

This Month's "Working Fire" ...

Volume 95-11: November 1995
Approx. Program Length:

FIRELINE

High Angle Rescue North Syracuse, NY

Approx. Length: 5:35

The North Syracuse Volunteer Fire Department responded to a call for a tree trimmer stuck in a tree. He was caught upside down in his own ropes and safety harness, hanging by his ankles. But, that was the least of his problems. The tree branches were touching both electrical wires and his ladder and every time he swayed into his ladder he received a shock. The volunteers had never had to use their rope rescue equipment and, after receiving a double confirmation that the power was off, they set about their task of rescuing the man. Improvising and adapting the equipment you have and ensuring the safety of your personnel first are the two big elements of this segment. Discussion Topic: Describe how you could adapt existing equipment to meet your needs at the scene. For more information on this incident, contact: Chief Paul Linnertz, North Syracuse Fire Dept., 109 Chestnut St., North Syracuse, NY 13212. Or call: (315) 458-5345.

Strip Mall Arson Fire Jacksonville, FL

Approx. Length: 9:49

An arsonist has been torching several buildings in the Jacksonville area. This time it was a strip mall that was fully involved when firefighters arrived. Firefighters went from an offensive to defensive mode which required repositioning of apparatus and establishing a more sufficient water supply. This segment focuses on water supply, personnel safety and rehab. Discussion Topic: Determine who would be best suited to perform as a safety officer on-scene. For more information on this incident, contact: Captain Rob Sorensen, Video Dept., Jacksonville Training Academy, 2700 Firefighter Memorial Drive, Jacksonville, FL 32246. Or call: (904) 645-0124.

HANDS-ON

Marine Incident Response Part II: Assessment

Approx. Length: 6:33

Assistant Chief Ken Hines continues his three-part series on what you need to know if you're called to respond to a marine incident. In this second part, he reviews access and assessment of water-based structures and precautions you should take long before you get an incident. If you want more information on marine incident pre-planning, contact your local Coast Guard office. You can also contact Asst. Chief Hines at: 3700 Bray Ct., Columbia, MO 65203.

NOTE: This month's Enhanced Training Material coincides with Asst. Chief Ken Hines' segment on marine incidents. You'll find it included in your training materials.

This Month's "Working Fire"

Motorsports Safety, Part I Part I: Pre-Race Training

Approx. Length: 10:00

In the first of five segments on motorsports safety, Nancy Higgins takes you through the training that track safety crews receive before they respond at the Charlotte Motor Speedway. While these responders train for NASCAR events, it's important to note that the information contained in these segments can be adapted to apply at virtually any "Saturday Night" track. Most importantly, it should heighten your awareness of the importance of training for race track response. For more information on Motorsports Safety or the training contained in these segments, contact: Norrie Baird, Emergency Service Coordinator, Charlotte Motor Speedway, P.O. Box 600, Concord, NC 28026. Or call: (704) 455-3211.

FIRE MEDICS

EMS Bicycle Response Teams Chesterfield, MO

Approx. Length: 10:00

We've seen law enforcement use bicycles for patrol. More and more EMS agencies are using bikes for response in congested special event areas. This month, we look at how Chesterfield paramedics and EMTs packed up their bikes with BLS and ALS equipment to respond at a recent LPGA golf tournament. For more information on creating an EMS bike team, contact: Robin Echele, Chesterfield Fire Protection District, 15405 Olive Boulevard, Chesterfield, MO 63017. Or call: (314) 532-4571.

Burn Injury Dressings, Part II

Approx. Length: 7:05

Dr. William Monafo, a leading burn unit surgeon, continues the discussion on burn injuries this month with the appropriate dressing for burn victims. While many put wet dressings on victims to relieve their pain, Dr. Monafo says that's dangerous because bacteria thrive in wet environments. He says you're better off putting dry, sterile dressings on burns and transporting as soon as possible. Remember to follow all state and local protocols in your response to any ems call. If you'd like more information on appropriate burn dressings, contact Dr. Monafo at: #1 Barnes Hospital Plaza, Suite 6104, Queeny Tower, St. Louis, MO 63110. Or call: (314) 362-5298. *Please note that his availability is limited.*

UP TO CODE

Congressional Fire Services Institute

Approx. Length: 5:00

The Congressional Fire Services Institute is a non-profit organization existing to appraise the Fire Service about issues affecting them in the legislature. They can provide you with a list of pending legislation and help you get involved in the issues. They are not a lobbying group and want only to be used as a resource. Contact them: Congressional Fire Services Institute, 900 2nd St., NE, Suite 303, Washington D.C. 20002. Or call: (202) 371-1277.

Enhanced Training

Marine Incident Response, Part II

Objectives

Student objectives for this training session are:

1. Examine special requirements in unusual location fire preplanning
2. Explain importance of fire department knowledge base in preplanning.

Standards and Regulations

This training is compatible with NFPA Standard 1405, Land-based Firefighters Who Respond to Marine Vessel Fires (1990 Edition) and NFPA Standard 1001.

Training Outline

Introduction

Many fire departments have authority for fire suppression and prevention in unusual locations such as industrial complexes, refineries, marine terminals etc. These type of occupancies present special hazards and concerns that **MUST** be addressed by both the company officer and fire company, as well as, the fire department command staff before an incident.

This lesson is part two of two which takes a detailed look at the fire department preincident plan and its elements.

Planning

Fire Department Preincident Planning Goal is to know what problems we might face going into the incident and how those problems can be solved.

- A. Unfamiliar with the marine industry and should acquire and utilize special help in preparing for marine related events.
- B. Plan should focus on specific areas of concern, setting hierarchy of goals for event stabilization and control.
- C. May detail scope of authority, personnel protection requirements, environmental factors, preferred access and operation locations, risks and hazards.
- D. Provides guide to ship systems, facilities and personnel capabilities.
- E. Useful for FD personnel to walk thru with operator to obtain overview and understanding of hazards and special considerations.
- F. Plan format should be flexible and not a plan for the BIG ONE.

Enhanced Training

Marine Incident Response, Part II

General Plan Information

- A. Name of vessel or facility
- B. Responsible parties, who should be called and in what order.
- C. Number of passengers a vessel might carry
- D. Number of crewmembers
- E. Fuel normally onboard. If calculated in tons, break out to gallons, etc.
- F. Vessel diagram, gives firefighters some idea where to go and how to get out with limited access.
- G. Fire protection systems
- H. Ventilation control systems
- I. FD connection onboard or on waterside
- J. Fuel system control location
- K. Respective location of hazardous materials, which hold or barge it is located.
- L. Any other unusual occupancy patterns or concerns

Review of Potential problems

1. Unusual occupancy pattern; gaming boats which may have thousands of people on board at odd times of the day?
2. Poor water supply; no hydrant supply and unable to draft from close water source may be problem in fire control.
3. Special construction; light weight truss construction, metal bulkheads
4. Hazardous materials or cargo on board
5. Poor access; can't get in to help people, apparatus positioning and operating may be difficult
6. Unusual interior; may make rescue and fire control hazardous or difficult to accomplish

Answers to Enhanced Training Quiz on following page:

1. False 2. True 3. True 4. a. 5. c.

Marine Incident Response, Part II

7. Normal arrival and tactics may be modified such as all companies stage at gate except first arriving.
8. Exposure concerns; how close is structure or vessel to exposures?
9. Firefighter safety concerns, accountability and knowledge base
10. Strong incident command system
11. Multi-agency planning including FD, PD, EMS, vessel owners and operators, U.S. Coast Guard, other agencies as applicable.

Working with industry

- A. The marine industry will be some of the biggest supporters of this type of preincident planning. It gives both the fire department and the facility operator or vessel owner the opportunity to meet, compare notes and then come to a workable solution of how to handle possible emergency events.
- B. Examine respective needs and concerns
Pre-incident Planning
- C. A workable plan should be established that parallels day to day capabilities and procedures.
- D. Keep your plan simple and involve those who can provide aid and assistance such as law enforcement, EMS, U.S. Coast Guard, local Emergency Management.

Enhanced Training

Marine Incident Response, Part II: Quiz

Date _____

Chief/T.O. _____

Firefighter (print) _____

Education Credits/
Hours/Units _____

Signature _____

Select the best answer:

1. True or False Preplanning should be done by just the fire department?
2. True or False Passenger accountability may not be a concern?
3. True or False Firefighters and command officers should have a basic understanding of the fire protection systems found on boats and ships in their area.
4. The marine vessel preincident plan should include:
 - a. Name of vessel or facility
 - b. Responsible parties, who should be called and in what order.
 - c. Number of passengers a vessel might carry
 - d. Number of crewmembers
 - e. All of the above
5. Requirements for what a water going vessel must have in the way of safety and fire protection equipment can be found by contacting which agency?
 - a. Local fire department
 - b. Police department
 - c. U.S. Coast Guard
 - d. All of above
 - e. Only a and b

Bibliography

National Fire Protection Association; Standard 1405, *Land-based Firefighters Who Respond to Marine Vessel Fires*; Batterymarch Park, Quincy, MA.; 1990 version.

National Fire Protection Association; Standard 1001; Batterymarch Park, Quincy, MA.; 1990 version.