
2021 Winter Field Day

David Sarnoff Radio Club
Bob Cardone N2EIM

WFD Overview

- **Purpose:** Foster Ham camaraderie, practice field operations, emergency operations preparedness and just plain fun outdoors or indoors if you prefer.
- **When:** From 1900 UTC (2PM Saturday) January 30, 2021 to 1900 UTC (2pm Sunday) January 31, 2021.
- **Bands:** All Amateur Bands, HF, VHF & UHF except 12, 17, 30 and 60 meters.

Covid 19 Pandemic Scoring Changes for Clubs

- You may have a “club” score tallied by having individual members fill in the “CLUB:” line in their Cabrillo log file.
- Individual members would send in a log under their own callsign (operating under their own privileges) with the name or callsign of the group noted on the “CLUB:” line.
- Your individual members’ logs and scores will be tallied and posted as well (each under their own call), the same as any other entrant.
- **We will all use: David Sarnoff Radio Club**

Modes and Suggested Frequencies

- Any mode that can faithfully transmit the exchange intact without a conversion table ... CW, SSB, AM, FM, DStar, C4FM, DMR, Packet, PSK, SSTV, RTTY, Olivia, Satellite, JS8CALL, etc.
- No FT8 or FT4.

Suggested Frequencies

- HF CW 1.810-1.820, 3.530-3.550, 7.030 -7.050, 14.035 - 14.055, 21.030-21050, 28.030-28.040.
- HF SSB - lowest 30khz of the US General Class Phone bands (160m-15m) 28.400-28.425MHz (10m).
- 6m/VHF/UHF - adjacent to, but not on, nationally recognized simplex calling channels.

Entry Categories

- **Indoor (I):** Operation from inside a remote, insulated, heated or cooled, and weather-protected structure where an Amateur station is normally not available. (Park buildings/cabins, community center, senior center, cottage, etc). An EOC or Club shack may be utilized, providing all equipment used is set up by the contestants.
- **Outdoor (O):** Operation from a location partly or fully exposed to the elements and at least 30 feet away from your normal station location and not using any part of a previously erected antenna system or ham station. A campground, park pavilion, canopy, picnic table, tent, pop-up camper, or a backyard shed/tent/deck, etc may be used. Operation from a car/truck/van/boat (mobile or not) is considered “outdoor”.
- **Home (H):** Operation from inside a home or inside another structure attached to a home that could or would be the usual location of an Amateur station (garage, sunroom, etc), generally using a previously erected antenna system. A “Home” entrant may still be eligible to claim the “alternate power” bonus if not using commercial power. Use of any pre-existing (on site) or permanently installed antenna system or station components renders your station a “Home” station.

Class

- Your entry Class is a number designated by the number of stations that are capable of simultaneous transmission at your WFD site

Examples:

- If you only have one station set up, but plan on using it on several bands and modes (example: 160-2m, CW, SSB, FM, Digi, etc), the number in your exchange would be “1”.
- If you have 10 stations set up and operators working at all of them, regardless of bands, and modes, the number in your exchange would be “10”.
- If you have only two operators, but have two HF stations set up and a third and possibly fourth station dedicated to VHF, UHF, or a Satellite contact, your exchange number would be “2”, as one op would have to leave a station idle to make contacts on the other.

Examples of Exchanges

Your WFD exchange will be a combination of your “class” and “category” and your ARRL/RAC section using an appropriate letter designator or phonetics (examples: 1I, 2H, 5I, 6O, 3H, 9I, etc)

- Call sign, Class + Category, ARRL Section (or DX).
 - Phone Example: K4YM this is KB8X, we are Two Hotel, Ohio
 - CW Example: K4YM de KB8X 2H OH

QSO Points

- QSO Points
 - 1 point per phone QSO
 - 2 points per CW/digital QSO
 - Bonus: 1500 points if commercial power not used (Note: logging computers may use commercial power)
 - Bonus: 1500 points if outdoors
 - Bonus: 1500 points if not at home
 - Bonus: 1500 points for satellite QSO (once only)
- Multipliers
 - One for each mode operated per band (Note: Working the same station in multiple modes on any one band will result in "dupes" in your log)
 - Power: QRP 5w:4x, LP 100w:2x, HP>100w:1x
- Total Score = (total QSO points x band/mode mults x power mult) + sum of bonus points

Example of Mode/Band Multipliers

Count 1 multiplier for each mode operated per band.

Operating CW and Phone on 80, 40, 15 and 10 meters = 8x,

CW and PSK31 on 20m = 2x

FM on 2 meters and 70cm = 2x

Would be a total Mode/Band multiplier of 12x.

Log Submission Deadline and Contents

- Logs must be submitted to mail to:wfda@winterfieldday.com via email before 0000 UTC March 1st
- Emailed Logs should contain the following in the subject line... "WFD 2021 Log K8XXX" with K8XXX being the callsign you used for the event
- Logs MUST be submitted as an attached Cabrillo File, not as an email text.
- Paper Cabrillo Logs in PDF form may be mailed to:
Tom W8WFD
235 Leonard Ave NW
Massillon, Ohio 44646

Cabrillo Entry Template Example

START-OF-LOG: 3.0

Created-By:N1MM+ (whatever program you used to make this log)

CONTEST: WFD

CALLSIGN: N8CW (call sign used)

CLUB: David Sarnoff Radio Club <--- You must use this exact same unique name

LOCATION: Toledo, OH ARRL-SECTION: OH

CATEGORY: 10

CATEGORY-POWER: LOW (QRP, LOW or HIGH)

SOAPBOX: 1,500 points for not using commercial power (if applicable)

SOAPBOX: 1,500 points for setting up outdoors (if applicable)

SOAPBOX: 1,500 points for setting up away from home (if applicable)

SOAPBOX: 1,500 points for Satellite QSO (w/N8HM)

SOAPBOX: BONUS Total 6000 (Sat QSO, remote location, outdoors and gen pwr)

CLAIMED-SCORE: xxxx (your calculated total score including bonuses)

OPERATORS: Call #1, Call #2, Call #3, etc.

NAME: Your Name (contact person)

ADDRESS : ##### Your Street

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WFD Rules

<https://www.winterfieldday.com/>

Free Winter Field Day Logger

gruqsp.org

QUESTIONS?