

From the President:

by Chief Don Davids

Greetings to all MABAS Members,

It started out kind of dry in large parts of Illinois and recent storms have provided much needed rain to help the farmers and reduce the chances of field/wildfires. Unfortunately, they have Congressmen. We delivered inforalso caused some damage in parts of our state and I hope everyone has been able to recover safely

Our last MABAS executive board meeting on June 14th was held in Peoria with remote sites at the MRC and Mt Vernon. We had a majority of member divisions in attendance, and we had a productive meeting. We continued the discussion about the importance of completing the new MABAS agreement and rostering team members in CIMS. We also introduced some amendments to the MABAS bylaws for review and plan to vote on them in October. If your division needs assistance with any of

those topics, please reach out to your **Operations Section Chief or MABAS** staff.

In late May, 3 MABAS staff members and I had the opportunity to attend the Congressional Fire Service Institute I hope everyone's summer is going well. Symposium and National Fire and Emergency Services Dinner. It was a very informational visit and we partnered with members of the Illinois Fire Chiefs to visit some of our Senators and mation about the needs of the Illinois Fire Service and exchanged contact information. Please make sure your local politicians are aware of what your departments provide and ask them for their support.

> Please stay safe and keep up the good work of protecting your communities. The next MABAS Executive Board meeting is on October 25th at 13:00 Hrs.

Respectfully,

Don Davids

President, MABAS-IL

davids@mabas-il.org

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MABAS is looking for volunteers to help at Illinois State Fair August 14, 2023

Know the Difference Between Heat Stroke and Heat Exhaustion

Home > Health & Wellness

As temperatures rise during the summer months, so do visits to Beaumont emergency centers. However, with proper precautions, most heat illnesses can be prevented.

"The most important things you can do to reprevent heat illnesses are to stay hydrated mand limit your time in the sun," explains Dr. Sanford Vieder, chairman and medical director of the Emergency Trauma Center at Beaumont Hospital, Farmington Hills.

According to the American College of Emergency Physicians, each year about 400 deaths and thousands of emergency department visits are caused by heat illnesses. While infants and people 65 and older are most at risk for a heat related



illness, it can affect anyone, even exercise enthusiasts.

The early warning signs of heat exhaustion are nausea, light-headedness, fatigue, muscle cramping and dizziness. It is imperative to recognize the warning signs and act on them as soon as possible.

At the first sign of heat exhaustion, it is important to take the following steps to help get your temperature down and cool your body:

- Move to an air-conditioned place.
- Take a cold shower or using cold compresses.
- Drink plenty of fluids.

Remove tight or extra clothing layers.

Unlike heat exhaustion, a heat stroke requires immediate medical attention.

Someone experiencing heat stroke may have a headache, confusion, no sweating, rapid heart rate, nausea or vomiting and may lose consciousness.

If a heat stroke is suspected, it is vital to take the following steps:

- Call 911 immediately.
- Move the person to a cooler place.
- Use cold compresses to get their tem-

perature down.

Do not give them fluids.

"Left untreated, heat exhaustion and heat stroke can lead to death. If an individual is confused, passes out, is hot, but not sweating, call 911. This is a medical emergency," says Dr. Vieder.

Protect yourself and others by downloading Know the Difference between Heat Exhaustion and Heat Stroke and be prepared for the summer heat!

https://www.beaumont.org/health-wellness/blogs/know-the-difference-between-heat-stroke-heat-

ex-

Know the Difference Between Heat Exhaustion and Heat Stroke



Heat exhaustion

Symptoms

- headache
- dizzy or fainting
- heavy sweating
- · cold, pale and clammy skin
- nausea or vomiting
- fast, weak pulse
- · weakness or muscle cramps
- excessive thirst

What to do

- · Hydrate with water or sports drinks. No alcohol.
- Move to a cooler, air-conditioned place.
- · Lie down.
- If fully conscious, sip water.
- · Take a cool shower or use cold compresses.
- If vomiting continues, seek medical attention.
- Act quickly. Untreated heat exhaustion can progress to heat stroke.
- · Remove tight fitting clothing or extra layers.



Heat stroke - a medical emergency

Symptoms

- headache
- · confusion or delirium
- may lose consciousness
- · no sweating/dry skin
- hot, red skin
- · nausea or vomiting
- rapid heart rate
- body temperature above 104° F

What to do

- · Call 911. This is a medical emergency.
- · Move the person to a cooler place.
- · Use cold compresses to reduce body temperature.
- Do not give fluids.

Beaumont



A Message from MABAS-Illinois

By: Chief Glenn Ericksen

ment ID number and is a member of a MABAS Division but is also affiliated with Individual MABAS divisions may establish another MABAS Division.

Individual exceptions to the above may exist due to special circumstances and can, or have been, approved by the Leadership Board.

A non-governmental organization or corporation is an entity that provides emergency response functions or services to a local MABAS division as defined in the Although we are over 6-months away new MABAS Agreement.



"Primary Member" is a fire agency recog- If a non-governmental organization or ization or corporation must comply with all provisions of the MABAS Agreement

such as insurance coverage and liability indemnification.

their own membership requirements such as dues for non-governmental or corporations who have signed the MABAS Agreement as defined in MABAS Policy #A-04-05 Dues Section 4 (4.01).

At this time, only Primary Members of a MABAS division shall pay annual dues to MABAS-Illinois.

from the 2024 MABAS Command & Dispatch Summit next February in Bloomington-Normal we will begin early planning in a few weeks. Our major focus is to develop a timely and informative program that the entire organization will find useful and beneficial. In order to do this, we would like to encourage individual divisions or departments to consider making a presentation at the Summit. If you have had a challenging emergency, or have developed a best practice to solve a difficult issue we would like to hear about it. If you are interested, please contact Dave Fleege at fleege@mabas-il.org.

Thank you for your support of MABAS and be safe.

I hope everyone is enjoying the summer vacation season. The staff here at MABAS are tracking the submittal progress of the new MABAS Master Agreements. At this point we have received signed documents from close to 50% of the MABAS members. A number of questions have been fielded by MABAS regarding the ability of non-governmental organizations or corporations to sign the new MABAS Agreement. We would like to offer these guidelines to assist MABAS divisions as we navigate this new process. Remember, all previous MABAS Agreements expire January 1, 2024 so it is vital that departments approved and submit their signed documents as soon as possible.

nized by the State with a Fire Department corporation signs the new MABAS Agree-ID number and is a member of a MABAS ment to join a MABAS division, that organ-Division.

"Associate Member" is a fire agency recognized by the State with a Fire Depart



CALL FOR SPEAKERS-2024 MABAS TRAINING SUMMIT

The fire service as we know it is changing and fire professionals need to be equipped to change right along with it. With technology disruptions and shifts across the human capital landscape, it is more important than ever for fire professionals to come together to share their expertise and knowledge.

MABAS's annual Training Summit is set for February 19-23, 2024 in Bloomington/Normal, Illinois and we are looking for Fire Service leaders to apply to be speakers at MABAS Training Summit 2024.

MABAS is the mutual aid model used by the rest of the nation. As the premier mutual aid organization, it is our responsibility to remain on the cutting edge in our areas of public safety expertise in an ever-changing technological and human capital landscape.

The proposal deadline is August 1, 2023.

Examples of previous presentations include: Bartlett Warehouse Fire, Grand Bear Lodge Fire, Lithium Battery Fire, Edwardsville Tornado Response, Highland Park Shooting Emergency.

In your proposal include:

- Personal contact information name, phone, email.
- Title of presentation.
- Overview of presentation.
- Estimated length of presentation. (60 minutes or 75 minutes Longer or shorter If needed)

The ideal MABAS 2024 speaker is:

Experienced, engaging, and comfortable speaking in front of large groups
Passionate about sharing expertise and primary research. Willing to partner to deliver the best possible content experience and relevance for our audience.

Available to attend the entire event and engage with attendees.

Committed to sharing MABAS with their your social networks.

Sound like you or someone you know? If so, get started on your proposal today. Proposals should be submitted to fleege@mabas-il.org, not later than August 1, 2023.

If you have questions, please contact Dave Fleege at fleege@mabas-il.org or 630-200-2977.

MABAS NEEDS HELP TEACHING FIRE SAFETY TIPS AT ILLINOIS STATE FAIR

Each year various Fire Service organizations staff the Illinois Fire Services Association tent at the Illinois State Fair in Springfield. Hundreds of volunteers provide fire public education to fair-goers throughout the fair. MABAS typically staffs the tent

on the first Monday of the fair. The from 10am to 5pm. There are numer-for people of all ages to learn about kitchen and stove safety, smoke alarm drop and roll mat, a fire safety simula-osk, a puppet show, tours of the Illipopcorn.

Numerous volunteers are needed to tent. Make an impact and enjoy the State Fair. Please join us in our mission



date for this year is August 14th ous stations in the tent for people fire safety. There is a trivia wheel, safety, ask a firefighter, a stop, tor, a fire pole, a safety game kinois Fire Museum and FREE

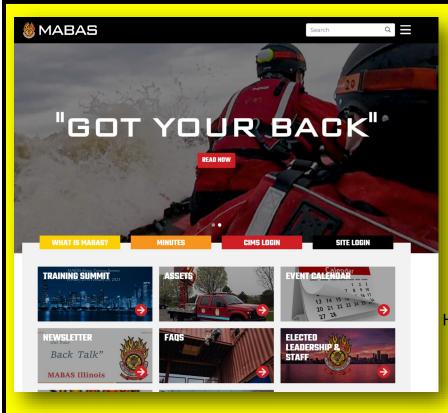
staff the various stations in the sights and sounds of the Illinois to promote and coordinate the

activities and programs of all Illinois Fire Service organizations for fire and life safety. We have 3 shifts setup for the day and you only need to work one shift so that you can explore the fairgrounds the rest of the day. You will receive a free MABAS t-shirt, a parking pass and a gate pass.

If you are interested in volunteering and supporting fire safety education at the State Fair on 8/14, please register on the MABAS website at: https://www.mabas-il.org/calendar/mabas-day-illinois-state-fair/

If you have any questions please contact Operations Branch Chief Mike Forrest at forrest@mabas-il.org

Click here to volunteer and help!



VISIT OUR WEB SITE

www.mabas-il.org

Hey, while you're visiting, register to volunteer at the State Fair!!

ILTF-1 K-9 TRAINING





Spring/Summer of 2023 has already been very busy for the IL-TF1 K9 team with weekly K9 training, monthly team training, and an Operational Readiness Exercise at the Illinois Fire Service Institute in Champaign, Illinois. Our training really starts to ramp up with the onset of nicer weather and it gives the teams the ability to get onto the rubble piles more frequently. As mentioned before, the team has recently welcomed on several new puppies, which take an immense about of time and dedication to get them trained up not only for search and rescue work, but to be good companions in the home and around the firehouse.

We are also in preparation for 3 teams to start their initial certification process this fall, the Type II Foundational Skills Assessment. The FSA includes not only a rubble search for 2 victims, but directional control, several obedience exercises, agility, and a bark indication test. It is a very demanding test, which takes much preparation both at weekly and monthly training, and on their own.

The Operational Readiness Exercise was a successful event for both the Task Force, and specifically for the K9 teams. It was great exposure to a place and rubble pile that they have not seen or been before. By exposing the dogs to as many rubble pictures as possible gives them more confidence for real world deployments. The teams not only preformed K9 search responsibilities, but the handlers were able to rotate in with Rescue Squads to breach, shore, and remove victims while their K9 partners were rehabbing.

The team is looking forward to the rest of summer's grueling training schedule and to rubble pile rehab in preparation for the Type I certification testing we are hosting in October with the Search Dog Foundation.

For information about IL-TF1 Canine program and resources contact US&R Operations Branch Chief Pat Hardin at 224-935-2728 or hardin@mabas-il.org

ILLINOIS TASK FORCE 1

By: Chief Hardin

June 13 – 16, 2023 Illinois Task Force 1 completed an 80-hour Operational Readiness Exercise at the IFSI campus. The exercise evaluated five modules, Mobilization, Transportation of Personnel & Cache, establishing a Base of Operations (BoO), Onsite Operations, and Demobilization. During the Operation cycle, all layers in the team were utilized. Live Find K9 handlers and certified dogs started the Search component finding live victims, Haz Mat group cleared the way securing the scene from hazards. Rescue group with the support from Medical, stabilized and extricated all the victims. COMMS group kept everyone communicating with the radio cache & satellite phones. Logistics Managers kept everything running by meeting all equipment, power, food and and shelter needs.



Finding another victim



Just in Time Training with SARCOP



Quiet night at the Base of Operation



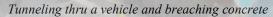
Morning Operational Brief

Plans, Search, and Task Force Leaders worked with SARCOP to review the areas searched on day 1 to provide a plan for search during day 2. The use of SARCOP provided a better review of the unsearched zones and areas that needed better attention on day 2.

ILLINOIS TASK FORCE 1

By: Chief Hardin







TFL & Rescue Managers making assignments

Wide Area Search

All four Squads were tasked with conducting a Wide Area Search with known victims missing and trapped. Each Squad assessed a large geographical area using Quick Capture. Once the area was completed, all information and data were seen on Search and Rescue Common Operating Platform (SARCOP) Sandbox for all to view.



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MABAS Trivia

What does the acronym MRC mean?

- A. MABAS Real Cares
- **B. MABAS Readiness Center**
- C. Meals Relaxation Center
- **D. Mutual Respect Camaraderie**

Correct answer for April's trivia C.

Answer will be in October Newsletter

Fun Fact



German Chocolate Cake is named after an American baker by the name of Samuel German. It has no affiliation with the country of Germany.

https://www.thefactsite.com/1000-interestingfacts/

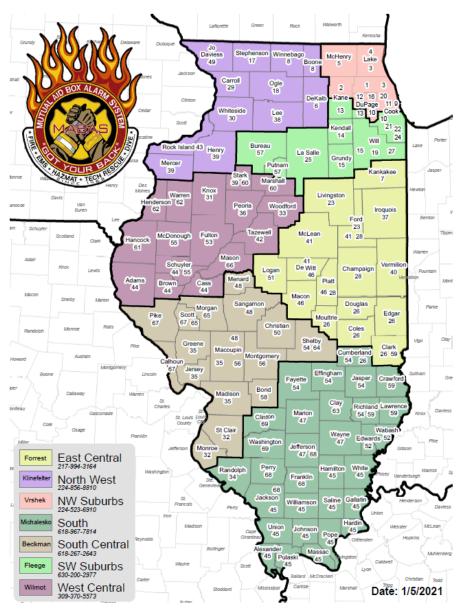
Fun Fact

For More Information

MABAS, Illinois 847-403-0500



MABAS Division Map With Branch Chiefs



Questions/Comments

If your Department or Division has responded to a call or had a big event and you would like MABAS to add it to this newsletter, please feel free to email or call us. We look forward to any and all suggestions or comments.

Email—<u>Littlefield@mabas-il.orq</u> Phone—847-403-0511

Rad-57 Pulse CO-0ximeter

Featuring Masimo SET* Measure-through Motion and Low Perfusion*
Pulse Oximetry with Upgradeable rainbow SET* Technology



Features

- Continuous monitoring in a portable, handheld device
- Quick and easy to use
- Rugged and lightweight, ideal for field or hospital settings
- Low Signal I.Q.* (SIQ) indicator identifies conditions of low measurement confidence
- Up to 72 hours of trending memory



Sensor and Cable Options

- Rad-57 can be used with the following:
 - · rainbow* sensors and cables
 - · Red reusable sensors
 - RD, LNCS®, and M-LNCS™ adhesive sensors
- rainbow* sensors must be used when measuring SpHb, SpCO, SpMet, and SpOC





> 1 ft - PN 2405 > 4 ft - PN 2406



rainbow* DCI* Adult Sensor

> PN 2696



rainbow® DCI-P Pediatric Sensor

Kits and Accessories

- Protection+ for Rad-57
 - Covers entire cost of repair or replacement, beyond the one-year parts and labor warranty
 - · Available in 1, 2, 3, 4, and 5 year plans
- Rad-57 is available in a variety of configurations and kits, including:

Rad-57 Part Numbers		
Description	PN	
Rad-57 SpO2 Only - Option for Upgradeable rainbow® Parameters	9216-U	
Rad-57 Kit with SpCO Option, Adult rainbow® Sensor, RC-01 Cable, and Red Carry Case	3734	
Rad-57 Kit with SpCO Option, Adult and Pediatric rainbow® Sensors, RC-01 Cable, and Red Carry Case	3735	
Rad-57 with SpCO and SpMet Options, Adult rainbow® Sensor, RC-01 Cable, and Red Carry Case	3736	
Rad-57 Kit with SpMet Option, Adult and Pediatric rainbow [®] Sensors, RC-01 Cable, and Red Carry Case	3737	



Rad-57 with EMS Carrying Case > PN 2208

Rad-57 Specifications

Dxygen Saturation (%SpO2) Accuracy Range	70-100%
No Motion Adults/Pediatrics/Infants	
Motion Adults/Pediatrics/Infants/Neonates	
Low Perfusion Adults/Pediatrics/Infants/Neonates	
Pulse Rate (PR) Accuracy Range	25-240 bpm
No Motion Adults/Pediatrics/Infants/Neonates	3 bpm
Motion Adults/Pediatrics/Infants/Neonates	5 bpm
Low Perfusion Adults/Pediatrics/Infants/Neonates	3 bpm
Total Hemoglobin (SpHb) Accuracy Range	8-17 g/dl
Adults/Pediatrics.	1 g/dl
Carboxyhemoglobin (%SpCO) Accuracy Range	1-40%
Adults/Pediatrics/Infants	
Methemoglobin (%SpMet) Accuracy Range	1-15%
Adults/Pediatrics/Infants/Neonates	

PHYSICAL CHARACTERISTICS	
Dimensions	
BATTERIES	
TypeCapacity	
ENVIRONMENTAL	
Operating Temperature Atmospheric Pressure	0-129°F (-18-54°C) 500-1,060 mbar
COMPLIANCE	
EMC Compliance Equipment Classification. Type of Protection Into Degree of Protection Mode of Operation	ernally Powered (Battery Powered)Type BF-Applied part

¹ Ag_{MS} Accuracy is calculated based upon measurement values that are statistically distributed; approximately 68% of the measured values fell within ± the Ag_{MS} value when compared to the reference device in a controlled study. ² This represents approximate run time at lowest indicator brightness, using new, fully charged batteries.

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, and precautions.



SpHb, SpCO, and SpMet monitoring with Rad-57 is not intended to replace laboratory blood testing. Blood samples should be analyzed by laboratory instruments prior to clinical decision making.



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https://www.ifsa.org/golf-classic-sponsorships/

MABAS COMMUNICATIONS SEMINAR UPDATES

By Mark Sikorski



On May 1st, The MABAS Communications Committee held another regional Communications Seminar at the Effingham Events Center. We had the honor of having the newly appointed State Fire Marshal, James Rivera join us, and the session was very well attended. Despite windy conditions, the outside Asset and Apparatus display, though brief, went off without a hitch. A special thanks to Tri-Power Towing for sponsoring our lunch and displaying some of their equipment.

Our next Seminar will be held in Dixon on August 18th.

MABAS COMMUNICATIONS SEMINAR UPDATES

By Mark Sikorski



June 7th, the Committee conducted another session in O'Fallon, primarily attended by Fire Service personnel. The seminar had a special presentation on CIMS 3.0 and a large outside display thanks to the local divisions participating, and giving full walkthroughs of all equipment. We would like to thank Chief Brad White and the O'Fallon Fire Department for hosting, and a Special Thanks to Petroff Towing for sponsoring the luncheon.

Our next Seminar will be held in Dixon on August 18th.





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ILWR-1 READINESS EXERCISE

By: Bryan Zirzow

On April 26th to the 29th the Illinois Water Rescue 1 (IL-WR1) conducted a large operational readiness exercise along with multiple local and law enforcement agencies. IL-WR1 is a NIMS compliant Swiftwater Search and Rescue Team based out the MABAS MRC. In this simulated disaster scenario, members from MABAS-IL along with local rescue personnel from various departments and agencies all participated. The exercise, which took place in the town of Oglesby on the Illinois and Vermilion river was selected to test the readiness and response capabilities of the team in the event of a large-scale disaster.



The exercise was organized and facilitated by over 30 members, which worked in collaboration with the local authorities from near-by Oglesby Fire and Rescue, MABAS-IL, the Illinois Department of Natural Resources, Cook County Sheriffs Police, and other agencies. The teams were tasked with responding to a mock disaster, which involved a simulated town and nearby infrastructure being affected.

The exercise involved a range of rescue techniques, including swift water rescue, surface water rescue, emergency medical scenarios, land-based searches, and law enforcement challenges just to list a few. The team was also tasked with building a communications platform that would allow congruent communications between local, county and state agencies to ensure that the rescue efforts were efficient and

effective.

Search operations utilizing the Search and Rescue Common Operating Platform (SARCOP). SARCOP collects and shares field data and uploads real-time information to be used at the command post

and can be digitally sent to any location with internet connectivity. The underlying technology uses ArcGIS integrated techniques that work with Apple, Android and Windows



platforms. The ArcGIS mapping will show waypoints and any related data and photos collected, tracklogs, and search segments. The interoperability of SARCOP has been shown to be extremely beneficial and is currently in use by all 28 FEMA US&R teams along with multiple State US&R teams.

Throughout the three days of the exercise, the teams faced various challenges, including adverse weather conditions, complex search and rescue operations, and communication breakdowns to list a few. However, they were able to overcome these obstacles by using their training, experience, and teamwork skills.

"The exercise was a great opportunity for



us to test our skills and improve our response capabilities," said Training Manager Ken Schulman, who led the exercise.
"We learned a lot from the experience, and we are now better equipped to respond to complex disasters that we may be called to."

The exercise was also an opportunity for the participating agencies to showcase their capabilities and to strengthen our partnerships. "Collaboration and cooperation are key to effective emergency response," said Sam Foster IL-WR1 Task Force Leader. "This exercise allowed us to work together to continue to build the necessary relationships that are so pivotal during these unfortunate disasters." Sam



went on to say, "The three-day exercise was overall deemed a success, however continually testing our weaknesses allows us to build a better team and grow. I am always amazed at how our team responds to challenges, and I am impressed on how far we have progressed in the last eight years."

STATE OF ILLINOIS PRELIMINARY EXPOSURE REDUCTION PROJECT









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MABAS Foundation Partners



Each month on 'Inside Darley' Paul Darley highlights industry trends, new products, best practices, thought leadership and more. The videos typically last about 4 minutes and are supplemented with insightful articles and resources. We invite the MABAS community to watch our October series here and if you want even more content, we hope you'll subscribe.

The latest video can be found here https://darley.com/about/entry/inside-darley-october-2020

People can sign up for newsletters here: https://darley.com/about/newsletter-signup



Founded in 1990, Air One Equipment, Inc. is a family owned and operated full-line fire and safety equipment distributor. Our sales and service staff work out of a modern 8,000 square foot facility located in South Elgin, Illinois. Our second location is operated out of a 3,500 square foot facility in Menomonee Falls, WI. In both locations, we have a warehouse full of best in class products available for our first responders.

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