2. Extra VHF Station: Any Class A entry whose 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 or non-club group of three or more persons 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. Class AB is eligible for a GOTA station if those requirements are met.

4.3. (Class B) One or two person portable: Club or non-club station set up and operated for Field Day purposes by no more than two persons. Other provisions are the same for Class A except it is not eligible for a GOTA or free VHF station. One and two person Class B entries will be listed separately.

4.4. (Class B - Battery) One or two person portable: Club or non-club station set up and operated by no more than two persons. 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 for Class A except it is not eligible for a GOTA or free VHF station.. 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. If the Class C station is being powered from a car battery or alternator, it qualifies for emergency power but does not qualify for the multiplier of 5, as the alternator/battery system constitutes a motor-driven generating system.

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, E and F Field Day stations.

4.7. (Class E) Home stations - Emergency power: Same as Class D, but using emergency power for transmitters and receivers. Class E may work any class station.

4.8. (Class F) Emergency Operations Centers (EOC): An amateur radio station at an established EOC activated by a club or non-club group. Class F operation must take place at an established EOC site. Stations may utilize equipment and antennas temporarily or permanently installed at the EOC for the event. Entries will be reported according to number of transmitters in simultaneous operation. Eligible for a GOTA and free VHF station at Class 2F and above.

4.8.1. For Field Day purposes, an Emergency Operations Center (EOC) is defined as a facility established by:

- a) a Federal, State, County, City or other Civil Government, agency or administrative entity; or
- b) a Chapter of a national or international served agency (such as Red Cross or Salvation Army) with which your local group has an established operating arrangement.

4.8.2. Planning of a Class F operation must take place in cooperation with the staff of the EOC being activated.

4.8.3. Other provisions not covered are the same as Class A.

4.8.4. A Class F station may claim the emergency power bonus if emergency power is available at the EOC site.

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 may not contact for QSO credit any station from which they also participate.

6.2. A transmitter/receiver/transceiver 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. Phone, CW and Digital (non-CW) modes on a band are considered as separate bands. A station may be worked only once per band under this rule.

6.4. All voice contacts are equivalent.

6.5. All non-CW digital contacts are equivalent.

6.6. Cross-band contacts are not permitted (Satellite QSOs cross-band are exempted).

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. To claim the power multiplier of five, the batteries must be charged from something other than a motor driven generator or commercial mains.

6.10. All stations for a single entry must be operated under one callsign, except if a dedicated GOTA station is operated as provided under Field Day Rule 4.1.1, it uses a single, separate callsign.

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. The power multiplier for an entry is determined by the maximum output power used by any transmitter used to complete any contact during the event. (Example: a group has one QRP station running 3 Watts and a second station running 100 Watts, the power multiplier of 2 applies to all contacts made by the entire operation).

7.3. Bonus Points: All stations are eligible for certain bonus points, depending on their entry class. The following bonus points will be added to the score, after the multiplier is applied, to determine the final Field Day score. Bonus points will be applied only when the claim is made on the summary sheet and any proof required accompanies the entry or is received via email or normal mail delivery.

7.3.1. 100% Emergency Power: 100 points per transmitter classification if all contacts are made only using an emergency power source (**maximum 2,000 points.**) **Free transmitters do not count towards the group's total. GOTA station and free VHF Station for Class A and F entries 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.) **Available to Classes A, B, C, E, and F.**

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. **Available to all Classes.**

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

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. **Available to Classes A, B and F.**

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. The Section Manager message is separate from the messages handled in Rule 7.3.6. and may not be claimed for bonus points under that rule. **Available to all Classes.**

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. The message to the ARRL SM or SEC under rule 7.3.6. may not be counted in the total of 10 for this bonus. **Available to all Classes.**

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." You do not receive an additional bonus for contacting different satellites, though the additional QSOs may be counted for QSO credit. The QSO must be Earth-Satellite-Earth in nature. **Available to Classes A, B, and F.**

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 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. **Available to Classes A, B, E, and F.**

7.3.9. W1AW Bulletin: 100 bonus points for copying the special Field Day bulletin transmitted by W1AW (or K6KPH) 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.) **Available to all Classes.**

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. **Available to Classes A, B, and F.**

7.3.10.1. This bonus is not available for demonstration of a mode for which regular QSO credit is available. **PSK31 is not eligible as a demonstration bonus as it is now in wide-spread use and is eligible for regular QSO credit.**

7.3.10.2. A complete portable packet system may be included as one of the demonstration modes. This system must include a temporary, portable node and must be completely separate from the existing packet infrastructure of your area. Simply setting up a packet station does not qualify as a demonstration mode.

7.3.10.3. Demonstration modes may not include communications carried outside of the amateur radio spectrum (such as Internet relay).

7.3.10.4. Frequency bands, such as 10 GHz are bands, not modes of communications and do not qualify for the demonstration mode bonus.

7.3.11. Site Visitation by an elected governmental official: A 100-point bonus may be claimed if your Field Day site is visited by an elected government official as the result of an invitation issued by your group. **Available to all Classes.**

7.3.12. Site Visitation by a representative of an agency: A 100-point bonus may be claimed if your Field Day site is visited by a 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. **Available to all Classes.**

7.3.13. GOTA Bonus. Class A and F stations operating a GOTA station may earn the following bonus points:

7.3.13.1. When a GOTA operator successfully completes 50 QSOs, they receive 50 bonus points. Upon reaching 100 QSOs the same operator receives an additional 50 bonus points, for a maximum of 100 Bonus points per GOTA operator. An operator may make more than 100 QSOs but the QSOs over 100 do not qualify for an additional bonus.

7.3.13.1.1. Additional GOTA operators may earn the 50 or 100 GOTA bonus points under this rule, up to the maximum of 500 bonus points. (Remember that there is a 500-QSO limit for the GOTA station. But no single GOTA operator may earn more than 100 of the GOTA bonus points except as provided in 7.3.13.2.

7.3.13.1.2. A GOTA operator must complete all 50 QSOs required before the bonus is earned. There is no "partial credit" for making only a portion of the 50 QSOs.

7.3.13.2. If a GOTA station is supervised full-time by a GOTA Coach, the bonus points earned for each 50 QSOs completed under rule 7.3.13.1 will be doubled.

7.3.13.2.1. The GOTA Coach supervises the operator of the station, doing such things as answering questions and talking them through contacts, but may not make QSOs or perform logging functions.

7.3.13.2.2. To qualify for this bonus, there must be a designated GOTA Coach present and supervising the GOTA station at all times it is being operated.

7.3.14. Web submission. A 50-point bonus may be claimed by a group submitting their Field Day entry via the www.b4h.net/cabforms web site. **Available to all Classes.**

7.3.15. Field Day Youth Participation.

7.3.15.1. A 20-point bonus (maximum of 100) may be earned by any Class A, C, D, E, or F group for each participant age 18 or younger at your Field Day operation that completes at least one QSO.

7.3.15.2. For a 1-person Class B station, a 20-point bonus is earned if the operator is age 18 or younger. For a 2-person Class B station, a 20-point bonus is earned for each operator age 18 or younger (maximum of 40 points.) Keep in mind that Class B is only a 1 or 2 person operation. This bonus does not allow the total number of participants in Class B to exceed 1 or 2.

8. Reporting:

8.1. Entries may be submitted to the ARRL in one of three ways:

8.1.1. Via Field Day Web Submission Applet site at www.b4h.net/cabforms/;

8.1.2. Via email to fieldday@arrl.org; or

8.1.3. Via land postal or delivery service to Field Day Entries, 225 Main St, Newington, CT 06111.

8.2. Entries must be postmarked, emailed or submitted by July 25, 2006. Late entries cannot be accepted.

8.3. A complete Field Day Web Applet Submission site entry consists of:

8.3.1. An official ARRL summary sheet which is completed on the site;

8.3.2. Supporting information must be emailed to fieldday@arrl.org or submitted by land service.

Supporting information must include:

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

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

8.4. A complete non-applet email submission consists of:

8.4.1. An electronic copy of an ARRL summary sheet completely and accurately filled out;

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

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

8.5. A complete land postal or delivery submission consists of:

8.5.1. A complete and accurate ARRL summary sheet;

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

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

8.6. 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.

8.7. Cabrillo format log files are not required for Field Day entries. They will be accepted in lieu of the dupe sheets but do not substitute for a summary sheet.

8.8. Digital images of proof of bonus points are acceptable.

8.9. Electronic submissions are considered signed when submitted.

9. Miscellaneous:

9.1. The schedule 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. The W1AW bulletins will be transmitted on the regular W1AW frequencies listed in *QST*. **The PSK31 bulletin will be transmitted on the W1AW teleprinter frequencies.**

9.1.2. The special Field Day bulletin will be transmitted from station K6KPH on the West Coast as included in the bulletin schedule.

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" for additional rules (www.arrl.org/contests/forms).

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; or

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

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