



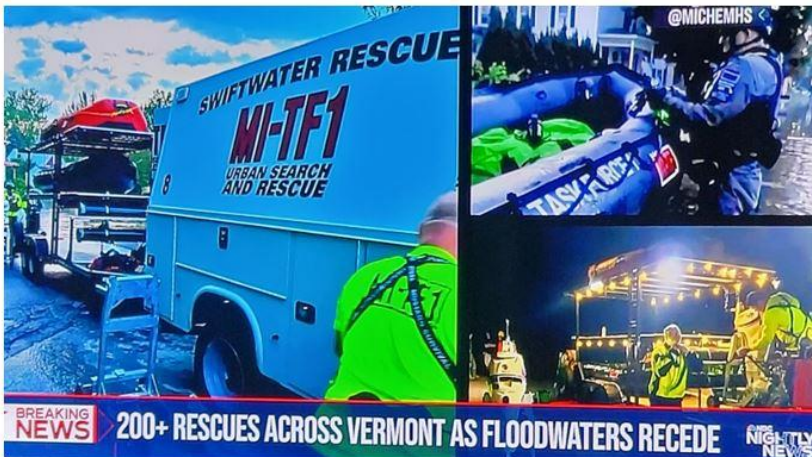
MICHIGAN MABAS

MUTUAL AID BOX ALARM SYSTEM

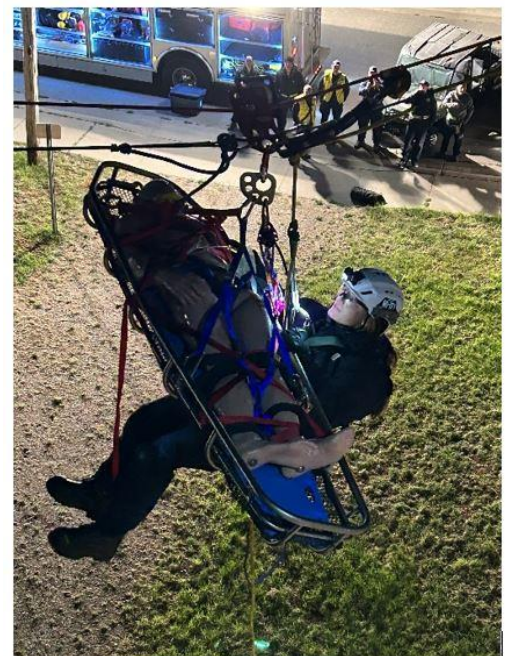
Michigan Task Force 1

ANNUAL REPORT

FY-2023



MI-TF1 deployed a Type 3 Swiftwater/Floodwater Rescue Team to the State of Vermont during the devastating floods in that region earlier this year.



Team personnel perform a victim transfer with a highline during night ops training at Camp Grayling in May.

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FISCAL YEAR 2023 QUICK FACTS

- MI-MABAS/ MI-TF1 coordinates response of fire-based resources and logistical support to assist with extinguishing the Menominee Paper Mill fire. MI-MABAS assisted the Menominee Fire Department with coordinating the response of Fire-based resources needed to relieve existing fire companies. Fire Task Forces were stood up and rotated through the incident. MI-MABAS coordinated the response of more than 40 fire and support personnel, along with 10 pieces of fire apparatus, before the fire was finally extinguished. The team additionally provided critical logistical resources for the multi-jurisdictional incident, including MPSCS 800 MHz radios, generators, tents, lighting, tables/chairs, and heaters.
- Response to the Active Shooter and Mass Casualty incident at Michigan State University. MI-MABAS/MI-TF1 leadership coordinated the response of six Ambulance Strike Teams (each Strike Team has 5 ambulances and one Command Officer) and two Tactical EMS crews to the East Lansing area, along with support personnel to establish and control a safe staging area in close proximity to the MSU Campus. MI-MABAS/MI-TF1 personnel coordinated the staging area, tracked and briefed incoming personnel, and utilized assigned communication channels to immediately dispatch further ambulances at the discretion of the Incident Commander.
- MI-TF1 Structural Engineers respond to assist the City of Dundee after a tornado strike in the downtown corridor. MI-TF1 team deployed a Structural Specialist Mission Ready Package (MRP) to assist the Fire Department and local building officials in reviewing the damaged structures. MI-TF1's Structural Engineers responded and quickly performed structural triage on all affected buildings, and recommended certain safety actions based on type/severity of damage. MI-MABAS also deployed a UAS MRP to assist with aerial reconnaissance and intel gathering for command and the structural engineer.
- MI-TF1 resources respond to a building explosion in the City of Mount Morris. MI-TF1 leadership deployed a Search Mission MRP, consisting of canine and technical search components, along with a Structural Engineer, Safety Officer, and Team Leader. Arriving Task Force resources quickly went to work performing rapid structural triage and hazard assessment.
- MI-TF1 deploys a Swiftwater Rescue Team to the catastrophic floods in Vermont. MI-TF1 deployed a Type 3 Swiftwater Rescue Team. The Swiftwater Type 3 team worked directly with assists and evacuations in the state capital city of Montpelier. During the mission our personnel assisted local fire departments with additional evacuations and rescues, along with performing wellness checks on area residents and infrastructure damage assessment during wide area recon assignments.

- Operation Gallant Response '23 – Camp Grayling, Michigan National Guard. MI-TF1 exercised 121 personnel during its annual Operational Readiness Exercise at Camp Grayling's Combined Arms Collective Training Facility (CACTF), May 15-18. The three-day exercise focused on the member check-in process, mobilization, convoy travel, Base of Operations (BoO) set up, and ultimately focusing on extended Search and Rescue operations. Comprehensive, realistic, and challenging scenarios laid out across the training grounds provided an environment that would test the skills of our members and place them in stressful situations where they would have to solve real-world rescue problems in a small squad format.
- Continued Fire-Based Special Operations validations focused on enhancing a statewide response network for Hazardous Materials and Technical Rescue Teams. MI-TF1/MI-MABAS continues to focus on its Scope of Work by enhancing a statewide response network of Special Operations capabilities by providing quantitative validations that focus on specific administrative and operational readiness elements. These validations assist as a benchmark for delivering an identified response capability needed by an IC in mitigating an incident involving the need for technical rescue, hazardous materials management, or UAS resources.

INTRODUCTION

Michigan Task Force 1 (MI-TF1) is Michigan’s only Urban Search and Rescue (USAR) resource capable of responding to any community that is overwhelmed by an emergency. MI-TF1’s capability consists of the most highly trained emergency service personnel capable of self-sustaining response to All-Hazard missions for up to 10 days. MI-TF1 has 168 members from across the state who volunteer or are sponsored by one of 48 fire departments/public safety agencies. The team continues to increase the number of personnel and sponsoring agencies that are participating in our mission which is a positive testimony since most fire-based response organizations continue to see a decrease in participation. We are proud to partnership with the following agencies:

Addison Twp	Grand Rapids	Redford Twp
Ann Arbor Twp	Grand Traverse County Metro	Emergent Health
Auburn Hills	Green Oak Twp	Rochester
Battle Creek	Hartland Area FD	Rochester Hills
Berkley	Holly	Roseville
Bloomfield Twp	Howell Area FD	Royal Oak
Brighton Area FD	Independence Twp	Shelby Twp
Canton Twp	Kalamazoo DPS	Southfield
Chelsea Fire Authority	Lansing	Springfield Twp
Chesterfield Twp	Livonia	St. Clair Shores
Clinton Township	Midland	Sterling Heights
Clio	Montrose Twp	Summit Township
Commerce Twp	Muskegon Heights	Taylor
Dearborn	North Oakland County	Walker
Dearborn Heights	North Ottawa EMS	Warren
Delhi Twp	Northfield Twp	Washington Twp
Detroit	Oakland Twp	Waterford Twp
Dexter Area FD	Oakland Univ Police	West Bloomfield
East Lansing	Orion Twp	Westland
Gibraltar	Otsego County EMS	Traverse City

Over \$15.4 million has been invested in developing the USAR capabilities since the creation of MI-TF1 in 2009 from Homeland Security Grant Funding, and now State of Michigan Appropriations. These capabilities are used daily at the regional, county, and local level through services provided by our local partners.

EXECUTIVE SUMMARY

MI-MABAS has made tremendous progress enhancing the Urban Search and Rescue (USAR) capabilities across the State of Michigan through planning, training, exercising, and equipment purchases through MI-TF1 benefitting local and regional response teams to create the long-term goal of a tiered statewide response network. The goal now is to sustain and further grow a robust system of statewide and local capabilities prepared to respond to large-scale events anywhere in the State of Michigan.

The trend of catastrophic and complex incidents has continued to increase with MI-MABAS and MI-TF1 continues to provide assistance and guidance to local fire departments across the State of Michigan. We provided direct assistance or helped organize assets to the major warehouse fire in Menominee, the EF-0 tornado in Dundee, the building explosion in downtown Mt. Morris, the tragic Mass Shooting on the MSU campus and the flash flooding in the State of Vermont. The MI-MABAS has also been utilized to organize, deploy and provide assistance for hundreds of fire and special operations multiple alarm incidents handled at the local level.

MI-MABAS and MI-TF1 have made these responses successful through education of our over 700 local fire departments on the importance of organizing their local capabilities into divisional capabilities that can be deployed and led by a team leader from their area. Regional Response Coordinators have a thorough understanding of the assets in their region and how they fit into Michigan's statewide mutual aid framework. Deployment Coordinators who are members of the MI-MABAS Leadership Group are responsible for the assets that will respond through the Regional Emergency Dispatch (RED) Center.

MI-MABAS and MI-TF1 continue their partnership with the Michigan State Police Emergency Management and Homeland Security Division (MSP-EMHSD) that has resulted in MI-MABAS being designated a seat in the State of Michigan Emergency Operations Center (SEOC). MI-MABAS directly supports the Emergency Support Function (ESF) – 4 Firefighting and ESF-9 Search and Rescue desks to monitor, organize and deploy resources in coordination with the other state agencies and the SEOC Command Staff.

MI-MABAS and MI-TF1, has sponsored 13 members to participate with the statewide All-Hazard Incident Management Team (AHIMT) as the AHIMT Certifying Entity (ACE). These members are working to meet the training prerequisites and task books so they can assist the Incident Commander during events that require high-level coordination and planning for response resources and personnel working over multiple operational periods.

MI-MABAS continues to develop inter-divisional fire resource box cards and has validated additional Special Operations resources in Grand Traverse/Otsego County and Midland/Saginaw/Bay City area teams to compliment the resources already validated in Wayne, Oakland, Macomb, and Washtenaw Counties, along with the cities of Grand Rapids,

Battle Creek, Midland/Saginaw/Bay City. These resources continue to meet and train together which enhances our capabilities across the state.

MI-MABAS and MI-TF1 continued to increase the equipment cache available for responses across the state by adding two Incident Logistical Support (ILS) trailers that are pre-staged in Holly and Gaylord, fifty-five dual band radios with VHF and 800 Mhz capabilities, two Unmanned Aircraft System or Drones to complement local resources and cataloging the specialized or unique local equipment that is available to deploy across the state.

These added resources and increased coordination across the state are extremely important to meet the needs of most local fire departments that are faced with static or shrinking budgets while also dealing with member recruitment and retention challenges, during a time when demands for service continue to increase, as does the complexity of the incidents. This has been the greatest accomplishment of FY23.

MI-TF1 continues to maintain its Type III FEMA Urban Search and Rescue (USAR) and Type 1 Swiftwater/Floodwater credentialing by expanding our membership and participating agencies from across the state. These new members have brought diverse and valuable talents to MI-TF1 while we continue to increase our capabilities in all disciplines. Our mission profile has also expanded with our recent addition of our Forward Command Unit (FCU). This will allow our command staff to not only work while moving down the road but will allow our personnel to move geographically around a large-scale event to be closer to the site of operations. In addition, our command staff will now operate more efficiently in a much smaller footprint.

MI-TF1 also continues to expand and make available single resource capabilities that can assist a local Incident Commander in meeting the needs of their incident. These smaller Mission Ready Packages are requested through the MI-MABAS Red Center (MABAS state communications center).

MI-TF1 FY23 MAJOR ACCOMPLISHMENTS

MI-TF1/MI-MABAS Coordinates Response of Fire-Based Resources and Logistical Support to Assist with Extinguishing the Menominee Paper Mill Fire

During the late evening hours of October 6, 2022, the City of Menominee Fire Department responded to one of the largest fires in its history at the Resolute Forest Products paper mill. This fire quickly overwhelmed the city's resources, with initial support coming from neighboring WI-MABAS and other counties across the western Upper Peninsula. This enormous and stubborn fire was fueled by large, stored inventories of wood pulp products (coupled with a collapse of most of the structure), creating challenges in extinguishing the fire.

MI-MABAS assisted the Menominee Fire Department with coordinating the response of Fire-based resources needed to relieve existing fire companies, exhausted after more than 72 hours of operation. Fire Task Forces were stood up and rotated through the incident, with Engine and Ladder companies responding from as far as the City of Dearborn, for the next 10 days. MI-MABAS coordinated the response of more than 40 fire and support personnel, along with 10 pieces of fire apparatus, before the fire was finally extinguished.

MI-TF1 further assisted by providing mission critical logistical resources for the multi-jurisdictional incident, which supported command and control, interoperability, and personnel rehab. Those logistical resources included MPSCS 800 MHz radios, generators, tents, lighting, tables/chairs, and heaters. MI-TF1 also provided maintenance support, making field repairs to fire apparatus operating around the clock and in adverse weather conditions to control the fire.



MABAS Division personnel and fire apparatus from around the state fought the Menominee Paper Mill fire, stressing the importance of having statewide system to communicate and coordinate Fire-Based Mutual Aid.

MI-TF1/MI-MABAS Coordinates Additional Fire Response Resources to One of Michigan's Largest Grain Silo Fires on Record

On the evening of December 18, local firefighters responded to the report of a grain silo fire at Anderson Inc., a grain processing and storage facility located in an unincorporated area of Richland Twp, nestled in Saginaw County. This silo was reported to have more than 3 million bushels of grain and in an area with no fire hydrants to supply the water needed to battle the blaze. This fire quickly grew into a conflagration resulting in the response of initially more than 150 firefighters, from 29 different departments.

It was recognized early on that the incident would require a longer sustained firefighting operation, consisting of Fire Tanker Strike Teams, to shuttle water and provide a sustained fire flow for continued fire suppression operations. The initial on-scene Incident Commander contacted the MI-MABAS Red Center for additional support, knowing he had depleted all available fire resources within the county and surrounding jurisdictions. MI-MABAS coordinated the response of six (6) Engines and 14 Water Tankers, staffed by more than 50 firefighters, to relieve the exhausted on-scene personnel and work through additional operational periods bringing the blaze under control.



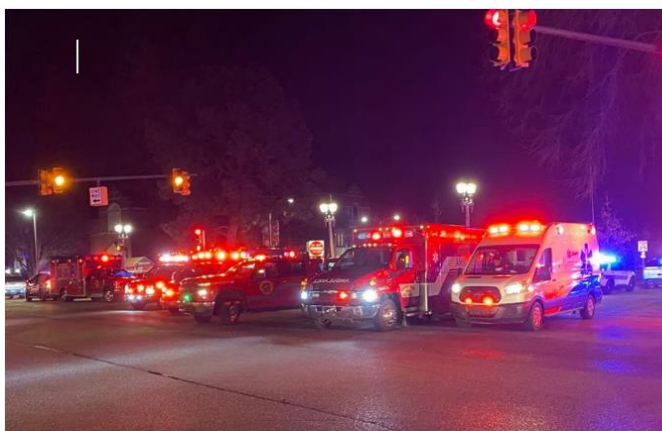
The MI-MABAS Red Center and MI-MABAS Activation Group coordinated the response of 20 fire apparatus, manned with 52 personnel, to assist with the Hemlock grain silo fire in Saginaw County



Response to the Active Shooter and Mass Casualty Incident on February 13th at Michigan State University

During the early evening hours of a quiet Monday on the campus of MSU, a horrific Active Shooter event began to unfold. A massive response of Law Enforcement, Fire, and EMS was needed as the assailant was still eluding police officers after targeting two different buildings on campus, killing three (3) students and critically injuring five (5) more within minutes.

The on-scene fire Incident Commander contacted the MI-MABAS Red Center for additional EMS resources, as the shooter was still loose within the community. MI-MABAS/MI-TF1 leadership quickly went to work coordinating the response of an additional four Ambulance Strike Teams (each Strike Team has 5 ambulances and one Command Officer) to the East Lansing area, along with support personnel to establish and control a safe staging area in close proximity to the MSU Campus. MI-MABAS/MI-TF1 personnel coordinated the staging area, tracked and briefed incoming personnel, and utilized assigned communication channels to immediately dispatch further ambulances at the discretion of the Incident Commander. This unique and tragic incident proved to be challenging based on the suspect being on the loose, not knowing when or what location might be his next target. Thankfully, none of the 20 responding ambulances were needed and no additional victims emerged after law enforcement intercepted the suspect before he could inflict any more harm.



On Monday, February 13, panic and tragedy unfolded Michigan State University as a gunmen entered buildings on campus and opened fire indiscriminately, killing three students and injuring five more. In the ensuing 60 minutes, first responders swarmed the area by the hundreds to quickly treat the victims and neutralize the suspect. The picture above shows additional Ambulance Strike Teams on standby in nearby staging areas as law enforcement hurriedly search for the suspect before he can inflict any additional casualties.

MI-TF1 Structural Engineers Respond to Assist the City of Dundee after a Tornado Strike in the Downtown Corridor.

A fast-moving storm cell spun up an F0 tornado (with winds reported >70mph) on April 1, which tracked down Main Street in the quaint downtown district of the City of Dundee. Although thankfully no injuries were reported to civilians, several downtown businesses sustained varying levels of structural damage due to the storm. These businesses were mostly 2-story mixed occupancy buildings built in the historical or industrial era, running the length of the block in the center of town.

Once all individuals were accounted for, the Incident Commander began to work with the utility company in ensuring any hazardous energy was isolated and mitigated before determining the extent of structural damage each had sustained. Before local business owners and employees were allowed to enter back the affected buildings, further damage evaluations needed to be performed regarding the integrity and safety of those identified. Recognizing the local community did not have a licensed engineer available, the Incident Commander notified the MI-MABAS Red Center and requested assistance from MI-TF1. Team leadership quickly deployed a Structural Specialist MRP to assist the Fire Department and local building officials in reviewing the damaged structures. MI-TF1's Structural Engineers responded and quickly performed structural triage on all affected buildings, reviewed the assessment with local authorities, reviewed all utilities, and recommended certain safety actions based on type/severity of damage. MI-MABAS also deployed a UAS MRP to assist with aerial reconnaissance and Intel gathering for command and the structural engineer. Combined, these resources assisted the Incident Commander and local building officials with the right information to make further decisions for the safety of both business owners and residents alike.



The downtown district of Dundee suffered a direct hit from a twister, later classified by the NWS as a F0 tornado. MI-TF1 Structural Engineers assisted local authorities with building assessments as they determined the safety of each damaged building. This is the second time in a 13-year period this community has experienced a tornado strike.

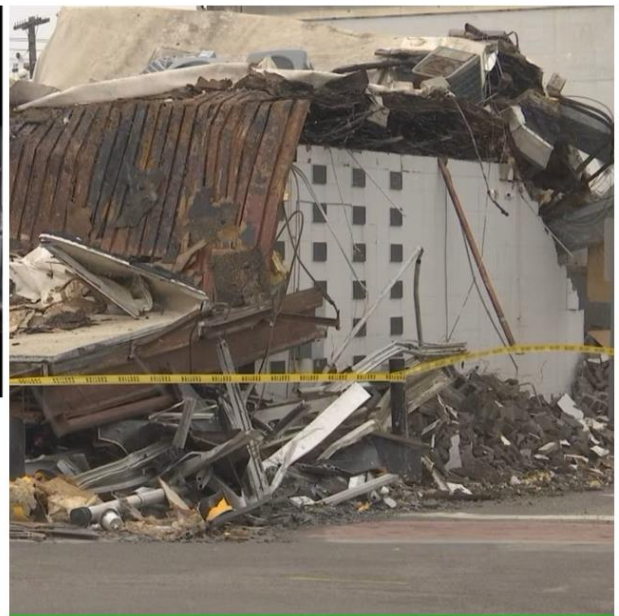
MI-TF1 Resources Respond to a Building Explosion in the City of Mount Morris

On the evening of April 15 at approximately 11:10 pm, a building in the downtown area of Mount Morris exploded. The explosion severely damaged the stand-alone structure, collapsing most of the second floor with significant sections of the roof and exterior black walls collapsed into the street side of the structure. Local fire resources arrived on scene and quickly went to work securing utilities and performing an exterior hazzard search looking for any potential victims that might have been in the business at the time of the explosion.

The Incident Commander contacted the MI-MABAS Red Center and requested additional resources to assist with performing a more thorough search of the damaged and unstable structure. MI-TF1 leadership deployed a Search Mission MRP, consisting of canine and technical search components, along with a Structural Engineer, Safety Officer, and Team Leader. Arriving Task Force resources quickly went to work performing rapid structural triage and hazard assessment. After initial Intel gathering, personnel performed a hazzard and primary search within the void areas created in the initial collapse. Once completed, it was determined that thankfully there were no victims within the collapsed structure.



A building explosion rocked the downtown area of Mt. Morris on the evening of April 15, partially collapsing the 2-story structure into the street. MI-TF1 was requested and deployed a Search Mission MRP to verify any potential trapped occupants. It was quickly determined that there indeed were no persons with the collapsed structure.



MI-TF1 Deploys a Swiftwater Rescue Team to the Catastrophic Floods in Vermont

The State of Vermont, who had an unusually wet summer, experienced some of the worst flooding in the state's history after receiving 9-11" of rain within a 24 period. The unsettled weather pattern persisted for several days, bringing in additional rounds of rain and subsequent flooding to areas of the state where rivers were already above flood stage. Vermont declared a state of emergency and submitted requests into the EMAC system for additional Swiftwater/Floodwater Rescue Teams as state and local resources were pushed beyond their limits.

MI-TF1 submitted a Req-A into the EMAC system and ultimately deployed a Type 3 Swiftwater Rescue Team as part of the EMAC request, arriving in the early morning hours on Tuesday, July 11, at the established staging area at the municipal airport in Berlin, VT. Initially our Swiftwater Type 3 team worked directly from the airport staging area on assists and evacuations both in the state capital city of Montpelier (standing by for a potential dam failure) and in the community of Cambridge, where we assisted both NC-TF1 and MA-TF1 with assists/evacuations. Over the preceding days, the team was assigned to the Central USAR Division, with our base of operations established at the Middlebury Fire Department (in the central part of Addison County). During the next 6 days our personnel assisted local fire departments with additional evacuations and rescues, along with performing wellness checks on area residents and infrastructure damage assessment during wide area recon assignments. When not assigned a mission by the IST SAR Coordinator for the Rescue Branch, the team worked in the local community of Middlebury assisting with sand bagging operations at local businesses along the river. While deployed our team had the opportunity to work alongside teams from NY, NC, MA, CT, as well as the local VT teams.



MI-TF1's Type 3 Swiftwater Rescue Team works both day and night to assist the State of Vermont during that area's historical flooding in July.



Operation Gallant Response '23 – Camp Grayling, Michigan National Guard

MI-TF1 exercised 121 personnel during its annual Operational Readiness Exercise at Camp Grayling's Combined Arms Collective Training Facility (CACTF), May 15-18. This partnership with Camp Grayling allows our team to train in a realistic urban setting that includes 28 full-scale buildings that represent commercial, residential, and high-rise structures. Additionally, the site provides an adjacent location that represents an urban disaster area consisting of props representing a collapsed heavy reinforced concrete building, multiple story partially collapsed structure, and rubble pile. The three-day exercise focused on the member check-in process, mobilization, convoy travel, Base of Operations (BoO) set up, and ultimately focusing on extended Search and Rescue operations. Comprehensive, realistic, and challenging scenarios laid out across the training grounds provided an environment that would test the skills of our members and place them in stressful situations where they would have to solve real-world rescue problems in a small squad format.

Team members worked through multiple 12-hour operational periods, simulating real-world search and rescue operations. The developed scenarios incorporated search objectives for both our Canine Specialists and Technical Search Specialists, along with complicated victim entrapments within collapsed or compromised structures which required stabilization prior to entry. Increased focus for this year was the expansion of shore-building evolutions for unstable structures, along with medical stabilization, treatment, and extraction of victims in deficit-enriched environments. Exercise facilitators created additional objectives to test rescue skills requiring cutting, breaching, and breaking reinforced concrete, as well as evaluating a Squad's ability to safely develop and execute removal of an entrapped victim from heights utilizing a highline rope rescue system from one building to another. These scenarios were completed as part of both day and night operations. The success of this year's ORE achieved the overarching goal of enhancing individual team member's competence and confidence, while creating an environment that fosters strong communication, coordination, and teamwork.



MI-TF1 exercised 121 personnel over three days at the team's annual ORE at Camp Grayling. Team members were pushed to the limit in testing their problem-solving abilities, skill execution in austere environments, and ability to work as a team.

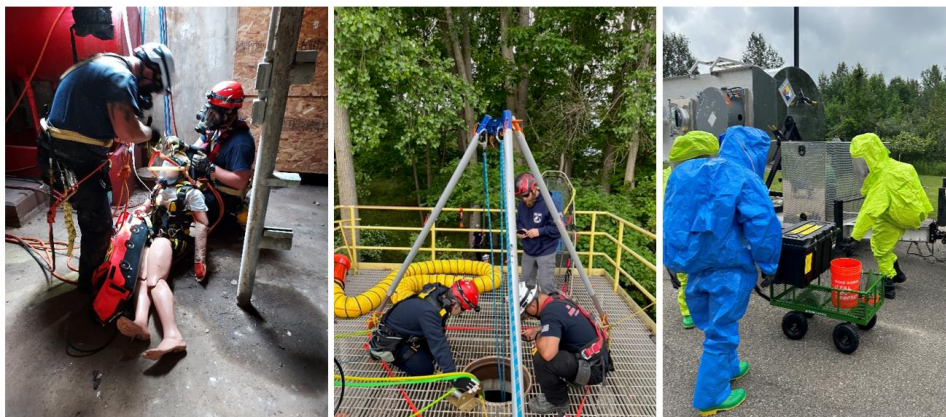
Continued Fire-Based Special Operations Validations Focused on Enhancing a Statewide Response Network for Hazardous Materials and Technical Rescue Teams

MI-TF1/MI-MABAS continues to focus on its Scope of Work by enhancing a statewide response network of Special Operations capabilities by providing quantitative validations that focus on specific administrative and operational readiness elements. These validations assist as a benchmark for delivering an identified response capability needed by an IC in mitigating an incident involving the need for technical rescue, hazardous materials management, or UAS resources. This process assists in identifying these Special Operations teams, their specific capability, the number of trained personnel available (with a “Company” designation for 7 personnel or a “Team” designation for 18 personnel) and geographic location. Once identified these teams/companies are cataloged and can be coordinated for a deployment to a needed jurisdiction through the MI-MABAS Red Center, which serves as the Emergency Communications and Coordination center for fire-based resource requests within the state.

The following teams/companies were successfully validated during FY22:

- o City of Grand Rapids FD - Technical Rescue Team November 2022
- o City of Grand Rapids FD - Hazmat Team December 2022
- o Region 3 TRT - Technical Rescue Team June 2023
- o MABAS Div 3701 - Hazmat Company June 2023
- o Western Wayne - Hazmat Team Re-validation August 2023
- o Washtenaw County TRT - Technical Rescue Team Re-Validation September 2023
- o MABAS 3701 TRT - Technical Rescue Company September 2023

We continue to work with additional fire-based organizations across the state, delivering presentations on the validation and the assistance available in preparing for Special Operations validation.



Special Operations validations for 2023 saw an additional seven (7) Fire-Based Hazardous Material Response and Technical Rescue Teams added to the growing response network of specialized response capabilities across the state. Pictured above are some of those teams demonstrating specific Special Operations capabilities during the “skill portion” of the validation process.

MICHIGAN TASK FORCE 1

Michigan Task Force 1 (MI-TF1) is a fully credentialed National Incident Management System (NIMS) Type III Urban Search and Rescue (USAR) Task Force and Type I Swiftwater/Flood Rescue Team recognized by the Federal Emergency Management Agency (FEMA). MI-TF1's capability consists of one hundred sixty-eight (168) 2023 numbers of Michigan's most highly trained emergency service personnel, coupled with private partners that include structural engineers, physicians, canine handlers, crane operators, and more than 15.4 million dollars (\$15,400,000) of specialized equipment, vehicles and training.

MI-TF1 is deployable on an intrastate basis via the Michigan Emergency Management Assistance Compact (MEMAC), the Michigan Mutual Aid Box Alarm System (MI-MABAS), or other mutual aid requests. MI-TF1 is also deployable on an interstate basis through an Emergency Management Assistance Compact (EMAC) request. MI-TF1 is Michigan's critical asset that responds to local, state, or federal natural and man-made disasters by providing search and rescue, medical support, damage assessment, and assistance in the coordination of relief for First Responders.



MICHIGAN MUTUAL AID BOX ALARM SYSTEM

The mission of MI-MABAS is to coordinate the effective and efficient intrastate and interstate mobilization and deployment of fire resources to an incident that overwhelms local resources and requires additional assets and personnel. As a result, MI-MABAS was created, pursuant to the Michigan Constitution 1963, Article VII, Section 28, and the Michigan Urban Cooperation Act, of 1967, 1967 PA 7, MCL 124.501, et seq.

Currently, there are **39 MABAS Divisions in Michigan** with over **600-member fire departments**, an Urban Search and Rescue Task Force, Technical Rescue Strike Teams, Hazardous Material Response Teams, and an Incident Management Team. Michigan joins Illinois, Indiana, Wisconsin, and the Minnesota MABAS programs.

Executive Board –Based on the organization’s bylaws, the Executive Board is composed of division representatives and stakeholders that are tasked with system governance, establishing system goals, policies, and resource development for response to statewide emergencies and disasters.

MI-MABAS Communications and Dispatch Committee – This committee is responsible for developing policy, training and exercises for Division Dispatch Centers and the Red Center. The committee is represented by eight Division Dispatch Centers, the Red Center, MI-MABAS Communications Specialist, and Exec Director.

Plans Coordinators – The Plan Coordinators represent each division and are responsible for establishing strategies and tactics to implement the organizational goals at the division level. The Plan Coordinators also organize training and exercises for their respective division.



DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS GRANT NO. FAS 23-01

STATEMENT of PURPOSE

The purpose of this Agreement is to provide funding to support the Michigan Urban Search and Rescue efforts as outlined in the Statement of Work.

FY 23 STATEMENT of WORK

The scope of work for Michigan Task Force 1 (MI-TF1) during fiscal year 2023 continues to focus on maintaining and enhancing Michigan's only Urban Search and Rescue (USAR) Type III Task Force and Type I Swiftwater/Flood Search and Rescue Team, along with the continued updating of mission critical equipment, and enhancement of local USAR capabilities.

Specifically, the scope of work for the appropriation designated in Sec. 105 Occupational Regulation, USAR will continue to include:

- Maintain Urban Search and Rescue Type III Task Force and Type I Swiftwater/Flood Search and Rescue Team capabilities in compliance with FEMA, to include:
 - Mission Capability Improvements
 - Personnel Training and Exercising Requirements
 - Equipment Readiness
- Maintain and Enhance MI-TF1 Single Resource Mission Ready Packages
- Maintain and Develop Statewide Partnerships
- Communicate MI-TF1's Capabilities to Michigan's First Responder community
- Provide local and regional fire departments with assistance during USAR and Special Operations driven incidents
- Expand and exercise our Statewide Notification and Response Network for Fire Special Operations Resources with the local/regional partners

The appropriation designated in Sec. 111 One Time Appropriation, USAR, will enable MI-TF1 leadership to enhance Michigan's USAR capabilities by:

- I. Improving operational readiness through equipment purchases, training and exercises that support a statewide USAR response capability
- II. Validate Michigan Fire Service Special Operation Capabilities at the regional and local level
- III. Updating/replacing mission critical communications, rescue, and logistical support equipment
- IV. Engaging local USAR and Special Operations leadership in quarterly meetings aimed at developing communications and response guidelines

MI-TF1 FY 23 PERFORMANCE METRICS

MAINTAIN FEMA URBAN SEARCH AND RESCUE TYPE III TASK FORCE CAPABILITIES

MI-TF1 increased the number of *Level 1* deployable members from 92 to 101 with 16 additional members eligible to deploy in a support capacity. A total of 112 training exercises, and events were sponsored with a total of 1,128 MI-TF1 members attending, totaling 13,602 contact hours to increase our operational readiness.

MISSION CAPABILITY ENHANCEMENTS for URBAN SEARCH AND RESCUE

MI-TF1 focused on building out a significant command and control enhancement through further enhancing a mobile command platform that would support search and rescue operations in austere disaster environments. This newly designed Mobile Command Unit, purchased in FY22, has now been enhanced to leverage multiple platforms for communication, tracking, mapping, printing, and real-time data management, situated in a highly mobile unit, significantly improving situational awareness during emergency operations.

ENHANCE MI-TF1 SINGLE RESOURCE MISSION READY PACKAGES (MRP)

MI-TF1 and MI-MABAS have updated the combined MRP Handbook to streamline the mobilization of any MI-TF1 MRP packages and Special Operations resources to jurisdictions in need. The 31 individually updated MRPs are placed within one of four different categories based on capability. This combined approach allows for quick recognition of typed capabilities, number of personnel, and their geographic location, assisting dispatchers in quickly recognizing the closest most appropriate resource for a given request.

MAINTAIN and DEVELOP STATEWIDE PARTNERSHIPS

MI-MABAS and MI-TF1 continue to collaborate and further develop partnerships with emergency response stakeholders throughout the state. These formal meetings include the Michigan State Police: Emergency Homeland Security Division (9), Hazmat Workgroup (4), Incident Management Team Workgroup (5); Fire Chiefs Associations: Southeast Michigan (1), Western Michigan (2), Northern Chiefs (2); Michigan Emergency Managers Association (3), Great Lakes MABAS Consortium (11), Statewide: Tech Rescue (4), sUAS workgroup (4) and division dispatch centers.

COMMUNICATE MI-TF1'S CAPABILITIES to MICHIGAN'S FIRST RESPONSE COMMUNITY

MI-TF1 and MI-MABAS focused on new opportunities to strengthen our communication on their capabilities through engagement at the MAFC Conference, MABAS E-Board meetings (6), MABAS Plans Coordinator meetings (5), Division Fire Chiefs Meetings (8), Interoperability Communications Conference, Instructor Coordinator Conference, Michigan Fire Inspectors Society conference, and MABAS Regional Response Coordinator meetings.

CONTINUED VALIDATIONS for MICHIGAN FIRE SERVICE SPECIAL OPERATIONS CAPABILITIES

The City of Grand Rapids Fire Department validated both as a Type I Hazmat Team and a Technical Rescue Team in collapse, trench, confined space, and rope. MABAS Division 3701 (Grand Traverse & Otsego Counties) validated a Type II Hazmat Company and a Technical Rescue Company in rope and confined space. Region 3 Technical Rescue Team validated to collapse, rope, and confined space. Additionally, Western Wayne County Hazmat re-validated to a Type I Hazmat Team and Washtenaw County Technical Rescue Team re-validated in collapse, trench, rope, and confined space.

EXPANDED and EXERCISED STATEWIDE NOTIFICATION PROCESS FOR FIRE SPECIAL OPERATIONS RESOURCES

MI-MABAS delivered (12) MABAS 101 training programs, aimed at training and exercising local and divisional dispatchers from across the state, involving 145 divisional Directors, Supervisors, dispatchers and area Chiefs. Each of these training courses included a final exercise with the Red Center, which tested the notification and activation process for Fire Special Operations resources. These exercises incorporated (9) different Special Operations teams/companies throughout the state. Additionally, the RED Center continues to conduct bi-monthly alert notifications to all division reps, and MI-TF1 conducts monthly notifications to its members.

PROVIDE ASSISTANCE to LOCAL FIRE DEPARTMENTS DURING INCIDENTS

MI-MABAS deployed Ambulance Strike Teams (3) to the MSU Active Shooter incident on February 13, Fire Task Forces (2) to the Menominee Paper Mill Fire on October 6, Tanker Strikes Teams (2) to the Saginaw Grain Elevator on December 18; MI-TF1 deployed Logistical support to the Menominee Paper Mill Fire, a Structural Engineer MRP to the Dundee Tornado on April 1, and a Search Team MRP to the Mount Morris building explosion on April 15.

UPDATED/REPLACED COMMUNICATIONS, RESCUE, and LOGISTICS EQUIPMENT

An aging cache of UHF radios and end-of-life MPSCS 800MHz were replaced with new portable radios containing multi-band capability, dramatically improving interoperability during emergency operations intrastate. Enhancements in data collection and voice communications during emergencies were made by introducing new ruggedized/waterproof cell phones to replace existing and outdated communications. Additional purchases of mission critical rope rescue equipment were completed, allowing aging and end-of-life rope components to be replaced. Lastly, based on recent requests and deployments for incident Logistical Support, two (2) complete Logistical Incident Support trailers were designed and fabricated to support local Incident Commanders by providing tents, heaters/AC, generators, lighting, cots/sleeping bags, and other support tools required during long duration incidents.

PROJECT IMPLEMENTATION

PROJECT IMPLEMENTATION

MI-MABAS and MI-TF1 leadership personnel met weekly to ensure the Statement of Work was followed and performance metrics were achieved. A USAR Supplemental Committee was created to research, evaluate, and recommend equipment, training and statewide response network enhancements.

ACCOMPLISHMENTS AND CHALLENGES

MI-MABAS and MI-TF1 made significant improvements to the statewide response network through training local firefighters and dispatch center personnel, standardizing the deployment process to request more personnel, enhancing fire-based USAR capabilities and purchasing communications equipment that can be used throughout the State of Michigan for small and large incidents. The only challenge is sustaining our growth with limited funding and the continued turnover of fire service personnel.

COORDINATED EFFORTS

MI-MABAS and MI-TF1 continues to partner with the Michigan State Police Emergency Management Homeland Security Division, the Bureau of Fire Services and the State Fire Marshal, Michigan Emergency Management Association, Local, County and State agencies, Great Lake State MABAS organizations, National SUSAR and FEMA Task Force organizations, along with various Michigan Air National Guard groups.

IMPACTS OF THE PROJECT

The impact of the project continues to enhance knowledge, skills and abilities of Michigan fire departments and dispatch centers throughout the state. MI-MABAS and MI-TF1 the major resource and collaborator for fire service operations as cities, villages and townships face major recruitment and labor shortages.

FINANCIAL EXPENDITURES

All FY23 financial expenditures were paid with grant money, private donations or deployment reimbursement(s) for personnel, equipment, and material consumables.

FY 24 Goals & Objectives - NEXT STEPS

The plan moving forward is to continue building on our past accomplishments through training, exercises and equipment purchases to improve statewide USAR operational readiness with a focus on Incident Management capabilities, while also working to validate more Michigan Fire Service Special Operation Capabilities in the rural areas of our state.

FY23 FINANCIAL DETAILS

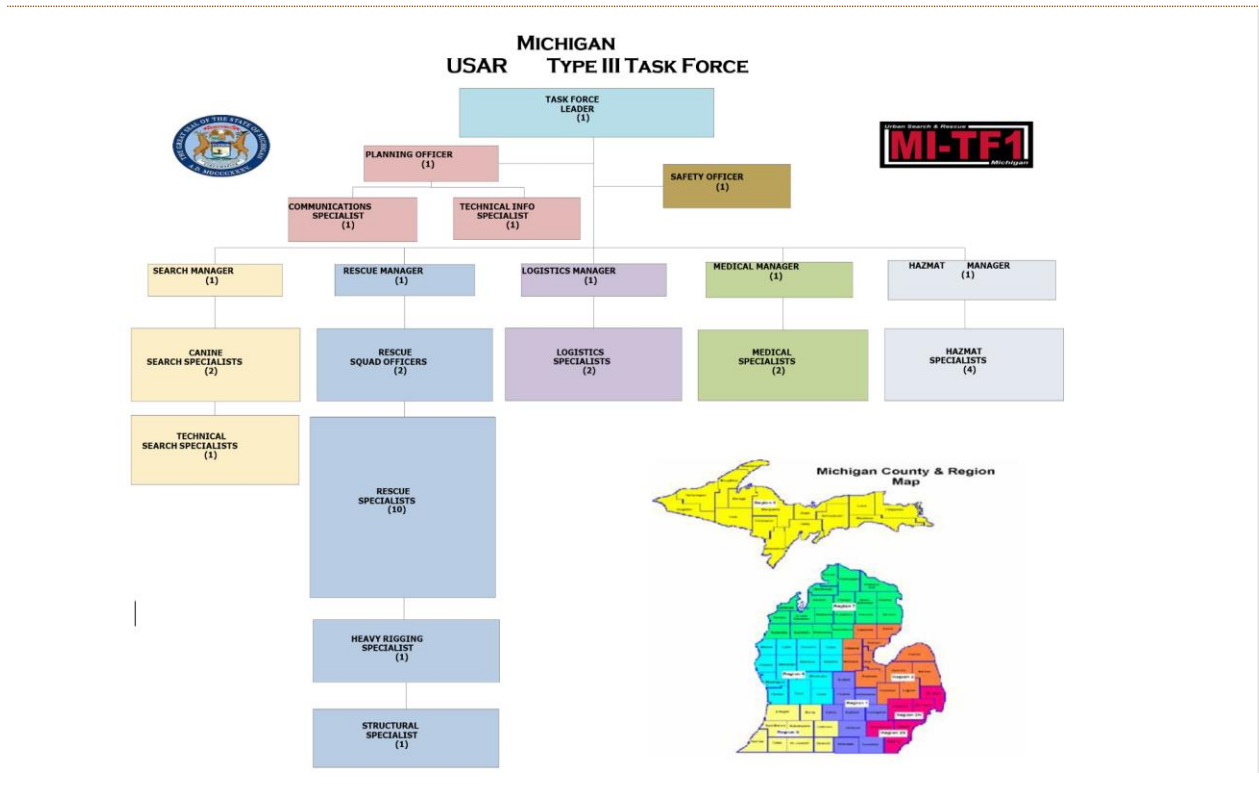
LARA GRANT NO. FAS 23-01

MI-MABAS and MI-TF1 USAR APPROPRIATION

Administration	
Program Director	\$ 83,405.82
Executive Director	\$ 82,394.58
Training/Exercise Coord	\$ 71,082.12
Financial Specialist	\$ 20,000.00
Planned Work	\$ 29,582.72
MOB Manager	\$ 9,937.87
Payroll Processing	\$ 2,605.89
Total Administration	\$ 299,009.00
Office Costs	
MOB Center Lease	\$ 124,325.47
MOB Center - Internet	\$ 3,298.06
MOB Center - Security System	\$ 2,424.99
Workers Compensation	\$ 13,258.00
Vehicle Reg & Insurance	\$ 22,045.00
Subscriptions	\$ 13,093.83
Office Supplies	\$ 1,488.52
Total Office Costs	\$ 179,933.87
Operating Expenses	
Deployment	\$ 244,799.41
Equipment Maintenance	\$ 17,329.23
Fleet Maintenance	\$ 21,601.23
Operating	\$ 12,452.74
Total Operating Expenses	\$ 296,182.61
Training & Conference	
Admin Days	\$ 19,282.33
In-House Training	\$ 28,078.40
Operational Readiness	\$ 68,632.11
Position Specific	\$ 34,597.45
Section Coordinator	\$ 12,633.04
Water Rescue (ALL)	\$ 61,651.19
Total Training & Conf Costs	\$ 224,874.52
Total Expenses	\$ 1,000,000.00

USAR One time Appropriation

Communications	\$ 98,953.07
Equipment	\$ 517,705.68
Planning	\$ 48,971.11
Statewide Response Network	\$ 120,303.25
Trainings & Conferences	
Comms & InterOp	\$ 16,985.18
Conferences & Symposiums	\$ 31,309.27
MABAS Position Specific	\$ 66,734.94
MABAS Spec Ops & Div Meetings	\$ 51,061.54
MABAS/MI-TF1 IST & IMT Training	\$ 47,975.96
Total Trainings & Conferences	\$ 214,066.89
Total FY23 Supplemental	\$ 1,000,000.00



CONTACT INFORMATION

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