

BROWARD COUNTY FLORIDA



EMERGENCY COMMUNICATIONS TRAINING

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Broward County ARES/RACES Training

The Broward County Emergency Preparedness Net (BCEPN) meets three (3) Wednesdays per month on the BARC repeater on 146.910 MHz, -600, PL 110.9 and on the fourth Wednesday of each month on the simplex frequency of 146.550. In months with five (5) Wednesdays the net will be held on the BARC repeater. Net Manager is Mike Davis / K2MOL sixdaywarrior67@hotmail.com

ARES/RACES Meeting September 15, 2015

This month's topic will be Phase II of Digital Training

Presented by Barry Porter / KB1PA

Please plan on attending this meeting. Starts at 7:30 PM. Map and contact information on the last page.

September 2015



Broward County ARES/RACES Communication Procedures

When you are made aware of a man-made or natural disaster by amateur radio, commercial Radio stations, TV, or other means, please proceed to the following frequencies for further instructions.

- Primary Frequency: 146.910 MHz -600 PL 110.9 Hz
- Back-Up Frequency: 146.790 MHz -600 PL 88.5 Hz
- Tertiary Back-up: 147.330 MHz -600 PL 103.5 Hz

The RACES Officer or Emergency Coordinator will ascertain if an activation has been given by the Emergency Management Division. In the meantime, anyone can run a net when you are aware of any situation whether it is man-made or a natural disaster. As a Net Control Station, please take excellent notes on what is taking place to include the time, what is the situation is, where the situation is located and who checked into the net.

At this time, for the rest of the hams, please check our primary and/or secondary frequency to see if we have been activated. Please keep checking the frequencies listed above and PLEASE monitor the primary frequency for activity.

Upon a true ARES/RACES activation, the Net Control Station will advise you what the situation is, request amateurs to provide communication support if needed at that time, what the assignments are and will also advise you that there is nothing at this time and for you to please monitor the frequency. You may also be asked for your cellphone number or to contact net control on their cellphone. Please advise net control if you have to leave the net for whatever reason.

You are to notify net control that you are leaving for your assignment, the time you arrive and the time you leave so that we will know where you and that you are ok at all times.

On your way home, please let us know if you find any flooding, damage to property, trees down, damage to electrical lines, phone lines etc. so that net control can relay this back to the proper agencies.

Any questions, please call:

Carol Sjursen KJ4AWB 954 803-6338 The Broward County ARRL Emergency Coordinator
Robin Terrill N4HHP 954 249-5343 The Broward County RACES Officer

EMERGENCY!

Are You Prepared in Case of a Radio Communications Emergency!

Emergency Radio Communications for All or Anyone in Times of Disaster!

By Don Butler / N4UJW - Hamuniverse.com

This article hopefully will start you thinking about how you would get lifesaving emergency radio communications information in or out from where you are right now or most anywhere if you had a major disaster happen as you read this.

WHAT BACKUP DO YOU HAVE? You will see this question repeated several times in this article. This article pertains to the U.S. only but parts of it pertains to everyone worldwide. A major disaster could be an earthquake, hurricane, tornado, fire storm, ice storm, major electricity blackout, explosion, wide area flooding, very heavy snow, and most any natural or man-made disaster that can harm people over a wide area, causing in many cases, death and major destruction. During major disasters, emergency radio communications are a lifeline to emergency aid, rescue and preserving life. What backup do you have?

How would you transmit or receive emergency radio communications to or from the proper people or authorities like Police, Fire Departments, First Responders, local radio and TV stations, 911, get weather reports and even communicate with your neighbors or family when all of your present methods fails. Cell phones will most certainly in most cases be useless. What backup do you have?

So what "are" your present methods to make an emergency call for lifesaving help or how would you receive much needed information if all radio and TV stations near you were off the air or you had no electric power to power your radios and TV's? No, you could not use the computer, the internet is most likely down. Not your smart phone, no cell phone service. So your smart phone is not as smart as you thought! You may say, "All of this is not likely, but I would use my cell phone or land line phone as the first to try." And at the same time, many thousands of others are trying to call all at the same time and down goes the phone service or it could take hours to get a connection during extreme heavy and frantic calls. What if all phones were down and you can't get to a radio or TV that can receive local stations? How would you power your portable AM/FM radio with dead batteries, even if the local stations were operating? You have no access to AC power, it is down so no TV! Your trusty portable radio that you usually use on AC power does not work because the batteries in it, (that you forgot about), are dead!

Your hardwired land line phone may go out due to power being lost or the main phone lines are cut! All of your phones are DEAD and no radio or TV or computer service! Do I seem to be repeating myself...yes....on purpose so you will "get it"? What backup do you have? Don't rely on your neighbors, they may be down too! Remember that if you have a cordless phone or any phone that uses AC power to operate, it relies on AC power to function. If the electricity is OFF, your phone cradle won't be powered! Even though your actual cordless phone is battery powered, the base cradle won't be powered. It requires AC power....so it won't receive the signals from the cordless phone when you try to make a call....any call! DEAD!

What if you were in your car and you had no cell phone service due to your location? What backup do you have? You might say, "The car has an AM/FM radio." But how would you get a lifesaving message OUT to be heard? What backup do you have? So now you have survived this disaster but you are trapped as far as communications are concerned, especially at getting a lifesaving message out to anyone that can hear you! What backup do you have?

Another possible situation...you're camping on the river bank, at your favorite lake or in a location far from any populated area. What communications backup do you have?

If all normal communications methods are DOWN regardless of where you are, what would you do in case of a severe emergency to get help, or just to get much needed information on what happened? News, any news.....and FAST!

The answer may be simpler than you think! There is little if anything you can do after a disaster without some form of communications and sense you have not already answered the question...**WHAT BACKUP DO YOU HAVE?**.....What do you do to get emergency help???

BROWARD COUNTY ARES/RACES/SKYWARN



As a public service-oriented Amateur Radio organization, the Broward County ARES and RACES Organization encourages its members and all other Hams in the community to get involved with the emergency service aspects of Ham Radio. Actually, providing support in local and national emergency situations is one of the basic precepts of the Amateur Radio Service in the United States.

The ARES and RACES structures are the two main avenues for Amateur Radio support in emergency situations. ARES and RACES are similar in that they are Emergency Services (thus the “ES” at the end of both acronyms), but they are very different in purpose and scope.



“ARES” stands for the “Amateur Radio Emergency Service”. ARES is sponsored by the ARRL. The purpose of ARES is to provide an organized cadre of trained Ham communicators who are ready, willing and able to respond at the local level when normal communications fail or become inadequate in an emergency situation.

“RACES” stands for the “Radio Amateur Civil Emergency Service”. RACES is more formally-organized than ARES, operating under the overall control of the Department of Homeland Security (DHS), and requiring that Ham operators register with the local (county, state or federal) emergency services authority before they can participate in RACES emergency communications.

Where ARES groups and operators can “respond” on an ad-hoc basis to emergencies, RACES operators must be “activated” by the local government entity with which they are registered.

Both ARES and RACES provide vital communications services to the community and are essential cornerstones of the Amateur Radio Service and the hobby we all enjoy.

If you wish to get involved in either or both of these services in Broward County, Florida, please download the application found in the rear of this Newsletter. Print the form, complete it, and then email it to: Carol Sjursen, KJ4AWB ARES® EC at csjursen@bellsouth.net.



The effects of severe weather are felt every year by many Americans. To obtain critical weather information, NOAA's National Weather Service (NWS), part of the U.S. Department of Commerce, established SKYWARN® with partner organizations. SKYWARN® is a volunteer program with more than 290,000 trained severe weather spotters. SKYWARN Storm Spotters is a nationwide network of volunteers who report observations of significant weather and damage resulting from severe weather to the National Weather Service. The National Weather Service then sends alerts to the public via television, radio, marine and NOAA weather radios, public safety agencies and other information sources that severe weather is approaching or has been sighted.

A training class is required to participate, and it does allow additional information to flow in the event of severe weather. The Broward County Emergency Management Division is hosting a four hour BASIC/Advanced SKYWARN Storm Spotters training class will be on Saturday October 17th, 2015 which will be held at the Broward County Emergency Operations Center, 201 NW 84 Ave, Plantation Fl. 33324. The class is intended for those interested in becoming a Skywarn Storm Spotter. Interested persons must be at least 14 years old, accompanied by an adult and preregister by Monday, October 10th, by emailing Robin Terrill, n4hnp, the Broward County Skywarn Coordinator. Email: n4hnp@comcast.net. Training is required in order to become a recognized Storm Spotter. SKYWARN classes are ideal for amateur radio operators, CERT members, Red Cross volunteers, firefighters, nurses, doctors, students or anyone who is interested and wants to serve. Classes will be taught by a meteorologist with the National Weather Service from Miami-Dade County.

When registering for this class, please include your name, home address, cellphone number and your callsign if you are a ham so I can register you for this class. You can bring a bag lunch and drink with you and you can even eat it during the class or during the numerous 15 minute breaks.

Note that you must preregister for this class and there is no charge for this class or materials.

CY HARRIS W4MAQ MEMORIAL FREE FLEA



Broward Amateur Radio Club



SATURDAY, Nov 14, 2015

Starting at 7:00 AM

Vendor set-up at 6:00 AM



**FREE TO
BUY-SELL**

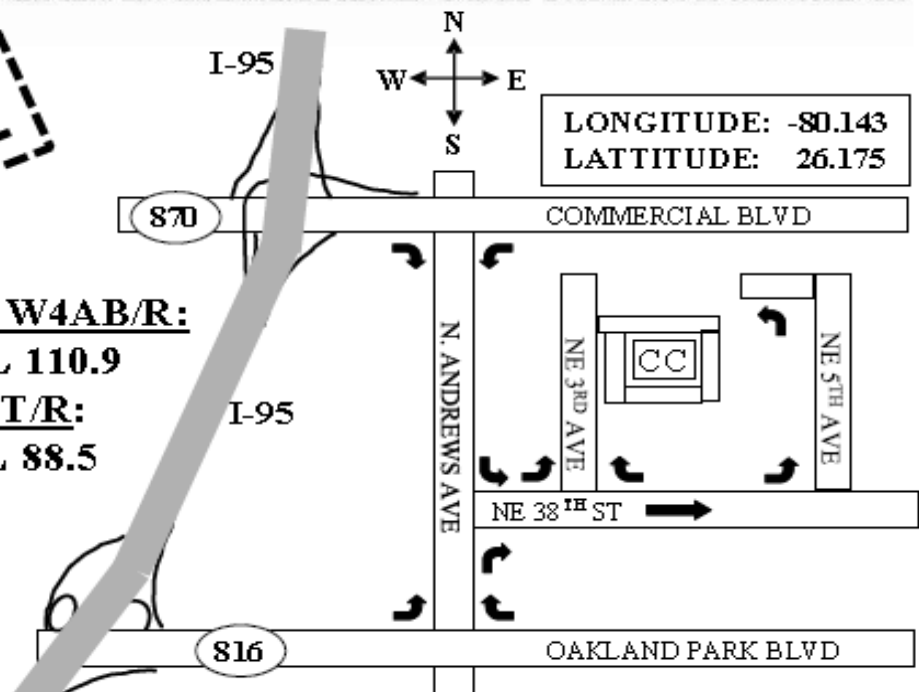


Talk-In Freq. on W4AB/R:

146.910 (-600) PL 110.9

Back-Up W4MOT/R:

146.790 (-600) PL 88.5



Testing

10 am VE Testing,
 Bring ID + \$15.00
 Tech, General, Extra
 DX QSL Card
 checking
 ARRL Booth

Collins Center near Wimberly Field Park
3900 NE 3rd Ave
Oakland Park, FL 33334

**East of I-95 between Oakland Park Blvd &
 Commercial Blvd. Take Andrews to NE 38th
 St.**

For more information contact:

Tony Becker KK4GUU

tony@mcrsys.com

954 612-9303



2015 S. FL Tour de Cure

Amateur Radio Operators Needed For Communication

The annual 'Tour de Cure' will take place this coming November and will once again benefit the American Diabetes Association.

<http://www.nbcmiami.com/video/#/on-air/as-seen-on/Tour-de-Cure/319539881>

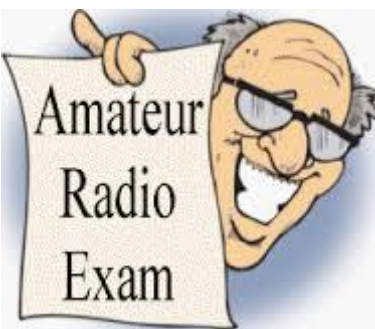
For more information about this Tour-d-Cure
www.diabetes.org/sfltour

When: 11/22/2015

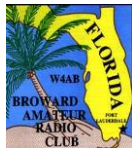
Where: Birch State Park

Address: 3109 E. Sunrise Blvd. Ft. Lauderdale, FL 33304

Need communicators for the 100, 62, 31, 5 and 10K family ride
Contact Robin Terrill, N4HHP @ 954 249-5343 to volunteer for this event.



AMATEUR RADIO TESTING IN BROWARD



Broward Amateur Radio Club: (BARC) W4AB Meets 7:30 PM on the second Tuesday of each month in the Oak Room, which is located at Broward Health Medical Center, 1600 S. Andrews Ave, Fort Lauderdale. Contact Tom Hayes, N4MEO / BARC VEC Phone: 954 218-1567, email: hayest6961@gmail.com



Davie Cooper City Amateur Radio Club: Meets 6:00 PM for Testing on the first Monday of each month at Davie Moose Lodge, 4483 SW 64th Ave, (Davie Road) Davie, FL 33314. Contact Tom Hayes, N4MEO / DCARC VEC Phone: 954 218-1567. email: hayest6961@gmail.com



Gold Coast Amateur Radio Association: (GCARA) W4BUG meets on the fourth Tuesday of each month (except December) at the Imperial Point Medical Center, 6401 North Federal Highway, Ft. Lauderdale, FL in the hospital auditorium. ARRL VE Testing @ 6:00 pm in Auditorium C. Contact: John Kramer, W4JRK. GCARA President. Phone: (954) 298-4004 E-mail: W4JRK@hotmail.com



The Palmetto Amateur Radio Club test by reservations ONLY! They will set the time and place for the session. Please Contact Volunteer Examiner (V.E.): Ed Kashuba, WD4HIP (954) 551-9463 for further information.



The SEMINOLE HARD ROCK WINTERFEST BOAT PARADE COMING DECEMBER 12, 2015



[Clique on the picture above for more information](#)

More than 1,000,000 cheering spectators along the 12 mile route have transformed the SEMINOLE HARD ROCK WINTERFEST BOAT PARADE into not only the largest, one-day, live audience of any event in Florida, but also the seventh largest one-day spectator event in the country! The International Festival and Events Association has named Winterfest the top 20th Parade in the World; with over 50,000 parades in the United States alone, this is a huge international honor which places Winterfest in the prestigious company of the Macy's, Mardi Gras, Rose Bowl and Disney Parades. In addition, Winterfest was just named by Readers Digest as "100 Best in America" which lists the top events in the United States.

This Parade demands an audience of more than 1,000,000 live viewers and over 8,000,000 in TV land.

If you would like to volunteer this year for amateur radio communications for the 2015 Annual Fort Lauderdale Winterfest Boat Parade, please contact me for a position. We have many positions available that are going fast.

You say you have never worked a public service event since you have been licensed. Well then, I have that covered. You will be placed with another amateur so you can learn what to do from them. So you can volunteer next year and years to come.

To volunteer for a position that will put you up front and personal, then send me an email with your name, your position if you worked this Parade last year, call-sign, home address, and your cellphone number and I will get back to you ASAP.

For those that worked the Parade last year can work the same position as last year.

What Is The Seminole Hard Rock Winterfest Boat Parade

<https://www.youtube.com/watch?v=IFW8rg0Ucfs>

Robin, N4HHP

n4hnp@comcast.net

The 2015 Seminole Hard Rock Winterfest Boat Parade
Amateur Radio Communication Chair

Do you know about 511?

Source: Florida Department of Transportation
ARES/RACES Training

Dial 511 from your cell phone or landline before hitting the road. The service provides real-time travel information on all interstate highways in Florida, as well as Florida's Turnpike. 511 lets you know about accidents, road construction, severe weather conditions or other things that can slow you down. The traffic information is free, however, standard cell phone minutes or roaming charges may apply. You can access specific information for highways by asking for them by name from the speech-activated menu. You can also request information about roadways in a specific county or city.

STATEWIDE FLORIDA 511 FEATURES

- Travel information on Florida's interstate highways and Florida's Turnpike
- Information on accidents, lane closers and construction
- Severe weather, evacuation and child abduction alerts
- 24 hour-a-day availability
- Toll-free calls with speech-activation menus
- Cell phone or landline use
- Access to regional 511 systems in Florida

SEVERE WEATHER EVACUATION INFORMATION

When storms threaten Florida, a call to 511 will let you know before you go. Should you need to evacuate, call 511 before you leave home so you can plan ahead. 511 will give you information about road conditions, congestion, contraflow, suspended tolls and weather-related road closings.

511 CONNECTS YOU TO REGIONAL TRAVEL INFORMATION

Florida's statewide 511 service gives you access to detailed travel information in the Central Florida, Southeast Florida, Southwest Florida, Northeast Florida and Tampa Bay regions. You can connect to those regional 511 services by saying "other parts of the state." You will get real-time reports on regional roadways as well as airports and public transportation.

MY FLORIDA 511 FDOT's 511

My Florida 511 offers free, bilingual personalized services from the Florida Department of Transportation. By registering for My Florida 511 personalized services, you will:

- Create a personalized services profile to add an unlimited number of custom routes
- Hear travel information along those routes first when you dial 511 from a registered cell or landline phone
- Receive phone, text or e-mail alerts about incidents along your routes
- Set your language preference as English or Spanish
- My Florida 511 users can create custom profiles for up to two phones. To sign up for free custom profiles, you will need to register a primary and/or secondary phone number.
- When you call 511 from a registered phone number, the system will recognize your phone number using Caller ID technology. 511 will tell you about your custom routes first.
- Let you bypass your custom routes to access 511's full range of statewide traffic information

Though you can call 511 from any phone, you will not be able to access your My Florida 511 routes from a phone not listed on your account.

For general information on Florida's 511 Travel Information System, [click here](#).

- [My Florida 511 tips pdf](#)
- [511 Tips and Menu pdf](#)
- [511 Call and Web pdf](#)
- [511 Covered Roads pdf](#)
- [511 Touch-Tone Codes pdf](#)
- [511 Touch-Tone Help pdf](#)
- [Mobile App User Guide pdf](#)

You must have cookies enabled to use My Florida 511 online. If your browser is not set to receive cookies, you will not be able to sign in.

For more information about how to manage cookies in your browser, use your browser's help menu.

[WWW.FL511.COM](http://www.fl511.com)

Log on for real-time travel updates and custom trips

You can point your internet browser to www.fl511.com to receive statewide and regional travel updates.

The website provides much of the same information as the phone call, plus additional features, including traffic cameras. Check out the site before leaving home or while traveling throughout the state. It's fast, easy and just a few clicks away.

A special feature of the website, My Florida 511, allows you to customize your 511 experience. Create a custom profile online for trips you frequently make for business and pleasure. Then, when you call 511, the system will recognize your phone number using simple caller ID technology. You'll have the opportunity to hear about traffic reports on an entire trip with just one voice prompt.

511 Tips

- Speak as clearly as possible and minimize any background noise, including radios and open windows.
- Say "other parts of the state" to transfer to Florida's regional 511 services.
- Say "help" for instructions
- Say "next," "previous," "stop," or "repeat" to navigate more quickly through the phone menus.
- Say "main menu" at any time to start over.
- Say "feedback" to report congestion not already reported on 511.
- If you already know your selection, interrupt 511 at any time.

511 systems are available in other states

For information about the status of 511 nationwide, go to <http://deploy511.org>.

Florida 511 FDOT's 511 Traveler Information App

Florida 511 is available for free download on Android and Apple devices, providing up-to-date traffic information on all of Florida's interstates, toll roads and many major metropolitan roadways, including I-95, I-4, I-75, I-10 and Florida's Turnpike. The app offers text and audio updates, as well as camera views on crashes, congestion, construction and more. All Florida 511 traffic data is provided by the Florida Department of Transportation.

The app uses GPS tracking to identify the users' location and provide users with traffic information within a selected number of miles of their location. Users can set the app to provide information for a range of up to 200 miles from their location, view traffic in a select city or county by typing in a desired location or receive traffic information based on their registered My Florida 511 custom routes. Travel time information also is available based on location and direction of travel. App users can share traffic information from the app to their favorite SMS messaging, email and social media services.

Florida 511 covers the entire state of Florida including major roadways in Daytona Beach, Fort Lauderdale, Fort Myers, Gainesville, Jacksonville, Lakeland, Lake City, Melbourne, Miami, Orlando, Pensacola, Sarasota, St. Petersburg, Tallahassee, Tampa, West Palm Beach and more.

FDOT reminds all travelers to check 511 before hitting the road, have a passenger check 511 while driving or pull over to avoid distracted driving.

Know Before You Go with Florida 511



SERVING AMATEUR RADIO SINCE 1980
DOMESTIC & INTERNATIONAL SHIPPING
1069 NW 53 STREET, FT. LAUDERDALE, FL. 33309
PH: 954-491-7110 FX: 954-491-7011
TOLL FREE 800-427-3066 FREE
Email: mspivak@bellsouth.net

[Call for Store hours](#)

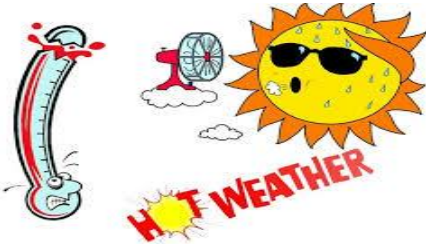
ICOM, MFJ, ASTRON, MIRAGE, HY-GAIN, AMERITRON, COMET, SCS, VERTEX STANDARD, SHAKESPEARE, ARRL, WI-FI RP CABLE CONNECTORS AND RP ADAPTORS ARE IN STOCK.



HamTestOnline™ has more 5-star reviews than all other exam study methods *combined!*



The best study method, customer support, and guarantee in the industry!
www.hamtestonline.com



Heat Exhaustion and Heat Stroke – A Deadly Combination

Source: www.cdc.gov

Amateur radio operators are communicators at outside events. They should be on the lookout for this medical emergency, report and respond to this immediately!

Heat Stroke

Heat stroke is the most serious heat-related illness. It occurs when the body becomes unable to control its temperature: the body's temperature rises rapidly, the body loses its ability to sweat, and it is unable to cool down. Body temperatures rise to 106°F or higher within 10 to 15 minutes. Heat stroke can cause death or permanent disability if emergency treatment is not provided.

Signs and Symptoms of Heat Stroke

Warning signs vary but may include the following:

- An extremely high body temperature (above 103°F)
- Red, hot, and dry skin (no sweating)
- Rapid, strong pulse
- Throbbing headache
- Dizziness
- Nausea

Heat Exhaustion

Heat exhaustion is a milder form of heat-related illness that can develop after several days of exposure to high temperatures and inadequate or unbalanced replacement of fluids.

Signs and Symptoms of Heat Exhaustion

Warning signs vary but may include the following:

- Heavy sweating
- Paleness
- Muscle Cramps
- Tiredness
- Breathing: fast and shallow
- Weakness
- Dizziness
- Headache
- Nausea or vomiting
- Fainting
- Skin: may be cool and moist
- Pulse rate: fast and weak

What You Can Do to Protect Yourself

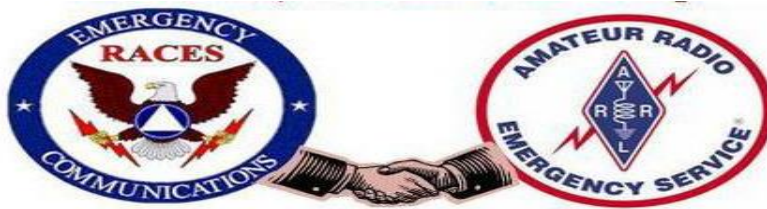
You can follow these prevention tips to protect yourself from heat-related stress:

- Drink cool, nonalcoholic beverages. (If your doctor generally limits the amount of fluid you drink or has you on water pills, ask him how much you should drink when the weather is hot. Also, avoid extremely cold liquids because they can cause cramps.)
- Rest.
- Take a cool shower, bath, or sponge bath.
- If possible, seek an air-conditioned environment. (If you don't have air conditioning, consider visiting an air-conditioned shopping mall or public library to cool off.)
- Wear lightweight clothing.
- If possible, remain indoors in the heat of the day.
- Do not engage in strenuous activities.

What You Can Do for Someone with Heat Stress

If you see any signs of severe heat stress, you may be dealing with a life-threatening emergency. Have someone call for immediate medical assistance while you begin cooling the affected person. Do the following:

- Get the person to a shady area.
- Cool the person rapidly, using whatever methods you can. For example, immerse the person in a tub of cool water; place the person in a cool shower; spray the person with cool water from a garden hose; sponge the person with cool water; or if the humidity is low, wrap the person in a cool, wet sheet and fan him or her vigorously.
- Monitor body temperature and continue cooling efforts until the body temperature drops to 101°–102°F
- If emergency medical personnel are delayed, call the hospital emergency room for further instructions.
- Do not give the person alcohol to drink.
- Get medical assistance as soon as possible. Call 911 for paramedics.



BROWARD COUNTY ARES & RACES INVITES YOU TO OUR MONTHLY MEETINGS

USE YOUR RADIO LICENSE AND MAKE A DIFFERENCE IN OUR COMMUNITY!

ABOUT OUR ORGANIZATION

- No dues or membership fees.
- Learn communications skills
- Learn about different modes of communications
- Learn from one another
- Participate in drills, public service events field day and much more.

WHAT DO WE DO?

- We provide backup communications for served agencies in our community and are not limited to Broward County Emergency Management Division, American Red Cross, and the National Weather Service.
- We also provide communications for drills and exercises, and public service events such as the American Diabetes Association, the Annual Fort Lauderdale Winterfest Boat Parade and too many others to list here.

FOR MORE INFORMATION CONTACT

- Carol, KJ4AWB the Broward County ARRL Emergency Coordinator at kj4awb@arrl.net.
- Robin, N4HHP, the Broward County RACES Officer at n4hhp@comcast.net.
- Barry Porter, KB1PA the Broward County ARES/RACES Training OFFICER barryp13@mac.com

Better yet, fill out the ARES/RACES Application located in the back of every issue and come to our meeting which is held on the third Tuesday of every month.



Essential Net Control Forms

By Michael, KB9VBR <http://www.jpole-antenna.com/>

Nobody told me that being net control operator would involve so much paperwork. With a constant barrage of radio traffic and seemingly endless bits and pieces of information to keep track of, how do we keep our nets running efficiently without letting any of that traffic fall through the cracks? The answer is forms, lots of forms.



Running a net control station at a motorcycle rally.

I started out my net control career on our club's weekly swap net. Doing a casual net was pretty simple, a legal notepad and pen all that I really needed to track check-ins and the few pieces of traffic we had. But as I gained experience I moved on to the more complex weather nets and ARES/RACES activity nets. The notepad would work well enough, but I realized I needed a more organized approach.

Essential Net Control Forms

“Three essential ICS forms for radio nets are the ICS-211, ICS-309, and ICS-213.”

Being active in ARES/RACES meant training in the Incident Command System. ICS loves their forms, and understandably so. The ICS forms are essential in documenting the process and maintaining smooth transitions in the command structure. I've written previously on how to use some of the ICS forms for communication planning at events, but today I'm focusing on the forms that are essential for running a smooth net control operation. Three essential ICS forms for radio nets are the ICS-211, ICS-309, and ICS-213.

ICS-211: Check In Sheet. This form is commonly used to record the names and pertinent info as workers enter or leave an incident scene. The Amateur Radio specific version of this form includes a column for callsign and eliminates some unneeded info. This form will keep you on track on who is active as stations check-in and check-out of the net.

Can Net Control go paperless

I absolutely believe that net control can go paperless. I've used a variety of homebrew spreadsheets to track net activities. Once your spreadsheet is set up you can use macros to time stamp each transaction, touch typing is faster and neater than handwriting, and a completed net log can be easily emailed to any interested parties. As long as you're in a location with reliable power and Internet connection, I'd certainly consider moving to the paperless route.

Lately I've been using Google Docs for my net logging activities. Net forms and documents are in a shared folder that other net controls and net liaisons have access to. The collaborative approach to net logging has been a big timesaver for our local SKYWARN weather nets. Not only can the liaison station see the net log in real time, but they also have the ability to fill any information that the net control may have missed. Plus the liaison can relay the net traffic direct from the log to the local National Weather Service office instead of having net control repeat it for them. If net control needs to step away from the net, the liaison of another net control can seamlessly continue the net without missing a beat. [I talk more about SKYWARN net control in a previous blog post](#), and have a video on what my [SKYWARN net station looks like](#).

Conclusion

The accurate transcription and relay of information and seamless exchange of net control highlight the importance of using uniform net control logging documents. I've found that following the Incident Command System model works best in maintaining structure in our nets. Give the ICS documents a try and see for yourself if they work for streamlining your net control operations.

SKYWARN INTERNET REPORTING



Skywarn internet reporting is an Internet based program which allows spotters to send in reports directly to the NWS office. If you are a [trained SKYWARN Spotter](#) for the Miami NWS office, you can submit your weather observations at <http://www.srh.noaa.gov/StormReport/SubmitReport.php?site=mfl>. You can then fill out the Severe Weather Report Form online and submit them to us in near real-time.

IMPORTANT: For urgent, critical notifications, please send in your report via phone by calling the 1-800 number listed on your spotter ID cards. Phone calls are still the preferred way for the NWS to receive spotter reports. The online reports are good for lower-end events and/or reports of events which occurred several hours back.

Please try to concentrate on those reporting items that we stress in the SKYWARN class.

When you send us a report via the Internet, we will get an alert **on** our main computers. However, there will be times when we cannot respond to your reports immediately because of workload or warning priorities. If you think your report is critical and very time sensitive, call us on the toll-free number.

Please **do not** send a Skywarn report via the Internet and then follow-up with a telephone call. This will actually double our workload.



WEATHER SAFETY

While it is true that only a small percentage of thunderstorms become severe, all thunderstorms produce lightning. Lightning remains the number 2 direct weather related killer in the United States, surpassed only by flooding. While the National Weather Service appreciates your reports and dedication, the NWS would like to remind you that your safety is the first priority. When thunderstorms approach, it is advised to move indoors, away from windows, and avoid the use of electrical equipment and plumbing facilities. An automobile can be a safe shelter from a thunderstorm due to the metal body. However, never park under a high structure, like trees or power lines. Remember to observe storms from a safe distance. If you can hear thunder, you are close enough to be hit by lightning.

REMEMBER THE THINGS THE NWS WOULD LIKE YOU TO REPORT

Try to report as soon as possible after observing the event and, remember to be careful!

- **WIND SPEEDS** - Report wind speeds greater than 40 mph
- **RAINFALL** - Report any rainfall in excess of 3/4 inch in an hour
- **FUNNEL CLOUD** - A "rotating" appendage descending from the base of a cumulonimbus cloud, but not touching the ground. If possible, always look at the area beneath the funnel cloud for flying debris. If flying debris is observed, it is a tornado.
- **TORNADO** - Violently rotating column of air descending from a cumulonimbus cloud and touching the ground. Look for flying debris. If possible, report any injuries or fatalities. Tornadoes usually rotate counterclockwise, and this can be a good indicator if what you are observing is a tornado or other meteorological phenomena. However, this is not always true. When in doubt, report!
- **HAIL** - Report any size hail. Specify the diameter based on the hail scale (coins)
- **FLOODING** - Report any flooding you observe.
- **DAMAGE** - Report all storm-related damage (large branches, fallen trees, structural damage, flood damage, etc.) Even if it is several days after the event.
- **WIND DAMAGE** - One of the most significant threats with thunderstorms is wind damage. Wind damage can come in two forms: tornadic and straight-line. The difference is not always obvious and may create confusion to spotters. Damage caused by tornadoes typically has a high damage gradient. Whereas, with downbursts, the damage gradient is usually smaller. The debris pattern associated with a tornado is typically narrow and convergent. However, with a downburst, it is often broad and divergent. With a tornado you may see swirls or mud "splatters" on walls as well as projectile damage (i.e., sticks, stones, bricks thrown into structures) on several different sides of the structure. With straight-line wind damage (i.e., damage caused by downbursts), it is possible to have projectile damage along with mud "splatters", however, it is typically limited to one side of the structure. Also, remember that many trees can exhibit a twisted damage pattern even in downburst damage. This does not necessarily mean that it was a tornado. Many trees can appear twisted because of a weaker section of their structure or an uneven leaf canopy which causes uneven wind load and subsequent twisting. Downbursts can produce twisted trees.

BROWARD COUNTY AMATEUR RADIO CLUBS AND NETS



AllStar: The AllStar Link portal allows licensed amateur radio stations to communicate with one another over the internet using streaming-audio technology. This allows worldwide connections to be made between stations or from computer to station greatly enhancing amateur radio communications capabilities. Broward Amateur Radio Club [146.910 MHz -600 Hz PL 110.9 FM AllStar Node 28478](#) Nodes List: <https://allstarlink.org/nodelist.php>



American Radio Relay League: Founded in 1914 by Hiram Percy Maxim, ARRL (American Radio Relay League) is the national association for [Amateur Radio](#) in the US. Today, with more than 161,000 members, ARRL is the largest organization of radio amateurs in the world. ARRL's mission is based on five pillars: Public Service, Advocacy, Education, Technology, and Membership. <http://www.arrl.org/>



Broward Amateur Radio Club: (BARC) W4AB Meets 7:30 PM on the second Tuesday of each month in the Oak Room, which is located at Broward Health Medical Center, 1600 S. Andrews Ave, Fort Lauderdale. Further information is available on the club repeater 146.91 Contact: Tony Becker, KK4GUU BARC President. Phone: (954) 612-9303 E-mail: tony@mcrsys.com: Club Web site: <http://browardarc.net>, Club Info: info@w4ab.org Club repeaters: 146.910 MHz -600 Hz PL 110.9 FM AllStar Node 28478, 224.76MHz -1.6 MHz PL 110.9 Hz FM, 444.825 +5 MHz PL 110.9 FM, 442.450 +5 MHz no PL DSTAR (Gateway). For information VE Testing contact VE Tom Hays/N4MEO 954-218-1567 Email: hayest6961@gmail.com



Broward County ARES®/RACES: The Amateur Radio Emergency Service (ARES) is a corps of trained [amateur radio](#) operator volunteers organized to assist in public service and [emergency communications](#). It is organized and sponsored by the [American Radio Relay League](#) The Radio Amateur Civil Emergency Service (RACES) is a standby radio service provided for in Part 97.407 of the [Federal Communications Commission](#) (FCC) rules and regulations governing [amateur radio](#) in the [United States](#).



Broward County ARES/RACES: provides emergency communications through amateur radio in the event of a disaster. They meet every *3rd Tuesday of the month, at 7:30 PM*. Broward Health 1600 South Andrews Avenue, Fort Lauderdale, FL 33316 Meeting is held In the Oak Room. Broward County ARES Emergency Coordinator, Carol Sjursen, KJ4AWB (kj4awb@arrl.net) Phone: 954 803-6338, Broward County RACES Officer and Broward County Skywarn Coordinator, Robin Terrill, N4HHP (n4hhp@comcast.net) Phone: 954 249-5343, Broward County ARES/RACES Training Officer Barry Porter, KB1PA (barryp13@mac.com) 1 561 499-8424 Website: <https://www.facebook.com/BrowardARES/RACES>. Want to be a member? Fill out the application in the rear or this newsletter and email it to kj4awb@arrl.net or n4hhp@comcast.net Broward County Emergency Operations Center [Broward County Emergency Operations Center](#)



Broward County Emergency Preparedness Net (BCEPN): Broward County ARES RACES provides emergency training. Net meets every Wednesday at 7:00 PM on the 146.910 [MHz -600 Hz PL 110.9](#) Net Manager: Mike Davis Cell: 954 826-4758 Email: k2mol@seftn.net Website: <https://www.facebook.com/BrowardARES/RACES>



Davie Cooper City Amateur Radio Club: Meets 6:30 PM. on the first Monday of each month at Davie Moose Lodge, 4483 SW 64th Ave, (Davie Road) Davie, FL 33314. Further information is available on the club website, <http://dcarc.org/> Contact Tom Hayes, N4MEO / DCARC President. Phone: 954 218-1567, email: hayest6961@gmail.com



DCARC RF Net: is held on the 146.790 MHz -600 PL 88.5 Hz on the every other Thursday starting at 7:30 PM for an question and answer session or you can tell us what you've been doing; purchased a new rig, worked a new DX contact, upgraded your license, put up a new tower, etc. You can also Buy, sell or trade on this net too. Net Manager Tom Hayes, N4MEO, 954 218-1567, email: hayest6961@gmail.com



D-STAR: (Digital Smart Technologies for Amateur Radio) D-Star offers digital voice and slow and high-speed data communications. Slow-speed digital voice and data are transported at 4800 bps, of which 3600 bps is used for voice transmission and the remaining 1200 bps is used for synchronization and general use. <http://www.dstarusers.org/repeaters.php>



Echolink / VOIP Net: High-Speed digital data communication is transported at 128kbps and is capable of supporting Ethernet packets and also is fast enough to use for Internet applications such as displaying web pages. Repeater Fort Lauderdale 443.625 + PL 110.9. ECHOLINK #48646 Margate Repeater on 444.025+ PL. 107.2 ECHOLINK #269436. Boynton Repeater 147.225+ PL TONE 107.2 Hz and on 444.650- 5 PL 127.3 Hz.



"The VoIP Connection" originating in Naples Florida, connects to Fort Lauderdale on 146.910-600 PL 110.9 AllStar Node 28478. We meet every Tuesday night at 7:00 PM EST Net MGR. is Harry Sevush, KD4JMV Phone 1 239 322-2586 Email: kd4jmv@comcast.net



Gold Coast Amateur Radio Association: (GCARA) W4BUG Meets 7:30 p.m. on the fourth Tuesday of each month (except December) at Broward Health Imperial Point, 6401 North Federal Highway, Ft. Lauderdale, FL in the hospital auditorium. Refreshments are provided. Dinner is available in the cafeteria @ 5:15pm GCARA / ARRL VE Testing @ 6:00pm in Auditorium C. Meeting starts @ 7:30pm in Auditorium A. Talk-in on 146.610 MHz and 146.820 MHz, -600 PI 110.9 Hz., Other repeaters: 442.50 MHz.+5 PL 151.4 Hz. and 145.340 MHz D-STAR SYSTEM. Contact: John Kramer, W4JRK. GCARA President. Phone: (954) 298-4004 Web: <http://www.w4bug.org/>; E-mail: W4JRK@hotmail.com



Gold Coast Amateur Radio Association: (GCARA) Amateur Radio Fun Net every Thursday. Starts @ 7:00pm on 146.610 MHz -600 PI 110.9 Hz and 442.500 MHz +5 PL 151.4 Hz. Discussion: Anything the check-in wishes to discuss. Everything from Ham Radio topics to general information. It's an easy come format and I never have a set discussion. It's where the station ops take it. Contact: John Kramer, W4JRK. GCARA President. Phone: (954) 298-4004 Web: <http://www.w4bug.org> E- mail: W4JRK@hotmail.com



Internet Radio Linking Project: (ILRP) uses Voice-Over-IP (VoIP) custom software and hardware. Coupled with the power of the Internet, IRLP will link your repeater site or simplex station to the world in a simple and cost effective way. IRLP operates a worldwide network of dedicated servers and nodes offering very stable worldwide voice communications between

hundreds of towns and cities. All this with unsurpassed uptimes and the full dynamic range of telephone quality audio. Node: 7830 WB2NBU Wellington FL USA 147.2850 +600 No PL.



Knights Of The Roundtable Net: When all else fails, keep it Simplex. This is an open Forum Radio Group. We meet every Monday starting at 7:30 on either the 146.550 MHz (no PL tone) Simplex frequency or on a back-up frequency 145.555 (no PL tone) Simplex frequency. At that time Check-ins will be taken and begin our Rag Chew session.

Web: www.knightsoftheroundtable.info www.knightsnet.org NCS: Kenny Hollenbeck
KD4ZFW Cell 954 692-4600 Email: kd4zfw@gmail.com



Motorola Solutions Amateur Radio Club: (MARC) (open only to current and former Motorola employees) Contact: Rich Pratt, K4XF. Web: E-mail: w4mot.club@gmail.com The repeaters are accurately listed on QRZ.com under the call sign W4MOT. Current VHF repeater is 146.790 – 600 PI 88.5 Hz



Hurricane Watch Net: 14.325 MHz The Hurricane Watch Net consists of a group of licensed Amateur Radio Operators trained and organized to provide essential communications support to the National Hurricane Center during times of Hurricane emergencies. Our primary mission is to disseminate tropical cyclone advisory information to island communities in the Caribbean, Central America, along the Atlantic seaboard of the U.S., and throughout the Gulf of Mexico coastal areas. We also collect observed or measured weather data from amateur radio operators in the storm affected area as well as any post storm damage, and convey that information to the Hurricane Forecasters in the National Hurricane Center via the amateur radio station in the center (WX4NHC).



Palmetto Amateur Radio Club: (PARC) Meets quarterly. Meeting place announced on the club web site: <http://www.palmettoarc.org> The Palmetto Amateur Radio Club's Repeater's. Call Sign: K4PAL 146.850 MHz - 600 PL 91.5 Hz, 442.250 MHz +5 PL 114.8 Hz., 147.210 MHz - 600 PL 103.5 Hz., 147.375 MHz - 600 PL 91.5 Hz, 443.825 MHz +5 PL 103.5 Hz. Contact: Edward Kashuba / WD4HIP. Phone: (954) 551-9463 E-mail: questions@palmettoarc.org

SARnet

The Statewide Amateur Radio Network (SARnet) is a network of linked UHF voice repeaters that serves the State of Florida. The repeaters are operated by their local trustees and the network that connects them together does not interfere with the local use of the repeaters. The key to what makes SARnet work so well is that this network uses dedicated bandwidth that is separate from the internet. Statewide connectivity is achieved without the use of any commercial telecommunications services. SARnet does not use the internet, cellular telephones, or land lines. They use part of the Florida Department Of Transportation network that connects amateur radio repeaters to their microwave system together. Currently, the Duval County EOC conducts a brief check-in net on Friday mornings starting at approximately 0900 on SARnet and any amateur that can access SARnet is encouraged to check in (late check-ins are ok too). The Fort Lauderdale frequency is 442.850 MHz +5 PL 110.9 Please go the SARnet site and read what SARnet is all about. <http://www.sarnetfl.com/home>



Southeast Florida Traffic Net: (SEFTN) SEFTN is part of the [American Radio Relay League's](http://American Radio Relay League) National Traffic System. We meet daily at 6:00 PM local time on 146.61MHz- with a PL tone of 110.9, or 442.50MHz+ with a PL tone of 151.4, which is the Gold Coast Amateur Radio Association repeater. Our backup frequency is 146.79 MHz with a PL tone of 88.5, which is the Motorola Amateur Radio Club repeater. Learn [the ARRL MESSAGE FORMAT](http://theARRLMESSAGEFORMAT)



National Traffic System: Our purpose is to pass formal written traffic, announce amateur radio events, deliver information on severe Weather, and to provide training for new operators and net control stations. We also provide emergency or special sessions when necessary and will assist agencies under Homeland Security, such as FEMA and Broward County Emergency Management, and the Broward County Emergency Coordinator, if called upon to do so. Thank you for visiting and we hope you will join us on the air. Web site: <http://seftn.net/> Net Manager is Mike Sanner, KM2V Email: km2v@arrl.net



How to Become a Skywarn Storm Spotter: SKYWARN Amateur Radio Serving the National Hurricane Center Covering all counties served by the Miami forecast office of the NWS on your local Florida AllStar Hub Repeater Since 1965 [WX4SFL Skywarn Net FL AllStar Wiki](#) [The National Weather Service](#) in Miami-Dade Florida [National Weather Service](#) [The Amateur Radio Station at the National Hurricane Center](#) for over 35 years. [National Hurricane Center](#) "Become A Storm Spotter From Home" <http://www.improvenet.com/a/become-a-storm-spotter-from-home>



South Florida DX Association: (SFDXA) K4FK Meets 7:33 p.m. on the first Wednesday of odd numbered months at Florida Medical Center, 5500 West Oakland Park Blvd, Ft. Lauderdale. Further information is available on the club repeater K4FK, 147.33/93 PL 103.5 DX Net: Wed. evenings at 7:30 PM on the club repeater. Contact: Don Drennon, N4TZH, SFDXA President E-mail: n4thz@arrl.net Web: <http://www.qsl.net/k4fk/> . WR4AYC Repeater Group Contact: Marshall A. Paisner, K4MAP. Phone: (954) 873-2234 Web: <http://wr4ayc.org/> E-mail: wr4ayc@arrl.net



Wellington Radio Club: in Palm Beach County leads the effort to promote and train amateurs in the reliable transmission of complex documents such as FEMA and Red Cross forms and spreadsheets. All done with only with a computer, simple and free software and a transceiver. No special equipment or cables are needed. It's called Basic Narrow Band Emergency Messaging System. Repeaters and nets 147.285 +600 PL 103.5 and 442.050 +5 PL 103.5. Emergency Net on Mondays 7:30 PM on the 1st, 2nd and 3rd Mondays on VHF. This net also meets on holidays. President Larry Lazar KS4NB Phone: (561) 694-0868 Email: LARRY33414@aol.com Beginner's Guide to FLDIGI [FLDIGI User's Guide](#) Free FLDIGI/FLMSG Digital software download site <http://www.w1hkj.com/>



WX4SFL South Florida Regional Skywarn Training Net: The Purpose of the net is to assist Skywarn operators in the training for and handling of emergency communications, to provide useful information to Skywarn Members, and to familiarize people with directed net operations. We provide support for the NWS WFO's in both Miami and Key West. The Net meets every Thursday night at 1930 hrs. Local time on the SoFla AllStar Broward Amateur Radio Club 146.910 MHz -600 Hz PL 110.9 FM AllStar Node 28478. Net Mgr.: Chris Vasilenko, K4FLL phone: 954-465-8425 email: WX4SFL@earthlink.net www.facebook.com/SouthFloridaRegionalSkywarn

If you know of any Broward County clubs or training nets that are not on this list or you notice an error in a listing, please contact me, Robin Terrill, N4HHP Editor n4hhp@comcast.net



Favorite Southeast Florida Repeaters At A Glance Miami-Dade – Broward – Palm Beaches

Output Freq. MHz (Numeral Order)	Offset	PL in Hz	Location	Callsign	Notes
145.270	-	-----	Parkland	WR4AYC	(Not on yet)
145.290	-	110.9	Boca	N4BRF	Monday Club Roundtable 7:00 PM
145.290	-	110.9	Boca	N4BRF	Monday New Ham Net 7:30 PM
145.290	-	110.9	Boca	N4BRF	Wednesday Training Net Starts at 7PM for South County, 7:30 for North County and 8 PM for Central County
145.340	- D	-----	Fort Lauderdale	W4BUG	
145.555	S	-----	Broward County	-----	Knights of the Roundtable
146.550	S	-----	Broward County	-----	Knights of the Roundtable
146.610	-	110.9	Pompano Beach	W4BUG	SEFTN Net 6:00 PM Daily (GCARA) Amateur Radio Fun Net every Thursday. Starts @ 7:00pm on 146.610 MHz / 442.500 MHz
147.615	+	110.9	North County	W4JUP	North Co. ARES Net 7:30 PM
146.790	-	88.5	Plantation	W4MOT	
146.820	-	110.9	Boca Raton	W4BUG	
146.850	-	91.5	Hollywood	K4PAL	
146.910	-	110.9	Fort Lauderdale	W4AB	BCEPN Wednesday at 7 PM
146.910	- A	-----	Fort Lauderdale	W4AB	AllStar Node 28478
147.045	+				Central County ARES Net 8 PM
147.075	+ I	110.9	Delray	W2GGI	IRLP, node 9050
147.210	+	103.5	Dade/Broward Co. Line	K4PAL	
147.255	+	110.9	Boynton Beach	NR4P	South County ARES Net 7 PM
147.330	+	103.5	Fort Lauderdale	K4FK	
147.375	+	91.5	Dade/Broward Co. Line	K4PAL	
224.180	+	131.8	Plantation	N4RQY	
224.400	+	110.9	Ft. Lauderdale	KF4LZA	Linked to 927.700 MHz
224.680	+	131.8	Coral Springs	N2DUI	Linked to 444.575 MHz
224.760	+	110.9	Plantation	W4AB	
442.200	+ D	-----	Fort Lauderdale	W4BUG	
442.250	+	114.8	Dade/Broward Co. Lin	K4PAL	
442.450	+ D	-----	Fort Lauderdale	W4AB	DStar Gateway
442.500	+	151.4	Pompano Beach	W4BUG	
444.700	+	110.9	Boca Raton	KC4GH	
442.825	S	110.9	Andytown on Alligator Ally		SARNET
442.850	+	110.9	Fort Lauderdale	-----	SARNET
442.875	+	110.9	Boca Club		
442.875	+ E	110.9	Boca Club		Echolink Node 826953
443.825	+	103.5	Dade/Broward Co. Line	K4PAL	
443.850	+	110.9	Coral Springs	WR4AYC	
443.975	S	110.9	Palm Beach	K4EEX	SARNET (Not in repeater guide)
444.025	+	107.2	Margate	KA4EPS	
444.600	S	94.8	Fort Lauderdale	K4AG	SARNET (Not On Yet)
444.825	+	110.9	Fort Lauderdale	W4AB	

Note: S = Simplex D = DStar A = AllStar I = IRLP E = Echolink S = SARNET

If you know of any Broward County clubs or nets that are not on this list or you notice an error in a listing, please contact me. Robin Terrill, N4HHP Editor n4hhp@comcast.net

<h2 style="margin: 0;">Broward Emergency Management ARES / RACES Membership Application</h2> <p style="margin: 10px 0 0 0;">Please type or print clearly</p>	<p>EOC Use Only</p> <p>RACES # _____ RACES POSITION _____</p> <p>Effective _____</p> <p>Expires _____ Approved by _____</p>
--	--

<p>Name _____</p> <p>Address _____</p> <p>City _____ Zip Code _____ County _____</p> <p>Home Phone _____ Work _____ Cell _____</p> <p>Amateur Call _____ License Class _____ Expiration Date _____ Date of Birth _____</p> <p>Emergency Contact _____ Phone _____</p>	<p>Completion of this Application DOES NOT OBLIGATE YOU</p> <p>Enrollment in RACES qualifies you for County insurance in the event RACES is activated, and you are performing duties.</p> <p>This information provides a database of qualified Amateur Radio operators available for ARES/RACES emergency activation.</p> <p>ARES/RACES participation is voluntary.</p> <p>By submitting this application you consent to a background check.</p>
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Email Address to receive Broward County ARES / RACES Alerts / Bulletins _____

You reside at the above address during what months? From _____ To _____

Are you capable of setting up a station in the field? Indicate what, below, if yes YES NO

What languages are you fluent in? _____

In the event of an emergency do you have family members you must assist?	YES	NO	
Are you willing to Staff a shelter during a hurricane?	YES	NO	
Is your home station capable of operation without commercial power?	YES	NO	
Could you serve another area in Florida by joining the Communications Away Team (CAT)?	YES	NO	MILES AWAY _____

Indicate below any capabilities you have i.e. big beam, tall tower, high power, special mode etc. that could assist in the event of an emergency.

Modes	160	80	40	30	20	17	15	12	10	6	2	1.25cm	70cm	Add. Bands/ Comments
SSB- Power in Watts														
CW- WPM														
TOR- RTTY, PSK31, WinLink, Pactor II, etc.														
SSTV, DSSTV, NBTV														
Mobile / RV- Modes and Power in Watts														
Packet- Baud 300, 1k2, 9k6														
APRS- GPS, WX, DF, Tracker														
ATV- AM, FM														
FM- Power in Watts														
Satellite- AO, FO, RS, SO etc.														

Other modes or special operation / capabilities / equipment i.e. CERT, CAP, Coast Guard, Marine, MARS, REACT, Contest Station, Remote Control, ect. _____

Do you have ICS 100 200 700 800 Do you have Emcomm 1 2 3 (circle those that you have) Please submit Certificate Copies.

Signature _____ Date _____

Use back of this application for additional space. Please be as detailed as possible with all information.

Please list experience, qualifications and other special considerations or capabilities. Use back of this application for additional space. Revised 04/2014

Please email this Application to Carol, KJ4AWB at Carol Sjursen (CSjursen@bellsouth.net) or bring it to the next meeting

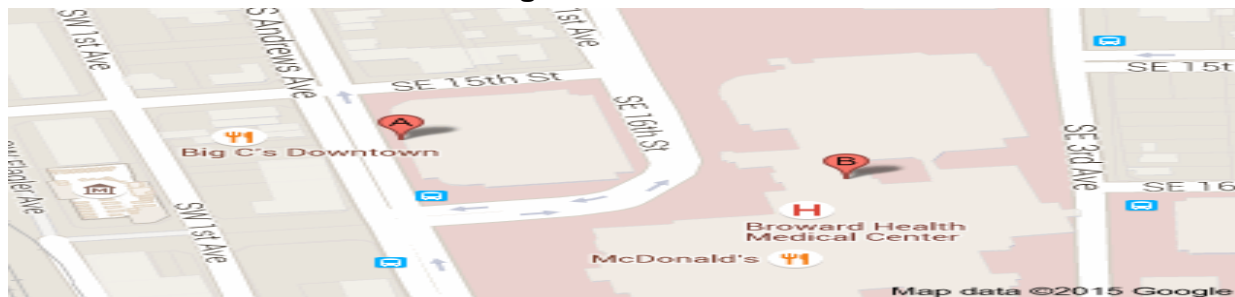
Broward County ARES® /RACES

3rd Tuesday of the month, at 7:30 P.M. Meeting in the Oak Room.

Broward Health (The old Broward General Medical Center)

1600 South Andrews Avenue, Fort Lauderdale, FL 33316

Meeting is held In the Oak Room



Parking will be in the 7 story parking garage, (see A Above). The entrance to the building is on the first floor directly across from the parking garage (see B above). You will need to go in the main entrance and sign in at the security desk and they will issue you a pass to wear. Bring a driver's license with you or a picture I.D. Do not by-pass security. They will tell you how to get to the Oak Room.

From I-95 or 595

Take I-95 or 595 to SR 84. Go east on 84 until you get to Andrews Avenue turn left (North) until you get to the hospital on your right. 1600 South Andrews Avenue

From I-95 to Broward Blvd

Take I-95 to Broward Blvd. East on Broward Blvd until you get to Andrews Avenue turn Right (South) until you get to the hospital on your Left. 1600 South Andrews Avenue

Talk-in will be on the 146.910 Mhz. -600 PL 110.9 Hz.

If you get lost or need directions, please call our cell phones:

Robin Terrill, N4HHP RACES Officer 954 249-5343

Carol Sjursen, KJ4AWB ARES® Emergency Coordinator 954 803-6338

Barry Porter, KB1PA ARES/RACES Training OFFICER 1 561 499-8424



Sign Up to Receive Your Free Tropical Weather Emails



ARRL The national association for Amateur Radio
CENTENNIAL
Advancing the Art and Science of Radio—Since 1914

If you would like to receive this training Newsletter when they come out, please reply to n4hhp@comcast.net