The ECAR Dispatch
A monthly thing

Erie County ARES/RACES The AUXCOMM group

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Where's Everyone???



OK - We're looking for all you hams that we have on paper!! There's been a lot of requests for participation in this group; we need all of you to attend meetings, as well as participate in activities. Let's GO!!!

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The ECAR machines:

* Buffalo VHF 146.865(+) 151.4
* Buffalo UHF 443.525(+) 151.4
* Orchard Park UHF 443.975(+)141.3
* P25 system NAC 167
* Hamshack Hotline 6103148
- Hamshack Hotline Conference bridge 1385

1. Incident Name:
2.To (Name / Position):
From (Name / Position):
4. Subject:
5. Date: 6. Time:
7. Message:

8. Approved By:
9. Reply:

Replied By:
Date / Time:

GENERAL MESSAGE (ICS 213)

1. Incident Name (Optional):		
2. To (Name and Position):		
3. From (Name and Position):		
4. Subject:	**5. Date:**	**6. Time**
7. Message:		
8. Approved by: Name: _____ Signature: _____ Position/Title: _____		
9. Reply:		
10. Replied by: Name: _____ Position/Title: _____ Signature: _____		
ICS 213	Date/Time: _____	

Link to More Information On Comm

The following is a link to more info on Communications:

⇒ https://www.cisa.gov/sites/default/files/publications/Auxiliary%2520Emergency%2520Communications%2520Unit%252001.pdf

From the RO's desk..

NOTHING AT PRESS TIME

From the EC's desk..

NOTHING AT PRESS TIME

Meshtastic

Meshtastic is a decentralized wireless off-grid mesh networking LoRa protocol. The main goal of the project is enabling low-power, long-range communication over ISM radio bands. It operates at broadcast power levels which do not require a license to use. It is designed around exchanging text messages and data in off-grid environments, with potential applications in IoT projects where a decentralized communication system is needed without existing infrastructure.

Meshtastic uses LoRa peer to peer (P2P), a long-range radio protocol, to form a mesh network by rebroadcasting messages to extend communication reach. Each device can connect with a single phone, enabling messaging in off-grid areas, making it useful for not only messages, but also data transmissions.

Meshtastic was created by Kevin Hester in early 2020 as a solution for communication during hobbies where reliable internet access is unavailable. The project operates as a grassroots, community-driven endeavor with established local communities, maintaining a strong DIY ethos. The software is open source, with hundreds of contributors participating in its development.

Hardware:

Meshtastic uses hardware development boards, based on micro controllers like ESP32 and nRF52840, that support LoRa and BLE communication technologies, and optionally, GNSS receivers and WiFi transceivers. These devices enable seamless mobile app connectivity via Bluetooth or Wi-Fi, allowing long-range message retransmission across a mesh network using LoRa transceivers. This setup is ideal for developing communicators that don't rely on conventional infrastructure.

THE ECAR DISPATCH

Monthly meeting location
3359 Broadway
Cheektowaga N.Y. 14227

E-mail: ECARham@gmail.com

We are the voices in the ether.

Have you been to ECARham.org yet??

Erie County ARES/RACES AUXCOMM is a volunteer communications group of FCC Licensed Amateur radio operators who are highly trained, motivated and are organized to provide communications in support to the County of Erie Emergency Services and other NGO's during times of disasters or when a need for enhanced communications and experience arises.

Join us on our net on Sunday's at 19:00 on the ECAR radio network OR come out to our meeting and say hi, we meet the second Monday of every month except for August at Erie County's Cheektowaga EOC. 73...

The Western New York Emergency net is held Every Sunday at 19:00EST on 146.865/443.525Mhz Except for the 3rd Sunday which is on the 443.975Mhz Orchard Park repeater.

We're always looking for something for the newsletter!!!!

Do you have a story, any news or a project or review you would like to share with the group?

We are always looking for stories and information related to amateur radio and emergency communications to provide in the monthly newsletter that is put out to the membership to keep them informed.

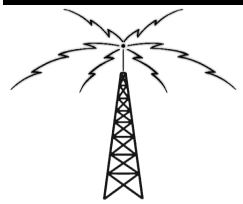
Please try and keep it to under 500 words and please include any links to resources pictures or other information you want to include with the story.

ECAR email reflector:

Do you need an invite to the ECAR email reflector????

Contact Ed W2GUT at his email for an invite.

ed.w2gut@gmail.com



Email your stories to:
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