GUIDELINES & STANDARDS

GUIDELINE A.10 – Multiple Berthing and/or Rafting at Special Events

A.10.1 PURPOSE

The purpose of this guideline is to outline the requirements for multiple berthing and/or rafting of vessels in the harbor during special events.

A.10.2 SCOPE

NFPA 303 Marinas and Boatyards states: "Each berth shall be arranged such that a boat occupying the berth can be removed in an emergency without the necessity of moving other boats."

Newport Beach Municipal Code Title 17 Harbor Regulations states: "Every vessel lying at any pier in Newport Harbor shall be fastened thereto with such lines, at least from both bow and stern, and in such a manner as to assure the security of such vessel."

A.10.3 DEFINITIONS

MULTIPLE BERTHING
To moor vessels in a marina such that a vessel can not be readily removed in an emergency without the necessity of moving other vessels.

RAFTING
To moor with more than one boat tied together, usually using only one boat's anchor and line.

A.10.4 PROCEDURE

A permit application along with a site plan illustrating the layout of the vessels in the marina shall be submitted to the Life Safety Services Division. The application can be downloaded from the City's website:
http://www.city.newport-beach.ca.us/FMD/Permits/Permit%20Application.pdf.

Multiple berthing and/or rafting of vessels is not permitted without a 24-hour fire watch and approved dock fire protection.

Personnel conducting a FIRE WATCH shall:

1. Not be assigned to other duties other than fire watch.

2. Patrol the area every 30 minutes where an approved Special Event permit was issued allowing multiple berthing and/or rafting. If a facility can not be completely patrolled with this frequency, extra personnel shall be assigned to fire watch duties.

3. Maintain a log documenting fire watch activities. (See sample log at end of guideline.)

4. Be trained to notify occupants of the facility if the need to evacuate arises.

5. Be provided with communication equipment to notify 9-1-1 of a fire or emergency.

6. Have knowledge of the location and use of fire protection equipment, such as fire extinguishers.

DOCK FIRE PROTECTION shall be provided as follows:

1. Multiple berthing and/or rafting of vessels on docks <u>with</u> existing fire protection:

   - A 24-hour fire watch is required during the entire event.

   - Fire extinguishers are provided within 75 feet of travel and shall possess a current service tag.

   - Class II Standpipe System is available on the dock and has a valid five-year certification.

   - A portable fire pump/hose cart shall be provided at each finger float if the extent of multiple berthing and/or rafting of vessels are beyond the 100 feet of hose length provided in the standpipe hose cabinet.

2. Multiple berthing and/or rafting of vessels on docks <u>without</u> fire protection:

   - A 24-hour fire watch is required during the entire event.

- Fire extinguishers are provided within 75 feet of travel and shall possess a current service tag.

- Portable fire pump/hose carts shall be provided on the dock. One portable fire pump/hose cart shall be provided at each finger float.

PORTABLE FIRE PUMP/HOSE CARTS

Portable fire pump/hose carts are designed to be used by a single individual for early rapid fire suppression purposes.

In lieu of a Class II Standpipe System on the dock, the Fire Department allows the use of portable fire pump/hose carts. They may also be required in addition to an existing standpipe system depending on the arrangement of vessels in the harbor.

Since there is no known manufacturer of portable fire pump/hose carts, the following are requirements for their design and functionality:

- The fire pump/hose cart is to be a self contained, wheeled unit, capable of turning 360 degrees on a dock.

- The fire pump/hose cart is to contain a multi-purpose centrifugal, self-priming pump with a discharge capacity of not less than 100 gallons per minute and a discharge pressure of not less than 50 psi.

- The fire pump/hose cart shall contain not less than 100 feet of 1½ inch fire hose equipped with a nozzle having a discharge capacity of not less than 30 gallons per minute. The fire hose shall be connected to the portable fire pump at all times.

- The fire pump/hose cart shall be equipped and have the capacity to pump a minimum of five gallons of Class A, 1% foam solution through the fire pump.

- The fire pump/hose cart shall contain a portable fire extinguisher with a minimum rating of 2-A:20-B:C. The extinguisher shall possess a current service tag.

Newport Beach Fire Department
Life Safety Services Division
100 Civic Center Drive, Newport Beach, CA 92663
Phone (949) 644-3106 Fax (949) 644-3120

FIRE WATCH LOG

Address of Fire Watch: _____

Fire Watch Activation Date: _____ Time of Activation: _____

Fire Watch Deactivation Date: _____ Time of Deactivation: _____

Reason for Fire Watch: _____

Fire Department Personnel Issuing Fire Watch: _____

FIRE WATCH PERSONNEL

Name(s): _____

Employer Name: _____

Employer Address: _____

Patrol Time	Initial	Area Patrolled and Status	Corrections

Name: _____ Signature: _____ Date: _____