

KYEM Dive Team Committee Overview of Accomplishments



UNDERWATER RESCUE/RECOVERY TEAM ORGANIZATION

***Level 1-** Dragging operations (Non-Diver)
Recommended Side Scan Sonar Operations

Level 2-Basic “Open Water” SCUBA Certification
Basic Gear
Tethered diver
Line signals, (Non-verbal communication)
Basic search and recovery techniques

Level 3- (Meeting Level 2 requirements)
Full Face Mask (certification)
Drysuit (certification)
Verbal Communications between diver and surface and backup line communication
Public Safety Diver Certification
Independent back-up air supply

*A team concept consist of a minimum of 3 qualified and trained divers while recommending initial and annual fit for diving medical evaluations or equivalent, based on your national curriculum.

*You do not have to be Level 1 to advance to next levels. Dive operations start at level 2. Levels 2-5 are progressive.

Level 4- (Meeting level 3 requirements)
Surface Supplied Air and/or Redundant Air Supply (certification)
Advanced training inclusive to but not limited to:

I.E.:
Deep Dive
Mixed Gas
Hard Hat
Advanced public safety diving course
Evidence Collection
Boat based operations

Level 5- (Meeting Level 4 requirements)
Hazardous Materials/Environmental Operations
Fully Encapsulated HAZMAT Drysuit
Advanced training inclusive to but not limited to:

I.E.:
Vehicle Recovery
Cold water/ice operations

*Level 1 and 2 are not recommended for public safety dive operations. This should be viewed as a stepping stone for level 3 or greater dive teams.

INDIVIDUAL DIVER TRAINING

Matrix

Basic Open Water Dive Certification (nationally recognized organizations or equivalents)

Public Safety Diver Certification (nationally recognized organizations or equivalents)

Specialty Certifications (if you have specialized equipment)

- Dry suit

- Full Face Mask

- Supplied Air Systems

Medical Training

- Maintain Basic Life Support CPR or Higher (*example First Responder, EMT, EMT-P*)

National Incident Management System

- NIMS 100, 200, 700 and 800

RECOMMENDED DIVER TRAINING

Swift water Awareness
Hazardous Materials Awareness
Drowning reconstruction
Witness Interviewing
Dive Tender
Dive Supervisor
Boat Operator
Disentanglement procedures
Out of air emergencies (buddy breathing, alternate air sources)
Search tactics
Entry/exit procedures
Rapid boat retrieval
Decontamination
Electronic Equipment (if your team has advanced equipment training must be obtained)
Side scan sonar
Sector sonar
Remote Operated Vehicles
Blue view sonar
Diving in Contaminated Water
Diving in Current
Lifting
Vehicle recovery
Evidence collection
Homeland Security
Hazmat Dive Operations

DIVER/TEAM MINIMUM EQUIPMENT

AIR SUPPLY Per Team	THERMAL PROTECTION Per Diver	ACCESSORIES Per Diver	Team Equipment
3-Regulator, Octopus, SPG w/compass OR 3-Full Face Mask with Backup Regulator, SPG w/ compass OR Surface Supplied Air System	Wetsuit, Booties, Hood, Gloves OR Dive Dry suit, Hood, Gloves, Thermal Liner	<ul style="list-style-type: none"> • Knife Dive • Dive Chest Harness • Trauma Sheers and Blunt Tip • Weighted Belt/integrated weight system in BC • Diving Fins • Spare Mask 	<ul style="list-style-type: none"> • Dive Flags • Surface buoys • Flashlights- waterproof • PFD's • Tending dive ropes- 2 • Rescue Throw bags • First aid kit with O₂ and AED
3-Buoyancy Compensators			
6-80 cuft tank			
3-Independent Back Up Air Source min 30cuft Tank			

Dive Team References

Authority Having Jurisdiction (AHJ) should develop team SOG/SOP's to include, but not be limited to, the below stated standards/best practices for their specific disciplines.

- OSHA 1910 Subpart T
- NFPA 1670 Standard on Operations and Training for Technical Search and Rescue Incidents
- NFPA 1006 Standard for Technical Rescuer Professional Qualifications

Dive Team Requirements

- A Specialized Rescue Squad in compliance shall comply with KRS 39F
- Compliancy shall be applicable with KAR's and KRS's in regards to Grant Processes and award expenditures

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