

## CITY OF ALAMEDA

### Memorandum

To: Honorable Mayor and  
Members of the City Council

From: John A. Russo  
City Manager

Date: July 5, 2011

Re: Receive an Operational Update on the Fire Department's Water Rescue,  
Commercial Inspection, and Senior Safety Programs

### BACKGROUND

Budget considerations have played a vital factor in the current status of the Fire Department's Water Rescue, Commercial Inspection, and Senior Safety programs. Traditional service delivery methods of these programs are no longer accessible or efficient. In order to provide these beneficial services to the community, the Fire Department must revise its approach while taking into account available personnel and financial resources. Additionally, the Department needs to look at partnerships within the community and with other agencies to develop and implement these programs successfully.

### DISCUSSION

**Water Rescue:** The Alameda Fire Department Water Rescue/Fireboat Program was formally initiated in the late 1990's after being identified as a high-priority discipline for the City. The program was developed to include rescue swimmers, boat operators and crew members as a comprehensive plan for incidents involving rescues or fires in the waterways surrounding Alameda. Standardized, regular training was a vital function in keeping firefighters assigned to this program and certified in their roles.

In FY08-09, the Fire Chief made a recommendation to eliminate this program due to lack of adequate funding for necessary boat repairs and overtime expenses. Subsequently, both the fire boat and rescue boat were placed out of service, and the training for the rescue swimmers lagged behind the necessary certification requirement. The Division Chief assigned to oversee the rescue swimmer program did not follow through to ensure that the funding and training were coordinated. Eventually the program was deactivated.

It would be an understatement to declare this deactivation an error. With Alameda's beaches, recreational water activities, and marinas, there is no doubt that this type of service is a priority for the community. The City must have an effective and resourceful method of responding to water-related incidents. Consequently, the Fire Department

has taken and is taking concrete action to once again provide residents with water rescue service.

The certification of 20 water rescue swimmers has been completed. That certification consisted of 16 hours of training in the classroom and the water with rescue equipment. The Fire Department also has one firefighter certified as a rescue swimmer trainer. The Department is targeting an additional 16 rescue swimmers for certification and two more trainers in the next fiscal year. This will allow a satisfactory deployment of swimmers across each of the three duty shifts and a trainer on each shift as well. Having on-shift trainers will allow the Department to reduce costs for maintaining certification.

The Water Rescue Program will be operational on or before September 1, 2011. The Department recently finalized the purchase of a 14-foot inflatable boat with an outboard motor, trailer, and equipment. This summer the Department will train boat operators in the handling of this vessel. Once training is complete, the boat will be kept at Fire Station One, ready for rapid deployment to any point in the city within 15 minutes from initial response. Currently, the Department uses a utility truck as a tow vehicle; future plans include the purchase of a dedicated vehicle outfitted with water rescue equipment ready at all times for response. This boat will be covered when not in use and requires little maintenance.

General Orders Bulletin 1-46, Water Rescue Operations, which is attached, will be updated to reflect the changes to the program. A complete, standardized training regimen will be included in this plan and will involve periodic exercises with the Alameda Police Department, the Coast Guard, and other agencies.

**Commercial Inspections:** The commercial fire inspection program has been largely dormant for more than two years. This coincided with the decision to eliminate several positions in the Fire Prevention Bureau. Inspection programs are vital and accomplish several functions:

- Protect businesses by identifying hazardous conditions
- Provide a valuable community service
- Allow fire companies to pre-plan for emergencies
- Increase General Fund revenue
- Assist the Finance Department with business license documentation

Currently, the only commercial inspections being conducted in the City are by firefighters assigned to light duty because of injuries that prevent them from performing their regular duties. This practice is sporadic and not a reliable method for consistent inspection practices. According to Fire Prevention records, there are 1,260 commercial units in the city. Based on an average inspection fee of \$124, reviving this program could generate \$156,240 in revenue for the General Fund. In FY10-11, \$55,000 in revenue was budgeted for this line item. As of May 2011, collections have only been approximately \$28,000 for FY10-11.

AFD will begin fire company inspections of commercial establishments throughout Alameda. Fire companies, i.e. engines and trucks, already conduct apartment house inspections on an annual basis. Due to a lack of apartment structures on Bay Farm Island, the Engine 4 company already conducts commercial inspections in that part of the city. Commercial inspection training will be completed by on-shift trainers, and the Department anticipates initiating the inspections in September 2011.

**Senior Safety Program:** The Senior Safety Program was established in 2010 as a community outreach hazard mitigation program for low-income senior citizens. The Program Coordinator's salary was included in the original grant from FEMA, which ended on December 31, 2010. When the FEMA grant expired, the Fire Department decided to fund the Program Coordinator through the Fire Department's existing budget. The funding for this position was eliminated in the FY11-12 budget.

The Senior Safety Program provides exceptional community service to Alameda senior citizens who qualify for the program. In FY10-11, the Program Coordinator visited more than 350 homes. During these visits, the Program Coordinator implemented safety plans to mitigate fall and fire hazards and distributed and installed smoke detectors, carbon monoxide detectors, night lights, and other safety devices. The supplies for this program were funded through grants from Home Depot and the City's Community Development Block Grant (CDBG). These funds will still be available for supplies in FY11-12. However, without a Program Coordinator, the Fire Department has no capability at this time of providing the service.

Discussions are ongoing to develop a partnership which includes the Fire Department, the Community Development Department, the Mastick Senior Center, and several community groups in an effort to keep this program active.

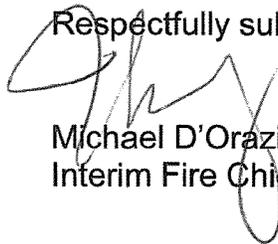
#### FINANCIAL IMPACT

There is no financial impact associated with this update. The Fire Department utilized existing funding to train the rescue swimmers and purchase the small inflatable boat.

#### RECOMMENDATION

Accept this report on the operational update of the Fire Department Water Rescue, Commercial Inspection, and Senior Safety Programs.

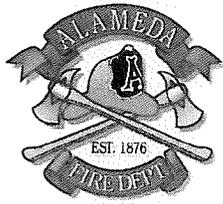
Respectfully submitted,



Michael D'Orazi  
Interim Fire Chief

Exhibit:

1. General Order Bulletin 1-46, Water Rescue Operations

	<b>Subject:</b> Water Rescue Operations	<b>Policy Number</b> GOB 1-46
	<b>Approved By:</b> Fire Chief James Christiansen	<b>Page</b> 1 of 15
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**PURPOSE:** To provide standard operating procedures for the following situations.

1. Water rescue incidents occurring in the estuary, pools, lagoons and bay waters surrounding the city limits of Alameda.
2. Rescue activities in response to imminent dangers and natural disasters consistent with EOP of Alameda, and when available for Mutual Aid response.

**RESPONSIBILITY:** It is the responsibility of all members to understand and adhere to the safety guidelines set forth during water related activities.

**POLICY:** The intent of this policy is to provide operational guidelines for water rescue personnel during the following emergency and non-emergency situations:

Rescue of persons in the water

Vessel taking on water

Vessel in need of towing to safe haven

Medical calls for assistance while on a vessel underway

Miscellaneous distress calls from a vessel

**AUTHOR:** The Fireboat/Water Rescue Committee under the auspices of the Alameda Fire Labor Management Team (F.L.M.T).

**AUTHORITY:** The California Emergency Plan, in accordance with the California Emergency Services Act, provides authorities and responsibilities, and describes the functions and operations of all levels of government during extraordinary emergencies. As an extension of the California Emergency Plan, the County of Alameda.

Under the City of Alameda Multi-Hazard Functional Plan for Emergency Operations, the Fire Department is given primary responsibility for all surface water rescue operations within the city limits of Alameda.

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The Fire Department is required by the Emergency Operations Plan to maintain written operational plans for response to extraordinary emergency situations associated with natural disasters.

## 1. INTRODUCTION

### 1.1 Background:

The Alameda Fire Department Water Rescue Program includes three elements. First is the use of Shore Based Water Rescue techniques. Second is the use of Boat-based Water Rescue techniques using a Rigid Hull Inflatable Boat. The third element is the implementation of Rescue Swimmers with Rescue Boards. These elements will be described in detail later in this policy.

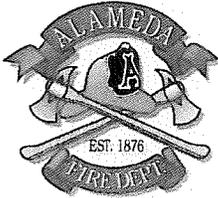
Shore and Water-based Firefighting operations will be addressed in a separate policy.

## 2. Definitions:

2.1 Rescue Boat Crewmember: Any fire department member trained and certified by the Fire Department Training Division to the Water Rescue Operational level who will be assigned the rescue boat during non-emergency and emergency situations. The members are responsible for the following duties:

- Assist the Boat Operator to safely navigate and operate the boat.
- Perform the duties of a Boat Operator if s/he becomes incapacitated.
- Operate all rescue equipment and perform boat-based rescues only.
- Perform water-based rescue(s) *only* during emergent life safety situations to assist and/or help a Rescue Swimmer.

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2.2 Boat Operator: Any fire department member trained and certified, by the Fire Department Training Division to the Water Rescue Operational level who will be assigned to operate the rescue boat during non-emergency and emergency situations. These members are responsible for the following duties:

- Provide for the safety of their crew and any other person embarked on the boat while safely operating and navigating the rescue boat.
- Familiarization with all marinas and waterways surrounding the city of Alameda.
- Familiarization with local tides and currents and their affect on rescue operations.
- Familiarization with the Weekly Notice to Mariners issued by the U.S. Coast Guard.
- Train members to be qualified Crewmembers.

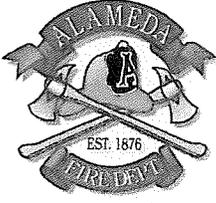
2.3 Water Rescue Swimmer: Any member trained and certified by the Fire Department Training Division, who will be assigned to perform water-based rescue operations from the shore or rescue boat during non-emergency and emergency situations. The members are responsible for the following duties:

- Utilize rescue devices such as rescue boards, throw bags, torpedo buoys and any other means necessary to effect a rescue.

2.4 Land-based Water Rescue: A level of training provided by the Fire Department Training Division that allows a department member to perform within a given scope of practice during a water rescue emergency. All line personnel will be trained to this level. Land-based Water Rescue level members are responsible for the following:

- Assist in a water rescue incident from shore.
- Personal Flotation Devices must be worn within 15 feet of the water.
- Provide support to Rescue Swimmers

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### 3. Roles and Responsibilities

#### 3.1 Incident Commander. Responsibilities include:

- Taking command of the incident
- Overall scene management.
- Requesting and assigning additional resources if needed.
- Coordinate with outside agencies for emergency operations
- Taking necessary action to prevent further injury and or loss of life in accordance with this instruction and Fire Department Policy.

#### 3.2 Incident Safety Officer. Responsibilities include:

- Identifying and evaluating hazardous situations.
- Providing direction to the Incident Commander regarding the safety of operations.
- Authority to stop any unsafe actions and provide corrective action as needed.

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3.3 Captains. Responsibilities include:

- Responsible for the initial size-up and establishing Command.
- Provides for the safety of all personnel on the boat.
- Ensure an effective water rescue can be accomplished based on current weather and operational conditions.

3.4 Boat Operator. Responsibilities include:

- The safe operation of the boat
- Ensuring all members on board their vessel abide by all current policies

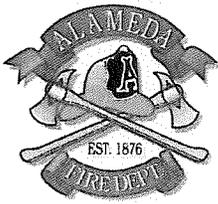
3.5 Crew Member. Responsibilities include:

- Knowledge in the use of all rescue equipment carried on the boat.
- Performing basic boat operations leading up to and including ability to operate the boat if needed.

3.6 The Alameda County Sheriff's Department. Responsible for:

- Perform body recovery.
- *Under no circumstances will fire department personnel be used for body recovery.*

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## 4. POLICY

A. For a reported person in the water a full response will be utilized (see GOB 1-2). If units initially responding do not have the appropriate resources, ie: two Rescue Swimmers, two Paramedics with an Ambulance, etc. Additional resources may need to be ordered. The intended use for the assignment will be as follows:

1<sup>st</sup> engine      Water Rescue Swimmer on Rescue board.

The first engine on scene will have the Rescue Swimmer suit up and have his/her rescue board available for deployment. It is preferred to have two Rescue Swimmers on shore before a rescue is attempted. However, Rescue Swimmer may start to paddle out if a second Rescue Swimmer is confirmed enroute. This decision will be made by the Rescue Swimmer after he/she makes a full risk assessment of the situation.

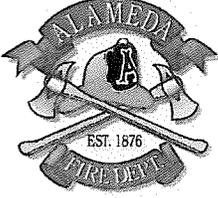
2<sup>nd</sup> engine      Back up Rescue Swimmer on board

The second Rescue Swimmer will normally be deployed from shore. However, if the Rescue Boat is used, a Swimmer deployed from the boat will count as the second Swimmer on scene.

2743              Staff Rescue boat

If it is clear that a boat-based rescue is a possibility, the Rescue Boat will be deployed. Normally this boat will be staffed by the crew from 2743. Members on the Rescue Boat must ensure they are in constant communications with command and any other vessels that may have been dispatched such as Coast Guard, Commercial Salvors, etc. If 2743 is unavailable, a second Boat Operator must be identified to staff the Rescue Boat. If no qualified Boat Operator is available, the Rescue Boat will not be staffed.

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Truck            Crowd control, scene safety, lookout

During a water rescue incident, it is very difficult to locate persons from shore. The Truck Company will raise their aerial and the Firefighter will climb the aerial and attempt to locate the victim. Persons should not use white lights for searching since this affects a person's night vision and may cause further delay in locating a victim. Persons should use red or blue lamps to signal Rescue Swimmers as to what direction to move once a victim is located. The Truck Company Captain will act as the Safety Officer and the Apparatus Operator will act as the accountability officer.

Members acting as the Safety Officer at a water rescue incident will need to be able to readily assess pertinent hazards and any corrective actions that may be needed. All Officers and Acting Officers shall receive this training

Ambulance    Provide medical care

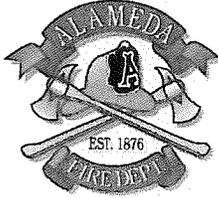
The ambulance will respond to the scene to provide medical care to the victims. The Ambulance crew should be close to the entry point of the Rescue Swimmers to facilitate a rapid assessment of the patient.

2710            Incident command

The Duty Chief will assume command of the incident upon arrival after a transfer of command from the first company on scene (if applicable). The Duty Chief will assess the situation and request additional resources if needed. Other resources may include Coast Guard, East Bay Parks or Alameda County Sheriffs. Command will request additional resources via dispatch.

For a person in the water for which units have a visual sighting, the Coast Guard will send a vessel if available. If a search for a victim is warranted, the Coast Guard will send a Helicopter if available. The Coast Guard Station that will normally respond to Alameda is Station San Francisco located at Yerba Buena Island. That station may be contacted at (415) 399-3478 or Marine Channel 21A. Duty Chiefs or Captains may also contact the Coast Guard Group San Francisco Command Center, (the parent command of Station San Francisco and all Coast Guard Search and Rescue Stations in the Bay Area) directly at (415) 399-3451 or via Marine Channel 16.

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## 5. PROCEDURES

5.1 Strategic Priorities in dealing with a Water Rescue incident are as followed:

- Protection of rescuer life
- Protection of victim life
- Protection of the environment
- Protection of property and equipment.

### 5.2 Tactical Considerations

#### 5.2.1 Search for victims

- Utilize all available resources
- Conduct search from shore when possible
- Utilize boat to search if appropriate
- Utilize other resources such as Coast Guard or Police for traffic control

#### 5.2.2 Rescue of Victims

- Attempt shore-based rescues (throw, row only then go)
- Rescue Board based rescues
- Boat-based rescues
- Swimming rescue by Rescue Swimmer (only as a last resort)

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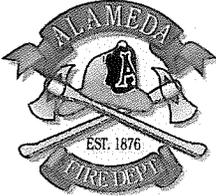
## 6. SAFETY

### 6.1. Entering the Water

6.1.1 Personnel shall conduct rescue operations from the shore or a boat, when ever possible. Firefighters shall not enter the water except as a last resort to save lives. The decision to enter the water for any operation should be made by the highest trained personnel for water related incidents at the scene. The following factors shall be considered:

- a. The potential danger to personnel. Firefighters shall not enter the water unless trained at or above the Rescue Swimmer level.
- b. The ability of personnel to operate in the water with a reasonable margin of safety.
- c. No personnel are to be within fifteen (15) feet of the shoreline without proper personal protective equipment.
- d. The ability of the Incident Commander or Company Officer to insure backup rescue capabilities for firefighters in the water.
- e. The importance of the objective (are lives endangered ?) Rescuers shall not be placed in life-threatening situations for body recovery.
- f. The potential for successful conclusion (can the objective be accomplished, or is it a no-win situation ?)
- g. Rescuers shall not enter the water if conditions require safety equipment, which is not available.
- h. The primary rescuers shall have the authority to stop any rescue operation if they think the operation is unsafe to the rescuers or the victims.

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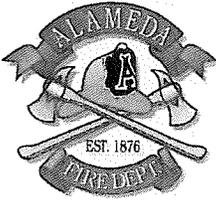
## 6.2 Hazardous Operations

6.2.1 When obvious hazards exist, personnel shall not be placed in vulnerable positions unless necessary to save lives. The following are examples of operations that shall not be conducted if personnel will be exposed to unreasonable life hazards:

- a. Body or Property Recovery. Under no circumstances are lives to be risked for the purpose of body recovery or any other activity not essential for protection of life.
- b. Firefighting operations on waterfront structures or adjacent to moving water where no lives are threatened and where personnel are excessively vulnerable to falling in the water with full turnouts, SCBA, etc. See separate policy for more information.
- c. Ropes: No ropes shall be tied around the waist, torso, or any other part of the rescuers body when the rescuer is exposed to moving water.
- d. Vessel Operations: Operating near persons in the water with turning props is especially dangerous. Boat Operators must maintain eye contact with all persons in the water anytime a rescue vessel is used.

In addition, due to the hazardous nature of the conditions outside the Golden Gate Bridge, operators may not maneuver any vessel outside of the Golden Gate Bridge without approval from a Chief Officer.

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## 6.2.2 Downcurrent Safety:

A Downcurrent Safety position shall be established at all sites for the protection of rescuers and victims, and whenever personnel are attempting rescue in moving water, or when they are vulnerable to falling in accidentally. The downcurrent safety position should:

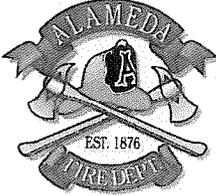
- a. Be positioned downcurrent of the rescue site with proper equipment (i.e. float bags, etc.) and be in an advantageous position to observe operations.
- b. Be prepared with trained technician personnel to attempt rescue if a firefighter or victim is swept past the upcurrent rescue point.
- c. Receive backup support from downcurrent safety positions whenever possible.

## 6.2.3 Upcurrent Safety/Lookout:

An Upcurrent Safety/Lookout position shall always be established at all water related incidents to warn of approaching vessels or dangerous debris in the water which put rescuers and victims at risk. The Upcurrent Safety/Lookout shall be used whenever personnel are attempting rescue in moving water. The Upcurrent Safety/Lookout should:

- a. Be upcurrent of the rescue site with proper safety equipment and in an advantageous position to observe dangerous debris and on coming vessels.
- b. Be positioned far enough upcurrent of the rescue site to allow adequate warning of dangerous debris in the water (to assure that personnel and the victim can be protected or move out of the way).
- c. Have adequate communications to warn personnel working downcurrent of dangerous debris.

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## 6.2.4 Prohibited Items:

Personal safety equipment designed for fire fighting is not safe to wear near moving water. When working in a position where personnel may slip or fall into moving water, the following items shall not be worn unless such items are required for fire fighting or other specific hazards.

- a. Turnout Coats and Pants
- b. Self-Contained Breathing Apparatus

## 6.2.5 Safety Equipment:

Personnel shall use appropriate safety equipment when available.

### A. Head Protection:

Personnel in support positions shall wear rescue helmets for any swift water rescue and whenever there is danger of head injury.

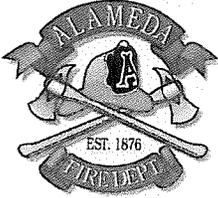
Personnel in the water shall wear rescue helmets for any swift water rescue.

### B. Foot Protection:

#### Out of the Water:

- a. Work boots and Turnout Boots (without turnout pants) are acceptable for personnel in support positions on land.
- b. The use of athletic shoes is acceptable.

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## In the Water:

- a. Work boots and Turnout Boots are considered dangerous because they impede the rescuer's ability to swim. This is especially true in deep or swift-moving water.
- b. Athletic shoes are recommended.
- c. Footwear may be removed or personnel may wear fins, running shoes or wetsuit booties with protective soles.
- d. Decisions relating to footwear shall be left to the discretion of the rescue team.

## 7.0 Training

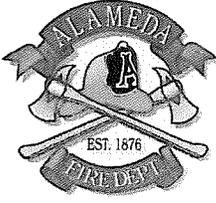
### 7.1 Qualification Process:

For Rescue Swimmer, Boat Operator and Boat Crewmember, a written sign-off procedure with specific tasks will be completed prior to a member being qualified. These qualification Sign-off documents are included as appendix A, B and C.

The Training Division will make the final determination to a member being qualified and will send correspondence to the member's Duty Chief to change the member's qualification status in Telestaff.

For Shore-Based Water Rescue/ Awareness Level trained members, a record of the training will be documented on a T-3 form and provided to the Training Division. All members shall receive Shore-Based training each year.

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## 7. 2 Refresher Training Requirements:

Members who are involved in the Water Rescue Program must have documented refresher training each Quarter. The requirements for each qualification is as follows.

### Rescue Swimmers:

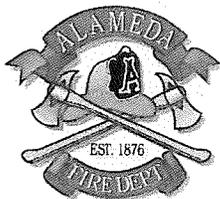
24 hours in the water swimming training per year. This number is based on an average of 6 hours per quarter. 12 Hours of this training must be completed using the Rescue Boards. 4 hours of the training must be night operations. A night drill may count as night operations.

### Boat Operators:

48 hours training per year. This number is based on an average of twelve hours per quarter. 36 hours of this training must be completed underway. four hours of the underway training must be night operations. A night drill may count as night operations. The balance of the training hours may be accomplished by navigation or other related training.

### Boat Crewmembers

24 hours training per year. This number is based on an average of six hours per quarter. twelve hours of this training must be completed underway. The balance of the training hours may be accomplished by navigation or other related training.



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<b>Refer To:</b> Captain Pat Paich	<b>Effective Date:</b> January 8, 2003
<b>Policy Review Date:</b>	<b>Revised Date:</b>

### Land-Based Water Rescue

8 hours training per year. This number is based on an average of two hours per quarter. two hours of this training shall be as a structured drill once a year. The balance of the training hours may be accomplished by in house use of equipment or other related training.

#### 7. 3 Remedial Training Requirements:

For members who have not completed the required refresher training, the Water Rescue Committee and the Training Division will decide what training must be accomplished for the member to stay certified and a date for completion. If the member is unable to complete the training in the prescribed time period, the member's status will be changed in Telestaff until the member has completed the training. After a member has let his/her qualification lapse, a new certification letter must be sent by the Training Division to the member's Division Chief once they are re-qualified.

Appendix A. Boat Operator Qualification Sign-off

Appendix B. Boat Crewmember Qualification Sign-off

Appendix C. Rescue Swimmer Qualification Sign-off

**BOAT OPERATOR QUALIFICATION  
SIGN-OFF LOG**

Name: \_\_\_\_\_

Instructor      Date  
Initials

- |       |       |  |
|-------|-------|--|
| _____ | _____ | 1. Identify major boat components.   |
| _____ | _____ | 2. Locate and demonstrate use of all equipment.  |
| _____ | _____ | 3. Operate trim tabs and outboard drive (RHIB ONLY)  |
| _____ | _____ | 4. Demonstrate proper pre-underway checks.   |
| _____ | _____ | 5. Demonstrate use of all radios and correct channels for use.   |
| _____ | _____ | 6. Demonstrate proficiency in using boat trailer (RHIB ONLY)<br><i>may be waived for initial qualification</i> |
| _____ | _____ | 7. Review of Navigational Rules of The Road and chart terminology.   |
| _____ | _____ | 8. Demonstrate knowledge of operating at night including how to "read"<br>Navigation Lights.                   |
| _____ | _____ | 9. Participate in Person in the Water Drill as a boat operator.( EITHER VSL)                                   |
| _____ | _____ | 10. Demonstrate how to get underway from a pier and tie up to various berths.                                  |
| _____ | _____ | 11. Participate in alongside and stern tow evolutions. ( EITHER VSL)   |
| _____ | _____ | 12 Operate fire pump and associated equipment.   |
| _____ | _____ | 13 Complete Engine Casualty, Electrical Casualty,<br>Hitting Submerged Object and Grounding drills             |
| _____ | _____ | 14 Demonstrate how to flush outboard motor and trailer. (RHIB ONLY)  |
| _____ | _____ | 15 Demonstrate how to deploy the anchor with crew assistance.  |
| _____ | _____ | 16 Demonstrate how to perform daily, weekly and monthly checks.  |
| _____ | _____ | 17 Be able to provide crewmember instruction based on provided curriculum.                                     |

**FINAL QUALIFICATION CERTIFICATION BY TRAINING DIVISION**

**Training Division Representative** \_\_\_\_\_ **Date** \_\_\_\_\_

**BOAT CREWMEMBER QUALIFICATION  
SIGN-OFF LOG**

Name: \_\_\_\_\_

Instructor      Date  
Initials

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. Identify boat nomenclature.  |
| _____ | _____ | 2. Locate and demonstrate use of personal protective equipment.               |
| _____ | _____ | 3. Identify common nautical chart symbols and abbreviations.                  |
| _____ | _____ | 4. Identify navigational running lights.                                      |
| _____ | _____ | 5. Identify distress signals.   |
| _____ | _____ | 6. Locate, identify and demonstrate use of all equipment.                     |
| _____ | _____ | 7. Demonstrate how to tie a boat to a pier or other mooring                   |
| _____ | _____ | 8. Demonstrate how to operate Hydro-Hoist                                     |
| _____ | _____ | 9. Participate in Person in the Water Drill as a pointer and recovery person. |
| _____ | _____ | 10. Demonstrate lookout responsibilities.                                     |
| _____ | _____ | 11. Identify prominent landmarks used for navigation.                         |
| _____ | _____ | 12. Demonstrate use of marine band radios and correct channels for use.       |
| _____ | _____ | 13. Assist in alongside and stern tow evolution.                              |
| _____ | _____ | 14. Demonstrate how to flush outboard motor and trailer.                      |
| _____ | _____ | 15. Operate all fire pump related equipment                                   |
| _____ | _____ | 16. Deploy anchor under direction of a qualified Boat Operator                |
| _____ | _____ | 17. Identify Crewmember responsibilities.                                     |

**FINAL QUALIFICATION CERTIFICATION BY TRAINING DIVISION**

Training Division Representative \_\_\_\_\_ Date \_\_\_\_\_

**RESCUE SWIMMER QUALIFICATION  
SIGN-OFF LOG**

Name \_\_\_\_\_

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Instructor  
Initials

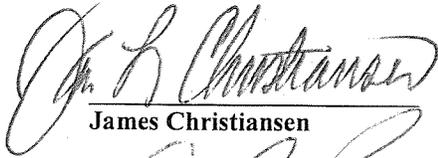
Date

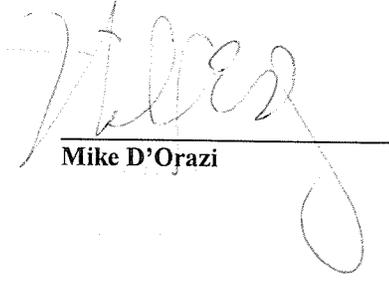
- |       |       |     |  |
|-------|-------|-----|--|
| _____ | _____ | 1   | Identify Signs of a person in distress in the water                                    |
| _____ | _____ | 2.  | Demonstrate safe entry into water from elevation                                       |
| _____ | _____ | 3.  | Demonstrate safe entry into water from shore   |
| _____ | _____ | 4.  | Demonstrate rescues using buoy and tube  |
| _____ | _____ | 5   | Demonstrate water entries using buoy and tube  |
| _____ | _____ | 6.  | Demonstrate how to search for submerged victims<br>(team operation and single rescuer) |
| _____ | _____ | 7.  | Demonstrate proper spinal immobilization techniques                                    |
| _____ | _____ | 8.  | Identify proper hand/flag signals for land-based rescuers                              |
| _____ | _____ | 9.  | Identify boat nomenclature   |
| _____ | _____ | 10. | Demonstrate proper entry into the Rescue Boat  |
| _____ | _____ | 11. | Demonstrate proper deployment from the Rescue Boat                                     |
| _____ | _____ | 12. | Demonstrate how to remove a victim from the water via the<br>Rescue Boat               |

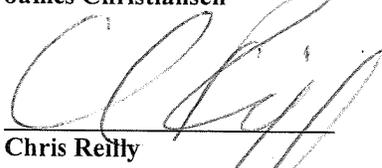
**FINAL QUALIFICATION CERTIFICATION BY TRAINING DIVISION**

Training Division Representative \_\_\_\_\_ Date \_\_\_\_\_

**Fire Labor Management Team**

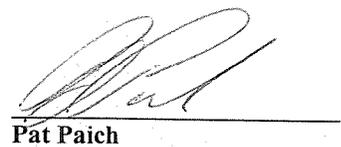
  
James Christiansen

  
Mike D'Orazi

  
Chris Reilly

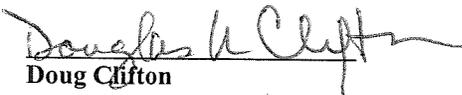
\_\_\_\_\_  
Dave Lee

  
Mike Fisher

  
Pat Paich

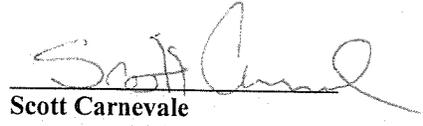
\_\_\_\_\_  
Corey Merrick

\_\_\_\_\_  
Dominick Weaver

  
Doug Clifton

\_\_\_\_\_  
Mark Sample

  
Mike Hoppe

  
Scott Carnevale

Requires three signatures from each group.