


LORAIN COUNTY FIRE CHIEFS' ASSOCIATION

Standard Operating Guidelines

<p>Lorain County Dive Team Standard Operating Guidelines</p>	<p>SOG: 003 Effective Date: June 24, 2010 Supersedes: March 1, 1998</p> <p>Approved:  President, Lorain County Fire Chiefs' Association Inc.</p> <p>Page 1 of 25</p>
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1.0 PURPOSE

- 1.1 This dive team was established to fulfill a growing need for a professional search and recovery SCUBA Team to cover the increasing amount of water exposure on a reciprocating mutual aid basis, within Lorain County and its jurisdiction.
- 1.2 This dive team will provide properly trained scuba divers for the specific purpose of underwater search and rescue or body recovery of drowning victims. The dive team will also, on a limited basis, conduct under water investigations when requested by the appropriate law enforcement agency with jurisdiction. In addition, the dive team may perform other water related services when specifically requested with the approval of the chief of the department whose jurisdiction the request is being made by, and the approval of diving supervisor.

2.0 DIVISIONS AFFECTED

- 2.1 All Lorain County Fire Department personnel and emergency personnel

3.0 RESPONSIBILITY

- 3.1 All Officers are responsible to comply with and ensure that personnel under their command are adequately trained, fully understand, and comply with this guideline.
- 3.2 All members have the responsibility to learn and follow this guideline.

4.0 TEAM POLICIES

4.1 Emergency Aid

- A. Each department shall develop and maintain a list of the available resources of emergency aid, equipment, and professional assistance with their radio call signs, phone numbers, and instructions for contacting them.
- B. The list shall include information necessary for the requisition of or access to, the following types of emergency aid:
 - 1. Decompression chamber
 - 2. Hospital or medical treatment facility
 - 3. Air or ground transportation
 - 4. On call physician (Med Control)
 - 5. U.S. Coast Guard Rescue Coordination Centers
 - 6. Heavy wrecker service or Mobil Cranes
 - 7. Local Commercial Diving services
 - 8. LC EMA MOBILE COMMAND POST
- C. Two-way communications shall be available and accessible at a diving or hyperbaric work site in order to engage emergency incidents as required.

4.2 Personnel

On scene utilization of personnel for diving will be limited to dive team members only, regardless of scuba experience. Utilization of personnel for tending or other tasks directly related to diving will be limited to trained tenders or dive team members only, unless under the direct supervision of the Diving supervisor.

5.0 TEAM MEMBER CLASSIFICATIONS

5.1 Tender

This classification indicates that the individual has basic knowledge of diving theories, equipment, underwater physiology, under-water physics, and has been departmentally trained specifically for tending diver, and dive teams.

5.2 Diver

- A. This classification indicates that the diver holds at least an advanced open water certification from any agency and has good basic skills and knowledge. This also indicates that the diver has had an orientation into public service, team policies and protocols, and local job-related hazards to the extent that he/she can participate in team activities.
- B. Divers should be utilized as divers, stand by divers, line tenders, or support personnel. Divers are not permitted to do any solo diving (i.e., solo tether line search patterns); tasks will be assigned to them with prudence under adverse conditions (zero visibility, etc.) which would dictate a more experienced diver.

5.3 Rescue diver

This classification indicates that the diver holds at least an advanced certification, and holds PSD or ERDI certification from any agency and is adequately proficient at tasks related to diving and is qualified to do most jobs on the team. In optimum conditions their ideal position would be as stand-by diver.

5.4 Diving Supervisor

- A. Diving supervisors must have received formal dive rescue training and must be knowledgeable, accomplished divers proficient at tasks related to diving and maintaining supervisory control over dive team operations.
- B. Diving supervisors are qualified to fill any position on a scene; however, they should be utilized as the dive team leader and placed in charge of diving operations.
- C. In the absence of a dive supervisor, a senior diver can fill this position until relieved by a qualified dive supervisor.

6.0 TRAINING

- 6.1 All members of the dive team regardless of their position shall maintain current CPR certification.

- 6.2 Prior to appointment each dive team member will have completed a basic open water course and hold a certification from any certifying agency.
- 6.3 Before an individual will be allowed to participate on a call they must have been oriented into search and rescue diving by their department dive supervisor and must have participated in at least one county training session.
- 6.4 There will be two (2) meetings per year, for academic training as well as organizational review. The host department for the next meeting will be determined at the January meeting.
- 6.5 A training committee will be appointed at the last meeting every year to advise on, and help plan academic training and dive training sessions for the following year.
- 6.6 There will be a minimum of four (4) actual dive training sessions per year, with the dates, times, and host department for each dive training session to be determined at the January meeting. The host departments will provide a location within their municipality that is a potential exposure, and with the help of the training committee, will be responsible for the training scenario.
- 6.7 Each team member is required to attend at least two training sessions per year.
- 6.8 Each team member is required to log at least four (4) dives per year

7.0 EQUIPMENT

- 7.1 Each team affecting a rescue shall, at a minimum, have:
 - A. Personal floatation devices for each person working near the water
 - B. The appropriate length polypropylene search line.
 - C. A minimum of 50 feet of polypropylene line in a throw bag.
- 7.2 *Each diver shall at a minimum have.*
 - A. Appropriate exposure suit (wet/dry, hood gloves booties)
 - B. Mask
 - C. Redundant air source
 - D. Fins
 - E. Tank
 - F. Environmentally sealed regulators
 - G. Pressure gauge
 - H. Depth gauge
 - I. Buoyancy control device
 - J. Two (2) knives or cutting devices (one high one low)
 - K. Flashlight (if night diving-two flashlights and one chemical light stick)
 - L. Positive means of securing a tether line (commercial harness preferred)
 - M. One small marker buoy

- 7.3 It is acceptable to use personal dive gear for dive team operations, as long as it is *maintained properly and in good condition*. If the diver's personal gear is damaged on an actual call, the host jurisdiction will be responsible for the replacement or repair of the damaged gear. This policy does apply to training dives.

8.0 SAFETY

8.1 Safety guidelines

- A. All dive team members are expected to exercise prudent care and safe practices during all training and on all emergency scenes. This not only includes in or around the water of a scene, but en route to a scene, while donning gear or preparing to dive, and after the on scene mission is complete.
- B. The ultimate responsibility for safety rests with the individual, whether diver or tender. It is the diver's responsibility and privilege to refuse to dive if, in his or her judgment, conditions are, unfavorable, unsafe, or beyond their level of training, or if he or she would violate the dictates of their training or any regulations, SOPS, or other dictates of their department and/or dive team without reasonable justification. No diver shall ever be forced or coerced to dive, or be penalized for refusing to dive when he or she elects to.
- C. It is the responsibility of all divers and tenders to maintain familiarization with dive team and personal equipment and be aware of its location at the dive scene.
- D. Divers shall perform a basic inspection of their equipment prior to each dive. VIP or hydro shall be current.
- E. Equipment deficiencies may demand the cancellation, termination, or postponement of diving operations.
- F. At any incident where leakage of unknown chemicals is entering the water from various vehicle(s), the divers shall conduct an evaluation, and after conferring with the officer in charge on scene determine whether or not to dive. Should the decision be in favor of diving, a water sample must be taken for future reference.
- G. In general at any scene, whether training or on an actual incident, all members are expected to either be suited up in dive gear or be wearing a PFD when operating within twenty five (25) feet of the water.
- H. Any member in any capacity, when suffering from or recovering from an injury or illness, which does not allow the individual to attend their normal profession, and/or limits their function at their normal profession, and/or the individual is aware of any condition which inhibits their normal

functioning, and/or poses a hazard to himself or herself or others, that the individual shall not participate as a dive team member until cleared by a physician.

8.2 EMS Squad

- A. No diver shall enter the water until there is a medic squad is on scene. The medic squad shall be dedicated for dive team use only. If there is a second squad needed for a patient (s) care then a second medic squad should be dispatched to the scene.
- B. If the ambulance is called away from the scene diving operations will cease until another qualified ambulance arrives on the scene.
- C. Any diver that develops a medical problem during a dive will report to the ambulance crew for a neurological examination and vital sign check.

8.3 Depth limit

- A. Divers shall not conduct dive operations below 60 feet in depth.
- B. Rescue divers shall not conduct dive operations below 100 feet in depth

8.4 Stand-by diver

- A. No diving operations shall take place until there is a stand-by diver in gear and ready to dive with their own separate tender,
- B. In most circumstances it is preferred that the stand-by diver be the diver with the most experience and training.

8.5 Diver Emergency

- A. In the event of a diver emergency, for any reason search and rescue operations shall cease.
- B. Once the diver(s) are out of the water, all diving operations will cease. IC and diver supervisor will review operations.

Any diver injuries and/or death arising from the activities of the dive team including training, search and rescue, body recovery, or other water related services that have the approval of the Fire Chiefs' Association, will be considered "on duty" and individuals will be entitled to all benefits.

9.0 DIVE TEAM REQUESTS

- 9.1 The Lorain County Dive Team will be requested by contacting 9-1-1 by radio or by phone.

9.2 The Incident Commander should notify the dispatcher of the Dive Team request and should provide the following instructions:

- A. Name of department requesting aid.
- B. Radio frequency/channel to be used and a tactical channel for the dive team.
- C. The location of the incident staging area

10.0 OPERATIONS

10.1 Scene responsibility

- A. Diving operations is a section of the incident command system (ICS). The fire chief or his authorized representative shall be in charge at the scene of a fire or other emergency involving protection of life and/or property, and shall remain in charge until authority is relinquished. Typically the first person arriving on the scene will assume incident command and that individual will be relieved working up through the chain of command as if on any other fire incident.
- B. The first arriving dive team member, whether diver or tender, assumes command of the diving operations sector. The diving operations sector may be relieved since the transition can occur safely and smoothly. Ultimately protocol prefers that a diving supervisor fill this position.
- C. *Diving operations sector responsibilities:*
 - 1. Directly supervises and is responsible for any dive team operations.
 - 2. Remains out of the water and in contact with all members and the incident commander as needed.
 - 3. Assigns all dive team personnel responsibilities as necessitated by the operation and the equipment available
 - 4. Assists in establishing and evaluates the last seen point before any dive operation is initiated.
 - 5. Gathers information from incident commander and/or the requesting agency.
 - 6. Conducts a scene evaluation.
 - 7. Makes a risk benefit assessment based on all available information and makes the decision on whether or not to dive.
 - 8. Should diving operations be performed, the diving operations sector will remain abreast of all elements of operation, in particular the conduct and safety of the divers.
 - 9. Should evidence and/or a victim/patient be located, the diving operations commander will coordinate the extraction with the incident commander.

10. The diving operations sector shall have the authority to cancel, terminate, or postpone any diving operations anytime as he / she deems necessary.

D. Diver and rescue diver responsibilities

1. It is the responsibility of all divers to refuse to dive when hazardous conditions exist.
2. Every diver must inspect their equipment before every dive.
3. Every diver must remain current on training and be familiar with search patterns, diving techniques, and dive team protocols.

E. Tender responsibilities

1. Every tender must be familiar with diving equipment, diving theories tending procedures and dive team protocols.
2. On scene a tender must focus their attention on the diver, no unnecessary conversations should be held. Anything that takes attention from the diver should be reported to the diving supervisor to rectify the matter.

10.2 Incoming personnel

- A. Incoming personnel are to report to the operations section chief
- B. Incoming divers or qualified tenders are to report diving operations supervisor and go to the diving operations staging area.

10.3 Refusal to dive

Every diver has the right and the responsibility to refuse to dive if in diverse judgment, conditions are unfavorable, unsafe, or beyond their level of training. No diver shall be penalized for exercising this right.

10.4 Pre-dive

- A. There shall be a safe means for entering or leaving the water such as a ladder stage, or other appropriate device. This device shall extend a minimum of three feet below the water's surface. Additionally, the means of entering and leaving the water shall be adequate to facilitate rescue personnel.
- B. Line signals shall be agreed upon at a regular team meeting to allow for continuity between County divers.

10.5 Rescue

The determination of whether the situation at hand is a rescue or recovery shall be left up to the on scene dive team, dependent on Risk Verses Benefit, water temp, duration of immersion, water contamination, and available resources at hand.

10.6 Body recovery

Body recoveries shall be handled with priority to dive team safety and with the objective of preserving any and all evidence relevant to Law Enforcement personnel having jurisdiction.

10.7 Termination of dive

The working interval of a dive shall be terminated when:

- A. Directed by the dive supervisor and/or the IC.
- B. The diver requests termination.
- C. The diver fails to respond correctly to communications or signals from a dive team member.
- D. Communications are lost and cannot be quickly reestablished between the diver, the tender, the diving supervisor and in live boating operations, the person controlling the vessel.
- E. The diver begins to use the diver-carried reserve breathing gas or the dive location reserve breathing gas.

10.8 Post dive

After the completion of each dive the diver shall:

- A. Be questioned as to his physical condition.
- B. Instructed to report any physical problems or adverse physiological effects including symptoms of decompression sickness or gas embolism.
- C. Advised of the location of an operational decompression chamber.
- D. Alerted to the potential hazards of flying after diving.
- E. After the completion of any dive outside of the no-decompression time/depth limits, the following are recommended:
 - 1. Instruct the diver to remain within two hours travel time of the designated decompression chamber for at least five hours after the dive.

2. **Contact (DAN) Diving Accident Network** at 1-919-684-4326 for additional information, and recommendations. **IN AN EMERGENCY, CALL COLLECT.**

- F. Instruct the diver of the hazards of flying at altitudes in excess of 800 feet, except in an emergency within twelve hours after decompression from a non-saturation dive, diver must consult with a medical professional prior to flying. **NO EXCEPTIONS**
- G. On any dive that results in decompression sickness, proper medical authority should be consulted prior to flying after treatment

10.9 Incident reporting

- A. Any incident including, but not limited to, injury, illness, disregard for safety, or altercations with bystanders must be reported.
- B. Team log: After completion of every dive, divers must complete a team log, signing in and out for accountability.
- C. Dive log: It is recommended that after the completion of diving, a personal log should be kept and signed by the diving supervisor.

11. APPENDICES

- A. Contact Numbers
- B. Resources
- C. Education
- D. Neurological exam
- E. Witness interview
- F. Site log
- G. Event Log
- H. Sign in log
- I. MABAS box alarm

APPENDICE A.

**LORIN COUNTY DIVE TEAM
CONTACT NUMBERS**

- | | |
|--|---|
| 1. Amherst Fire Department | 440-988-4421 or 911 |
| 2. Avon Fire Department | 440-934-1222 or 911 |
| 3. Avon Lake Fire Department | 440-933-8305 or 911 |
| 4. Avon Police Department | 400-934-1234 or 911 |
| 5. Columbia Fire Department | 440-236-8812 or 911 |
| 6. Elyria Fire Department | 440-323-4814 emergency 440-323-3307
or 911 |
| 7. Lorain Police Department | 440-204-2100 or 911 |
| 8. North Ridgeville Fire Department | 440-327-4001 or 911 |
| 9. Sheffield Twp Fire Department | 440-277-4380 or 911 |
| 10. Wellington Fire District | 440-647-3456 or 911 |
| 11. Brecksville Fire Department
through Strongsville Dispatch | 440-580-3230 |
| 12. Cuyahoga Falls Fire Department | 330-971-8400 |
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APPENDICE B.

**LORAIN COUNTY FIRE DEPARTMENT'S WATER
RESCUE/RECOVERY RESOURCES**

AMHERST FIRE DEPARTMENT

DIVERS

- 5 RESCUE DIVERS
- 3 OPEN WATER DIVERS
- 1 INSTRUCTOR
- TENDERS
- 4 TRAINED SONAR OPERATORS

EQUIPMENT

- 6 SETS SCUBA GEAR
- 2 COMMERCIAL DIVING HARNESSSES
- 2 REDUNDANT AIR SYSTEMS
- 1 EXO WITH SIDE BLOCKS ASSEMBLY, COMMS, 210 FT HARD WIRE
SURFACE RADIO (SURFACE SUPPLIED READY)
- 1 50# LIFT BAG WITH RIGGING, VARIOUS SEARCH LINES, FLOATS

ALARM RESPONSE 911 OR (440) 988-4421

Avon Fire Department Water Rescue and Rope Equipment

- 1 International Medium Duty Rescue Vehicle - outside lighting, 4000 watt on board generator, (2) 500 watt telescoping scene lights, heated / AC rear compartment.
- 1 14 ft. Zodiac Mark 2 hard bottom inflatable boat, 30hp Johnson Rescue Pro two cycle jet drive engine, (2) 6 gallon fuel tanks, (2) oars, EZ loader trailer, 25 ft. webbing self equalizing bridal, set up for (4) point tether.
- 1 30 in. hard shell Jim - Buoy Floatation ring.
- 4 BCD's with integrated weight system.
- 6 80 cu ft. air tanks.
- 2 63 cu ft. air tanks.
- 4 Sherwood regulator sets.
- 2 19 cu ft. escape bottles with regulators.
- 3 EXO full face masks.
- 1 OTS comms, MK-7 Buddy Line Two Diver Intercom.
- 2 150 ft. comm rope with high use ends.
- 2 DUI TLS 350 PSD dry suits with gloves and integrated hood, (Zip Seals).
- 1 DUI TLS 350 dry suits.
- 2 Whites dry suits.
- 2 Body harnesses.
- 4 Mustange Ice Commander suits.
- 4 Stearns Cold Water suits (Gumby).

- 6 Work Vest PFD's type III/V.
- 4 Stearns Versatile Rescue PFD's type V.
- 4 Pro Tec Ace water rescue helmets.
- 7 Fire Fly Solas USCG approved strobe lights.
- 4 Pelican Floats.
- 7 70 ft. 3/8 polypropylene rope throws bags.
- 2 150 ft. 5/16 nylon rope search lines with 10 ft. graduations on the rope.
- 1 15 ft. by 20 ft. staging tarp
- 12 ft. Werner 300lb. Rated multi position aluminum ladder.

Rope and Rigging Equipment

- 1 Stokes basket.
- 1 Rescue SKED stretcher.
- 4 Rescue Eights (steel).
- 28 1/2 steel locking carabineers.
- 5 Steel locking tri links.
- 1 36 kn swivel.
- 2 9/16 dia. 3 in. forged steel rigging rings.
- 2 48 in. anchor straps.
- 3 36 in. adjustable anchor straps.
- 2 Eight hole aluminum rigging plate.
- 3 Petzl ID belay devices.
- 1 3:1 pre-rigged lower/haul system.
- 5 2 in. Prusik minding pulleys.
- 2 4 in. Prusik minding pulleys.
- 1 2 in. double sheave Prusik minding pulley.
- 1 Kootenay knot passing pulley.
- 10 Short prusik cords.
- 10 Long Prusik cords.
- 4 200 ft. 1/2 rope bags (12.5mm)
- 1 Edge rope roller.
- 4 Class III Harnesses
- Various lengths of webbing and edge protection.

Swiftwater Gear Three (3) Swiftwater Technicians

- 3 Stearns I-805 Swift Water dry suits.
- 3 NRS Extrasport Swift Water PFD's.
- 3 Pairs rock boots.
- 3 Protec Ace Wake Water Rescue Helmets.
- 3 Swim fins.

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AVON LAKE FIRE DEPARTMENT

DIVERS

- 13 DIVERS DIVE RESCUE 2
- 3 TRAINED SONAR OPERATORS

EQUIPMENT

- 6 WET SUITS
- 2 EXO COMMUNICATION 4 WIRE SURFACE WITH 150 FT. COM. ROPE
- 4 ICE RESCUE SUITS

ALARM RESPONSE 911 OR (440) 933-8305

AVON FIRE DEPARTMENT

DIVERS

- 2 SEACH & RESCUE
- 2 SONAR TRAINED OPERATORS

EQUIPMENT

- 6 SCUBA TANKS
- 3 DRY SUITS
- 3 FULL SETS DIVE EQUIPMENT
- 6 PFD TYPE III
- 1 12 FT. FLAT BOTTOM BOAT
- 3 WATER RESCUE ROPES 100 FT.
- 4 ICE RESCUE SUITS

ALARM RESPONSE 911 OR (440) 934-1222

COLUMBIA TOWNSHIP FIRE DEPARTMENT

DIVES

- 1 ADVANCED DIVER
- 2 OPEN WATER
- 2 TRAINED SONAR OPERATORS

EQUIPMENT

- 2 DRY SUITS COMPLETE
- 2 WET SUITS COMPLETE
- 6 SCUBA TANKS
- 3 GUMBY SUITS
- 6 PFD'S
- 1 EXO
- VARIOUS RESCUE ROPES
- AIR FILL STATION MOUNTED ON TRUCK

ALARM RESPONSE 911 OR (440) 323 1414 OR STATION 0600 HR.-1800 HR. MON-SUN. (440) 236-8812

**ELYRIA FIRE DEPARTMENT
DIVERS**

- 7 RESCUE DIVERS
- 7 ODNR ADVANCED WATER RESCUE
- 3 TRAINED SONAR OPERATORS

EQUIPMENT

- 1 12 FT. AVON INFLATABLE BOAT WITH 15 HP MOTOR
- 7 DRY & WET SUITS
- 2 GUMBY SUITS
- 4 SPARE SCUBA TANKS
- WATER RESCUE ROPES VARIOUS LENGHTS

**ALARM RESPONSE (440) 323-4814 CONTACT O.I.C. LT. TULK
EMERGENCY (440) 323-3307 OR 911**

**LORAIN POLICE DEPARTMENT
DIVERS**

- 5 RESCUE DIVERS
- 3 TRAINED SONAR OPERATORS

EQUIPMENT

- 5 SETS DIVE GEAR COMPLETE
- 1 BOAT
- 10 SPARE SCUBA TANKS
- UNDERWATER METAL DETECTOR
- UNDERWATER CAMERA
- LARGE LIFT BAGS

**ALARM RESPONSE, POLICE DISPATCH (440) 246-6000 OR 911
CONTACT RAY FARLEY OIC**

**NORTH RIDGEVILLE FIRE DEPARTMENT
DIVERS**

- 6 RESCUE DIVERS
- 2 TRAINED SONAR OPERATORS

EQUIPMENT

- 3 WET SUITS COMPLETE
- 2 DRY SUITS COMPLETE
- 6 SCUBA TANKS
- 2 EXO COMM. UNITS 150 FT. COMM. ROPE WITH SUFACE COMM.
- 16 FT. JON BOAT NO MOTOR NO TRAILER
- 10 FT. INFLATABLE RAFT SEA EAGLE
- 2 ICE RESCUE SUITS
- ROPES & RESCUE EQUIPMENT, VARIOUS LENGH & FITTINGS

CARABINEERS
PRESSIKS 8MM ROPE
2 FULL BODY HARNESS
4 SEATED BODY HARNESS
2 PELECAN FLOATS
2 DIVE LIGHTS
SKED BOARD

ALARM RESPONSE 911 OR (440) 327-4001

**SHEFFIELD TOWNSHIP FIRE AND RESCUE
DIVERS**

2 SEARCH AND RESCUE DIVERS ERDI 2
1 ADVANCED DIVER ERD SUPERVISOR
1 ERDI TENDER
3 TRAINED SONAR OPERATORS

EQUIPMENT

3 FULL SETS OF BCD GEAR
3 EXTRA SCUBA TANKS
1 UNDERWATER CAMERA
3 COMPLETE WETSUITS
2 PONY BOTTLES
HAND SEARCH LINES **ALARM RESPONSE 911 OR 440-277-4380**

**WELLINGTON FIRE DISTRICT
DIVERS**

4 RESCUE DIVERS ERDI 2
2 ERDI DIVE SUPERVISORS
2 ICE CERTIFIED DIVERS
LINE TENDERS
10 ODNR COLD WATER RESCUE PERSONNEL
12 DIVE RESCUE SWIFT WATER SPECIALISTS
6 TRAINED SONAR OPERATORS

EQUIPMENT

6 DRY SUITS
10 WET SUITS
9 ICE RESCUE SUITS
4 SETS OF SCUBA GEAR
4 SPARE SCUBA TANKS
HAND SEARCH LINES
ROPE THROW BAGS
SWIFT WATER RESCUE HIGH LINE AND CONTROL LINES
VARIOUS PULLEYS AND RIGGING EQUIPMENT
RESQUMAX LINE LAUNCHER
12 FT. ZODIAC BOAT
14 FT. ZODIAC BOAT WITH 25 HP MOTOR

**MAKO 6000# COMPRESSOR WITH FILL STATION
MOBILE CASCADE SYSTEM
7,500 WATT PORTABLE GENERATOR CARRIED ON OUR 24' WATER RESOURCE TRAILER
SIX WHEEL DRIVE ARGO ORV
ALARM RESPONSE 911 OR (440) 647-3456**

**BRECKSVILLE FIRE DEPARTMENT
EQUIPMENT:
UNDERWATER SONAR UNIT
CONTACT STRONGSVILLE DISPATCH: 440-580-3230**

**CUYAHOGA FALLS FIRE DEPARTMENT
EQUIPMENT:
UNDERWATER SONAR UNIT CONTACT: 330-971-8400**

**EMERGENCY NOTIFICATION LIST
DIVISION OF WATERCRAFT
Cleveland Field Office**

In the event you are notified of a boating emergency (i.e. boating fatality or serious injury, boating collision and/or request from an outside Law Enforcement agency) which requires attention within the boundaries of the Cleveland Field Office (**Counties-Cuyahoga and Lorain and the adjacent waters of Lake Erie**) we request you immediately contact this office utilizing the following priority list:

1. During normal business hours (M-F 8 a.m. to 5 p.m.)-phone **(216) 361-1212.**
2. **If after normal business hours, call the ODNR Communication Center at 1-877-636-7287.**
3. If after normal business hours, and unable to contact the ODNR Communication Center, call the following in priority order:

Verizon Cell # with

	Name	Radio	Phone#	text messaging capability
1.)	Dan Fuller (Area Supervisor)	4210	(330) 723-6976	(216) 337-2841
	<i>If not available then...</i>			
2.)	Adam Prokop (Region Manager)	4200	(330) 334-3054	(216) 287-1226
	<i>If not available then...</i>			
3.)	Chuck Stiver	4211	(330) 625-2005	(216) 337-2906
	<i>If not available then...</i>			
4.)	Rich McCullough	4214	(440) 942-3280	(216) 337-4746
	<i>If not available then...</i>			
5.)	Blaine Downing	4216	(216) 973-6321	(216) 337-6037
	<i>If not available then...</i>			
6.)	Margaret Brown	4217	(440) 466-0779	(216) 337-5663
	<i>If not available then...</i>			
7.)	Tammy Vanderwall	4215	(330) 484-0815	(216) 337-7803
	<i>If not available then...</i>			
8.)	Ryan Futo	4212	(216) 970-3955	(216) 337-5683

Date of last revision: March 1, 2009

****Please keep these numbers confidential and destroy all previous callout lists.****

APPENDICES C.

Lorain County Dive Team

Education Requirements

Tender:

This classification indicates that the individual has basic knowledge of diving theories, equipment, underwater physiology, under-water physics, and has been departmentally trained specifically for tending a diver and dive teams.

Diver:

This classification indicates that the diver holds at least an advanced open water certification from any agency and has good basic skills and knowledge. This also indicates that the diver has had an orientation into public service, team policies and protocols, and local job-related hazards to the extent that he or she can participate in team activities.

Rescue Diver:

This classification indicates that the diver holds at least an advanced certification, and holds one or more of the following credentials, PSD (Public Safety Diving), ERDI (Emergency Response Diving International), IANTD (International Association Nitrox & Technical Divers) and Dive Rescue International, from any agency and is adequately proficient at tasks related to diving and is qualified to do most jobs on the team. In optimum conditions their ideal position would be as stand-by diver.

Ice Diver:

In addition to the Rescue Diver classification, this classification indicates that the diver holds credentials pertaining to cold water diving and under the ice diving from any agency.

Diving Supervisor:

Diving supervisors must have received formal dive rescue training and must be knowledgeable, accomplished divers proficient at tasks related to diving and maintaining supervisory control over dive team operations. Diving supervisors are qualified to fill any position on a scene.

Sonar Operators:

This classification indicates that the individual has received formal training from the sonar manufacturer and successfully passed the requirements to be able to set-up and operate the equipment.

Revised Jan. 2010

APPENDICES D.

LORAIN COUNTY DIVE TEAM RAPID FIELD NEUROLOGICAL EXAM

DIVER'S NAME: _____ DATE: _____

EXAMINER: _____

Time						
	YES	NO	YES	NO	YES	NO
1. MENTAL STATUS						
A. NAME						
B. PLACE						
C. SITUATION						
D. TIME						
E. IS SPEECH CLEAR						
2. VISION						
A. CLEAR						
B. NYSTAGMUS ABSENT						
3. FACIAL MOVEMENTS						
A. TEETH CLENCH OK						
B. ABLE TO WRINKLE FOREHEAD						
C. TONGUE MOVES IN ALL DIRECTIONS						
D. SMILE SYMMETRICAL						
4. HEAD/SHOULDER MOVEMENT						
A. ADAMS APPLE MOVES						
B. SHOULDER SHRUG EQUAL						
C. HEAD MOVEMENTS NORMAL						
5. HEARING						
A. NORMAL FOR THAT DIVER						
B. EQUAL BOTH EARS						
6. SENSATIONS						
A. HEAD						
B. CHEST						
C. ABDOMEN						
D. UPPER EXTREMITIES						
E. BACK						
F. LOWER EXTREMITIES						
7. MUSCLE TONE NORMAL SYMMETRICAL						
A. ARMS						
B. HAND GRIPS						
C. LEGS						
D. FEET						
8. BALANCE COORDINATION						
A. ROMBERG OK						
B. STEADY GAIT						
C. ALTERNATING HAND MOVEMENTS						
9. VITAL SIGNS OK						

COMMENTS:

APPENDICES F

LORAIN COUNTY DIVE TEAM RAPID SITE LOG

DATE: _____ TRAINING RESCUE/RECOVERY

LOCATION: _____

OBJECTIVE: _____

NAME	Pre-Dive				Post-Dive			
	Tank Size	Tank PSI	Planned Depth	Time In	Time Out	Total Time	Tank PSI	Max Depth
1.								
2.								
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								
11.								
12.								
13.								
14.								
15.								
16.								
17.								
18.								
19.								
20.								

DEPARTMENT NAME: LC FIRE & PD DEPARTMENTS	BOX ALARM TYPE: LORAIN COUNTY DIVE TEAM RESCUE/RECOVERY	EFFECTIVE DATE: 03-25-2010	MABAS DIVISION: LORAIN
BOX ALARM #: 2830	LOCATION OR AREA: LORAIN COUNTY & SURROUNDING MUTUAL COMMUNITIES	AUTHORIZED SIGNATURE: Lorain County Fire Chiefs' Association & LCDT	

LOCAL DISPATCH AREA:

ALARM	ENGINES	RESCUE	BOATS	EMS	DIVE/TECHS/TEAMS	CHIEFS	SPEC EQUIP	CHG/QUARTERS (STA #)
STILL		TBD BY LOCAL FIRE DEPARTMENT	TBD BY LOCAL FIRE DEPARTMENT	LOCAL ALS UNIT MUST BE ON SCENE FOR DIVERS	TBD BY LOCAL FIRE DEPARTMENT	LOCAL COMMAND		TBD BY LOCAL FIRE DEPARTMENT
				A SEPARATE ALS SQUAD SHOULD BE CONSIDERED FOR CIVILIANS				

MABAS BOX ALARM:

ALARM	ENGINES	RESCUE	BOATS	EMS	TECH/TEAMS	CHIEFS	SPEC EQUIP	CHG/QUARTERS (STA #)
1 ST					AMHERST AVON COLUMBIA SHEFFIELD TWP WELLINGTON		MOBILE COMMAND TRUCK AUTOMATIC RESPONSE LC SONAR EQUIPMENT	TBD BY LOCAL FIRE DEPARTMENT
2 ND					AVON LAKE AVON PD ELYRIA LORAIN PD NORTH RIDGVILLE SHEFFIELD LAKE	IMAT TEAM		
3 RD							CONTACT STRONGSVILLE FD FOR SONAR EQUIPMENT 440-580-3230	

INFORMATION: CERTIFIED DIVER (S) AND EQUIPMENT RESPOND DIRECTLY TO THE PRE-DETERMINED STAGING AREA PER INCIDENT COMMAND. REQUESTING AGENCY ASK 911 TO ASSIGN TACTICAL CHANNEL FOR OPERATIONS.