



***BAARC - USS OK & USS
BATFISH ARCS JOINT
2022 FIELD DAY
CALL SIGN
WW20K***

WHEN

Field Day June 25-26, 2022

Start: 1800 UTC Saturday

End: 2059 UTC Sunday

*Always the fourth full weekend in
June*

OBJECTIVE

To work as many stations as possible on the 160, 80, 40, 20, 15 and 10 Meter HF bands, as well as all bands 50 MHz and above, 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.

Field Day History

- First Field Day in 1933
- Started simple with few participants and low scores (by today's standards)
- Annual tradition that grew and grew
- **The most popular ham event of the year**
- **40,000+ on the Air**
- Detailed history in Dec. 99 QST, p. 28:

WHO IS WELCOME

OPEN TO ALL Licensed Hams and visitors

Members and Non Members are welcome to visit and operate on the stations available. There will be an onsite sign up sheet at each club transmitter and a signup sheet if you have a mode and time in mind.

If you would like to operate--- just ask and we will try to find you a slot

Let Wade WA5DE or me W5BM know that you are coming and how you would like to participate (sign-up sheet)

WHERE

Behind the Garden House in the
field North of Asbury Methodist
Church 6767 Mingo Road

Field Immediately North of the
Garden House 9836 E 66th



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CHURCH

Google earth



1000 ft

BAARC
Antenna

150 ft

TENT

Field Day Site

Field Day
Parking

GARDEN HOUSE

ASBURY
NORTH CHURCH PARKING

S. MINGO

E. 66th

Google earth

TIMING

Site preparation (mowing) will begin Friday morning June, 24th. This is not considered part of Field Day setup.

Site setup begins after 1:00 PM FRIDAY JUNE 24.

Op begins 1:00pm SATURDAY JUNE 25

Ends 1:00pm SUNDAY JUNE 26

TIME SCHEDULE

- .Before Friday at 1:00 pm ---MOW the area?, signs and other site preparations.**
- .After 1:00 pm Friday, June 24---SET-UP Antennas, Tent, Tables, Chairs, Fan (Prepare operating Sites)**
- . Friday around 6 pm order pizza? (DUTCH?), Some may want to test antennas, logging by operating Friday evening?**

8:00am Saturday ... Breakfast- Pancakes, sausage eggs Bruce (2) Bierma, KG5CZT is our chef for the event email Tom Wolf, KF5TIZ twolf@ncghq.com

RSVP

Schedule Continued

9:00ish finish Setup Generators, Stations Logging network, prep to get on the air

11:30 pm Sandwich making supplies will be out (tent Area) attendees we need lettuce, tomato, Onions, pickles email Tom Wolf, KF5TIZ, twolf@ncghq.com rsvp and what you can bring

12:00 Field Day Op Meeting (under tent)

.1:00 pm Saturday Start FD operating

Schedule Continued

- **6:00+- pm Saturday Burger Hotdog cookout attendees we need lettuce, tomato, Onions, pickles, dessert, etc. (Garden House Area) please email Tom, KF5TIZ, twolf@ncghq.com RSVP and what you can bring**
- **7:00 pm+- Earl's Homemade Ice Cream**
- **8:00am Sunday ... Breakfast- Pancakes, sausage eggs Bruce 2, KG5CZT is our chef for the event email Tom, KF5TIZ twolf@ncghq.com RSVP**
- **Sunday 1:00 pm (24 hour continuous operations) ...CEASE OPERATIONS, and begin take down and CLEAN UP. All hands on deck!**

FIELD RULES & Exchange

Entry Categories

These are based on:

- Number of transmitters operating simultaneously &
 - Class of Operation such as A, B, C, D, E, F depending on power source, and type operation, are the main criteria.

Examples: Home station, Club Station, Emergency Management station, etc.

8 Classes of operation

Class A – club or non club portable station with 3 or more operators, using 100% emergency power

- ***This is our class – we will be using gasoline generators***

Class A (battery) – same, 5 watts max; battery

Class B – portable station with 1 or 2 operators, using 100% emergency power.

Class B (battery) – same, 5 watts max; battery.

Class C – mobile station

Class of operation (cont.)

Class D – fixed station on commercial power
(Home)

Class E – fixed station on emergency power.
(Home)

Class F – operation from an established
Emergency Operations Center.

ARRL Sections

71 Sections

Basically each US state and Canadian province.

Each state may be divided into several sections

- Ohio is one section
- New Jersey is 2 sections
- Texas is 3 sections
- New York is 4 sections
- California is 9 sections

A printed list section abbreviations in last QST and also will be provided at each op position

The Contact “Exchange”

- In order to make a valid contact, the information to be exchanged consists of
 - Number of transmitters at your site
 - Class of operation
 - ARRL Section

Examples

- On CW or Digital— 3A OK (No signal report)
- On phone – Three Alpha, Oscar Kilo Or
Three Alpha, Oklahoma

Field Day Scoring

- 1 point for each Voice contact
- 2 points for each CW or Digital contact

Add total points for all QSOs

- Multiplier is power level

QRP (max 5 watts) without gas generator or commercial mains – 5x

QRP with gas generator or commercial power or batteries charged from either – 2x

– Low Power (< 150 Watts) – 2x

– High Power (> 150 Watts) – 1x

Add bonus points

Rule Changes for ARRL Field Day 2022

All Field Day stations are limited to a maximum 100 watts Peak Envelope Power (PEP) transmitter output, regardless of operating class.

Class D stations can contact any other station for QSO points.

Media Publicity bonus point criteria have changed (see 7.3.2).

Individual stations can contribute their scores to an aggregate score of their club by supplying the club's name on the entry form at time of entry. List Club as **BA-USS BATFISH ARCS**

Bonus Points

- 100% Emergency Power – 100 points per xmtr (GOTA, VHF and Satellite not incl.)
- Media Publicity – 100 points
- Public Location – 100 points
- Public Information Table – 100 points
- Originating formal message to SM – 100 points
- Handling formal messages – 10 points each, max 100 points

Bonus Points (cont.)

- Satellite QSO (just 1) – 100 points
- Natural power: solar, wind, methane, water, human powered bicycle, - 100 points
 - Need to make 5 contacts minimum
 - Counts as one of the transmitters
 - Includes batteries charged by alternate power

Bonus Points (cont.)

- Copying special FD bulletin on W1AW
 - (must be copied over the air) – 100 points
- Educational Activity – 100 points
- Site visit by elected government official – 100 points
- Site visit by served agency rep. – 100 points

Bonus Points (cont.)

- GOTA Station 20 point Bonus per 20 QSOs up to 100 points each operator .. X2 if full time GOTA Coach
- Web submission of FD Entry – 50 points
- Youth participation: 20 points per youth (18 or younger) who completes at least one contact (max. 100 points).
- Social Media Promotion of FD Site -100 Points
- Safety Officer -completes safety Check List -100 pts

Misc. Rules.....

No contact between FD station and individual participant of that station.

Radios cannot be used for more than one call sign during FD period.

Phone, CW, and Digital are considered separate “modes”

All voice contacts (SSB, FM, AM, Satellite) are equivalent (1 point each).

Misc. Rules (cont..)

- All digital contacts (PSK31, FT8, MT63, Packet, Pactor, etc.) are equivalent (2 points each)
- No cross-band contacts (exc. Satellite)
- Only one xmtr per band-mode at any time (GOTA ok)
- No contacts on repeaters
- Batteries may be charged while in use, but not from commercial mains (exc. Class D)
- All stations must use same call sign (except GOTA)

Limitation

- Can only work each station once per band-mode
- For example, you can work each station once on 20M phone, once on 20M CW, and once on 20M digital mode (total 5 points).
- You can work the same station on other frequency bands and modes for additional points.

What Can You Do

.PARTICIPATE

- .Be Helpful where you can.**
- .Welcome Guests wanting to know more about Amateur Radio.**
- .Operate a station or Log contacts for someone operating.**
- .Educate yourself prior to Field Day.**
- .Ask Questions about things you do not know.**
- .Assist in Setup and Takedown.**
- .Help make sure all equipment, operating aids and other items are returned to the appropriate person.**

Have Fun! Enjoy the event

CONTACT INFORMATION

**Dan, W5BM,
dawoods@ix.netcom.com**

Wade, WA5DE, kf5if@cox.net