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EMERALD COAST AMATEUR RADIO ASSOCIATION

ARRL Field Day 2020 Planning





ARRL Field Day Strategy & Planning



- **ARRL Rule Changes for 2020 FD**
- **Plan 'A' and/or Plan 'B' Decision**
- **Operations Plan**
- **Timeline**
- **Event Planning Status Update**



ARRL Rule Changes for 2020 Field Day



1) For Field Day 2020 only, Class D stations may work all other Field Day stations, including other Class D stations, for points.

Field Day rule 4.6 defines Class D stations as “Home stations,” including stations operating from permanent or licensed station locations using commercial power. Class D stations ordinarily may only count contacts made with Class A, B, C, E, and F Field Day stations, but the temporary rule waiver for 2020 allows Class D stations to count contacts with other Class D stations for QSO credit.

2) In addition, for 2020 only, an aggregate club score will be published, which will be the sum of all individual entries indicating a specific club (similar to the aggregate score totals used in ARRL affiliated club competitions).

Ordinarily, club names are only published in the results for Class A and Class F entries, but the temporary rule waiver for 2020 allows participants from **any Class** to optionally include a single club name with their submitted results following Field Day.

The full text of ARRL's announcement, with additional details is here:

<http://www.arrl.org/news/temporary-rule-waivers-announced-for-2020-arrl-field-day>



Plan 'A' / Plan 'B' Options



Plan 'A' – Physical Group Event at Navarre Senior Center

- Indications from SC are that we can use the facility even if they have not formally opened yet
- Preliminary Planning in Place

Plan 'B' – Virtual Group Event from homes or individual locations

- ECARA Chat Channels via Discord App
- ECARA Facebook page
- 24 hour Webex session
- Navarre CERT Repeater / EOC Repeater



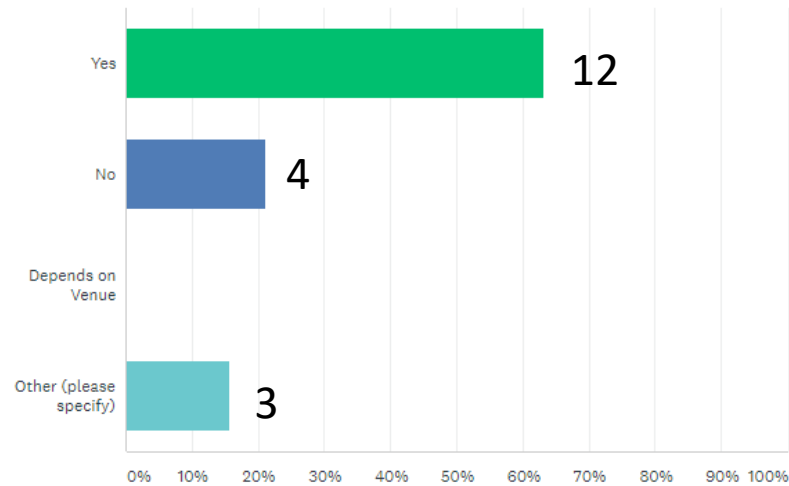
Survey Says...



19 Responses

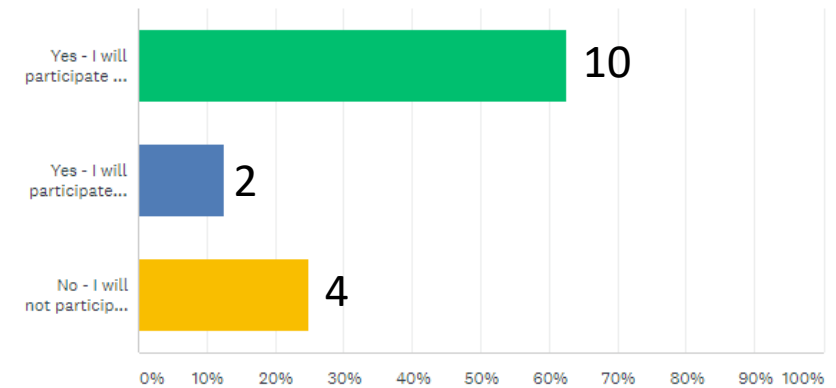
Are you planning to participate with ECARA for the 2020 ARRL Field Day Event

Answered: 19 Skipped: 0



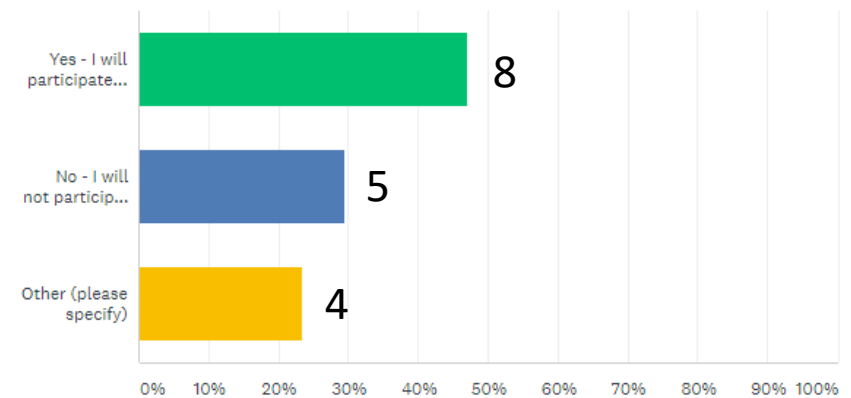
If the Senior Center is available, will you participate?

Answered: 16 Skipped: 3



If the Senior Center is not available, will you participate?

Answered: 17 Skipped: 2





Plan 'A' Operations Plan



- **Dates: 27-28 June (Saturday / Sunday)**
- **Location: Navarre Senior Center (**Confirmed!**)**
- **3 'Contest' Operating Stations**
 - **Supported by Multi-Band Antenna & Triplexer System**
 - **Each dedicated to 1 HF band (80m, 40m, 20m)**
 - **Dedicated N3FJP Logging Computer for Each**
 - **Can Swap Radio (Managed By Station Coordinator)**
- **Other Antennas (Managed By Antenna Captain)**



Plan 'A' Timeline



Date	Time	Activity
6/27	1000-1300	Setup
	1300-2359	Operation
	1800-1900	Pot Luck ??
6/28	0000-1300	Operation
	0600-0700	Camp Breakfast ??
	0700-1300	Operation
	1300-1400	Takedown
7/3	1800	ECARA Meeting – After Action Report



Plan 'B' Operations Plan



- **Dates: 27-28 June (Saturday / Sunday)**
- **Location: Virtual (Individual Home or Field Locations)**
- **Single Operating Station for Each Individual**
 - Temporary or Permanent Station
 - Commercial or Emergency Power
 - Operate Using Individual Call Sign, submit logs indicating club name is ECARA
- **Webex meeting will be in operation**
- **ECARA Channels in Discord App will be in operation**
- **Stations should monitor Navarre CERT and EOC repeaters as able**



Plan 'B' Timeline



Date	Time	Activity
6/27	1000-1300	Setup (Webex 'setup' meeting active)
	1300-2359	Operation (Webex 'operations' meeting active)
6/28	0000-1300	Operation (Webex 'operations' meeting active)
7/3	1800	ECARA Meeting – After Action Report



Event Planning Status Update



Field Day Coordinator
Len (K4KBD)

LOGISTICS

Safety Officer
Clint (KK4NDU)

Site Coordinator
TBD

Power
TBD

Radios & Accessories
TBD

Food
Clint (KK4NDU)
Janet (K4JGP)

Antennas & Feedline
Dane (W4DSL)

Medical
Clint (KK4NDU)
Mark (K4MMP)

Logging Infrastructure
Len (K4KBD)

PLANNING

Public Information
Janet (K4JGP)

Documentation
Dan (KN4GKC)

Training
JD (KE4MD) *

Setup / Takedown
JD (KE4MD) *

OPERATIONS

Antenna Captain
Dane (W4DSL)

Station Coordinator
TBD

Operator Coordination
TBD

Satellite Operations
Dan (KN4GKC) *

* Tentative

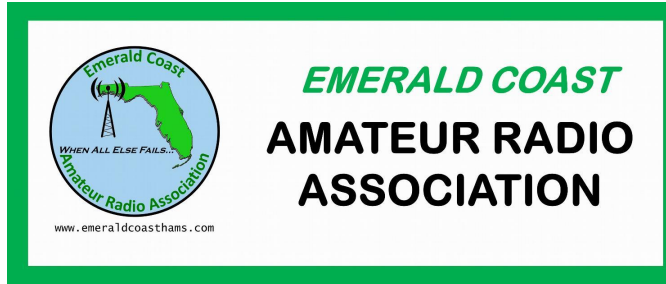


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Backup Information





ECARA ARRL Field Day Areas of Responsibility



FD AoR





'Bonus Point' Opportunities – Page 1 of 2



Opportunity	Description
Power Multiplier	<ul style="list-style-type: none">• All contacts using < 5W & natural power (x5)• All contacts using < 5W (x2)• All contacts using < 150 W (x2)• Any contact using > 150 W (x1)
100% emergency power for TX	100 points per transmitter (excluding GOTA & VHF)
Media Publicity	100 points
Public Location	100 Points
Public Info Table	100 points
Msg to Section Manager	100 points
Message Handling	10 points per message originated / relayed / received



'Bonus Point' Opportunities – Page 2 of 2



Opportunity	Description
Satellite QSO	100 points
Alternate Power	100 points (5 QSOs using solar / wind / water / methane)
W1AW Bulletin	100 points for copying the special Field Day Bulletin
Educational Activity	100 points for at least one educational-related activity
Gov't Official Visit	100 points for at least one visit by an elected government official
Served Agency Visit	100 points for at least one visit by rep from an agency served by ARES
GOTA Bonuses	<ul style="list-style-type: none">• 20 points for each 20 QSOs by a single operator (max 100 points per operator; max 500 points total)• Double above points if supervised by a GOTA Coach
Web Submission	50 points for submitting results online
Youth Participation	20 points for each QSO by operator under 18 (max 100 points)
Social Media	100 points for promoting on social media
Safety Officer	100 points for Designated Safety Officer verify completion of Safety Check List



Event Overview



ARRL Field Day is the **single most popular on-the-air event** held annually in the US and Canada. On the fourth weekend of June of each year, **more than 35,000 radio amateurs** gather with their clubs, groups or simply with friends to **operate from remote locations**.

Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN!

It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to the organizations that Amateur Radio might serve in an emergency, as well as the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.



Potential Benefits from Field Day



- ✓ Find out what works in the field and who can bring it
- ✓ Practice operating with field conditions and emergency power.
- ✓ Cross-train hams on each-others' equipment
- ✓ Communicating with adjacent groups under difficult radio conditions
- ✓ Invite the media to promote amateur radio.
- ✓ Recruit local hams
- ✓ Organized planning and execution of a sustained effort
- ✓ Invite (potential) Served Agency & or Government officials to visit your FD site, good for ARES and bonus points.



What Are Our ECARA Goals ?



- Camaraderie
- Picnic
- Campout
- Emergency Practice
- Equipment Setup & Operation
- Procedures
- Informal Contest
 - Contacts
 - Bonus Points
- Community Outreach
-
-

To Meet Our Goals, We Need YOU To Participate In Planning & Operation !!

We Will Limit Our Goals To Those YOU Are Willing To Support.