

May 2019

THE
REACT
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MEMORIAL DAY

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Amateur Radio



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A Word from the Editor

Will Stanley, Editor, The *REACTer*

MAY IS NATIONAL REACT MONTH!

Now is the time to get out there and **PROMOTE** your team. If you won't toot your own horn, don't expect anyone else to do it for you.

REACT Teams across the country perform amazing acts in their communities. Flagler in Florida is very active in local events and in hurricane preparedness. Heartland in Omaha (NE) is entering their busy period filled with storm watches and reporting. plus civic events. Teams in California are active with runs, walks, and other types of events.

The point is... **YOUR TEAM** can be a part of this if you're not already. Talk to the newspaper in your community - every community has one and they are **ALWAYS** looking for stuff to fill their space. Tell them **WHO** you are, **WHAT** you do, **WHY** you do it, **WHERE** you do it and **WHEN**.

The reason I listed that as I did, is that line of queries (**WHO, WHAT, WHERE, WHEN and WHY**) is what reporters live on. It is the basis of **EVERY** story you read. If you make it easy for the reporter to write a good story about your Team, you will have an ally forever! Same goes for TV and radio people. Talk to them all!

Also, get with your Police Chief or PD PR officer. Let them know what your capabilities are. They will use you, especially if you act in a professional manner. Not sure what your Team should sound like on the radio? Listen to a scanner and the PD and copy them. It will make it easier to get on their good side so they expect your help.

And the last piece is this: **RECRUIT!!!** In every story that runs on the TV, radio or in the newspaper, make sure your contact info is included so potential members can contact you to join! And this one is very important -- if you list a telephone number for contact **MAKE SURE THERE IS SOMEONE AVAILABLE TO ANSWER THAT PHONE ALL THE TIME!** Listing a phone number that is answered rarely or never does you no good at all. Answer that phone and be prepared to tell that caller why becoming a member of your Team will be the best thing they will ever do!



The *REACTer* (ISSN 1055-9167) is the official publication of *REACT* International, Inc., a non-profit public service corporation.

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William Stanley
Editor

DEADLINE: 15th of the Month prior to publication (i.e: July 15th for August issue, etc)

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Your article and photo submissions are vital to our success! Articles, high resolution photos and inquiries about advertising in The REACTer can be emailed to:
editor@theREACTer.com

The *REACTer* magazine is available and open to all interested persons at: www.thereacter.com

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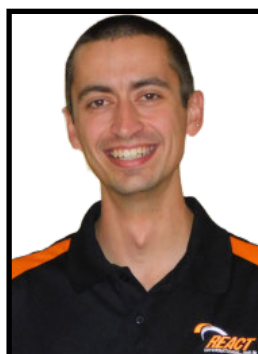
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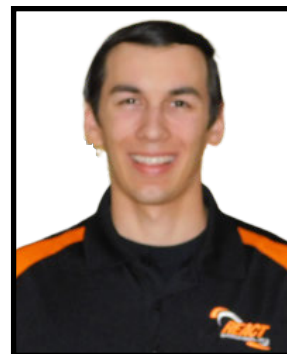
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ATTENTION:
ALL REACT MEMBERS
and
ALL HAM OPERATORS



YOU ARE INVITED TO JOIN US
ON THE
REACT INTERNATIONAL
WORLDWIDE NET
EVERY TUESDAY AT 9 P.M. EST



Contact nets@REACTIntl.org
for information on how
to get on the net



National Police Week

May 6- May 16, 2019

National Police Week is in May each year and I have to admit I have not really paid much attention to it, like most of us. But the one thing that got me when I was looking up the following information, is the TOTAL number of fallen officers... TWO HUNDRED TWENTY FIVE law officers fell in the line of duty in 2019 ALONE.

Think about that....

HISTORY

In 1962, President John F. Kennedy signed a proclamation which designated May 15 as Peace Officers Memorial Day and the week in which that date falls as Police Week. Currently, tens of thousands of law enforcement officers from around the world converge on Washington, DC to participate in a number of planned events which honor those that have paid the ultimate sacrifice.



The Memorial Service began in 1982 as a gathering in Senate Park of approximately 120 survivors and supporters of law enforcement. Decades later, the event, more commonly known as National Police Week, has grown to a series of events which attracts thousands of survivors and law enforcement officers to our Nation's Capital each year.

The National Peace Officers Memorial Service, which is sponsored by the Grand Lodge of the Fraternal Order of Police, is one in a series of events which includes the Candlelight Vigil, which is sponsored by the National Law Enforcement Officers Memorial Fund (NLEOMF) and seminars sponsored by Concerns of Police Survivors (C.O.P.S.)

National Police Week draws in between 25,000 to 40,000 attendees. The attendees come from departments throughout the United States as well as from agencies throughout the world. This provides a unique opportunity to meet others who work in law enforcement. In that spirit, the Fraternal Order of Police DC Lodge #1 sponsors receptions each afternoon and evening during Police Week. These events are open to all law enforcement personnel and are an experience unlike any other.

THE NATIONAL LAW ENFORCEMENT OFFICERS MEMORIAL - Washington, DC

The National Law Enforcement Officers Memorial is centered in the 400 block of E Street, NW, Washington, DC and is the nation's monument to law enforcement officers who have died in the line of duty. Dedicated on October 15, 1991, the Memorial honors federal, state and local law enforcement officers who have made the ultimate sacrifice for the safety and protection of our



nation and its people.

The Memorial features two curving, 304-foot-long blue-gray marble walls. Carved on these walls are the names of more than 21,000 officers who have been killed in the line of duty throughout U.S. history, dating back to the first known death in 1791. Unlike many other memorials in Washington, DC, the National Law Enforcement Officers Memorial is ever-changing: new names of fallen officers are added to the monument each spring, in conjunction with National Police Week.

Founded in 1984, the National Law Enforcement Officers Memorial Fund is dedicated to telling the story of American Law Enforcement and making it safer for those who serve.

May is National *REACT* Month

REACT is 57 years old this year. Fifty Seven years of helping our communities with all manner of things - emergencies, disasters, civic events... you name, *REACT* does it! See my column on Page 3 for more information. What follows here is a template for a Proclamation that you can use to get your mayor, or governor to declare May as *REACT* Month in your community.

Whereas Radio Emergency Associated Communication Teams was founded in 1962, and;

Whereas *REACT* continues to serve and assist in their local communities and nationwide during emergencies, disasters and other local incidents and events, and;

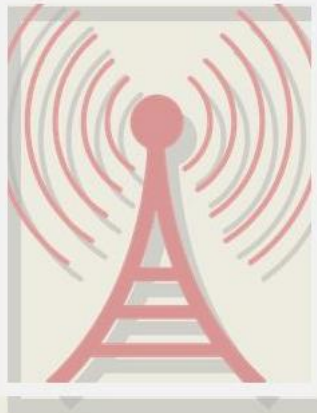
Whereas *REACT* members give willingly and voluntarily of their time, and effort, often using their own equipment and money to accomplish their goals, and;

Whereas there are _____ *REACT* Teams (or members) in (State or City);

Therefore:

It is hereby proclaimed that the month of May in the year Two Thousand and Nineteen shall be declared to be National *REACT* Month in order to recognize, celebrate and honor *REACT* members nationwide.

PROMOTE!!



NEWS

FROM THE

FRONT LINES

Editor's Note

After the April issue was posted, I received a note from Blackberry *REACT* (CA). The article for that Team that appeared in this column was submitted by Jon Mosby, but he wanted to let me know that the article was actually written by Anne Perlman, Blackberry unit 101.

Thank you, Jon, for the correction and thank you Anne for a great Team News article!

Heartland *REACT*

(Nebraska)

Submitted by Sara Rose Ahonen

Class of 2019 was our largest class in recent memory! Please welcome all the newest volunteers, dedicated to serving and protecting Douglas & Sarpy Counties!

We now have 71 members! The second highest member roster out of all of *REACT* International teams (following Trinidad & Tobago *REACT*).



Our new members are:

Mathew Baer, Michael Baer, Hunter Bockman, John Christensen, John, Lisa Christensen, Joseph Kammerer, Michael Kammerer, Mike Kammerer, Eric Lawrence, Gonzalo Manriquez, Jon McDonald, Jose Munguia, Terry Munguia, Lisa Nelson, Kim Palmquist, Howard Parks, Christy Reed, Zachary Reed, Craig Rogers, Julie Rogers, Philip Ryan, Anna Schooley, Sean Schooley, Dan Smith, Joshua Smith, Alicia Spires, Nicole Walker,

Cherie Watkins, Robert Watkins, and Sylvia Zingg.

Special welcome to our 2 newest Junior members!
Carter Lawrence & Emeron Christensen!

Congratulations and welcome to all!

As you have all no doubt heard by now, there was some terrible flooding in the Midwest.

Our hearts have been with all of those impacted by the historic flooding in Nebraska. Our volunteers logged hundreds of hours monitoring the river, sandbagging, and establishing emer-



gency evacuation shelters.

Victims in the Riverside Lakes area commented that they were so grateful for *REACT* being able to assist, and the damage was much less than if there were no sandbags in place.

We would like to thank our Volunteers for their tireless efforts during this event.

We would like to thank our Volunteers for their tireless efforts during this event.



Tri-County *REACT*

(Nebraska)

Submitted by Cody Eastman

Members of Tri-County *REACT* assisted the Cajun Navy in moving supplies and material to places in Nebraska following the recent massive flooding in the



area.

Cody Eastman, member of Tri-County *REACT* said they were helping move supplies into Nebraska and South Dakota communities that have been hard hit by the flooding.

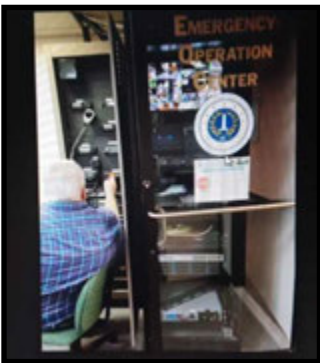
This spring has seen the worst flooding in Nebraska in more than 20 years.

Cody Eastman (left) is shown here loading another batch of supplies to be transported to flood hit communities.

Southeast Louisiana *REACT*

(Louisiana)

Submitted by Joe Glorioso



It was a Busy week for us...

On April, 2019 the Southeast Louisiana *REACT* Team join forces with the Crescent City Amateur Radio Group for their 2019 Hurricane Communications test.

We tested our amateur radio equipment at the St. Bernard Emergency Operations Center, These agencies participated in

our test: The National Hurricane Center, WX4NHC, WWL radio (Emergency Broadcast Station, W5WWL, Plaquemines Emergency Operations Center, American Red Cross, and many other stations.

Then on April 7, 2019 the Team joined forces again, to activate a Region 1 Skywarn Net., due to the fact we had a line of thunder storms moving in our region. We

had over 20 checkins on our local ham repeater and had a report of a tornado touch down in Jefferson Louisiana. Even though no one was injured, parts of our region were out of electricity for approximate 12 hours.



Cleveland County *REACT*

(North Carolina)

Submitted By Jay Flora

We stay very busy year round helping the Shelby Police Department. On 4-06-2019 Team members of Cleveland County *REACT* in Shelby, NC had a great time helping the Shelby Police at the Household Hazardous Waste Collection Day from 9:00 a.m. until 1:00 p.m. at the Cleveland County Health Department.



(L to R) Explorer Darius Watkins, *REACT* Chief Jay Flora, Explorer Eddie Gemes, Explorer Alley Summitt and Explorer Maddie Gemes

We helped with getting traffic in and out of the parking lot. Shelby Police Officer David Gemes assigned 3 Police Explorer Scouts to me to help at my assigned post. There were a lot of vehicles dropping off a lot of home and non-home waste. We had traffic moving smoothly in and out of the parking lot.

Officer Gemes asked if Cleveland County *REACT* could help out on April 26th at Jefferson Elementary School from 5:00 p.m. 'til 8:00 p.m with a special event, The Spring Carnival.

I told him we can. We will be working the crosswalk near the event, stopping cars to assist people walking across the street from the Church to the School for the event.



(L to) Explorer Maddie Gemes, Explorer Alley Summitt and Back row L to R Explorer Eddie Gemes, Officer David Gemes Shelby Police and Explorer Darius Watkins.

St. George County *REACT*

(Trinidad and Tobago)

Submitted by Monique Walker

REACT was first established in Trinidad and Tobago in 1964, two years after the sister islands gained its Independence from Great Britain on August 31st 1962. Today, *REACT* has expanded throughout the country with nine active teams guided by the *REACT* Trinidad and Tobago Council. Although *REACT*'s primary responsibility is to support the country's emergency management community with communications during crisis and disaster, *REACT* Trinidad and Tobago has managed to expand its tasks and go beyond their call of duty.

The *REACT* Team 4928 provides two-way radio communications to Government agencies, Non- Governmental Organisations (NGO's), Communities, Faith Based Organisations, and Sporting and Cultural Groups, in accordance with specific requests from these agencies or organisations.

However, one of the most anticipated events on their calendar is the Trinidad and Tobago Carnival festival. This festival is the most demanding event for *REACT* Team 4928 and requires an assortment of equipment, training and volunteers.

Trinidad and Tobago Carnival traces as far back as 219 years ago with the settling of the French immigrants. In an effort to entertain themselves, the African slaves impersonated their French masters while adding elements of the African culture. In 1838, when slavery was abolished on the island, the freed slaves took to the streets in euphoria with their presentations. This spawned the beginning of what is today known as Carnival; an event so extraordinary and filled with rich cultural heritage that you have to see it to believe it.

REACT Team 4928 has been involved with Carnival since 1975, with 2019 marking 45 years of continuous service. Through dedication and commitment, Carnival is an elaborate, creative and competitive festival patronized by local, regional and international spheres.

This festive season is usually launched at the beginning of December, with all events commencing after the Christmas season and culminating immediately before the start of the Lenten season the following year. Carnival is an extensive season with over forty (40) events; inclusive of fetes (parties), traditional and non-traditional events. Some of the major historical activities include; Stick Fighting competitions (an African performance of dance, singing and stick fighting performed by men only), the Re-enactment of the Canboulay Riots (the act where slaves were gathered at night when there was a fire in the cane field, marching to the sound of drums) and Calypso Fiesta (Afro-Caribbean music competitions).

Other events that are of both local and international importance include Panorama (an annual music competition using steelbands, the only musical instrument to be in-

On 4/19/2019 I took a call on CB radio channel-19 of an overturned 18 wheeler causing a morning commute delay on US 74 eastbound. The lane was closed down and used cb radio channel-19 to notify the traffic. CB radio is not dead.

This incident began around 7:20 a.m. A Coca-Cola delivery 18 wheeler headed east on US 74 overturned in the median near Harmon Road Kings Mountain, NC about 15 miles east of Shelby. The driver was sent to Carolinas Healthcare System, to be checked for injuries, according to NC Highway Patrol. No other vehicles were involved in the wreck.

Traffic was backed up east bound on US 74 and the highway was a parking lot until tell they were able to reroute traffic.

Also, from 3:05 p.m. until 8:00 p.m. Cleveland County *REACT* was on CB radio and Amateur Radio doing Skywarn nets due to severe storm warnings and tornado warnings in my county and surroundings counties in NC and SC. People were calling on CB asking for weather info and we were able to give them the info they needed, not just on Amateur Radio. We may be a 6 member *REACT* team with only 3 active members but people in our area know us and they know we will be there in times of emergency's on both CB radio and Amateur Radio so they can get help and information.

The Shelby Police Department appreciates our Team's assistance but there are other agencies we help also:

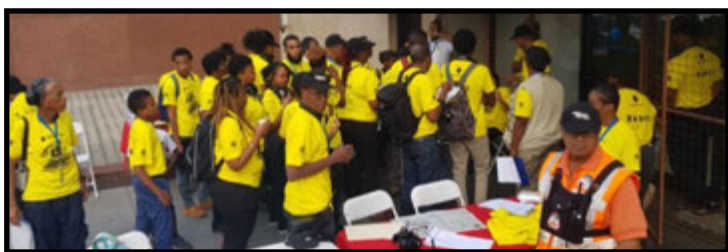
Shelby Fire Dept.
 Cleveland County Sheriff Dept.
 Cleveland Volunteer Fire Dept.
 Lawndale Fire Dept.
 Fallston Fire Dept
 Waco Fire Dept.
 Number 7 Fire Dept.
 and The North Carolina Highway Patrol.

vented in the 20th century), Dimanche Gras, Junior Parade and Senior Parade of the Bands on Carnival Monday and Tuesday. International Soca Monarch is another major international gathering that attracts thousands of tourists. During 2000-2017, there was an annual average of just over 38,000 international visitors to the island, according to the Central Statistical Office of Trinidad and Tobago.

Trinidad and Tobago Carnival has influenced many other festivals globally, from Notting Hill Carnival in Britain, Canada's CARIBANA festival, to Labour Day celebration in Brooklyn New York. The island has unquestionably stamped its rich heritage on its worldwide audience, with *REACT* continuously supporting the arts and this national event.

For this year's festivities, the National Carnival Commission (NCC), the agency mandated to facilitate the staging of Carnival celebrations in the country, again contracted the *REACT* to provide communication services. Our team facilitated this request and supplied 125 operators who volunteered their time, approximately 9000 hours, in services and equipment for 21 events between February 15th and March 5th 2019. Effective management of so many events in such a short period of time requires months of planning.

For all of the pre-Carnival events, a communication network is established at the venues. This network will link the various operational arrears such as: the stage, dressing rooms, light and sound, judges, health and emergency services, the NCC Venue Operating Centre (VOC), the gates, and any other areas which require speedy communication. An events manager is selected with a team of two administrators, equipment dispatcher and network controller. At each event, operators arrive two (2) hours before the start time. During this time, the hospitality manager ensures that all operators are given light refreshment and any refreshments needed for the event after deployment. The equipment dispatcher/technology team guarantees all radios are in suitable working conditions and keyed in to the correct frequency, while the network controller confirms all operators are in fact on the same frequency. At this point, the events manager deploys operators to their designated locations.



Briefing for Junior Parade of the Bands, Carnival Saturday

The street parade on Carnival Monday and Tuesday signals the end of the season; however, it is the most significant part of the presentation. On those days, over 75 operators are deployed to the large, medium and most small

bands that parade in the capital city Port of Spain, and at the four designated judging venues, which are Queen's Park Savannah, Victoria Square, Piccadilly Greens and Downtown Port of Spain. Operators are also placed at key locations around the judging venues and at strategic locations on the parade route, assisting zone managers who are assigned along the route to avoid congestion and minimize conflicts among parade bands and address issues if necessary.

Parade Route for Carnival Monday and Tuesday – Image created by NCC

At the Queen's Park Savannah, the main judging venue, the operation is divided into two areas:

1. *REACT* Communications Centre – where the movement of bands along the parade route are monitored using both GPS and information communicated by our operators in the various bands. At a glance, either on the monitor or the Band Control Board, one can ascertain the location of any band as the information on the movement of each band is recorded and can be used to verify infringements.

- a. Venue Control – where we link the four Judging venues and the operators in and around the venue.

- b. Point Duty Control – where information is received by our operators on the Parade route.

- c. Emergency Management Control – where information is shared with the Regional Corporations within our area of operation

2. Staging Area – which is divided into three areas

- a. Deployment - where operators receive final instructions, operators in bands receive their log books, venue operators receive their package of documents, and equipment, and receive some hospitality.

- b. Hospitality – where operators receive adequate supply of water and refreshments.

- c. Technology – where equipment is issued to operators based on their posted location.

- i. Operators in bands issued Digital MotoTRBO UHF portables with GPS tracking facilities.

- ii. Venue operators have base stations with proper antennas installed at the venue, and handheld VHF radios for runners on the ground.

- iii. Point Duty operators have handheld radios which access the Team's VHF repeater.

The commercial VHF equipment are usually used during these Carnival shows which comprises of member's personal radios, NCC equipment and *REACT*'s equipment i.e. base radios and portables. A technology team member is present at each show to ensure that all radios are in functioning at optimum capacity.

This year, we again contracted Massy Technologies Info-Com and rented thirty Motorola Digital Two-way Radio

Communication System for the month of Carnival. The thirty portables supplied provided the benefits of clearer voice quality through audio enhancement, noise cancellation, text messaging, extended battery life and the most important feature the GPS Tracking. The noise-cancelling feature has become integral for the Team, as at all of the events operators have to compete with loud music which can make communication challenging.

Throughout the year, the Team functions with several committees, but for the Carnival season, these committees ensure that all the preparatory work gets done in a timely manner so that when events start, things can run smoothly.



Training Sessions held for the Canval event

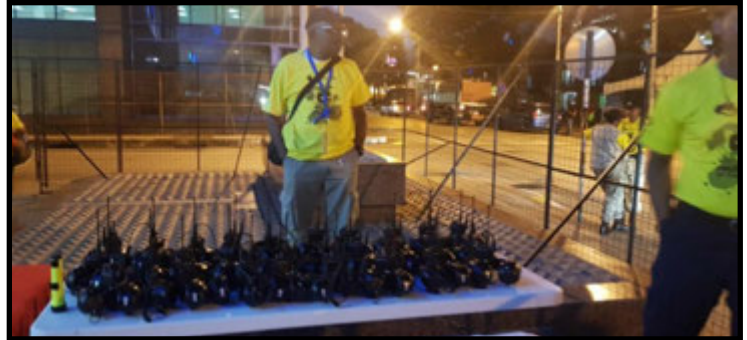
Training Committee

In 2019, all operators, new members as well as existing members, were required to participate in the Team's training programs. Members were taught and/or refreshed on: radio theory and operation, frequency theory and usage, roles and functions of team members, anatomy of an event, chain of command, dress code, expectations of operators, proper recording techniques, personal safety and knowing one's limits. In all, members participated in three full days of training held over three weekends.

Technology Committee

The technology team ensured that the Team's equipment could adequately function for the season. Thirty

MotoTRBO handheld radios and one MotoTRBO base radio were rented and heavily utilized throughout the season. Thirty Baofeng UV-82C radios were also recently purchased by the Team and were used mainly as redundancy for the digital radios, or for when there were simultaneous events where operators needed to be on separate frequencies. NCC officials were also given access to the Team's VHF frequencies to monitor communications for the event and provide assistance if required. The Team also replaced its main antenna, putting up two VHF omnidirectional antennas, two VHF directional antennas pointing towards the Team's two repeaters, and one UHF antenna.



Digital MotoTRBO radios used on events.



New antenna installation

Marketing Committee

The marketing team sought to acquire additional funding for the Team, as well as donations of water, other refreshments, snacks, meals and uniforms. They worked tirelessly writing letters to corporations,

and following up with phone calls and arranging to collect items and having them distributed to the members at the various events.

Management Structure

REACT has representatives, appointed by the National Carnival Commission of Trinidad and Tobago (NCC) who serve on the following NCC Committees:

- Operations - Lester Anthony Wilson and
- Parade of Bands – Paula-Marie Granado



The team tracking the bands for the festival

The members of the 2019 Carnival Communications Committee were:

- Chairperson: Ronald Newton (RI#3249, R208, 9Z4RGN)
- Vice Chairperson / Training: Tenielle Skeete (RI#20240, R2189)
- Secretary: Hermes Jacobs (RI#21279, R2230)
- Assistant Secretary / Technology: Monique Walker (RI#21273, R2229, 9Z4MW)
- Treasurer: Sterlyn Ralph (RI#19971, R2156)
- ICT: Jason Charles (RI#19683, R2124)
- Events: Carol-Ann Johnson (RI#18947, R2145)
- Facilities: Brinsley McKay (RI#16791, R216)
- Marketing: Paula Pantin (RI#20231, R2178)
- NCC Operations / Administration: Lester Anthony Wilson (RI#3252, LM573, R201)
- NCC Parade of Bands / Emergency Management: Paula-Marie Granado (RI#16536, R266)

The Carnival Communications Committee (CCC) held its first meeting on June 27, 2018. There were a total of twelve meetings to ensure compliance with the terms of reference as mandated by the NCC, and to ensure that their committees were getting their tasks accomplished, and if necessary, providing assistance to committees who required assistance.

While challenging, Carnival is one of the most anticipated events for *REACT* Trinidad and Tobago, and provides the team with the opportunity to fine tune their systems and procedures, and ensure that their radio network operational. Operators get real world experience in demanding situations, which highlights the strengths and weaknesses within in team, showing where future training will be beneficial. We all look forward to Carnival 2020.

Other Contributors to this article (article and photos)

- Lester Wilson (RI#3252, LM573, R201)
- Ronald Newton (RI#3249, R208, 9Z4RGN)

- Paula-Marie Granado (RI#16536, R266)
- Monique Walker (RI#21273, R2229, 9Z4MW)
- Brinsley McKay (RI#16791, R216)

Dutchess Putnam *REACT*

(New York)

Submitted by Warren Deitz

Dutchess Putnam *REACT* recently was the benefactor of a fund raiser held by a local business, Town Square Pizza Café, located in Patterson, NY. For every pizza sold in the month of March, Town Square Pizza donated a percentage to our team.



(L to R) REACT members Joe Namer, Andrew Seymour, Store Owner Lenny Sauro and REACT team treasurer Barbara Deitz.

The picture shows our Team members and the owner of Town Square Pizza, Lenny Sauro, as he presents a check to us for \$1,187.50! We are so grateful for the generous donation made to us by this wonderful local business.

Flagler County Assist *REACT*

(Florida)

Submitted by Bob Pickering

Flagler County Assist *REACT* worked their first 5K run of 2019 on February 24th. Members provided course marshalling and communications support for the event. Five members worked the event, which was held at the Palm Coast Town Center.



Flagler Team members at the Super Hero 5K event in Palm Coast, FL

The event was a benefit for the benefit of the Palm Coast Community Child Center.



View From Region One

John Mahon
Director, Region One

What is Auxiliary Communication Service (ACS): The definition of Auxiliary: providing supplementary or additional help and support. Communications is: The successful exchanging of information or news. News is: newly received or noteworthy information as related to our current tasking. Service: a system supplying a public need, in our case communications.

Auxiliary Communication Service is the primary model that allows *REACT* to operate as a nonprofit under the *REACT* International 501 C3 umbrella as recognized by the IRS in the 1972. While we're on the nonprofit status, we are not limited to Auxiliary Communication Service. We can also include other service activities, supplying a public need, with educational programs about the benefits of the personal radio service in the community, with Business, civic groups and other nonprofit organizations, as well as other activities.

The Department of Homeland Security, Office of Emergency Communications: "AUXCOMM" is an umbrella term and acronym for "auxiliary communications." It was developed by OEC in 2009 with the assistance of amateur radio subject matter experts. The concept behind the acronym was to educate the many amateur radio entities to work and train with public safety personnel, understand the value of the National Incident Management System (NIMS) Incident Command System (ICS) concept and the role of the communications unit leader (COML).

AUXCOMM, although not an official national ICS position as of yet, is most often identified as a Technical Specialist (THSP) in the Communications Unit of the NIMS ICS structure. A few states have endorsed AUXCOMM as an official position within their state NIMS/ICS structure. The process on how this can be accomplished is described in the FEMA NIMS: Guidelines for the Credentialing of Personnel, August 2011 and FEMA's Type 3 All-Hazard Incident Management System Qualification Guide, dated September 2010.

This model is not limited to amateur radio, although amateur radio is the best citizen based radio services

available for the many ways to deliver the message to that last mile, in so many ways. Amateur radio works locally, regionally or globally. Amateur radio offers so many modes, on many bands, more than what is available in any other citizen based radio service(s).

There are many members who call the office to ask, "Why do we have to use amateur radio?". The answer is you do not have to! It is the best choice because of the many options to move those messages locally to globally. Whether you use CB, FRS, GMRS, LPRS, MURS or amateur radio, our goal is always going to be the same, deliver the message as soon as possible.

The best aspect of amateur radio, in my opinion, is the FCC authorization that amateur radio operators may transmit test emissions for brief periods for experimental purposes. Over the years, amateur radio operators have developed a huge range of methods of communicating.

From Satellites, NVIS (near vertical incidence sky-wave, a sky-wave radio-wave propagation path that provides usable signals in the range between ground-wave and conventional sky-wave distances - usually 30-400 miles.) to bouncing your signal off the moon, you can still communicate. Naturally, this requires a lot more equipment than PRS equipment to successfully accomplish these connections. Amateur radio offers too many options than can be covered here. We simply are limited with the initial PRS systems the FCC has in place. More information is available at <http://www.arrl.org/public-service>.

Our family is our number one concern, in safety, in the protection of you, your family and your property. Taking action on this just after being activated is too late. Depending on the nature of the incident or your deployment schedule, you may be required to respond directly to your assignment and not have an opportunity to go home first. You must plan with your family and for the safety of your property now, before an event occurs.

A basic checklist of items is listed in the DHS AUX-FOG, but you should add additional items based on your personal circumstances: FEMA recommends

your entire family have at least three days of non-refrigerated food and bottled water to sustain them. Based on past performance of Government responses, I personally plan for 3 weeks.

We know they recommend you have a medical kit that is easily accessible by the whole family. This is not as easy as a store bought first aid kit. You may have to consider special medical supplies from minor to severe injuries. How about the everyday medications, either prescription or over the counter products you use on a Daily basis? Do you have fully functioning fire extinguishers in the house? Do all family members know how to use them? When was the last time you checked them?

So you're at the EOC or Shelter setting up a communications station. Does your family have a method of escape out of the immediate area without you? Do they have maps indicating their primary and alternate escape routes? Does your family have an alternate place to go to if necessary? Will you know where to find them? This may be another family member's house or a designated meeting point. Are alternate phone numbers written down and in your wallet/purse? Remember cell phones/texting and regular phones may be down. Do you

have an alternate way of communicating?

Do you have a designated family member or other person outside the affected area to serve as the primary point of contact for all family members to call? Consider using the Red Cross "Safe and Well" resource located at www.redcross.org/safeandwell.

Do you have copies of your valuable documents packaged and ready to quickly take with you? Items such as marriage license, mortgage paperwork, deeds, insurance paperwork, any wills, a listing of bank and credit card contacts along with account numbers? Do you have access to additional cash? ATMs will likely be down, and banks closed, during a major event. Do you have sufficient fuel?

There are so many things to consider and prepare for a deployment because you cannot abandon your assignment once you're there. Your family has to be trained, well supplied and able to survive with you if affected by the same incident you are deploying for.

The DHS Auxiliary Communications, Field Operations Guide (AUXFOG) can be downloaded here: <http://tinyurl.com/y32mozpj>

The FCC wants you to know...

The General Mobile Radio Service (GMRS) is a licensed radio service that uses channels around 462 MHz and 467 MHz. The most common use of GMRS channels is for short-distance, two-way voice communications using hand-held radios, mobile radios and repeater systems. In 2017, the FCC expanded GMRS to also allow short data messaging applications including text messaging and GPS location information.

Services that provide functionality similar to GMRS include the Citizens Band Radio Service (CBRS), the Family Radio Service (FRS) and the Multi-Use Radio Service (MURS).

The GMRS is available to an individual (one man or one woman) for short-distance two-way communications to facilitate the activities of licensees and their immediate family members. Each licensee manages a system consisting of one or more transmitting units (stations.) The rules for GMRS limit eligibility for new GMRS system licenses to individuals in order to make the service available to personal users. (Some previously licensed non-individual systems are allowed to continue using GMRS.)

In 2017, the FCC updated the GMRS by allotting additional interstitial channels in the 467 MHz band, increased the license term from 5 to 10 years, allowed transmission of limited data applications such as text messaging and GPS location information and made other updates to the GMRS rules to reflect modern application of the service.



The Family Radio Service (FRS) is a private, two-way, very short-distance voice and data communications service for facilitating family and group activities. The most common use for FRS channels is short-distance, two-way voice communications using small hand-held radios that are similar to walkie-talkies. Other services that allow similar communications include the General Mobile Radio Service (GMRS) and the Multi-Use Radio Service (MURS). Background The FRS is authorized 14 channels, some of which are shared with GMRS. The rules for this service are in Part 95 subpart B of the Commission's Rules. Licensing FRS is licensed by rule. This means an individual license is not required to operate an FRS radio provide you comply with the rules. You may operate an FRS radio regardless of your age, and for personal or for business use if you are not a representative of a foreign government. Channels There are 14 FRS channels.

Each channel has a bandwidth of 12.5 kHz. 462.5625 462.5875 462.6125 462.6375 462.6625 462.6875 462.7125 467.5625 467.5875 467.6125 467.6375 467.6625 467.6875 467.7125 Seven of the channels (Channels 1-7) are shared with the GMRS, so you may hear communications from GMRS station on these channels. The other seven channels are "FRS-only" channels. Operating a Family Radio Service (FRS) Unit You can operate a FRS transmitter at any place where the FCC regulates radio communications, subject to certain limitations. A FRS transmitter may not be modified and must be certified by the FCC.



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to the

**Trinidad and Tobago
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on

45 YEARS

of working with

CARNIVAL!!

NEW FEATURE! We celebrate/mourn the passing of REACT members, why not celebrate the births of NEW REACTers?

Send birth announcements and pictures to editor@thereacter.com



*New
Mics*

Mr. and Mrs. Darryl J. Williams of Southwestern REACT (CA) announce the birth of their baby boy!

Darryl J. Williams Jr was born on March 22nd, 2019 at 8:46 p.m.

Welcome to the world, future REACTer!





Silent Mics

*It is with great sadness that we notify our REACT Family
of the passing of these members*



Elizabeth "Betty" Dull-Timm 1959 - 2019



This past March *REACT* International lost one of the organization's most dedicated and diligent worker that has accepted the challenge and displayed the honor to wear the *REACT* uniform. Elizabeth "Betty" Dull-Timm was born on July 3rd, 1959 and passed away from a long battle with illness on March 22nd, 2019.

Betty started with Lenawee County *REACT* in 1992. She displayed a phenomenal work ethic, a superb attention to detail and a outstanding ability to assist in helping anyone in need. She quickly rose through the ranks and rose to challenge of more responsibility every time a new obstacle presented itself. When membership and effectiveness both took a path that didn't have the organizations best interests in mind she made it a personal goal to correct the wrong and guide Maple City *REACT* in the right direction. She was responsible for coordinating the entire security force for infield operations for

NASCAR® races at Michigan International Speedway. She was instrumental in countless efforts to assist making *REACT* one of the top volunteer organizations in Adrian and Lenawee County. *REACT* also performed many services at the "Big House" on the University of Michigan campus.

Betty loved everything about Lenawee County and the city of Adrian so much she worked tirelessly to help make it a better place for everyone. She was born in Adrian, lived and raised her family in Adrian and was laid to rest in Adrian. Her Mother, Father and a sister preceded her in death. She is survived by a son, Grant Dull of Adrian. Daughter Amanda Shipman (Nick) of Adrian. Grandchildren, Jonathan Shipman 19, U. S. Navy. Tiler Shipman 17, Jade Shipman 16 and Kynsie Dull, 11.

Please remember Betty with happiness, she would have wanted that way. Also with respect, she will be missed by all.

John P. LaMar 1941 - 2019



John P. LaMar, age 77, of Fremont passed away Saturday, Jan. 5, 2019, at his home surrounded by his family.

John was born June 28, 1941, to John and Norma (Sheridan) LaMar in St. Joseph, Missouri. He grew up in St. Joseph. In 1959, he moved to Kansas, City, Missouri. On Feb. 27, 1965, John married Henriette M. "Bo" Roesle in St. Joseph, Missouri. The couple lived in Indianapolis, Indiana, for a short time until moving to Fremont, NE in 1969.

Early in his career, John worked as a jeweler for Zales. He also worked for b. ruben, a jewelry wholesaler, Region 5/6 Emergency Management and was a reserve deputy with the Dodge County Sheriff's Office.

John was an active volunteer in the community as a past president of Dodge county *REACT* plus many other offices with the Team. In addition, he was active as a member of St. Patrick's Catholic Church as a member of the parish council, finance committee and Knights of Columbus. He was a past president of the Bergan Booster Club.

Survivors include his wife, Bo; daughter, Andrea LaMar; sons, John (Amber) LaMar Jr. and Tony (Amy) LaMar; and grandchildren, Beau Johnson, Haylea, Addisyn, Zoey and Elliot LaMar.

Are YOU an Artist or Designer?

REACT International Inc. announces the
60th Anniversary Logo

Contest is now

OPEN FOR ENTRIES!!!

\$100 Prize to the Winner!!

SUBMIT
Your
design
Today!



SUBMIT
Your
design
Today!

**WHO Will WIN the 60th
Anniversary Logo Contest??**

RULES FOR PARTICIPATION

- 1.) Entrant must be a *REACT* Member in good standing (Team, Life or Unattached)
- 2.) Entries must be received by December 31, 2019 to be considered. No Exceptions.
- 3.) Logo must include some variation of 60, Diamond Jubilee or other reference to *REACT's* 60th Birthday.
- 4.) The decision of the judges is final.
- 5.) Winner will receive \$100 and their logo will be placed in use for the entire 60th Year and will be featured prominently in The *REACTer* and all public and press releases and/or merchandise.
- 6.) Submit designs to *REACT* International at ri.hq@REACTIntl.org

REACT International Event Calendar

MAY 2019

1.....*REACT*er Published
1.....*REACT* Traffic Systems Net (9:15 p.m. ET)
1...*REACT* Monthly Message Run (9:25 p.m. ET)
4.....ZELLO World Wide Net (9 p.m. ET)
7.....*REACT* World Wide Net (9 p.m. ET)
8.....*REACT* Traffic Systems Net (9:15 p.m. ET)
11.....ZELLO World Wide Net (9 p.m. ET)
14.....*REACT* World Wide Net (9 p.m. ET)
15.....Deadline for June *REACT*er
15.....*REACT* Traffic Systems Net (9:15 p.m. ET)
18.....ZELLO World Wide Net (9 p.m. ET)
21.....*REACT* World Wide Net (9 p.m. ET)
22.....*REACT* Traffic Systems Net (9:15 p.m. ET)
25.....ZELLO World Wide Net (9 p.m. ET)
27.....MEMORIAL DAY (U.S.)
28.....*REACT* World Wide Net (9 p.m. ET)
29.....*REACT* Traffic Systems Net (9:15 p.m. ET)

JUNE 2019

1*REACT*er Published
1ZELLO World Wide Net (9 p.m. ET)
4*REACT* World Wide Net (9 p.m. ET)
5*REACT* Traffic Systems Net (9:15 p.m. ET)
5 ..*REACT* Monthly Message Run (9:25 p.m. ET)
8ZELLO World Wide Net (9:00 p.m. ET)
11*REACT* World Wide Net (9 p.m. ET)
12 ...*REACT* Traffic Systems Net (9:15 p.m. ET)
14.....FLAG DAY (U.S.)
15ZELLO World Wide Net (9:00 p.m. ET)
18*REACT* World Wide Net (9:00 p.m. ET)
19 ..*REACT* Traffic Sysytems Net (9:15 p.m. ET)
22ZELLO World Wide Net (9:00 p.m. ET)
25*REACT* World Wide Net (9:00 p.m. ET)
26 ...*REACT* Traffic Systems Net (9:15 p.m. ET)
29ZELLO World Wide Net (9:00 p.m. ET)
30*REACT* Int'l Board Meeting (9:00 p. m. ET)

JULY 2019

1.....*REACT*er Published
2.....*REACT* World Wide Net (9 p.m. ET)

3.....*REACT* Traffic Systems Net (9:15 p.m. ET)
3...*REACT* Monthly Message Run (9:25 p.m. ET)
4.....INDEPENDENCE DAY (U.S.)
6.....ZELLO World Wide Net (9 p.m. ET)
9.....*REACT* World Wide Net (9 p.m. ET)
10.....*REACT* Traffic Systems Net (9:15 p.m. ET)
13.....ZELLO World Wide Net (9 p.m. ET)
15.....Deadline for May *REACT*er
16.....*REACT* World Wide Net (9 p.m. ET)
17.....*REACT* Traffic Systems Net (9:15 p.m. ET)
20.....ZELLO World Wide Net (9 p.m. ET)
23.....*REACT* World Wide Net (9 p.m. ET)
24.....*REACT* Traffic Systems Net (9:15 p.m. ET)
27.....ZELLO World Wide Net (9 p.m. ET)
30.....*REACT* World Wide Net (9 p.m. ET)
31.....*REACT* Traffic Systems Net (9:15 p.m. ET)

AUGUST 2019

TBAMay ALERTEX 2019-B
1*REACT*er Published
1*REACT* Traffic System Net (9:15 p.m. ET)
1 ...*REACT* monthly Message Run (9:25 p.m. ET)
3Zello World Wide Net (9 p.m. ET)
6*REACT* World Wide Net (9 p.m. ET)
8*REACT* Traffic System Net (9:15 p.m. ET)
10Zello World Wide Net (9 p.m. ET)
13*REACT* World Wide Net (9 p.m. ET)
15*REACT* Traffic System Net (9:15 p.m. ET)
17Zello World Wide Net (9 p.m. ET)
20*REACT* World Wide Net (9 p.m. ET)
22*REACT* Traffic System Net (9:15 p.m. ET)
24Zello World Wide Net (9 p.m. ET)
27*REACT* World Wide Net (9 p.m. ET)
29*REACT* Traffic System Net (9:15 p.m. ET)
31Zello World Wide Net (9 p.m. ET)

**Most National/International Holidays are now
in the calendar. They are in CAPITAL PRINT**

*To add items to this calendar, contact:
REACT International: 301-316-2900 (Inter-Office Phone: Ext 114)
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*Items on the calendar are as accurate as we can make them but are subject to change.
Any questions ... contact the person in charge of the event*

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