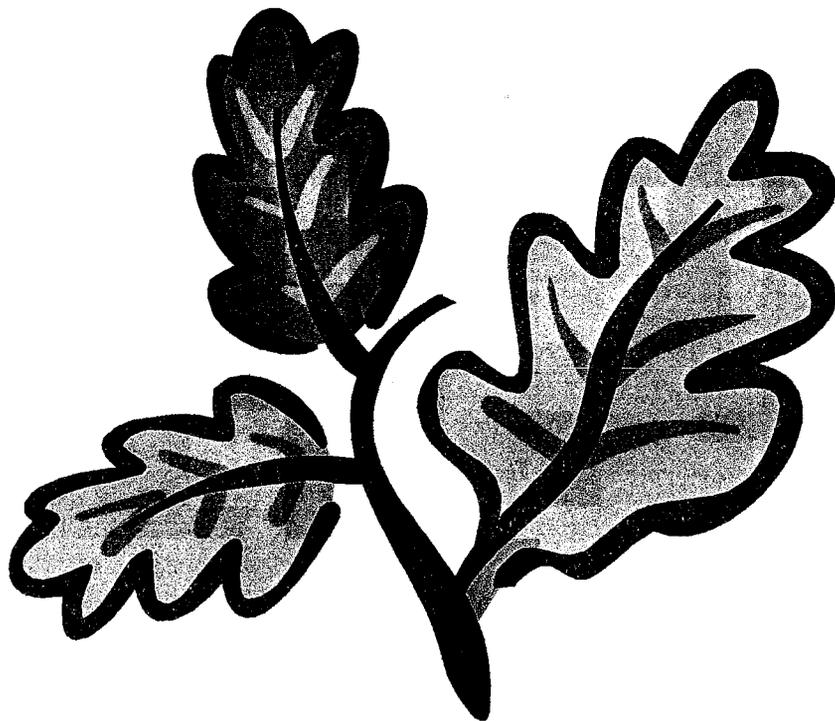


**FDNY**  
**INCIDENT ACTION PLAN**  
**OPERATIONAL PERIOD**  
**NOVEMBER 24, 2001**  
**0700 – 0700**



*PH*  
**PLAN60**

**OPERATIONAL PERIOD**

Saturday 11/24/01 0700 – Sunday 11/25/01 0700 hours

**OVERALL INCIDENT OBJECTIVES**

1. Provide for the health, safety, and welfare of all personnel working around the incident.
2. Provide for the recovery and identification of as many remains as possible, and return to next of kin.
3. Coordinate with all involved agencies to support the operational needs of the incident.
4. Document all critical items and significant events.

**OPERATIONAL FACILITIES AND LOCATIONS**

Incident Command Post	100 Duane Street
Operations Post	10/10 Station (Liberty & Greenwich)
West Command	Vesey & West (West & Liberty Sectors)
East Command	Liberty & Church (Church & Vesey Sectors)
FDNY Cache	Quarters of 10 & 10 – open 0800-2000 hrs.
FDNY Parking	West & Warren Streets

**OPERATIONAL RESOURCES****FDNY WTC TF**

Recovery Team	75 Officers & Firefighters
Suppression Team	10 Officers & Firefighters
FAST Team	7 SOC Officer & Firefighters
GPS/BFU Team	10 Officers & Firefighters per 24 hour tour

**FDNY/EMS**

17 people per day shift / 16 people per night shift

**WEATHER FORECAST**

**Day:** Cloudy, high 61 degrees, winds SE 8-10 mph, 10% chance of precipitation.

**Night:** Cloudy, low 50's, winds SE 10-12 mph, 10% chance of precipitation.

**Outlook:** Sunday, cloudy high lower 60's, windy 15-20 mph, 60% chance of precipitation.

**Anemometer Locations:** 11<sup>th</sup> floor of the Verizon Building, 3<sup>rd</sup> floor 10/10 Station, 17<sup>th</sup> floor of 125 Liberty, 10<sup>th</sup> floor of 2 WFC, OEM Command Bus at West & Warren, East Command, and Federal Post Office.

## **ACCOMPLISHMENTS (Past 24 hours)**

### **CONTINUING ACTIONS**

1. Application of water to South Tower area and where heat and smoke are escaping in an attempt to extinguish/reduce the heat. Operation continues.
2. Operations continue on debris removal from the North Tower area with intermittent use of handlines to cool debris.
3. Steel cutting @ Bankers Trust (130 Liberty St.), from 23<sup>rd</sup> floor down to 11<sup>th</sup> floor continues on a 24-hour basis with a shift change between 1700 – 1900 hours. Handline fire prevention/suppression support from FDNY will be necessary on a floor-by-floor basis. Welding of bracing on floors 19-22. This work continues.
4. Demolition of 6 WTC continues. Hand line fire prevention/suppression support from FDNY required on Vesey St. on a 24/7 basis.
5. Steel cutting @ 30 West Broadway. Specialized demolition at various floors, including removing a portion of the 8<sup>th</sup> floor slab. Handline for fire prevention/suppression support from FDNY will be necessary.
6. Demolition of 5 WTC continues. FDNY support needed for fire suppression/fire prevention.

## **PLANNED ACTIONS (Next 24 hours)**

## **ANTICIPATED ACTIONS (48 - 72 hours)**

## **SPECIAL INSTRUCTIONS**

1. **FDNY Sector Chiefs will approve all searches.**
2. **No open flames or warming fires. All fires will be extinguished by the BFU.**
3. Operations Post is requested to fax the name of the Safety Chief for each tour to the Incident Command Post.
4. Follow identified procedures to handle requests for retrieval of valuables from damaged structures.
5. **PPE requirements are as follows:**  
Red Zone – Helmet, Safety Glasses & Safety Shoes.  
Inner Zone – Helmet, Safety Glasses, Safety Shoes & Respirators.
6. FDNY personnel parking is located on the south side of Warren St., 250 feet east of West St. Access to the FD parking lot must be made through the West & Chambers Street checkpoint. Members will be issued a site access card at the beginning of their shift. These access cards must be prominently displayed to allow entry onto the site. The access cards shall be handed in at the end of the shift. Coveralls and respirators will be available at the FD Warren St. parking lot.
7. GPS is to be used to plot locations of all victims, remains, fire equipment and apparatus. If the GPS is not operational, hand held GPS operators will manually record grid locations using a **grid map dated 09/20 or later**. GPS units are available through the Sector Chiefs, who shall contact the GPS Team via channel 5.
8. When public safety personnel, apparatus, and/or equipment are found, please protect the area and notify the appropriate agency for appropriate documentation and removal.
9. When any SCBA or compressed gas cylinders are found, the Sector Chief will contact ICP for Fire Prevention notification. Cages are at East & West Command for temporary storage of cylinders.
10. Enclosures on North and South projections on West Street are locked. The keys will be located with the FDNY Command Post, NYPD Officer at enclosure, and OEM.
11. Prior to any vehicles being removed/towed from buildings, FDNY Operations Chief must determine if a foam handline is needed.
12. A charged handline must be in position prior to any steel cutting operation inside of buildings.
13. The exclusion zone for Bankers Trust will be maintained & enforced during cutting operations.
14. Void entries and searches where elevated Freon readings exist (1 & 2 WTC) require O<sub>2</sub> monitoring prior to entry.
15. All Fire Department members (all ranks) will report to the West Command Post, ready for duty no later than 0700 or 1900 hours.
16. Crane Site Safety and Contingency Plan have been reissued.
17. Remains Recovery Protocol from OCME issued.
18. New exclusion zone established. (Demolition of S/E corner of 3 WTC), see attachment.

## **DEPARTMENT OF DESIGN AND CONSTRUCTION UPDATE**

### **ACCOMPLISHMENTS (Past 24 hours)**

1. 66 tiebacks installed in slurry wall south of 2 WTC (Liberty Street)/ 48 tensioned. Installation of tiebacks on east wall will commence shortly.
2. Shoring completed #1 & #9. Crane expected to be moved 11/25.

### **PLANNED ACTIONS (Next 24 hours)**

1. Continued debris removal in footprints of 1,2 & 4 WTC.
2. Dewatering via North & South Projections continues.
3. Debris removal between 6 WTC and 1 WTC North Façade will continue for recovery.
4. Breakdown of Lieb Herr 1400 crane at Liberty and West Streets for relocation to Plaza (Northeast Façade removal)

### **ANTICIPATED ACTIONS (48-72 hours)**

1. Core drilling and tiebacks continue on Greenwich, Liberty & West Streets.
2. Widening of south to east access road to plaza for future crane access continues.
3. Dewatering of PATH from North Projection & Refrigeration Plant from South Projection.
4. Demolition of S/E corner of 3 WFC to commence. New exclusion zone as per attached drawing.
5. Removal of debris adjacent to Greenwich St. slurry wall.
6. Debris removals to continue in footprints of 1,2 and 4 WTC. Also, Refrigeration Plant between 1 & 2 WTC.
7. Demolition of 30 West Broadway. FDNY support required.
8. Demolition at Bankers Trust (130 Liberty St.). FDNY support required.
9. Demolition of 5 & 6 WTC. FDNY support required.
10. Relocation of Lieb Herr 1400 crane from West St. to Greenwich St. for Northeast Façade removal.
11. Insertion to PATH Mezzanine via Barclay St. ramp for PATH equipment salvage. To be scheduled.

There is an OEM representative located at the OEM trailer (Murray and West - 212 941-5337) to contact DDC to handle contractor problems. To contact the contractors on site, DDC has a person stationed at 10/10 to assist. OEM is also the contact for OSHA.

## LOGISTICS

1. All Fire Department members (all ranks) will report to the West Command Post, ready for duty no later than 0700 or 1900 hours.
2. FD members parking will be located on the south side of Warren St., 250 feet east of West St.
3. Access to the FD parking lot must be made through the West & Chambers Street Checkpoint.
4. FD ID cards will be needed for access.
5. Coveralls and respirators will be available at the FD Warren St. parking lot.

Meal Sites are as follows: Water and Snack Sites are:

St. John University at 101 Murray  
Marriott WFC Hotel, Albany & West  
Salv. Army in Median of West/Murray

West & Vesey  
Church & Dey  
Cortlandt & Church  
Liberty & West

Sanitation Sites are as follows: (See attachment)

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 & eye wash stations at West & Murray, St. Johns Univ.,  
West & Rector. Showers are available at the following locations:  
West & Albany, Trinity & Cedar

EPA Winterized Wash Stations:

Biosphere at West & Vesey (main station)  
West Broadway & Park Place – satellite location  
Fulton St. between Church & Broadway - satellite location  
Trinity & Cedar - satellite location  
Albany & West (Bovis Yard) - satellite location

Lockers:

112 lockers are available for members at the Biosphere (West & Vesey Streets)

MEDCOR Medical Sites:

Fulton St., east of Church St.  
Vessey St., west of West St.

Cache Site (@ 10/10 Station is as follows: Supplies are for uniformed emergency personnel only.

**WEST COMMAND POST**

212-608-7753  
212-608-7754 (Data Recorders)  
212-608-7797  
212-608-8048  
212-608-9556 fax  
212-608-9801 fax (Data Recorders)

**EAST COMMAND POST**

212-425-4201  
212-425-4231  
212-425-4217  
212-425-4180  
212-425-4221  
212-425-4096 fax

**APPROVED COMPRESSED GAS STORAGE LOCATIONS** (Note: Site although approved, are subject to change):

AMEC Zone: West Street adjacent to foundation for North Bridge  
BOVIS Zone: Front of 90 West St.  
TULLY Zone: South side of Liberty Street between Broadway and Church  
TURNER Zone: Vesey and West Broadway



## Safety Message 11/24/01



### Major Hazards:

Crane Operations  
Demolition Operations  
Biological Hazards

Falling Glass & Debris  
Traffic  
Walking and Working Surfaces

Hazardous Materials  
Lack of PPE  
Dust and Airborne Particles

## ❁ *Crane Operations*

Be alert whenever cranes are working in your area. Look up and move away from within the crane's swing arc. Operators, avoid moving loads over personnel or populated facilities. Ensure all cranes are operating within safe limits, and all rigging operations are monitored for safety.

## ❁ *Personal Protective Equipment*

All required PPE must be worn on the worksite and in the area. PPE includes Hard Hats, Fit Tested Respirators (when working on the pile), and Adequate Eye Protection. **AVOID** the fumes created by cutting steel—Respirators are absolutely required when working around steel cutters or down wind of cutting operations. If you notice anyone without PPE refer them to the site safety officer so they can get some.

## ❁ *Fuel and Compressed Gasses*

**Backhaul** all used and empty fuel containers and compressed gas cylinders. **Consolidate** them in the designated fuel storage areas for removal. Don't leave them lying around. **Use only New York City-approved containers** and post "No Smoking" signs wherever fuel is being stored.

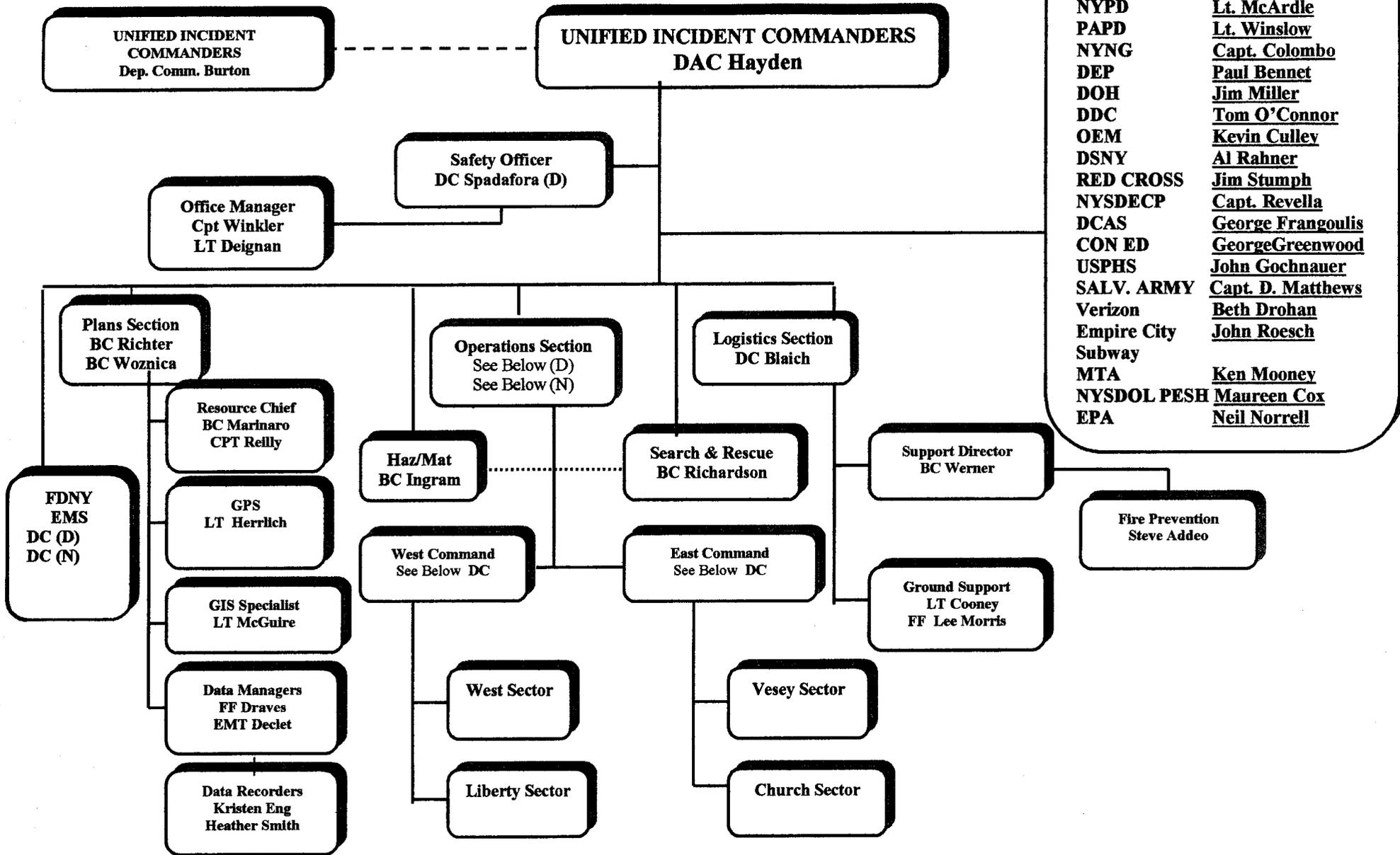
## ❁ *Keep It Slow-Pay Attention*

**Big equipment or trucks can't see you as well as you can see them, Give them the right of way. Maximum speed is 10 mph...Gators!**

# Safety –Don't Forget About It

11/24/01

# WTC ORGANIZATIONAL CHART



Cooperating Agencies	
Agency	Representative
NYPD	<u>Lt. McArdle</u>
PAPD	<u>Lt. Winslow</u>
NYNG	<u>Capt. Colombo</u>
DEP	<u>Paul Bennet</u>
DOH	<u>Jim Miller</u>
DDC	<u>Tom O'Connor</u>
OEM	<u>Kevin Culley</u>
DSNY	<u>Al Rahner</u>
RED CROSS	<u>Jim Stumph</u>
NYSDECP	<u>Capt. Revella</u>
DCAS	<u>George Frangoulis</u>
CON ED	<u>George Greenwood</u>
USPHS	<u>John Gochnauer</u>
SALV. ARMY	<u>Capt. D. Matthews</u>
Verizon	<u>Beth Drohan</u>
Empire City	<u>John Roesch</u>
Subway	
MTA	<u>Ken Mooney</u>
NYS DOL PESH	<u>Maureen Cox</u>
EPA	<u>Neil Norrell</u>

WTC Task Force				
Tour 1	(D)	0700 - 1900	Operations Chief	AC
Tour 2	(N)	1900 - 0700	Operations Chief	DC -

11/24/01

FDNY – WTC ORGANIZATIONAL LIST

FDNY	Duane St. Command Post	646-613-0228/1591/7293
NYPD	Lt. McArdle	212-233-6408/6427 Pager 914-771- 2889
NYPD-PBMS	D.I. John Codiglia	212-625-2810
PAPD	Lt. Mark Winslow	212-608-5111/5115/9393
OEM	Kevin Culley (IC Liaison)	202-297-7680
DEP	Paul Bennet or acting	917-769-1282/718-595-6777
DDC 0500-1400	Tom O'Connor	917-560-5365
	Tom Amoia	917-681-7572
	Ed McGinley	347-245-0387
1300-2200	Lou Mendes	646-235-3394
	Joe Deluca	347-386-7329
2100-0600	Charlie Kaczorowski	646-772-2406
DOH	Dr. Jim Miller	917-642-2809
NYSDECP	Capt. T. Revella	646-756-3136
DSNY	Al Rahner	646-235-3040
Red Cross	Jim Stumpf	646-303-7881
NYCSO	Lt. Scali	646-756-3125
NYNG	Capt. Colombo	973-615-6219 or 212-941-5281
	Lt. Erazo	917-577-2136
DCAS	George Frangoulis	646-772-8158
CON ED	George Greenwood	212-460-2602
USPHS	Ronald Herring	347-231-4632
Salv. Army	Capt. Dan Matthews	201-406-8955
Verizon	Beth Drohan	646-613-9247 or 917-301-8864(cell)
	Dan Lynaugh	212-965-5702/5703/5704/5705
Empire City	John Roesch	212-242-1173//1180
	Sandra DiBernardo	
MTA	Ken Mooney	718-243-4446
	John Ferrelli	718-243-3147
	Mike Fradua	718-243-4358
NYDOL PESH	Maureen Cox	518-225-6931
EPA	Neil Norrell	212-608-7097 or 732-689-0010

# FDNY

## WTC APPARATUS LOCATIONS

TYPE	LOCATION	ACTIVITY
E 40 MP 8903	IFO 3 WFC on West St	Supplies 2 manifolds 1 IFO 6 WTC & 1 IFO 2 WTC Supplies TL 153
E 40-2 MP 8816	Corner of West & Vesey	Supplies E 40
MP 8815	Corner of Albany & Washington	Supplies 2 ½ line to slurry wall
MP 8915	Corner of Albany and Greenwich	Using deck gun to cool hot spots
MP 8917	West St, 150' south of Vesey	Standby/Reserve
MT 9103D	East side south tower plaza	Standby/Reserve
MT 8705D	IFO 3 WFC	Standby/Reserve
BFU 3 9704	Quarters 10/10	Site patrol

Operations Command is requested to update this list and return to the Incident Command Post by 1700 hours daily.

11/18/01