

I. WATER SYSTEM.

1. The plans of the water system have been furnished to the department so that the members of the department may know by study that there are small mains which are not capable of supplying sufficient water if too many engines are connected to a hydrant. The Water Division of the Public Works Department, through its Division Engineer, states "two engines are as many as should take suction from a single hydrant if one of the two is of 1,000-gallon capacity, in those portions of the city outside of the City Proper.
Even in the City Proper there are some cases, where the small mains have not yet been replaced by larger ones and only two engines should be connected to a hydrant.
2. In studying the plans of the mains of the water system, if it is found by any officer of the department that any main is not large enough to supply the hydrants connected thereto, he will report the fact at once to the Fire Commissioner, through official channels, with recommendations.

II. WARNING GONG.

1. A warning gong has been installed on fire alarm box No. 1281, corner of State and Kilby Streets. It will be operated from the quarters of Ladder Co. 8. This gong is to warn traffic of the fact that fire apparatus will shortly pass that vicinity.

III. HIGH COMMENDATION.

1. On September 4, 1921, a request was made by a police officer on this department to assist in the capture of a crazy man who had dangerously assaulted a man with a knife at 109 Silver Street. As a result of the services of the men of the department the crazy man was captured and removed to the Carney Hospital.
2. Hoseman William O'Connor and Morris Swart of Engine Co. 15 rendered special service. Hoseman O'Connor seized the man while he held the knife, and Hoseman Swart kept a stream of water on the man after he had broken from a room in which he was barricaded and until he had been subdued and the knife taken away by Hoseman O'Connor.
3. The Fire Commissioner gives high commendation to Hosemen William O'Connor and Morris Swart of Engine Co. 15 for their conduct.

By order of the Fire Commissioner:
Peter E. Walsh,
Chief of Department.

GENERAL ORDER
NO. 62

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, SEPTEMBER 14, 1921.

I. RETIREMENTS.

1. The following retirement is hereby announced to take effect at 9 A.M., Thursday, September 15, 1921:

Principal Operator Jonathan M. Morris, Fire Alarm Branch.

2. Principal Operator Morris was appointed to this department April 14, 1890 and was made an operator on July 13, 1891. He was promoted to Principal Operator on January 22, 1908.

3. The following retirement is hereby announced to take effect at 9 A.M., Friday, September 16, 1921:

Capt. Philip P. Leahy Engine Co. 30.

4. Captain Leahy was appointed to this department March 28, 1890, and was made a Lieutenant April 10, 1903. He was promoted to Captain July 12, 1920.

II. PROMOTIONS.

1. The following promotions are hereby announced to take effect at 9 A.M., Friday, September 16, 1921:

Lieut. William F. Heldt of Engine 50 to Captain.
Ladderman John J. Cremin of Ladder 13 to Lieutenant.
Acting Assistant Engineer Joseph G. Smith of Engine 50
to Assistant Engineer.

III. TRANSFERS.

1. The following transfers are hereby announced to take effect at 9 A.M., Friday, September 16, 1921:

Capt. William F. Heldt	From Engine 50 to Engine 30
Lieut. Samuel Dwight	From Chem. 13 to Engine 50
Lieut. Fred L. Sargent	From Ladder 10 to Chemical 13.
Lieut. John J. Cremin	From Ladder 13 to Ladder 10
George J. Schiedel	From Ladder 10 to Ladder 13
Thomas F. Dolan	From Engine 45 to Ladder 10

IV. FIRE ALARM BOX
CHANGE OF LOCATION.

1. Fire Alarm Box No. 2336 formerly located at Louis Prang and Parker Streets has been moved to Huntington Avenue and Louis Prang Street. Company Commanders will see that the proper corrections are made on the assignment cards.

V. BOSTON FIREMEN'S RELIEF FUND.

- L. The following report of the election of members of the corporation of the Boston Firemen's Relief Fund is hereby published for the information of the department:

Lieut. Joseph W. Shea	680 votes
Asst. Engineer James J. Higgins	667 votes
Ladderman Stephen L. King	662 votes
Hoseman John J. Rogan	655 votes

By order of the Fire Commissioner

Peter E. Walsh,
Chief of Department.

GENERAL ORDERS
NO. 63

HEADQUARTERS FIRE DEPARTMENT?
BOSTON, SEPTEMBER 16, 1921.

I. DISBANDING OF
CHEMICAL CO. 1.

1. Chemical Co. 1 will be disbanded at 9 A.M., Friday, September 16, 1921, - the old apparatus placed in reserve and the members of the company re-assigned. The horses will be delivered to the Department Veterinary Surgeon.

II. TRANSFERS.

1. The following transfers are hereby announced to take effect at 9 A.M., Friday September 16, 1921:

Hoseman James J. Kane	From Chemical 1 to Engine 4
Hoseman Daniel T. McInnes	From Chemical 1 to Engine 4
Hoseman Richard F. Aylward	From Chemical 1 to Engine 25
Hoseman Jeremiah C. Sullivan	From Chemical 1 to Engine 25

III. NEW APPARATUS IN SERVICE.

1. On September 16, 1921, the horse drawn hose wagon in service with Engine Co. 4 was replaced with an American LaFrance High Pressure Hose Car. The High Pressure Hose car is equipped with two Morse Guns. There are six $2\frac{1}{2}$ inch inlets to each gun, with nozzle tips ranging from $1\frac{1}{2}$ inches to $2\frac{1}{2}$ inches in diameter. This car has capacity for carrying 2,000 feet of hose. The horses were delivered to the Department Veterinary Surgeon and the hose wagon placed in reserve.
2. On September 16, 1921, an American LaFrance combination hose and chemical car replaced the horse drawn hose wagon in service with Engine Co. 6. The horses were delivered to the Department Veterinary Surgeon and the hose wagon placed in reserve.

By order of the Fire Commissioner:

Peter E. Walsh,
Chief of Department.

GENERAL ORDERS
NO. 64

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, SEPTEMBER 19, 1921.

I. ASSIGNMENTS.

1. The following assignments are hereby announced to take effect at 9 A.M., Tuesday September 20, 1921:

Christopher J. Melia	To. Chemical Co.13
Henry F. Hayes	To Chemical Co.11
William J. Kelly	To Engine Co. 5

II. TRANSFERS:

1. The following transfers are hereby announced to take effect at 9 A.M., Tuesday September 20, 1921:

Hoseman Joseph E. Kelley	From Engine 50 to Engine 51
Hoseman Walter F. Corwin	From Engine 51 to Engine 50
Hoseman Louis Cohen	From Engine 5 to Chemical 11

BY ORDER OF THE FIRE COMMISSIONER:

Peter E. Walsh,
Chief of Department.

I. ANNUAL DRILL AND INSPECTION.

1. The annual drill and inspection of the various companies of the department will commence Wednesday, September 21, 1921, at the Headquarters Yard, Bristol Street.
2. There will be two drills daily, namely, at 10.30 A.M. and 3.30 P.M.
3. Deputy Chiefs will attend the drilling of the companies of their respective divisions and will respond to fires from the Headquarters Yard.
4. The evolutions will be the same as those of last year. The company commanders will give the commands for each evolution.
5. Deputy Chiefs will designate the companies to report at the Headquarters Yard, without apparatus, and will arrange to cover the absent companies by details from their divisions.
6. A department automobile will be provided to convey members to and from the Headquarters Yard.

BY ORDER OF THE FIRE COMMISSIONER:

Peter E. Walsh,
Chief of Department.

GENERAL ORDERS
NO. 66

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, SEPTEMBER 22, 1921.

I. CHANGE OF TIME.

1. Under the Daylight Saving Law, time will be retarded one hour at 2 A.M., Sunday, September 25, 1921.
2. At the above stated hour clocks in department stations will be set back one hour.
3. All tower clocks without STRIKING arrangements will be SET BACK one hour at 6.30 A.M.
4. All tower clocks with STRIKING arrangements will be stopped at 6.30 A.M., for one hour and then started.

BY ORDER OF THE FIRE COMMISSIONER:

Peter E. Walsh,
Chief of Department.

GENERAL ORDERS
NO. 67

HEADQUARTERS FIRE DEPARTMENT
BOSTON, SEPTEMBER 27, 1921.

I. PENSION DATA.

1. Forwarded with this order is a letter of instructions and packages of cards relative to data required of the members of the department by the Boston Finance Commission in connection with the proposed pension bill for city and county employees of Boston.
2. The letter will be posted in a conspicuous place and a card filled out by each member of the department in service on August 1, 1921. When all the members in each station have filled out the cards they will be forwarded to the Fire Commissioner through official channels.

II. DEPARTMENT BUTTONS.

1. The attention of the department is called to paragraph I, General Orders No. 66, series 1920, which reads as follows:

"All officers and members who have received an overcoat, sack coat or blouse from the department, and who now have three sets of department buttons, will return one set of buttons to Headquarters at once."
2. Hereafter, when an overcoat, sack coat or blouse is delivered to a member from the Bureau of Supplies and Repairs the member will return at the same time a set of buttons corresponding with those on the garment delivered. The First Deputy Chief in charge of the Bureau of Supplies and Repairs will see that this rule is enforced.

III. DANIEL B. McALVIN.

1. The Fire Commissioner regrets to announce the death of Ladderman Daniel B. McAlvin of Ladder Co. 12 on Sept. 23, 1921. The funeral was held from his late residence, 2 Galena Street at 2.30 P.M., Monday, September 26, 1921. Ladder Co. 12 was excused from duty in order to attend the funeral, and a detail of sixteen men, under Acting District Chief Patrick J. V. Kelley acted as the funeral escort.
2. Ladderman McAlvin was appointed to this department April 30, 1906.

BY ORDER OF THE FIRE COMMISSIONER:

Peter E. Walsh,
Chief of Department.

I. FIRE PREVENTION WEEK.

1. During the week ending October 8, in addition to the usual inspections by district and company officers, one member from each engine and ladder company, in its sub-district, will inspect the cellars and yards of stores, and the cellars, back-stairs and roofs of dwelling houses containing three or more families, with a view of causing the removal of combustible rubbish, obstructions to egress, etc. These inspections will be made between meal periods, viz., 10 A.M. to 12 M., and 3 P.M. to 5 P.M. Each inspector will submit to Headquarters daily the street and number of each building inspected.
2. The inspectors of the Fire Prevention Bureau will, during the week ending October 8, inspect the "High Value District" of the city for the purpose of causing the removal of combustible rubbish, articles blocking egress, and other simple but hazardous conditions tending to create a fire menace.
3. Lectures on Fire Prevention will be delivered by district and company officers in the various public schoolhouses, if requested to do so, also fire drills will be held during the week, District Chiefs will arrange, when requested, the time for lectures and drills with Masters of the Schools. The basis for such lectures will be as follows:
 - A. Statistics for 1920 show a property loss by fire of \$500,000,000. with an estimated loss of life of 15,000 persons.
 - B. Experts say that eighty percent of the above loss of life and property was due to carelessness.
 - C. One of the most prolific causes of loss of life and property from fire is the careless habit of permitting accumulations of waste combustible material in cellars, attics, etc.
4. The following are conditions which every scholar should observe:
 - D. Never put hot ashes in wooden barrels.
 - E. Caution children not to start or go near a bonfire, or to handle matches. Keep matches out of reach of small children.
 - F. Never hang clothing over a stove or stove-pipe.
 - G. Never enter a clothes closet with a lighted match, candle or lamp.

- H. Never use gasoline, ~~water~~ naphtha, or benzine in a room with an open flame, such as gas light or fire in stove - the vapors will catch the flames and cause an explosion.
 - I. Never start or refresh a fire in a stove by adding kerosene to the fuel.
 - J. Never leave a kerosene oil lamp or stove burning when you leave the house or when you are the last person to go to bed.
 - K. Never permit articles to obstruct a fire escape or stairway.
 - L. Report all conditions liable to cause fire to the nearest fire station and they will be promptly remedied.
 - M. Learn the location of the nearest fire alarm box to your dwelling, also the method of sounding an alarm of fire. (NOTE: Officers will, where possible, demonstrate the proper way to give an alarm)
 - N. Learn how to operate a fire extinguisher. (Note: Officers will demonstrate operation.)
 - O. After giving an alarm of fire through means of fire alarm box stand by box to direct firemen upon their arrival. (Note: Officers will state reason)
 - P. Never give a false alarm of fire.
5. Deputy Chiefs will arrange to carry out the following drills Monday, October 10, 1921:
- a. At various intervals during the day one ladder company and one engine company will respond to a public square. The engine company will connect two short lines to a hydrant and pass water through turret pipe on wagon. If wagon has no turret pipe a single line will suffice.
 - b. The ladder company, if an aerial, will raise the ladder, tip extended 10 or 15 feet and send man to top. If city service truck, raise two extension ladders. These operations will be carried out in such manner as to cause slight delay, if any, in responding to alarms.
 - c. While ladders are being made up an officer will talk to persons present on fire prevention, the subject of the talk to be along the lines of the subjects outlined for use

in the schools.

6. The department will give a demonstration of the use of flood lights and the "Magnavox" at fires on the night of Fire Prevention Day, October 10, 1921, at Fire Headquarters, Bristol Street, at 9 P.M.

By order of the Fire Commissioner:

Peter E. Walsh,
Chief of Department.

I. RETIREMENTS.

1. The following retirements are hereby announced to take effect at 9 A.M., Friday, October 7, 1921:

Engineer John B. McKay	Engine Co. 41
Engineer James H. Meehan	Engine Co. 32

2. Engineer McKay was appointed to this department as a call member September 10, 1877 and made a permanent man May 15, 1896. He became an assistant engineer July 2, 1897 and was promoted to engineer August 21, 1903.
3. Engineer Meehan was appointed to this department July 10, 1894, and became an assistant engineer May 7, 1897. He was promoted to engineer December 21, 1900.

II. HIGH PRESSURE.

1. On September 22, 1921, the following members of the department were designated to enter a school of instruction under Superintendent Eugene M. Byington of the Bureau of Supplies & Repairs, and Superintendent George L. Pickett of the Fire Alarm Branch, in preparation for assuming the positions of engineers and assistant engineers in the high pressure pumping stations at the Thirty-eight Station of the Edison Electric Illuminating Company and the Lincoln Power Station of the Boston Elevated Railway Company:

Engineer Winfred C. Bailey	Engine 22,
" William H. Hildreth	Engine 4
" Edward J. Twomey	Engine 1
" Francis Dolan	Engine 46
" Francis S. Oresteen	Engine 25
" John F. McDonough	Engine 50
Assistant Engineer James J. Higgins	Engine 19
" " Michael E. Kelliher	Engine 4
" " Egbert R. Murphy	Engine 9
" " John J. McNamara	Engine 4
" " Robert J. Callahan	Engine 6
" " Joseph F. Coleman	Engine 43

2. These men will attend in classes and watch the installation of the pumps, in addition to the instructions which they are to receive. Before assuming their duties they will be subject to an examination to determine whether or not they are competent.

III. RESCUE COMPANIES.

1. Members of the department will soon be designated to be educated and later detailed to form a second rescue company.
2. It will be the first time that a class of the department will be taught the use of oxygen masks. Lieut. Daniel J. Hurley of Rescue Co. 1 will have charge of the School of Instruction, not only for this class but subsequent classes made up of members of the various ladder companies.

IV. PROMOTIONS.

1. The following promotions are hereby announced to take effect at 9 A.M., Saturday, October 8, 1921:

Asst. Engineer	Thomas E. Cuddihy,	Engine 37	To Engineer
"	Joseph A. Fierling,	" 27	To Engineer
"	Joseph F. Hohman,	Engine 2	To Engineer
"	Alfred F.H. Outerbridge,	Eng. 23	To Engineer
"	Patrick Hart,	Engine 17	To Engineer
"	William R. Boyd,	Engine 38/39	To Engineer
"	Francis A. Nicholson,	Engine 13	To Engineer
Hoseman	Chesa Aspesi,	Engine 17	To Asst. Engineer
"	Leo Halder	Engine 37	To Asst. Engineer
"	Cornelius J. Sullivan,	Eng. 32	To Asst. Engineer
"	William E. Kelley,	Engine 18	To Asst. Engineer
"	Bernard J. Farren	Engine 36	To Asst. Engineer
"	George F. Moore,	Engine 3	To Asst. Engineer
"	John J. McNamara	Engine 4	To Asst. Engineer
"	Robert J. Callahan	Engine 6	To Asst. Engineer
"	Joseph F. Coleman	Engine 43	To Asst. Engineer
"	John J. Dwyer	Engine 40	To Asst. Engineer
"	John F.H. Fox	Engine 19	To Asst. Engineer
"	Arthur J. Short	Engine 41	To Asst. Engineer
"	Clarence A. Thompson,	Engine 46	To Asst. Engineer

V. TRANSFERS.

1. The following transfers are hereby announced to take effect at 9 A.M., Saturday, October 8, 1921:

Engineer	Edward J. Twomey	From Engine 1 to High Pressure Station.
"	William H. Hildreth,	From Engine 4 to High Pressure Station.
Engineer	Winfred C. Bailey,	From Eng. 22 to High Pressure Station.
"	Francis S. Oresteen,	" " 25 " " " "
"	Francis Dolan,	" " 46 " " " "
"	John F. McDonough	" " 50 " " " "

GENERAL ORDERS NO.69 - Page 3 (1921)

(TRANSFERS - continued)

Engineer	Thomas F. Ward,	From Eng. 3	to Engine 22
"	Thomas E. Cuddihy,	" " 37	to " 3
"	Aloysius A. Hart	" " 16	to " 4
"	William R. Boyd,	" " 38/39	to " 25
"	Joseph A. Pierling	" " 27	to " 50
"	Joseph F. Hohman	" " 2	to " 46
"	Alfred F.H.Outerbridge,	From Eng. 23	to Eng. 1
"	Patrick Hart,	From Eng.17	to Engine 16
"	Francis A. Nicholson,	From Eng. 13	to Engine 6
"	Charles F. Elsesser,	" " 6	" " 27
"	James P. Gillogly,	" " 27	" " 32

Asst.Engineer

"	James J. Higgins,	From Eng. 2	19 to High Pressure Station
"	Michael E. Kelliher	" " 4	to High Pressure Station
"	Egbert R. Murphy	" " 9	" " " "
"	John J. McNamara	" " 4	" " " "
"	Robert J. Callahan	" " 6	" " " "
"	Joseph F. Coleman	" " 43	" " " "
"	Thomas F. Callahan	" " 3	" Engine 4
"	Cornelius J. Sullivan	" " 32	" " 3
"	William E. Kelley	" " 18	" " 2
"	Bernard J. Farren	" " 36	" " 27
"	John J. Dwyer	" " 40	" " 9
"	Arthur J. Short	" " 41	" " 13
"	George F. Moore	" " 3	" " 38/39
"	Chesa Aspressi	(Assigned to same company	- Engine 17)
"	Leo Halder	" " " "	- Engine 37)
"	John F.H.Fox	" " " "	- Engine 19)
"	Clarence A. Thompson (" " " "	- Engine 46)

Hoseman	Thomas F. McGowan	From Engine 45	to Engine 3
"	William A. Hughes	" " 51	" Ladder 12
"	James A. Kennedy	" " 51	" Ladder 24
"	William J. McGrath	" " 18	" Engine 17
"	Francis B. Hanron	" " 28	" Engine 37
"	Frederick D. MacNeill	" " 45	" Engine 20
"	Frank A. Coyle	" " 9	" Engine 18
"	Joseph A. Gallagher	" " 4	" Engine 36
"	Patrick E. Collins	" " 34	" Engine 32
"	John F. Horgan	" " 27	" Engine 6
"	John J. Mahoney	" " 26/35	" Engine 27
"	Edward E. Hall	" " 49	" Engine 18
"	Daniel J. Wallace	" " 49	" Engine 19
"	Cornelius J. O'Brien	" " 40	" Engine 41
"	Warren P. Weymouth	" " 30	" Ladder 13

(TRANSFERS - continued)

Ladderman	Edward P. Hoyer	From Ladder 29	to Engine 26/35
"	John J. Collins	" " 12	" Ladder 29
"	Theodore Gallipeau	" " 16	" " 12
"	Thomas J. Sheridan	" " 15	" Rescue 1
"	Harold E. Boyd	" " 13	" Engine 46
"	John A. Cavanagh	" " 24	" Engine 23
"	John J. McGlinchey	" " 2	" Engine 4

VI. ASSIGNMENTS.

1. The following assignment of men on probation is hereby announced to take effect at 9 A.M., Saturday, October 8, 1921:

Albert F. Single	To Engine 51
John F. Haley	To Engine 45
Chauncey W. Griffin	To Engine 45
John F. O'Shea	To Ladder 2
William J. Tierney	To Engine 9
William F. Tracy	To Engine 34
Timothy F. Lydon	To Ladder 16
Archie Beaupre	To Engine 49
Charles M. Culhane	To Engine 40
Joseph H. Downey	To Engine 49
Henry H. Dionne	To Engine 40
Alexander A. Turley	To Engine 30
James L. Harrington	To Engine 51

By order of the Fire Commissioner:

Daniel F. Sennott,
Acting Chief of Department.

GENERAL ORDERS
NO. 70

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, OCTOBER 14, 1921.

I. NEW RUNNING CARDS.

1. Mimeograph copies of the new running cards are ready for distribution, but are not to become effective until further notice. District and company commanders will carefully study these copies and report any errors in the assignments of their respective commands on or before Monday, October 24, 1921.
2. District Chiefs will send a messenger to Headquarters at once for copies of these running cards for their respective districts.
3. When the above cards become effective a special running card will be provided for Chemical Companies 5, 7 and 10.

II. NEW FIRE ALARM BOXES.

1. The following new fire alarm boxes will shortly be established:

Box 1288: Federal Reserve Bank Building, Franklin and Pearl streets. Running card to be the same as for box 1284 and will be connected into circuit No. 15.

Box 2214: Lenox Street Car House, Boston Elevated Railway Co. Running card to be the same as for box 2215 and will be connected into circuit No. 22.

By order of the Fire Commissioner:

Daniel F. Sennott,
Acting Chief of Department.

I. PROMOTIONS.

1. The following promotions are hereby announced to take effect at 9 A.M., Friday, October 28, 1921:

Asst. Engineer Malcolm McIntosh of Eng. 26/35 to Act. Engineer.
Hoseman Thomas P. Reilly of Eng. Co. 16 to Asst. Engineer.

II. TRANSFERS.

1. The following transfers are hereby announced to take effect at 9 A.M., Friday, October 28, 1921:

2. Engineer James P. Gillogly from Engine 32 to the Bureau of Supplies & Repairs. In addition to his duties at the Repair Shop he will be qualified as substitute engineer at the High Pressure Pumping Stations.

3. Captain James Mahoney, at his own request, is relieved from the duties of Drill Master and transferred from Water Tower 2 to Engine Co. 38/39.

4. Captain Mahoney has been Drill Master since April 3, 1913, during which time he has faithfully and efficiently performed the important duties assigned him.

5. Captain Charles A. Donohoe, in addition to his other duties, is hereby assigned as Drill Master of the department.

Captain John E. Redman	From Engine 38/39 to Engine 51.
Engineer William P. Kehoe	From Engine 8 to Engine 32
Engineer Joseph A. Fierling	From Engine 50 to Engine 8
Act. Engineer Malcolm McIntosh	From Engine 26/35 to Engine 50
Asst. Engineer Thomas P. Reilly	From Engine 16 to Engine 26/35

III. HIGH PRESSURE.

1. The following members of the department are designated to enter a school of instruction under Superintendent Eugene M. Dyrington of the Bureau of Supplies and Repairs and Superintendent George L. Bickett of the Fire Alarm Branch. These men, at such times as will not interfere with their duties in the companies to which they are attached, will be instructed so as to act as substitute engineers in the high pressure pumping stations:

Engineer Thomas F. Medrington

Engine 45

III. HIGH PRESSURE (continued)

Engineer Daniel J. Murphy	Engine 19
Engineer Charles F. Elsesser	Engine 27
Engineer William J. Foster	Engine 43
Engineer Aloysius A. Hart	Engine 4
Asst. Engineer William J. Linsky	Engine 38/39
Asst. Engineer Charles B. Lynch	Engine 43
Asst. Engineer Cornelius J. Sullivan	Engine 3
Acting Asst. Engineer William E. Dower	Engine 6

IV. MOTOR APPARATUS.

1. On October 18, 1921 an American LaFrance combination pumping engine and hose car, 750 gallons capacity, was installed in the quarters of Engine Co. 30, replacing the horse drawn steam fire engine and a horse drawn hose wagon. The horse drawn apparatus was placed in reserve and the horses delivered to the Veterinary Hospital.
2. On October 19, 1921 an American LaFrance combination pumping engine and hose car, 750 gallons capacity, was installed at the quarters of Engine Co. 16, replacing the horse drawn steam fire engine and horse drawn hose wagon. The horse drawn apparatus was placed in reserve and the horses were delivered to the Veterinary Hospital.

V. RETIREMENT.

1. The following retirement, which took effect October 14, 1921 is hereby announced:

Asst. Engineer Garfield R. LaPlante of Engine Co. 32. Asst. Engineer LaPlante was appointed to this department December 8, 1905, and was made an assistant engineer February 6, 1914.

VI. AIDES.

1. A rating of "Aide to Deputy Chief" is hereby established for the chauffeurs and telegraphers for the Deputy Chiefs in charge of Divisions One, Two and Three.
2. On and after Friday, October 28, 1921, the following named men will be known as "Aide to Deputy Chief":

Joseph A. Hayner	Ladder 4
Joseph H. McLaughlin	Ladder 3
Francis Kehoe	Ladder 13

A rating of "Aide to Chief" is hereby established for the chauffeurs and telegraphers assisting the Chief of Department.

BY ORDER OF THE FIRE COMMISSIONER:

Peter E. Walsh,
Chief of Department.

GENERAL ORDERS N
NO. 73

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, NOVEMBER 1, 1921.

I was duly appointed Fire Commissioner in accordance with the provisions of chapter 486 of the Acts of 1909 for the term ending April 30, 1923. I assumed the office February 17, 1919.

I have resigned the office of Fire Commissioner to take effect November 1, 1921.

The department, at the time of my acceptance of the office of Fire Commissioner, and commencing with December 1916, had failed to maintain its former standard of efficiency according to the report of the National Board of Fire Underwriters. This inefficiency, it was claimed, could be traced to the lack of progress on the part of the officials.

In February, 1921, the same Board of Fire Underwriters, reported in regard to the department as follows:

"The fire service as a whole is among the best of the metropolitan departments. As a whole, the department may be rated as well managed, adequately manned and properly trained and equipped. With the further improvements contemplated by the administration, it should take high rank among the other metropolitan departments. Under the present capable and progressive administration, the Boston Fire Department has resumed, and in some cases surpassed, its former standard of efficiency."

The present position of the Boston Fire Department, which in my judgement is second to none in the country, has been accomplished by two years of hard and continuous work. It could not have been accomplished without the cooperation of the officers and members of the department, and the unqualified support of His Honor, the Mayor, the District Chiefs,

I thank the chief of department, the deputy chiefs, the captains, the lieutenants and the members of the fire fighting force, the headquarters staff, the officers and personnel of the Bureau of Supplies and Repairs, the officers and personnel of the Fire Alarm Branch, the Wire Division, the Fire Prevention Bureau and the Veterinary Hospital, for the united support that I have received from them during my term of office. My relations have been of the most pleasant, and I leave the office of Fire Commissioner with deep regret.

The two years that I have spent in the Fire Department have been among the happiest of my life, not only because of what has been accomplished in the betterment of the conditions in the department, but because of the morale which has at all times been displayed by every member of the force in the performance of their duty.

John R. Murphy,
Fire Commissioner.

GENERAL ORDERS
NO. 74

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, NOVEMBER 3, 1921.

I. PROMOTION.

1. The following promotion is hereby announced to take effect at 9 A.M., Friday, November 4, 1921:

Acting Engineer Malcolm McIntosh of Eng. Co. 50 to Engineer.

II. ASSIGNMENTS.

1. The following assignments are hereby announced to take effect at 9 A.M., Friday, November 4, 1921:

William E. Bills assigned to Engine Co. 40
Joseph A. Dolan, Jr., assigned to Engine Co. 30
Alfred P. Toner assigned to Engine Co. 16

III. TRANSFERS.

1. The following transfer which took effect at 9 A.M. October 7, 1921 is hereby announced:

Hoseman Thomas E. Holland of Engine Co. 8 To Fire Prevention Bur.

2. The following transfers which took effect at 9 A.M. October 28, 1921 are hereby announced:

Hoseman Cornelius J. Sullivan From Eng. 8 to Fire Prevention Bureau.

Hoseman Frederick J. Cross From Eng. 29 to Fire Prevention Bureau.

3. The following transfers are hereby announced to take effect at 9 A.M., Friday, November 4, 1921:

Architect & Engineer James T. Ball	From Wire Division to the Bureau of Supplies & Repairs.
Hoseman John J. Francis	From Engine 44 to Lad. 18
Hoseman Peter J. Burns	From Engine 30 to Chem. Co. 13
Hoseman Joseph P. Newman	From Engine 50 to Engine 8
Hoseman John T. McPhee	From Engine 40 to Engine 8
Hoseman Miles E. Tennihan	From Engine 8 to Engine 32
Hoseman George A. Whalen	From Engine 16 to Engine 46
John P. O. Craig	From Motor Squad to Tower 2

IV. RETIREMENTS.

1. The following retirement which took effect at 9 A.M., November 14, 1921, is hereby announced:

James P. Rose of the Fire Prevention Bureau. Hoseman Rose was appointed to this department February 15, 1907.

2. The following retirement is hereby announced to take effect at 9 A.M., November 4, 1921:

Daniel F. McGillicuddy of the Fire Prevention Bureau. Ladderman McGillicuddy was appointed to this department November 3, 1913

By order of the Acting Fire Commissioner:

Peter E. Walsh,
Chief of Department.

GENERAL ORDERS
NO. 75

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, NOVEMBER 8, 1921.

The following is published for the information
and guidance of the Fire Department:

CITY OF BOSTON
OFFICE OF THE MAYOR

November 1, 1921.

Mr. Joseph P. Manning,
66 Crawford Street,
Roxbury, Mass.

Dear Sir:

I have today appointed you Acting
Fire Commissioner in place of John R. Murphy,
resigned.

Very truly yours,
(Signed) Andrew J. Peters,
Mayor.

In accordance with the above communication I
have assumed charge of the Boston Fire Department.

Joseph P. Manning,
Acting Fire Commissioner.

GENERAL ORDERS
NO. 76

HEADQUARTERS FIRE DEPARTMENT.
BOSTON, NOVEMBER 4, 1921.

I. OVERCOATS.

1. Overcoats that have been in storage will be delivered, for each district, to the District Headquarters, and from these stations issued to the members of the department for whom they are marked. A blanket receipt will be given to the driver of the Department Supply Truck by the officer in charge of the fire station at the time the overcoats are delivered in bulk. With each overcoat a form is sent bearing the name and company of the member, and a blank line for his signature. On receipt of the garments the members will sign the individual receipts, which will be collected and forwarded to the Bureau of Supplies and Repairs for checking up.

II. CHANGES AND CORRECTIONS
IN MIMEOGRAPH COPIES OF NEW RUNNING CARD.

1. Company Commanders will have the following changes and corrections made in the mimeograph copies of the new running card which were sent out with General Orders No. 73, c.s.. Great care will be used in order that the mimeograph sheets will not be torn or mutilated in any way.

Box 644 Drop Eng. 40 on 1st alarm Add Eng. 11 on 1st alarm
Drop Eng. 11 on 2nd alarm Add Eng. 40 on 2nd alarm

Box 645 Drop Eng. 40 on 1st alarm Add Eng. 11 on 1st alarm
Drop Eng. 11 on 2nd alarm Add Eng. 40 on 2nd alarm

Box 1415 Add Eng. 3 on 2nd alarm

Box 1441-1442 Drop Eng. 42 to Eng. 20 Add Eng. 42 to Eng. 26 on
the 6th alarm cover.

Box 1458-1471-1472-1474 Drop Rescue 2 on 1st alarm. Add Tower 2
on 1st alarm

Box 1514-1517 Drop Lad. 8 on 2nd alarm Add Lad. 15 on 2nd alarm
Drop Lad. 15 on 3rd alarm Add Lad. 8 on 3rd alarm
Drop Lad. 18 to Lad. 8 on 2nd alarm cover
Add Lad. 12 to Lad. 15 on 2nd alarm cover
Drop Lad. 12 to Lad. 15 on 3rd alarm cover
Add Lad. 18 to Lad. 8 on 3rd alarm cover

Box 1536 Drop Eng. 26 on 1st alarm Add Eng. 22 on 1st alarm
Drop Eng. 22 on 2nd alarm Add Wng. 26 on 2nd alarm

Box 1583-1584-1594 Drop Eng. 24 to Eng. 33 on 5th alarm cover
Add Eng. 34 to Eng. 33 on 5th alarm cover

Box 1625 Add Eng. 44 on 1st alarm
Add Eng. 31 on 2nd alarm

GENERAL ORDERS NO. 76 - Page 2 - (1921)

Box 1646-1652-1654-1655-1667 Add Rescue Co. 1 on 2nd alarm

Box 2276 Add Tower 2 on 3rd alarm

Box 2333-2334-2335-2336-2337-2338-2339-2381-2382-2383-2388
Add Eng. 51 to Eng. 41 on 3rd alarm cover

Box 2394 - Add Tower 2 on 3rd alarm

Box 3218-3219-3221-3223-3224-3225-3226-3235-3236-3237-3241-3242
3243-3244-3245-3247-3251-3252-3253-3254-3256
Drop Eng. 51 to Eng. 14 on 5th alarm cover
Add Eng. 51 to Eng. 41 on 5th alarm cover

Box 3231-3232-3233-3234
Drop Eng. 53 to Eng. 23 on 3rd alarm cover
Add Eng. 53 to Eng. 24 on 3rd alarm cover

Box 3741-3742-3743-3744
Drop from the present group and add to the group headed
by box 3745

Box 7112-7113-7118
Drop Eng. 38 on 1st alarm Add Eng. 39 on 1st alarm
Drop Eng. 39 on 2nd alarm Add Eng. 38 on 2nd alarm

Box 711-7111-7114-7116-7117-7118-7121-7122-7123-7124-7131-7132-
7135-7136-714-7145-7146
Drop Eng. 38 on 1st alarm Add Eng. 39 on 1st alarm
Drop Eng. 39 on 3rd alarm Add Eng. 38 on 3rd alarm

Box 7161
Add Eng. 31 on 1st alarm Add Eng. 44 on 2nd alarm

Box 2451
Add Lad. 26 on 3rd alarm Add Tower 2 on 3rd alarm
Add Lad. 16 re Lad. 10 on 3rd alarm cover.

III. ARMISTICE DAY.

1. By order of His Honor, the Mayor, flags on all buildings of the department will be at half-mast through Armistice Day, Friday, November 11, 1921.

By order of the Acting Fire Commissioner:

Peter E. Walsh,
Chief of Department.

GENERAL ORDERS
NO. 77

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, NOVEMBER 10, 1921.

I. PARADE IN HONOR OF
MARSHAL FERDINAND FOCH .

1. Members of the department who are veterans of the World War, who are desirous of participating in the parade in honor of Marshal Ferdinand Foch on Monday, November 14, 1921 will make requests for leaves of absence from 12 M. to 7 P.M. on that day. These requests must be forwarded at once, through official channels, so as to be acted upon Saturday, November 12, 1921.

2. Because of the large number of members of the department who served in the World War who may desire to parade it may be necessary to arrange for exchange of days off. Officers in forwarding requests for leave of absence will report what exchange of days off can be made in their respective commands.

3. Members of the department, who are to participate in the parade, are directed to report to Ladderman Coleman C. Curran of Ladder Co. 4 at the corner of Massachusetts Ave., and Boylston Street at 1.15 P.M., Monday, November 14, 1921.

4. The regulation uniform of this department, with white gloves, white standing collar and corporation badge will be worn. Badges or medals connected with the World War, or American Legion Posts may be worn side of the corporation badge.

II. TRANSFERS.

1. The following transfers are hereby announced to take effect at 9 A.M., Friday, November 11, 1921:

Ladderman William O. Cheswell	From Ladder 18 to Ladder 5
Probationer William E. Bills	From Engine 40 to Engine 5

By order of the Acting Fire Commissioner:

Peter E. Walsh,
Chief of Department.

GENERAL ORDERS
NO. 79

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, NOVEMBER 17, 1921.

I. ASSIGNMENT.

1. The following assignment of a man on probation is hereby announced to take effect at 9 A.M., Friday, November 18, 1921:

Rupert E. Hutchinson

To Ladder 22.

II. TRANSFERS.

1. The following transfers are hereby announced to take effect at 9 A.M., Friday, November 18, 1921:

Francis J. McCabe

From Tower 3 to Engine 29

John J. O'Brien

From Engine 29 to Tower 3

John F. Sampson

From Ladder 14 to Ladder 18

John H. Coakley

From Ladder 18 to Engine 40

Timothy J. Donovan

From Ladder 22 to Ladder 14

William E. Bills

From Engine 5 to Engine 50

III. MOTOR APPARATUS.

1. On October 28, 1921, an American LaFrance motor driven combination pumping engine and hose car, with rated pump capacity of 750 gallons per minute, was installed with Engine Co. 18, replacing a horse drawn steam fire engine and a horse drawn hose wagon. The replaced horse drawn apparatus was placed in reserve and the horses delivered to the Department Veterinary Surgeon.

2. On October 29, 1921, an American LaFrance motor driven combination pumping engine and hose car, with rated pump capacity of 750 gallons per minute, was installed with Engine Co. 20, replacing the horse drawn steam fire engine and horse drawn hose wagon. The replaced horse drawn apparatus was placed in reserve and the horses delivered to the Department Veterinary Surgeon.

IV. AMERICAN RED CROSS.

1. The attention of the Department is called to the following letter received from His Honor the Mayor:

MAYOR'S OFFICE

November 3, 1921.

"Gentlemen:

The Fifth Red Cross Roll Call is now on! This splendid organization must have funds to carry on its activities. The wonderful service rendered by the Red Cross during the war is now history. But it continues to render help and to alleviate suffering in all parts of the world. It also stands ready at all times to render service here in our own

City of Boston. All this work requires money and heretofore employees of the City have responded generously to the call, will you not endeavor to do as well this time ?

Very truly yours,

/s/ Andrew J. Peters,
Mayor.

2. The Acting Fire Commissioner urges all the members of the department to give serious consideration to this appeal of His Honor the Mayor in behalf of the American Red Cross. He hopes that everyone will cooperate and give the Fire Department a 100 percent enrollment.
3. Company Commanders will forward to the Acting Fire Commissioner, through official channels, the names and addresses of the members of their company who desire to renew their membership or become members of this great organization. Each name should be accompanied by one dollar, the annual dues. Membership cards and Red Cross buttons will be forwarded immediately to the members subscribing. All returns should be forwarded not later than Wednesday, November 24, 1921.

By order of the Acting Fire Commissioner:

Peter E. Walsh,
Chief of Department.

I. MEAL PERIODS FOR THANKSGIVING AND CHRISTMAS.

1. The Fire Commissioner is authorized by His Honor the Mayor, to grant two additional hours for meal periods on Thanksgiving Day and Christmas Day this year.
2. After breakfast hour in each company the meal periods will be divided as follows:

From 11 A. M.	to	2 P.M.
From 2 P. M.	to	5 P.M.
From 5 P. M.	to	8 P.M.
3. Not more than one-third of each company will be allowed to go to meals at one time.

By order of the Acting Fire Commissioner:

Peter E. Walsh,
Chief of Department.

GENERAL ORDERS
NO. 81

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, NOVEMBER 23, 1921.

I. DRILL SCHOOL.

1. The following members on probation will report to Captain Charles A. Donohoe, Department Drillmaster, for instructions Friday, November 25, 1921.
2. There will be two sessions daily, one at 10 A.M. and one at 2 P.M. All members attending will continue for instructions each day until the course is completed.
3. The following named members will attend the morning session:

John F. O'Shea	Ladder 2
Charles E. Culhane	Engine 40
William E. Bills	Engine 50
Michael J. Maher	Ladder 11
Albert F. Single	Engine 51
Henry C. Bateman	Engine 49
David P. Sullivan	Engine 48
James H. McMinn	Engine 45
Clarence E. Weiss	Ladder 6
Henry F. Hayes	Chemical 11
James F. Haley	Engine 45
Alexander A. Turley	Engine 30
Christopher J. Melia	Chemical 13

4. The following members will attend the afternoon session:

William J. Kelly	Engine 5
William J. Tierney	Engine 9
Henry H. Dionne	Engine 40
Rupert E. Hutchinson	Ladder 22
William F. Tracy	Engine 34
James L. Harrington	Engine 51
Ralph A. MacKinnon	Engine 48
Chauncey W. Griffin	Engine 45
Archie Beaupre	Engine 49
Timothy F. Lydon	Ladder 16
Joseph H. Downey	Engine 49
Alfred P. Toner	Engine 16
Joseph A. Dolan, Jr	Engine 30

By order of the Acting Fire Commissioner:

Peter E. Walsh,
Chief of Department.

GENERAL ORDERS
No. 82

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, DECEMBER 1, 1921.

I. NEW FIRE ALARM BOXES.

1. The following new fire alarm boxes will be shortly be established:

Box 7231: Dorchester Avenue, near Old Colony Avenue; assignments to be the same as for box 7212; and it will be connected into circuit No. 63.

Box 7417: East Eighth and Old Harbor streets; assignments will be the same as for box 7416 and it will be connected into circuit No. 11.

II. MOTOR FIRE APPARATUS.

1. On October 31, 1921, the American-LaFrance motor driven aerial ladder in service with Ladder Co.1 was replaced by an American-LaFrance 4-wheel tractor, type 17, attached to a Seagrave 85' aerial ladder truck that was formerly with Ladder Co.8. The American-LaFrance motor driven aerial truck was taken out of service with Ladder Co.1 and placed in reserve.

III. RETIREMENT.

1. The following retirement which took effect at 9 A.M., Friday, November 25, 1921, is hereby announced:

Engineer Francis W. Sweeney of Engine Co.42. Engineer Sweeney was appointed to this department May 24, 1889. He was promoted to assistant engineer October 18, 1895 and to engineer June 19, 1903.

IV. ASSIGNMENT.

1. The following assignment of a man on probation is hereby announced to take effect at 9 A.M. Friday, December 2, 1921:

William T. Hogan

To Engine 47.

V. PROMOTIONS.

1. The following promotions are hereby announced to take effect at 9 A.M. December 2, 1921:

Engineer Edward E. Williamson of Eng.26/35 to be Supervisor of Motor Apparatus (Provisional)

(over)

(V. PROMOTIONS - Continued)

Asst. Engineer John L. Geary of Eng. 41 to Engineer.
" " Edward J. Haley of Eng. 40 to Engineer.
Hoseman John R. Harrington of Eng. 26/35 to Asst. Engineer
" John J. Corcoran of Eng. 48 to Asst. Engineer.
Ladderman John H. Norton of Ladder 25 to Asst. Engineer.

VI. TRANSFERS.

1. The following transfers are hereby announced to take effect at 9 A.M. December 2, 1921:

Supervisor of Motor Apparatus Edward E. Williamson to Bureau of
Supplies and Repairs.
Engineer Malcolm McIntosh of Engine Co. 50 to Engine Co. 26/35
" John L. Geary of Engine Co. 41 to Engine Co. 50
" Thomas E. Cuddihy of Engine Co. 3 to Engine Co. 42
" Francis A. Nicholson of Engine Co. 6 to Engine Co. 3.
" Edward J. Haley of Engine Co. 40 to Engine Co. 6
Asst. Engineer John J. Corcoran of Engine Co. 48 to Engine Co. 40
" John H. Norton of Ladder Co. 25 to Engine Co. 41
Hoseman Frank I. Benford of Engine Co. 27 to Engine Co. 50
" John F. Doherty of Engine Co. 50 to Engine Co. 5
" William J. Rooney of Engine Co. 5 to Ladder Co. 27
" Thomas F. Lydon of Engine Co. 49 to Ladder Co. 18
" Thomas J. Sheridan of Rescue Co. 1 to Ladder Co. 18
Ladderman Walter Kormann of Ladder Co. 18 to Chemical Co. 13
" James Lettman of Ladder Co. 18 to Engine Co. 27
" Dennis J. Coughlin of Ladder Co. 18 to Rescue Co. 1
" Patrick F. Mullane of Ladder Co. 27 to Ladder Co. 18

By order of the Acting Fire Commissioner:

Peter E. Walsh,
Chief of Department.

I. RULES GOVERNING HIGH PRESSURE SYSTEM.

1. All messages will be transmitted from the scene of the fire to the fire alarm office; those pertaining to water pressure will be retransmitted to the pumping stations by the fire alarm operator

In the lower section of each fire alarm box post in the high pressure zone a jack or receptacle has been placed. These jacks are connected into two special circuits, numbered 106 and 107, which run to the fire alarm office.

Each Chief Officer who is liable to be called to the high pressure zone will be supplied with a portable telegraph set and a portable telephone. Each instrument has a plug attached which when inserted into one of the aforesaid jacks will connect the instrument into the circuit.

Upon arrival at a box, when responding to a fire, the chief's driver will connect his telegraph set and call the office in the usual way, giving the number of the box where he is stationed.

If, when the plug is inserted, no action of the sounder is obtained, it can be taken for granted that the circuit is open and the present method of using the key and sounder in the fire alarm box will be used.

All important messages must be telegraphed in order that automatic records may be made.

Immediately preceding the transmission by telegraph of any message, signal, or order between the fire alarm box and office, the transmitting operator will give a series of taps on telegraph key and follow same with his code signature, the operator will then await response to his call before proceeding. The receiving operator will, when prepared to receive, respond with "i i" and his code signature, but if conditions compel delay, he may give the "wait" signal until ready to receive.

On completion of all messages, signals, orders transmitted by telegraph, the transmitting operator must give his code signature and the receiving operator must give his O.K. and signature.

Telegraphers are cautioned not to answer calls other than their own. Care must be observed in noting the calling signature given.

In order to make messages brief the following code signals will be used for those messages most commonly used. On receipt of code signals, the receiving operator must repeat the signal received and the transmitting operator will then confirm signal with his O.K. and signature.

CODE SIGNALS.

Increase pressure	--- -- --
Decrease pressure	--- -- --
Stop pumps	--- -- --
100 pounds	--- -- --
125 "	--- -- --
150 "	--- -- --
175 "	--- -- --
200 "	--- -- --
225 "	--- -- --
250 "	--- -- --
275 "	--- -- --
300 "	--- -- --
Use telephone	--- -- --

Example # 1.

Increase pressure to 175 lbs.

--- -- --

Decrease pressure to 125 lbs.

--- -- --

Fire alarm operator desires to talk with man at box.

--- -- --

Man at box desires to talk with fire alarm operator:- Inserts plug attached to telephone three times.

The telephone will be used only to verify telegraph messages or for unimportant messages.

To use telephone insert plug attached to same in jack three times which is a signal to the fire alarm operator that a telephone connection is desired.

Press the button on the telephone and keep it pressed until the conversation is ended.

When through telephoning disconnect telephone and connect telegraph set. The telegrapher at the box can only be called by telegraph.

Covers will be provided to keep water out of the fire alarm box.

The portable instruments should not be exposed to rain, or water from the hose. When returning from a fire if the cord is wet it should be dried before being put away.

Chief's drivers will be held responsible for the proper care of instruments.

2. Jacks are installed in the lower section of the following box posts:-

No. 106 circuit.

1211	1274	1342	1471
1212	1281	1423	1491
1213	1282	1425	1511
1214	1284	1441	1514
1263	1311	1443	1531
1271	1313	1451	
1272	132	1461	
1273	1321	1463	

No. 107 circuit.

1221	1252	1285	1335
1234	1253	1286	1411
1242	1254	1291	1412
1243	1256	1292	1421
1244	1257	1293	1422
1245	1261	1294	1431
1246	1262	1323	1432
1251	1263		1433
		1332	
			1434
			1435

3. PUMPING STATIONS AND OPERATION.

The pumping station in the Lincoln Power House, (Boston Elevated Railway Company) will be known as High Pressure Station No. 1.

The pumping station in the Edison Power Station (Atlantic Ave) will be known as High Pressure Station No. 2.

Station No. 1 is equipped with two Worthington pumps of 4500 gallons capacity, each directly connected to a 750 H. P. Westinghouse steam turbine.

Station No. 2 is equipped with two Worthington pumps of 4500 gallons capacity, each directly connected to a Westinghouse motor, 750 H.P. 220 volts. Current is supplied from the Edison system.

A special signal circuit (#195) has been run to the pumping stations from the Fire Alarm Office for the transmission of the messages relating to pressure in the water mains. The stations are also equipped with tappers, registers, gongs and department telephones.

In order to give each station its proportionate part of work the high pressure zone is divided into two divisions, "A" and "B".

Upon receipt of an alarm from Division "A" a pump will be started in Station 1 and the pressure increased to 125 lbs. If a second pump is needed # 2 pump in the same station will be used. If a third or fourth pump is needed the engineer of Station # 1 will order Station # 2 to start pump.

Upon receipt of an alarm from Division "B" a pump will be started in Station # 2 and the pressure increased to 125 lbs. If a second pump is needed # 2 pump in the same station will be used. If a third or fourth pump is needed the engineer of Station # 2 will order Station # 1 to start pump.

The engineer in charge of station where the first pump is started will be responsible for the pressure.

If there is a fire in Division "A" and a pump in Station # 1 is operating and an alarm is received from Division "B"

no more pumps will be started until needed to maintain the pressure.

If there is a fire in Division "B" and a pump in Station # 2 is operating and an alarm is received from Division "A" no more pumps will be started until needed to maintain the pressure.

Pumps will be shut down upon the receipt of the "ALL OUT" signal or before the "ALL OUT" signal by orders of the officer in charge at the fire.

BOXES IN DIVISION "A".

1211	1243	1259	1281	1325
1212	1244	1261	1311	1326
1213	1245	1262	1312	1327
1214	1246	1263	1313	1331
1221	1251	1264	1315	1332
1234	1252	1265	1316	1335
1235	1253	1266	132	1342
1236	1254	1267	1321	
1241	1256	1271	1323	
1242	1257	1272	1324	

BOXES IN DIVISION "B"

1273	1286	1295	1422	1433	1445
1274	1288	1411	1423	1434	1446
1282	1291	1412	1424	1435	1447
1283	1292	1413	1425	1441	1451
1284	1293	1414	1431	1442	1452
1285	1294	1421	1432	1443	1453
1454	1463	1511	1531		
1457	1471	1512			
1458	1474	1513			
1461	1475	1514			
1462	1491	1517			

Between the fire alarm office and the pumping stations or between stations code signals only will be transmitted. The engineer receiving signal will repeat it for confirmation.

The engineer, at the end of each signal which he may transmit or which after receiving repeats, will give the number of his station, that is, two taps for station # 1, and three taps for Station # 2. Signals must be transmitted with moderate speed.

If the fire alarm operator desires to signal either station in particular he will first give the station code number before transmitting the code signal.

Signals without station code number transmitted by fire alarm operator will be answered by the engineer of the first station to start.

Orders must be given by the engineer of one station to the engineer of the other station by telegraph. The following code signals to be used:

Start # 1 pump	-- -- -----
Start # 2 pump	-- -- -----
Stop one pump	--- - -----
Stop both pumps	--- -- -----

In case the high pressure system is out of service, due to broken mains, or to other causes, the following signal will be struck on tappers: - 8 blows repeated once

When it is restored:-

High Pressure system O.K.

9 blows	repeated once
-----	-----

Upon receipt of the signal 8-8 Engine companies responding to alarms in the High Pressure zone will proceed to connect engines to low service hydrants in the same manner as previous to the installations of the high pressure system.

If a water main in the high pressure system should break during a fire in the high pressure zone, the fire alarm operator will, upon receipt of such information, notify the engineers of the pumping stations who will immediately stop the pumps. Immediate notification will also be given the commanding officer at the fire, and the Water Department.

(NOTE):- The engineer of the pumping station will be able to judge whether or not it is a high pressure pipe that is broken by observing the meters.

By order of the Acting Fire Commissioner:

Peter E. Walsh,
Chief of Department.

GENERAL ORDERS
NO. 84

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, DECEMBER 17, 1921.

I. HIGH PRESSURE SYSTEM.

1. The new High Pressure System will be in operation on and after 9 A.M., Monday, December 19, 1921, and all rules, regulations and instructions governing the operation of this system will be carefully observed and strictly enforced

II. NEW RUNNING CARD.

1. The new running card which was issued in mimeograph form on October 14, 1921, will become effective at 9 A.M., Monday, December 19, 1921.
2. The new assignment cards will be issued shortly.

III. NEW ENGINES COMPANIES.

1. At 9 A.M. Monday, December 19, 1921, the following changes will become effective:
2. Chemical Co. 11 will be disbanded and the American-LaFrance combination hose and chemical car in service with that company will be placed in reserve.
3. A new company known as Engine Co. 52 will be established in the quarters formerly occupied by Chemical Co. 11 with an American-LaFrance 750 gallon motor driven combination pumping engine and hose car.
4. Chemical Co. 13 will be disbanded and the Knox combination hose and chemical car in service with that company will be placed in reserve.
5. A new company known as Engine Co. 53 will be established in the quarters formerly occupied by Chemical Co. 13 with a Seagrave 750 gallon motor driven, triple combination pumping engine.

IV. MOTOR APPARATUS.

1. At 9 A.M., Monday, December 19, 1921 a 1,000 gallon American-LaFrance motor driven combination pumping engine and hose car, and an American-LaFrance motor driven combination hose and chemical car will be installed in the quarters of Engine Co. 1, replacing a Seagrave motor driven triple combination pumping engine. The Seagrave engine will be placed in reserve.

IV. MOTOR APPARATUS (continued)

2. At 9 A.M., Monday, December 19, 1921, a 750 gallon Seagrave motor driven triple combination pumping engine will be installed in the quarters of Engine Co.2 replacing a horse drawn steam fire engine, hose wagon and five horses. The old apparatus will be placed in reserve and the horses turned over to the Veterinary Surgeon.
3. At 9 A.M., Monday, December 19, 1921 a 750 gallon American-LaFrance motor driven combination pumping engine and hose car and a Knox motor driven combination hose and chemical car will be installed in the quarters of Engine Co.11, replacing a Seagrave motor driven triple combination pumping engine. The replaced apparatus will be placed in reserve.

V. NEW FIRE ALARM BOXES.

1. The following new fire alarm boxes will shortly be established:

Box 1548, John Hancock Building, Clarendon Street, connected into Circuit No. 47. Assignment of apparatus will be the same as for box 1538.

Box 7125, U. S. Army Supply Base, Summer Street, connected into circuit No.33. Assignment of apparatus will be the same as for box 7124.

By order of the Acting Fire Commissioner:

Peter E. Walsh,
Chief of Department.

I. RULES GOVERNING HIGH PRESSURE
SERVICE.

xx The following rules governing the high pressure service will become effective at 9 A.M., Monday, December 19, 1921:

1. Engine companies responding to alarms in the High Pressure zone shall not connect pumpers (steam fire or gasoline) to high pressure hydrants.
2. Pumpers shall not approach nearer than 300 feet of the building on fire, unless otherwise ordered by the officer in charge of the fire.
3. Gauges are provided each engine company responding to alarms in the high pressure zone. Engineers shall place a gauge on each outlet of a hydrant to which lines of hose are to be operated inside buildings, from ladders, fire escapes, etc.
4. Full pressure will be given to lines of hose run into towers, turret pipes on wagons and when called for through deluge sets.
5. When play pipe is open the gauge will show the working pressure; when closed the gauge will show the corresponding pressure in the water main.
6. The engineers must consider the independent gates on high pressure hydrants as engine throttles, and shall give pressure corresponding to the work required, having in mind the length of hose lines run from the various outlets.
7. They shall charge lines of hose on receipt of the word for water by opening the independent gate SEVEN (7) turns and allowing line to fill.
8. They shall consider the friction loss on long lines of hose, allowing approximately 14 lbs. to each 100 ft. length, and 5 lbs. to each 10 ft. elevation.
9. If a line is being operated and the pressure shows a gradual increase the hydrant operator must immediately reduce the pressure to that originally set. This change signifies that the pressure has been increased at the station.
10. Pipemen are cautioned when opening play pipes, after shutting down, to open same slowly and carefully in order to avoid injury to themselves and others due to back pressure.

By order of the Acting Fire Commissioner:

Peter E. Walsh,
Chief of Department.

GENERAL ORDERS
NO. 86

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, DECEMBER 17, 1921.

I. ASSIGNMENTS.

1. The following assignments of men on probation are announced to take effect at 9 A.M. Monday, December 19, 1921:

Alfred E. J. Snow	To Engine Co.49
Pearson J. Powers	To Engine Co.49
John F. Howard	To Engine Co.48
Daniel E. Driscoll	To Engine Co.53
Frank H. Fey	To Engine Co.34
William H. Anderson	To Ladder Co.28
George E. Adams	To Engine Co.41
John J. Kenneally	To Engine Co.36
John J. Maughan	To Engine Co.52
Edward J. Gaughan	To Ladder Co.25

II. PROMOTIONS.

2. The following promotions are hereby announced to take effect at 9 A.M., Monday, December 19, 1921:

Lieutenant James J. Lunny of Chemical 11	To Captain
Lieutenant Daniel J. Hurley of Rescue 1	To Captain
Lieutenant John P. Walsh of Chemical 7	To Captain
Engineer John F. McDonough of High Pressure	Station to Lieutenant
Hoseman John J. Kenney of Engine 26/35	To Lieutenant
Hoseman Francis C. Shannon of Engine 43	To Lieutenant
Hoseman John F. Haley of Water Tower 3	To Lieutenant
Hoseman John H. Williams of Water Tower 1	To Lieutenant
Hoseman William F. Donovan of Engine 42	To Lieutenant
Ladderman James J. Kelliher of Ladder 17	To Lieutenant
Ladderman Frederick J. Dobbratz of Ladder Co.15	to Lieutenant
Asst.Engineer James J. Higgins of High Pressure	Station to Engineer.
Hoseman Webster F. Copithorne of Engine 36	To Asst. Engineer.

III. TRANSFERS.

3. The following transfers are hereby announced to take effect at 9 A.M., Monday, December 19, 1921:

Capt. Lorenzo D. Merrill of Ladder 29	To Engine 52
" Florence Donahue of Ladder 5	To Engine 53
" Edward McDonough of Ladder 2	To Engine 26/35
" John P. Walsh of Chemical 7	To Ladder 2
" James J. Lunny of Chemical 11	To Ladder 5
Lieut. George E. Barragh of Engine 26/35	To Engine 22

III. TRANSFERS (continued)

Lieut. Fred L. Sargent of Chemical 13	To Engine 53
" Hugh J. Goodfellow of Engine 11	To Engine 8
" Frank L. Lyons of Engine 48	To Engine 52
" Thomas D. Brown of Ladder 28	To Water Tower 2
" Joseph W. Shea of Engine 34	To Rescue 1
" John J. Kenney of Engine 26/35	To Ladder 23
" Francis C. Shannon of Engine 43	To Engine 48
" James J. Kelliher of Ladder 17	To Chemical 7
" John F. Haley of Water Tower 3	To Engine 38/39
" John H. Williams of Water Tower 1	To Engine 34
" William F. Donovan of Engine 42	To Ladder 28
" Frederick J. Dobbratz of Ladder 15	To Ladder 29
" John F. McDonough of High Pressure Station	To Engine 11
Asst. Engr. William J. Linsky of Engine 38/39	To High Pressure Station.
" Webster F. Copithorne of Engine 36	To Engine 38/39
" John W. Duggan of Engine 25	To Engine 17
" Chesar Aspersi of Engine 17	To Engine 25
Roseman Joseph Smith of Chemical 11	To Engine 52
" Arthur L. Johnson of Chemical 11	To Engine 52
" Albert A. Speare of Chemical 11	To Engine 52
" George E. Cahill of Chemical 11	To Engine 52
" Arthur I. Roake of Chemical 11	To Engine 52
" John T. Mullins of Chemical 11	To Engine 52
" Charles Laubenstein of Chemical 11	To Engine 52
" Louis Cohen of Chemical 11	To Engine 52
" Henry F. Hayes of Chemical 11	To Engine 52
" Frederick G. Menghi of Chemical 13	To Engine 53
" Charles H. Ames of Chemical 13	To Engine 53
" Joseph W. H. Lavin of Chemical 13	To Engine 53
" Dennis F. Courtney of Chemical 13	To Engine 53
" Frank C. Jacobs, Jr. of Chemical 13	To Engine 53
" Patrick Hanley of Chemical 13	To Engine 53
" Peter J. Burns of Chemical 13	To Engine 53
" Walter Kormann of Chemical 13	To Engine 53
" Christopher J. Melia of Chemical 13	To Engine 53
" Patrick J. Norton of Chemical 13	To Engine 53
" Harold B. Bannon of Engine 34	To Ladder 24

III. TRANSFERS (continued)

Hoseman Daniel W. O'Leary of Engine 37	To Ladder 15
" James J. Sullivan of Engine 28	To Engine 37 "
" Alfred E. Smith of Engine 44	To Water Tower 3
" John T. Kiley of Engine 27	To Ladder 3
" James R. Everett of Engine 16	To Engine 13
" Cornelius J. O'Keefe of Engine 13	To Ladder 18
" John J. Murphy of Engine 25	To Engine 43
" Patrick F. O'Neal of Engine 22	To Ladder 13
" Joseph M. McCarthy of Engine 25	To Engine 44
" Michael J. Foley of Engine 44	To Engine 25
" Cornelius J. O'Brien of Engine 41	To Ladder 17
Ladderman Frank C. McKenna of Ladder 24	To Water Tower 1
" Albert P. Mitchell of Ladder 28	To Engine 28
" Robert J. Leary of Ladder 18	To Engine 16
" John E. Baldwin of Ladder 3	To Engine 27
" John M. McLaughlin of Ladder 13	To Rescue 1
Hoseman Edward F. Doyle of Rescue 1	To Engine 25

IV. ASSISTANT DRILL MASTER.

1. Lieutenant Thomas D. Brown of Water Tower Co. 2, has been appointed assistant drill master, to take effect at 9 A.M. Monday, December 19, 1921, and in the absence of the Drill Master will assume his duties.

By order of the Acting Fire Commissioner:

Peter B. Walsh,
Chief of Department.

GENERAL ORDERS
NO. 39.

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, DECEMBER 23, 1921.

I. ACCIDENTS.

1. The attention of the department is again called to rules 131, 132, 133, 134, 135, 136, 137, 184, 185 and 189 of the rules and regulations. Company Commanders will be held strictly accountable for the proper enforcement of the above mentioned rules. Accidents are becoming so numerous and the resulting conditions so serious, due to the large amount of reserve apparatus being called into use pending repairs of broken apparatus, that the efficiency of the department is being threatened. Deputy Chiefs of divisions will personally instruct district chiefs and company officers with a view to reducing the number of accidents.
2. In responding to alarms of fire the first thought should be to arrive at the fire with the apparatus and members intact. After the work at the fire is performed, the next important thought is to make sure that the apparatus and members are housed intact and ready again for immediate service. Speeding, reckless and thoughtless driving must be stopped.

II. TRANSFERS.

1. The following transfers which took effect at 9 A. M., Friday, December 23, 1921 are hereby announced:

Lieut. George E. Darragh	From Engine 22 to Engine 11,
Lieut. John F. McDonough	From Engine 11 to Engine 22,
Engineer James P. Gillogly	From the Bureau of Supplies and Repairs to the High Pressure Service,
Engineer Winfred C. Bailey	From the High Pressure Service to the Bureau of Supplies and Repairs. In addition to his duties as engineer he will be the instructor on high pressure pumps and hydrants.

III. WEARING APPAREL.

1. Officers and members of the department are cautioned to exercise due care in the use of wearing apparel furnished by the city. Hereafter the department will not replace or repair articles of clothing lost or torn through the carelessness of officers and members.

By order of the Acting Fire Commissioner:

Peter E. Walsh,
Chief of Department.

GENERAL ORDERS
NO. 90

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, DECEMBER 23, 1921.

I. REGULATIONS FOR RESPONSE AND COVERING
OF APPARATUS ON ALARMS OF FIRE.

1. The following regulations for response and covering on alarms of fire are hereby ordered to take effect at 9 A.M. Monday, December 19, 1921.

All previous orders inconsistent herewith are hereby rescinded.

Changes or additions to these cards will be made by the company commander, or by a member designated by him, only on orders from Headquarters. The name of the company commander changing, or authorizing the change, the number of the order and the date of same shall be entered in the company journal.

Special cards will be furnished from Headquarters, with frames, and company commanders shall arrange them to show the movement of their apparatus on first alarms. These cards are to be conveniently and conspicuously displayed on the wall of the main floor or on the cover of patrol desk under glass.

II. RESPONSE AND COVERING REGULATIONS.

1. The officer in charge of Fire Alarm Office will be responsible on all alarms for the proper response and covering of apparatus not specifically assigned by the assignment cards.
2. Companies shall respond or cover on alarms ONLY when specifically assigned to do so by the assignment cards, otherwise they will remain in their stations until ordered to move by the Fire Alarm Office, with the following exceptions:
 - (a) In case of first alarms from two boxes, and ALL the engine companies assigned to respond to the second box have already responded to the first box, the response and covering for engine companies will be as under a second alarm from the SECOND box. This rule shall also apply, in exactly the same way, to ladder companies.
 - (b) A company covering the station of another company will follow the assignment cards of that company, except for multiple alarm from the box under which it is covering, in which case it shall follow the assignment card for that box.
 - (c) In case of a multiple alarm to which no companies are assigned by the assignment card, companies covering in stations of the first alarm assignment from that box shall respond.
 - (d) In cases where companies have not returned to their stations from an alarm of fire and another box is received to which they are assigned, such companies shall not respond to the second box.

(Response and covering regulations - continued)

3. If, after receiving the last alarm for which there are assignments, more companies are needed at the fire, the commanding officer at the fire will order them through the Fire Alarm Office if, in his judgement, a General Alarm is not necessary.

4. The house patrol shall count accurately every alarm received and write the box number on the slate.

(a) If the company responds he shall sound the house gong and release the horses on receipt of the first round on the "tapper". He shall then write the box number on the slate and announce the box number and location (or the house to be covered) loudly and clearly, which announcement shall be then repeated to the driver by the company commander.

NOTE:- It is here assumed that the first round has been counted correctly and such is the requirement. In case of doubt, however, the patrol shall count the second round, or even the third, before proceeding as above; but when he does so he must report the fact to his company commander, who will note it (with name of patrol) in his fire report, for record at Headquarters.

(b) In case the company is assigned to respond to the fire on the next following alarm the horses shall be hitched for fifteen minutes (except during feeding hours for horses), the engine on the motor apparatus started and kept in operation for two minutes, except between the hours of 10 P.M. and 7 A.M.

(c) On receipt of a first alarm to which the company does not respond the house patrol shall immediately ascertain the location of box and whether or not the company is due to respond on any subsequent alarm from the box.

(d) On receipt of any alarm to which the company does not respond the house patrol shall cut out the gong, taking care, however, to allow it to remain out only while the alarm is being struck. The gong in all stations will be allowed to strike at least one alarm daily to serve as a test.

5. House patrol shall promptly notify company commander of any failure of "tapper" or gong to strike correctly.

6. Upon arrival at a fire, Deputy and District Chiefs and company commanders shall at once report to the officer in command. Upon arrival at covering quarters, and upon return to their own quarters, they shall report to the Fire Alarm Office by telephone before housing the apparatus.

(Response and covering regulations - continued)

7. The return to quarters from multiple or two or more first alarm fires, shall be made in reverse order to the movement toward the fire, unless changed by order of the officer in command at the fire or by the Fire Alarm Office.
8. On receipt of still alarm at least one company (engine) and one ladder company shall respond.
9. In the event of a General Alarm in a Section which covers two or more divisions and two Deputy Chiefs are assigned to respond to the fire before the General Alarm is sounded, the remaining Deputy Chief will remain in the quarters to which the running card assigns him prior to the General Alarm.
10. When operating under the conditions of these regulations, the telephone lines must be kept clear in order to facilitate the work of the Fire Alarm Office.

III. INSTRUCTIONS TO THE FIRE ALARM OFFICE AS TO RESPONSE AND COVERING.

1. When an alarm from one box has already been sounded no more apparatus should be sent to the second box in the same vicinity than is necessary. A full complement of apparatus shall be sent to each box except under extraordinary conditions.

The Fire Alarm Office shall at once notify the District Chief when companies in his district are ordered to leave their stations.

The fire alarm operator who receives the ~~xxxxxx~~ report of the return to quarters of a Deputy Chief, District Chief or company commander, shall at once notify him of the alarms then in or any other important event happening during his absence.

IV. REGULATIONS CONCERNING FIRE ALARMS AND SIGNALS.

1. Alarms will be designated as the FIRST, SECOND, THIRD, FOURTH, FIFTH, SIXTH and SEVENTH. The SEVENTH will be the GENERAL ALARM and will be followed by the SECTION NUMBER which designates the SECTION in which the fire is located.
 - Assignments on the first lines, for first alarms
 - Assignments on the second lines, for second alarms.
 - Assignments on the third lines, for third alarms.
 - Assignments on the fourth lines, for ~~xxxxxxx~~ fourth alarm
 - Assignments on the fifth lines, for fifth alarms.
 - Assignments on the sixth lines, for sixth alarms.

(IV. Regulations covering Fire Alarms & Signals-continued)

ALARM SIGNALS.

FIRST ALARM:- Three rounds of the box number struck on all "tappers" throughout the department, and repeated two rounds on gongs.

MULTIPLE ALARM:- The term MULTIPLE ALARMS means two or more alarms from the same box.

On all MULTIPLE ALARMS following the first alarm a preliminary signal will be struck once, followed by one round of the box number on "tappers" and gongs.

SECOND ALARM:- Preliminary signal, two blows, followed by the box number.

THIRD ALARM:- Preliminary signal, three blows, followed by the box number.

FOURTH ALARM:- Preliminary signal, four blows, followed by the box number.

FIFTH ALARM:- Preliminary signal, five blows, followed by the box number.

SIXTH ALARM:- Preliminary signal, six blows, followed by the box number.

SEVENTH or GENERAL ALARM:- Preliminary signal, seven blows, followed by the box number, followed by the SECTION NUMBER designating the SECTION in which the fire is located.

In the event of a fire of such magnitude as to make it desirable to give a THIRD, FOURTH, FIFTH or SIXTH alarm immediately after the FIRST, intervening alarms may be omitted, and the Department will be governed by the same rules, relative to their response, as if the alarms had been given in numerical order.

A MULTIPLE ALARM will be ordered only by the officer commanding at a fire.

SPECIAL SIGNALS:- For islands in Boston Harbor and for despatching aid to cities or towns adjacent to Boston, a preliminary signal of thirteen blows followed by the special signal denoting the island, city or town, struck two rounds on all "tappers" and repeated two rounds on all gongs throughout the Department.

(Regulations concerning fire alarms and signals-continued)

A.D.T. ALARMS:- Preliminary signal of eleven blows followed by box number struck two rounds on all "tappers" throughout the Department.

SPECIAL SIGNAL FOR TELEPHONES:- Three blows, repeated twice, thus, 3-3-3 on all "tappers". On receipt of this signal company commanders will proceed immediately to call the Fire Alarm Office on Department telephone. If unable to get Fire Alarm Office through the Department telephone they will then call from the nearest outside telephone.

ALL OUT SIGNAL:- The preliminary signal 22-22, followed by one round of a box number, will be struck on all "tappers". It will be ordered only by the officer commanding at a fire. The receipt of this signal signifies that the companies engaged at the fire have been relieved and are prepared to answer their own assignments.

ALL OUT SIGNAL FOR A.D.T. ALARMS:- The preliminary signal 22-22, followed by eleven blows and the box number on "tappers" one round.

ALL OUT SIGNAL FOR SPECIAL SIGNALS:- The preliminary signal 22-22, followed by thirteen blows and special signal on "tappers", one round.

DRILL SCHOOL SIGNALS:- Two blows, repeated twice, thus, 2-2-2- on "tappers" denotes NO DRILL SCHOOL and when received at 8 A.M., indicates no morning session and at 12.30 P.M. no afternoon session. This signal will be struck on order from the commanding officer of the Department.

PUBLIC SCHOOL SIGNAL: One blow, repeated twice, thus, 1-1-1 on all gongs connected with the Fire Alarm system and sounded on fireboats' whistles; when received at 7.45 A.M. indicates no morning session of the public schools, and at 12.45 P.M. no afternoon session.

MARINE CALL FOR FIREBOATS:- Three long and two short whistle blasts, to be given by any boat and continued until answered.

RAILROAD SIGNAL FOR FIRE:- One long and three short whistle blasts repeated several times.

V. EMERGENCY CODE SIGNALS.

1. In the absence of telegraphers, the following system of emergency code signals will be in effect in this department:
 - (a) If a second alarm is desired give a series of signals by giving about twelve (12) short taps on the Morse key, pause, then tap two DISTINCT blows, wait for O.K. signal, then pull the hook.
 - (b) For a third, fourth, fifth or sixth alarm, twelve (12) short taps as above, then the number of DISTINCT blows; increased to correspond with the character of the alarm given.
 - (c) After each signal has been transmitted and before the box is pulled the fire alarm operator will tap 2-3 (-- ---) meaning "O.K.."
 - (d) For an "all out" signal give a series of about twelve (12) short taps, pause, tap 5-5, pause, then tap the box number and wait for O.K. signal.
 - (e) If the fire alarm operator desires to have a signal repeated he will tap 12-12 (- -- - --) meaning "Repeat".
 - (f) When the fire alarm operator wants anyone at the box to go to a telephone he will tap 4-4-4 (---- ---- ----)

EXAMPLES.

SECOND ALARM -----(pause)- -, wait for O.K. signal then pull ~~box~~ the hook.
THIRD ALARM------(pause)- - -, wait for O.K. signal then pull the hook.
FOURTH ALARM------(pause)- - - -, wait for O.K. signal then pull the hook.
FIFTH ALARM------(pause)- - - - -, wait for O.K. signal then pull the hook.
SIXTH ALARM------(pause)- - - - - -, wait for O.K. signal then pull the hook.
ALL OUT FOR BOX 1234------(pause) -----(pause)
- -- --- ----

2. Keys to the inner doors of the fire alarm boxes will be furnished to all officers of the department.

CAUTION.

Do not use Morse key if sounder in box is working; you might interfere with an alarm from another box. Be sure and lock inside door before leaving the box.

By order of the Acting Fire Commissioner:

Peter E. Walsh,
Chief of Department.

RESPONSE OF CHEMICAL COMPANIES.

The following are the assignments for the three remaining Chemical Companies of the Department.

They will not respond to multiple alarms unless otherwise especially ordered.

CHEMICAL CO. 5:-

Boxes:- 2151, 2153, 2154, 2155, 2161, 2162, 2163, 2164, 2165, 2166, 2171, 2173, 2174, 2175, 2176, 2177, 218, 2181, 2182, 2183, 2184, 2186, 2187, 3153, 3154, 3155, 3161, 3162, 3163, 3164, 3165, 3167, 3171, 3172, 3173, 3174, 3175, 3176, 3177, 3181, 3182, 3183, 3184, 3185, 3186, 3188, 3191, 3192, 3194, 3196, 3197, 3198, 3238, 3262, 3263, 3265, 3271, 3276, 3277, 3281, 3282, 3283, 3284, 3285, 3291, 3292, 3293, 3294, 3295, 3311, 3312, 3314, 3315, 3316, 3317, 3321, 3322, 3324, 3325, 3326, 3327, 3328, 3331, 3332, 3334, 3335, 3342, 3343, 3346, 3347, 3351, 3355, 3356, 3376, 3377, 3379, 3381, 3382, 3383, 3384, 3438.

CHEMICAL CO. 7:-

Chemical Co. 7 will respond to all boxes in East Boston.

CHEMICAL CO. 10:-

BOXES:- 1667, 2112, 2113, 2114, 2115, 2116, 2117, 212, 2121, 2123, 2124, 2125, 2126, 2127, 2129, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2141, 2142, 2143, 2145, 2147, 2148, 2213, 2214, 2215, 2216, 2221, 2223, 2224, 2226, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 224, 2241, 2242, 2243, 2245, 2246, 2247, 2248, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2261, 2262, 311, 3112, 3113, 3115, 3116, 3118, 3122, 3125, 3131, 3132, 3133, 3134, 3135, 3136, 3141, 3142, 3151, 3153.

By order of the Acting Fire Commissioner:

Peter E. Walsh,

Chief of Department.

GENERAL ORDERS
NO. 92

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, DECEMBER 31, 1921.

I. HIGH PRESSURE HYDRANTS.

1. The attention of the Department is called to General Orders No. 14, series 1920, section 2. This order will especially apply to the use of High Pressure Hydrants in the High Pressure Zone. Company commanders will immediately notify the officer in charge of the Fire Alarm Office, by telephone, on return from a fire, the location of the High Pressure Hydrant used.
2. The officer in charge of the Fire Alarm Office, upon receipt of the above information, shall, between the hours of 9 A.M. and 5 P.M., daily, immediately notify the Water Division of the Public Works Department of the location of High Pressure Hydrants used. Between the hours of 5 P.M. and 9 A.M. the Fire Alarm Office will keep a record of the hydrants used and report their locations when the Water Division Office is open for business. Telephone number, Congress 5100, ring 261.

By order of the Acting Fire Commissioner:

Peter E. Walsh,
Chief of Department.