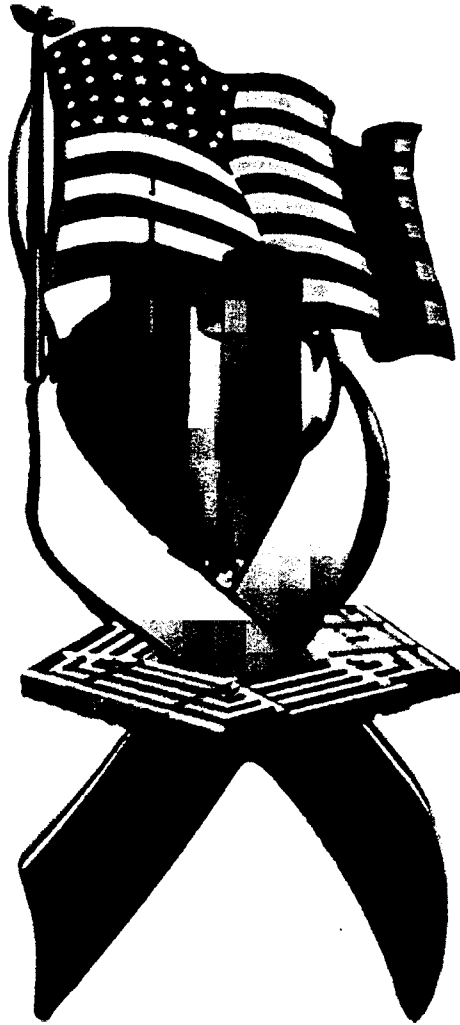


# FDNY INCIDENT ACTION PLAN



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**OPERATIONAL PERIOD**  
**SEPTEMBER 28 - 29, 2001**  
**0700 - 0700**

Plan 7

*Peter E. Hayden*

# FDNY INCIDENT ACTION PLAN

## OPERATIONAL PERIOD

09/28/2001 – 0700 through 09/29/2001 – 0700

## OVERALL INCIDENT OBJECTIVES

1. Provide for the health, safety and welfare of all personnel working in and around the incident.
2. Coordinate with all involved agencies to support the operational needs of the incident.
3. Document all critical items and significant events.

Each sector will have Planning and Documentation personnel assigned to support incident objectives. Specifically, they are tasked to update maps, continue to provide resource tracking, record prior and current significant events and provide liaison services at the request of Sector Chief. Interagency cooperation is essential to mission success.

## INCIDENT COMMAND

|                             |                                                   |
|-----------------------------|---------------------------------------------------|
| Incident Commander          | AC Cruthers                                       |
| Executive Officer           | DC Hayden (day)                                   |
| Assistant Executive Officer | DC Benson (night)                                 |
| Operations Section Chief    | DC Meyers (0700-1900)/DC Butler (1900-0700)       |
| Logistics Section Chief     | DC Blaich                                         |
| Planning Section Chief      | BC Pfeifer                                        |
| Search and Rescue Chief     | BC Norman                                         |
| Hazardous Materials Chief   | BC Ingram                                         |
| EMS Chief                   | AC Basile (0600-1800)/DC Carrasquillo (1800-0600) |

## OPERATING FACILITIES AND LOCATIONS

|                       |                                    |
|-----------------------|------------------------------------|
| Incident Command Post | 100 Duane Street                   |
| Operations Center:    | 1010 Station (Liberty & Greenwich) |
| Liberty Sector        | Liberty & West                     |
| West Sector           | Vesey & West                       |
| Church Sector         | Liberty & Greenwich                |
| Vesey Sector          | Church & Dey                       |

## SECTOR CHIEFS

|                | 0530               | 1330               | 2130                |
|----------------|--------------------|--------------------|---------------------|
| Liberty Sector | <u>ADC Ferran</u>  | <u>DC McKnight</u> | <u>ADC Bley</u>     |
| West Sector    | <u>DC Corcoran</u> | <u>DC Rappe</u>    | <u>DC Hughes</u>    |
| Church Sector  | <u>DC Fuerch</u>   | <u>DC Jensen</u>   | <u>DC Hay</u>       |
| Vesey Sector   | <u>DC Esposito</u> | <u>DC Domenico</u> | <u>DC Spadafore</u> |

## RESOURCES

|             |                                                                                           |
|-------------|-------------------------------------------------------------------------------------------|
| FDNY WTC TF | 300 (Total Firefighters/Officers) per 10-hour shift                                       |
| PD ESU      | 100 Officers per 12 hour shift.                                                           |
| FEMA US&R   | 2 Task Forces – Split shift – 31 persons per task force per 12 hour shift<br>CA-3, CO-1.  |
| FEMA RRTF   | NE-1 located off site – operating as a Rapid Response TF to Supplement FDNY capabilities. |
| SWA IMT     | 1 to 2 per sector to assist with planning and documentation.                              |

## **PLANNED ACTIONS AND OPERATING INSTRUCTIONS (Next 24 hours)**

1. 300 Ton crane is in place at Washington & Liberty Streets. Debris removal and void search operations will continue. FDNY SOC, PD ESU personnel and (1) FEMA US&R Task Force have been assigned to this location.
2. 700 Ton crane is in place on West St. Debris removal and void search operations will continue in the North Tower area. FDNY SOC, PD ESU personnel and (1) FEMA US&R Task Force have been assigned to this location.
3. Based on the anticipated placement of a 1000-ton crane on West St. in the proximity of the Marriott WTC Hotel, contractor is placing required matting to facilitate crane placement and operations.
4. Steel cutting operations with the utilization of oxy-acetylene cutting set-ups (and subsequent removal of debris by rigging and heavy equipment) is to continue. Ironworkers are to be utilized to accomplish this mission. FDNY SOC, PD ESU and FEMA US&R personnel will be utilized to assist and supplement this function. All available cutting set-ups should be utilized on a continual basis as conditions permit. Void search operations will follow these cutting operations as voids are exposed. These cutting and void search operations will occur in all sectors as required.
5. All personnel operating on the south tower will be in bunker pants as required due to the high heat level being generated on the lower levels of the debris piles. Consideration should be given to stretching protective hand lines as required in all areas of operations. Protective hand lines are in place at the North Tower, continue to operate as required.
6. **NO** void search operations without approval of FDNY Sector Chief in the North and South Towers. Use this time to facilitate the placement and use of large caliber water streams onto areas affected by fire on the north and south towers. Maximize placement of portable monitors for continuous fire extinguishment operations.
7. NTSB has six camera points that will assist in locating the flight recorders.
8. Void search operations will continue in the Winter Garden area as heavy steel is removed by crane. A FEMA US&R engineer will be assigned to this area for ongoing evaluation of condition. FD SOC personnel and PD ESU personnel will continue to conduct void searches as required.
9. Continue to review operational/engineering plan to facilitate removal of the South and West façade walls still standing in the South Tower area. FDNY, FEMA US&R, DDC and site construction manager to review plan and evaluate results of recent demolition.
10. Construct an access road to facilitate heavy equipment operations in the Plaza and Pit area between WTC #4 and WTC #5.
11. Access the area of the freon tank to assess structural integrity of the tank and associated plumbing to determine the quantity of product remaining and take appropriate action as required.

## **WEATHER FORECAST**

**Day** Party Cloudy, Winds NW 12 mph, 30% chance of showers – up to .1”-.24”, High of 65 F

**Night** Party Cloudy with a 30% chance of precipitation – up to .25”, Winds W 10 mph, Low of 55 F.

Anemometer Locations: 11<sup>th</sup> floor of the Verizon Building  
1010 Fire Station

## **SPECIAL INSTRUCTIONS**

**FDNY Sector Chiefs will approve all searches.**

Review posted information regarding Minimum Protective Equipment Requirements, Site Safety, Evacuation Warning Signals, Site Hazards, Blood Borne Pathogens and Hazard Markings on Buildings.

Document on the grid map dated 09/20 or later and in the sector operations log locations of any victims, public safety personnel, apparatus and equipment found.

When public safety personnel, apparatus and/or equipment are found, please protect the area and notify the appropriate agency for appropriate documentation and removal.

If weapons or ammunition are found, secure the area and immediately notify law enforcement authorities.

Upon approval of FDNY Operations Sector Chief, only physicians will perform field amputations.

Individuals within the Green Line must wear minimum recommended safety gear. See attached map.

**Damaged SCBA Tanks:**

1. If possible, slowly remove air pressure by opening valve.
2. If the valve is damaged or missing – do not remove tank and notify Sector Chief.
3. Sector Chief will notify Operations Command Post for relay to HazMat Operations for further instructions.

As of 1700 hours on 9/27/2001 only white, non-photo credentials will allow access into the site. The new credentials are available at PS/IS 89. Security checkpoints have a list of exempt agencies.

VIPs must arrange tours with OEM located at Pier 92 before visiting the site. If found unescorted on site, NYPD will escort them off site.

## **ANTICIPATED ACTIONS (72 hours)**

1. Continue in the above-listed operations.
2. As other crane(s) are set up and / or relocated, continue in the accelerated debris removal and void search operations. Concentration of operations will be in the following prioritized order as conditions permit:  
Wintergarden  
North Tower  
Plaza area and 'The Pit'
3. Plan received from DDC is being evaluated on an ongoing basis regarding disposition and process for removing remaining vertical wall sections and limited debris removal process at the Winter Garden building.
4. Perimeter security will continue to be tightened.
5. Continue to review, evaluate, and implement Draft Freon Removal Plan from Port Authority.
6. 1000-ton crane on schedule for Saturday evening operation.
7. Begin evaluation of GPS for mapping and documentation of recovery operations as well as structural features.

## LOGISTICS

- Access points are as follows:
  - West & Chambers Vehicle and Pedestrian access
  - Church & Chambers Vehicle and Pedestrian access
  - Murray & Broadway Vehicle access only
  - Trinity Place & Rector Vehicle access only
  - Carlisle Street (West) & Rector Vehicle and Pedestrian access.
- There are several authorized volunteer EMS agencies in service.
- There will be five (5) authorized meal sites. They are:
  - St. John University at 101 Murray.
  - Spirit of New York cruise ship berthed at the north pier.
  - McDonald's on Fulton between Broadway & Church.
  - Uncle Ben's between Vesey & Murray.
  - The Salvation Army on West and Murray.

## FOOD VENDORS

- The DOH in conjunction with the NYPD will work toward taking down the unauthorized eating / feeding areas.

## SANITATION

- Personal hygiene stations are in place on Liberty, between Church & Greenwich.
- Personal Hand Washing Stations are available at all the above meal sites.
- Boot washes; hand and eye wash stations available at West and Murray St Johns Univ.
- Additional washes and showers are available on a limited basis at the Liberty Street Marina to augment the entrance/exit facilities.

## CACHE SITES

- Three sectors now have operational CACHE units.
  - West Sector- Port Authority
  - Liberty Sector- NYPD
  - Church Sector- FDNY

## COVERALLS

- Coveralls for FDNY staff will be available at West/Murray/Chambers Street Area.
- Tradewinds Laundry Service will pick up & distribute from the World Fair Marina.  
The tent will be staffed with their personnel who will collect and size the coveralls.  
Pick up and drop off times:

| Outbound Crew | In Bound Crew |
|---------------|---------------|
| 0530          | 0700-0900     |
| 1330          | 1430-1630     |
| 2130          | 2230-2330     |

The laundry will be done at their commercial facility in L.I.C.  
4000 units shipped to WFM

## NOTIFICATION

The E train is now running under Church Street. It will discharge passengers at Chambers Street Station and proceed south at less than 10 mph to WTC station. A switch will be activated and the train will proceed to the north at less than 10 mph to the Chambers Street Station where it will take on passengers. The WTC Station will remain closed.

# **SAFETY – YOUR ATTITUDE IS YOUR SURVIVAL!**

Safety is an attitude. It affects you and your teammates. Proper use of personal protective equipment can help reduce the risk of injuries. Eye protection, respiratory protection and proper clothing are keys to keeping you safe.

## **Site Safety Awareness:**

- Your attitude
- Do not take unnecessary risks during this phase of the operation. Use all required safety equipment and follow procedures.
- Awareness of YOUR surroundings is key to your safety.
- Plan for the HAZARDS of the job.
- USE safety equipment at all times.
- Doing your part to prevent/reduce accidents in the work zone.
- Watch out for your co-workers on the scene

## **Hazards:**

- Due to the instability of Winter Gardens Atrium between 2 and 3 World Financial Center, only designated personnel shall work in that area. Safety Chiefs for Liberty and West Sectors shall monitor for compliance. The SW corner of Building #5 is not a safe place to congregate. Stay out from under damaged buildings and hanging debris.
- Potentially pressurized cylinders including: SCBA's; gas cylinders such as propane, ammonia, chlorine, etc.
- Possible live ammunition at WTC 7, Barclay Street Ramp and the Customs House
- Walking, Working Surfaces
- Falling Debris
- Airborne Contamination
- Bio-Hazards, Universal Precautions
- Cutting, Welding-Compressed Gasses
- Cylinder Storage
- Vehicular Traffic
- Backing Vehicles
- Excavation Equipment
- CRANE Operations- Be aware of swing & stress cables and whipping of broken cables
- Sewer Grates, Trenches, Manholes – possible collapse or a vector for the release of toxic gas vapors

**Mitigation: LOOKOUTS posted, COMMUNICATIONS reliable, ESCAPE ROUTES planned and known by all, SAFETY ZONES planned and known by all**

- EVACUATION SIGNAL – 3 BLASTS
- Each Sector Command MUST assign a Safety Officer
- Each Sector Command MUST assign a FAST Truck for Emergency Response
- Treat all cylinders as pressurized & volatile
- Work with a buddy who has visual contact with you
- Control Site Access – allow only authorized, trained & properly equipped personnel inside the “green zone”
- Maintain Site Safety Awareness
- Be aware of changing conditions
- Do not eat or smoke in the work zone (Hand washing prior to eating)
- Scout out, identify, plan, and advise others of escape routes in event of emergency of any type
- Climb with proper protection at all times
- Mandatory head and eye protection at all times
- Look overhead and be aware of all surroundings
- Change respirator filter when resistance is felt from air flow or at least after every shift
- Have a reliable means of communications

**Protective Equipment: MUST WEAR MINIMUM RECOMMENDED GEAR WITHIN THE “GREEN ZONE”**

- Hard Hat or helmet
- Respirator with replaceable P100 organic vapor/acid gas cartridges. Replace filter after each shift.
- Steel toed boots or equivalent
- Coveralls or Long Sleeve Shirts
- Safety glasses with side shield / face shield / goggles
- Leather Gloves with latex (or nitrile) glove liner

## **Near Misses**

\*\*\*On 9/26 at approximately 1430 hours a crane operating in the North Tower area snapped a cable while hoisting a load. This caused the load to drop narrowly missing 4 workers.

## **Victim Family Visit to Red Zone**

### **Scheduled Tours**

Starting Sept. 27, 2001

Daily 10:30, 12:00, 14:00

### **Tour Group**

*Approximately 73 persons per trip*

#### **Victim Family**

10 Families, 5 members per family

#### **Mental Health Professional**

2 PD, 5 DOH, 5 Red Cross

#### **Security**

3 NYSP, 3 NYPD

#### **Support**

5 Mayor's Community Assistance Unit

### **Tour Route**

1. Depart from Pier 92 to North Cove Marina
2. Disembark at North Cove Marina's New York Waterways dock
3. Walk around Marina to Liberty Street and West Street
4. Lay flowers at the Marina's promenade perimeter
5. Embark at New York Waterways dock
6. Depart from North Cove Marina to Pier 92

*Route will be adjusted daily to reflect Red Zone condition*

### **Contacts**

|                |              |                                         |
|----------------|--------------|-----------------------------------------|
| Conrad Vazquez | 917-682-3469 | CAU (Mayor's Community Assistance Unit) |
| Jose Baptista  | 917-882-8998 | OEM                                     |

### **Fire Department Families**

Daily tours at 11:00 and 19:00 arranged through the Fire Department



# DR-1391-NY New York City Facility Locations - September 26

