

## Invitation to Field Day 2021

MARA and VARA are holding an alternative Field Day 2021 (as in 2020) that uses our ham radio creativity and keeps our membership in control of their health and well-being during our current pandemic landscape. (Many thanks to Andrew Pearson, N4RCE, for putting this document, "Invitation to Field Day", together originally in 2020.) This format allows hams to participate individually or in groups of their choosing following ARRL guidelines. Begin by reading and becoming familiar with the following link: [ARRL Field Day 2021 Information Packet](#) [This "Invitation to Field Day 2021" document contains condensed information gleaned from the ARRL official document; please read the official ARRL Field Day Packet as well. If you have questions, please contact your Field Day Committee representative or email out on Valley Hams. We're a community of mentors mentoring each other.]

- You will need to select your station type according to FD 2021 Rules.
- Write the script for your exchange between stations.
- Familiarize yourself with Rules/Miscellaneous Rules, etc that guides Field Day operations.
- We would like to distribute a list of participants among us to encourage communication during Field Day using 145.130 to share our progress, our fun, frustrations, or band conditions (but NOT any information to be used as a spotting network to advance points). If you would like to be included in the list to be sent out, please email to Fred Castello, KF4FC, [fredcastello@gmail.com](mailto:fredcastello@gmail.com): With 1.) the call you are going to use, 2.) FD classification, and 3.) who will be participating with you if there are others.
- Each individual or small group of individuals will select one call sign under which to submit. If a group of participants meet at one location, they will need to decide on using ONE participant's call.
- Please take pictures your site and activities that can be posted to our Facebook Field Day site by emailing them to either Erika Kancler, K4NOV [erikak74@gmail.com](mailto:erikak74@gmail.com) or Fred Castello, KF4FC, [fredcastello@gmail.com](mailto:fredcastello@gmail.com). By sending your images you indicate that you have read and consent to the *Photo/Video Model Release* located on the last page of this packet.
- An *aggregate* club score will be published — just as it was done in 2020. The aggregate score will be a sum of all individual entries that attributed their score to that of a specific club. When Field Day is complete, send in your log to ARRL following their guidelines in **Section 8, Reporting**. When asked for your club designation, use **Valley and Massanutten ARA** to represent our two clubs' 45 year Field Day tradition. **DO NOT USE AN AMPERSAND (&) BETWEEN CLUB NAMES PLEASE.**
- For limited software assistance using N1MM, please email out to Valley Hams list or contact Jeff Rinehart, W4PJW, [w4pjw@arrl.net](mailto:w4pjw@arrl.net), or David Tanks, AD4TJ, [ad4tj@yahoo.com](mailto:ad4tj@yahoo.com)
- While not required to participate, many members in VARA/MARA are interested in tracking FD on an online contest site. The contesting website is: <https://contestonlinescore.com/settings/>

*It is easy to register and it accepts ongoing scoring from N3FJP and N1MM. Each logging program has extensive websites and instructions on set up. For the field "Club," use the preexisting designation "Shenandoah Valley Wireless" to represent Field Day so that we can all remain together on the scoreboard.*

# Field Day Station Operations Reference

## Checklist for Field Day

Date: \_\_\_\_\_

### Antenna

- Grounded
- Visual check
- Checked with Antenna Analyzer

### Antenna Tuner

- Connection

### Rig

- Power
- SWR
- RF Power
- Antenna tunes(d)
- Contact test complete

### Spares

- Microphone for phone stations
- Key for CW station
- Pad of paper
- Pens

### Log

- Installed and tested
- Pad of paper
- Two pens

### Generator

- Tested
- Fuel plan for the weekend
- Fire extinguisher
- Spare extension cord

### Battery

- Power
- Backup

### Foul weather protection

- Rig
- Generator/Battery
- Personnel

### Weekend coverage schedule

- Posted
- All personnel contacted and confirmed
- Sign-in sheet

### Scoring: Points and Multipliers

Phone contacts count 1 point each

CW contacts count 2 points each

Digital contacts count 2 points each

### Multipliers

If contact is made with 5 watts or less AND power source is batteries, solar or wind power: multiplier is 5

If contact is made with 5 watts or less using commercial mains or generator then the multiplier is 2. If using batteries that were charged via commercial mains or generator then the multiplier is the same, 2.

If contact is made using power up to 150 watts, multiplier is 2.

If contact is made using power over 150 watts, multiplier is 1.

**Class A Club Portable-** Three or more folks set up in an area that is not a permanent installation and all equipment is located in a 1000 foot circle and operating typically from generators. A number is denoted to indicate the number of simultaneous transmitters on the air at one time. We have operated as Class 3A for at least 2 years in the past.

**Class A Battery Club Portable:** Three or more folks operating in a similar fashion as above except all transmitters are operating QRP (i.e. 5 watts or less) and power source is battery (not generators). (Please refer to Ray Albers excellent write-up "Operating Field Day on Battery Power" which is sent along with this document.)

**Class B Portable:** One or two persons operating similar as Class A, i.e. using generators.

**Class B Battery:** One or two persons operating QRP and battery power (NOT generators or regular commercial mains)

**Class C Mobile:** Typically maritime mobile or aeronautical mobile.

**Class D Home Stations:** Your home ham shack and running on commercial mains power. For Field Day 2021, there is a special waiver similar to FD 2020 "COVID rules":

*Class D stations may work all other Field Day stations, including other Class D stations, for points. This year, however, Class D and Class E stations will be limited to 150 W PEP output.*

**Class E Home Stations Emergency Power:** Your home ham shack but operating NOT on commercial mains (e.g. powered by a generator or battery, etc.)

## N1MM—Shortcuts

Instructions for use: We have used N1MM at the joint FD operation for many years.

[https://www.w7aia.org/fieldday\\_files/docs/w7aia\\_n1mm\\_instructions.pdf](https://www.w7aia.org/fieldday_files/docs/w7aia_n1mm_instructions.pdf)

### General Key Assignments

Space – The spacebar will jump from field to field filling in defaults like the callsign from the call-frame, 59/599, and information from previous contacts with this station. SPACE IS THE PREFERRED TAB CHARACTER.

Tab – Jump to the next entry field in the Entry Window.

Shift+Tab – Jump to the previous entry field in the Entry Window.

Alt+H – open Internet help. Most windows have contest-specific help accessible from their right-click menus.

Ctrl+Tab – Toggle between the Entry window and the Packet window.

Alt+F9 – toggle through all the antennas defined for the current band. The selected antenna will show in the lower-left corner of the status pane.

Alt+F4 – Quit the program. If two Entry windows (SO2R) the program will not exit. You are being asked if you are sure.

### Change Operator Call-sign Stored in Log (Ctrl+O)

This function is used mostly in multi-operator situations, to change the operator callsign stored in the log and to call up a preferred window configuration when a new operator takes over.

W1		W6		Canada	
Connecticut	CT	East Bay	EB	Maritime	MAR
Eastern Massachusetts	EMA	Los Angeles	LAX	Newfoundland/Labrador	NL
Maine	ME	Orange	ORG	Quebec	QC
New Hampshire	NH	Santa Barbara	SB	Prince Edward Island	PE
Rhode Island	RI	Santa Clara Valley	SCV	Ontario North	ONN
Vermont	VT	San Diego	SDG	Ontario South	ONS
Western Massachusetts	WMA	San Francisco	SF	Ontario East	ONE
W2		San Joaquin Valley	SJV	Greater Toronto Area	GTA
Eastern New York	ENY	Sacramento Valley	SV	Manitoba	MB
New York City - Long Island	NLI	Pacific	PAC	Saskatchewan	SK
Northern New Jersey	NNJ	W7		Alberta	AB
Norther New York	NNY	Arizona	AZ	British Columbia	BC
Southern New Jersey	SNJ	Eastern Washington	EWA	Norther Territories	NT
Western New York	WNY	Idaho	ID	(Includes the Northwest, Yukon and Nunavut Territories)	
W3		Montana	MT		
Delaware	DE	Nevada	NV		
Eastern Pennsylvania	EPA	Oregon	ORG		
Maryland - DC	MDC	Utah	UT		
Western Pennsylvania	WPA	Western Washington	WWA		
W4		Wyoming	WY		
Alabama	AL	Alaska	AK		
Georgia	GA	W8			
Kentucky	KY	Michigan	MI		
North Carolina	NC	Ohio	OH		
Northern Florida	NFL	West Virginia	WV		
South Carolina	SC	W9			
Southern Florida	SFL	Illinois	IL		
West Central Florida	WCF	Indiana	IN		
Tennessee	TN	Wisconsin	WI		
Virginia	VA	W0			
Puerto Rico	PR	Colorado	CO		
Virgin Islands	VI	Iowa	IA		
W5		Kansas	KS		
Arkansas	AR	Minnesota	MN		
Louisiana	LA	Missouri	MO		
Mississippi	MS	Nebraska	NE		
New Mexico	NM	North Dakota	ND		
North Texas	NTX	South Dakota	SD		
Oklahoma	OK				
South Texas	STX				
West Texas	WTX				

## Photo/Video Model Release

I, the undersigned, freely give to the Massanutten Amateur Radio Association (MARA), Valley Amateur Radio Association (VARA), and ARRL, the American Radio Relay League, and their legal representatives, successors, and all persons, organizations, or corporations acting with their permission unrestricted permission to copyright and/or use, and/or publish photographic portraits or pictures of my child(ren), and the negatives, transparencies, prints, videotapes, or digital information pertaining to them, in still, single, multiple, moving or video format, sounds, audio, or in which my child(ren) may be included in whole or in part or composite, or distorted in form, or reproductions thereof, in color or otherwise, made through any media in their studio, on websites or emails or elsewhere for art, or any other lawful purpose.

I hereby waive any right that I may have to inspect and approve the finished product or copy that may be used in connection with an image that the Photographer has taken of my child(ren), or the use to which it may be applied. I further release the Photographer, the MARA, VARA, and/or ARRL or others for whom he/she is acting, from any claims for remuneration associated with any form of damage, foreseen or unforeseen, associated with the proper commercial or artistic use of these images.

Model's Name/call sign: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: Model's phone/e-mail: \_\_\_\_\_

If Model is under the age of 18: \_\_\_\_\_

I, \_\_\_\_\_, am the parent/legal guardian of the individual named above, I have read this release and approve of its terms.

Models' Name/call sign: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Parent/legal guardian's call sign/phone/e-mail: \_\_\_\_\_

Photo information: \_\_\_\_\_

Event the photo was taken at: \_\_\_\_\_

Location of event (Place, City, State)

Date of photo: \_\_\_\_\_

Photographer/call sign: \_\_\_\_\_

Photographer's phone/e-mail: \_\_\_\_\_

*By sending your images you indicate that you have read and consent to the Photo/Video Model Release. Send images to: Erika Kancler, K4NOV [erikak74@gmail.com](mailto:erikak74@gmail.com) or Fred Castello, KF4FC, [fredcastello@gmail.com](mailto:fredcastello@gmail.com).*