

Solutions

- Chief Kevin Rulapaugh and the MARC-3 Team overcame significant odds and established reliable communications



L I N E	Z O N E	C H #	Function	Channel Name/ TG Name	Assignment	RX Freq N or W	RX Tone/ NAC	TX Freq N or W	Tx Tone/ NAC	Mode A, D or M	Re marks
1	IDA	7	Command	Interop7	Command Net	Trunked		On File			LWIN Trunked System **Mobile radios**
2	A	11	Logistics	TALK11	Logistics	Trunked		On File			JAX Talkaround **JAX radios**
3	A	1	Tactical	8TAC93	Fourchon	852.5125W	156.7	807.5125W	156.7	A	Regional Fourchon EST 1301 Patched with LaFourche Dispatch
4	A	2	Tactical	VTAC36	Grand Isle	151.1375N	156.7	159.4725N	136.5	A	Regional Grand Isle EST 1301 Patched with Jefferson Dispatch
5	A	3	Reserve	8CALL90	Regional	851.0125W	156.7	806.0125W	156.7	A	Regional - Reserve
6	A	4	Reserve	8TAC92	Regional	852.0125W	156.7	807.0125W	156.7	A	Regional - Reserve
7	A	5	Reserve	8TAC94	Regional	853.0125W	156.7	808.0125W	156.7	A	Regional - Reserve
8	A	6	Reserve	UTAC 42	Regional	453.7125N	156.7	458.7125N	156.7	A	Regional - Reserve
9	A	7	Reserve	VTAC37	Regional	154.4525N	156.7	158.7375N	136.5	A	Regional - Reserve
10	A	8	Reserve	8CALL90D	Talkaround	851.0125W	156.7	851.0125W	156.7	A	Local Talk Around
11	A	9	Reserve	8TAC91D	Talkaround	851.5125W	156.7	851.5125W	156.7	A	Local Talk Around
12	A	10	Reserve	8TAC92D	Talkaround	852.0125W	156.7	852.0125W	156.7	A	Local Talk Around
13	A	11	Reserve	8TAC93D	Talkaround	852.5125W	156.7	852.5125W	156.7	A	Local Talk Around
14	A	12	Reserve	8TAC94D	Talkaround	853.0125W	156.7	853.0125W	156.7	A	Local Talk Around
15	A	13	Reserve	VTAC34	Regional	158.7375N	156.7	154.4525N	136.5	A	Regional - Reserve
16	A	14	Tactical	Marine Ch 16	Maritime Distress	156.8000 W	CSQ	156.8000 W	CSQ	A	Maritime Distress

Flexibility

- Mission critical to have the ability to build relationships and open lines of communication with locals. **It is their home.**



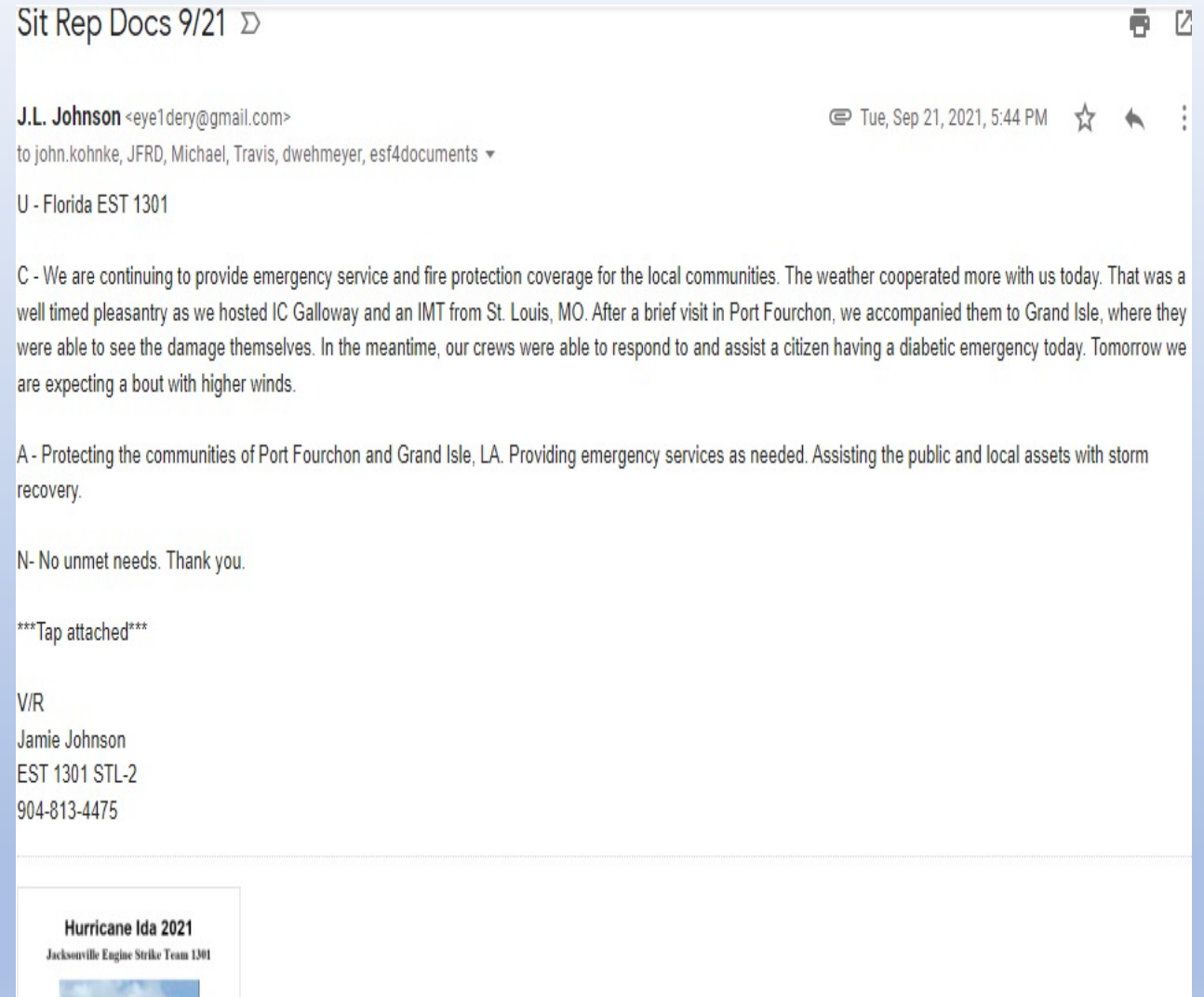
Flexibility

- Once arriving at the Thibodaux BoO, EST 1301 was housed in everything from tents with cots, to bunks on a docked off-shore boat



Accountability

- **Daily “UCAN” reports were provided to the Command Staff in LA, as well as our folks back home in FL**



Accountability

A running total of call types and locations was recorded and relayed to the Command Staff daily

<u>EST 1301 Apparatus</u>	<u>Arson</u>	<u>Medical</u>	<u>Alarm</u>	<u>Fire</u>	<u>Other</u>	<u>Date</u>	<u>EST Running Total</u>	<u>DIV</u>
E31	0	0	1	0	0	9/10/2021	1	GI
E11	0	0	2	0	0	9/10/2021	3	GI
E20, E7, F8	0	0	1	0	0	9/10/2021	4	PF
E20, E7, F8	0	0	1	0	0	9/13/2021	5	PF
E31, E11, E22	0	1	0	0	0	9/13/2021	6	GI
E31, E11, E22	0	0	0	1	0	9/14/2021	7	GI
E7, E20	0	0	0	0	1 - MVC	9/14/2021	8	PF
E31, E11, E22	0	2	0	0	1 - MVC	9/14/2021	11	GI
E11	0	1	0	0	0	9/15/2021	12	GI
E22, E31	0	1	0	0	0	9/17/2021	13	GI
R3	0	1	0	0	0	9/19/2021	14	PF
E20, R3, F8, MARC3	0	0	0	0	1-ATU	9/19/2021	15	PF
E11	0	0	1	0	0	9/20/2021	16	GI
E20, R4, E7	0	1	0	0	0	9/21/2021	17	PF
E31, E11, E22	0	1	0	0	0	9/22/2021	18	GI
E20, F8, MARC3	0	0	0	0	1-ATU	9/22/2021	19	PF
E31, F9, E22	0	0	1	0	0	9/23/2021	20	GI
E20, E7, F8, MARC3, A4	0	1	0	0	0	9/24/2021	21	PF
E11, E31, E22, F9	0	0	0	1	0	9/24/2021	22	GI
E31, F9	0	0	1	0	0	9/26/2021	23	GI
E11, F9	0	1	0	0	0	9/26/2021	24	GI



Overwhelming Local Support

- After hearing that EST 1301 would be in theatre for an extended period, the LA SFM PIO arranged for haircuts for the members of the team at no cost

Thank You

- **Captain Jamie Johnson**
- **Jacksonville Fire-Rescue Department / FLTF-5**
- **jamiej@coj.net**
- **904-813-4475**

Presentation Highlights

- FL TF-4 US&R Deployment
- EST-1301 Deployment
- **MARC-3 Deployment**



Florida Mutual Aid Radio Communications System

Three MARC teams were deployed to support operational needs during Hurricane Ida

MARC 5N Orange County – Supported FL USAR TF4 for initial Search and Rescue operations

MARC 3 Alachua County – Supported Engine Strike Team 1301 providing fire suppression coverage

MARC 1 Ocean City Wright – Provided radio cache for field use



The Response of Florida's Mutual Aid Radio Communications System to Louisiana for Hurricane Ida



Executive Summary

EST1301 and MARC 3 were deployed on 5 September, 2021 to provide fire suppression services in area affected by hurricane Ida. The initial deployment duration of 14 days was extended to 28 days. EST1301 and MARC 3 were assigned to Port Fourchon, Grand Isle and Galliano, spanning over 40 road miles in rural Louisiana.

The native radio communications system was inoperative upon initial arrival. MARC 3 was tasked with providing mission critical radio communications for EST1301, linking with local dispatch centers and helping bring native radio systems online.

Florida Mutual Aid Radio Communications System

Consists of 8 deployable teams located across the state of Florida

Each unit consists of:

- 100 ft Alumatower
- Repeaters
- Radio cache
- Radio bridge
- Support equipment
- 10 Kw generator
- Tow vehicle
- Communications specialists



Florida MARC Deployment Typing

Type I – Full MARC cache with 4 personnel

Type II – Full MARC cache with 2 personnel

Type III – MARC tower and repeaters, no personnel

Type IV – Radio cache only

Florida MARC 3 – Alachua County

MARC 3 deployed as a type II due to multiple factors

- Available manpower – UF football season
- Staffing shortages
- COVID impacts

Lesson learned

- All teams should have adequate staffing to be 3 deep in all positions

Thibodaux Base of Operations



Initial check in conducted at the Thibodaux Base of Operations

MARC 3 coordinated with the Florida IMT Communications Unit to integrate into the incident without causing harmful interference

Port Fourchon Base of Operations

Operations set up in Port Fourchon on 6 September, 2021 with the objective of providing fire protection to the port, vessels and surrounding structures.

Radio communications needed for in vessel and outdoor operations caused multiple concerns

- High density vessels
- Wide area of responsibility
- High value assets
- High hazards

