

I. HENRY H. F. KEENAN.

1. The Fire Commissioner regrets to announce the death of Ladderman Henry H. F. Keenan of Ladder Co. 4, on Monday, May 19, 1919.
2. The funeral will be held from his late residence, 94 Dresser street, South Boston, Thursday, May 22, at 8:30 A. M., services at the Church of St. Vincent, E street, South Boston, at 9 A. M.
3. The Chief of Department will detail sixteen men under the command of District Chief Francis J. Jordan of District 6, to act as funeral escort. Ladder Co. 4 will be excused from duty.
4. Ladderman Keenan was appointed to this department January 11, 1918.

II. DRILL SCHOOL.

1. The regular drill school of the department will commence Friday, May 23, 1919, and will be in command of Capt. James Mahoney of Water Tower 2 as Drill Master. He will be obeyed and respected accordingly.
2. There will be but one session of the school, namely, the morning session, of two hours.
3. Company Commanders will have the following named men report to the Drill Master at the quarters of Water Tower 2, Bristol street, at 10 A. M., Friday, May 23, 1919, and at such other times as the Drill Master may direct:

John T. Hoppe	Engine 48	Stephen L. Geehan	Ladder 6
James J. Sreenan	Engine 49	William J. McKernan	Ladder 9
Edward M. Green	Engine 13	John J. Connorton	Ladder 11
Harry R. Ryerson	Ladder 14	Frank H. Walter	Engine 15
John T. Mullins	Chem. 11	Frank J. Munchbach	Ladder 25
James J. Curran	Engine 17	Thomas J. Sheridan	Ladder 16
Owen T. Norton	Engine 48	John J. Doherty	Engine 4
Howard T. Chase	Ladder 23	William J. Rooney	Ladder 27
Edward H. Mulvey	Engine 29	Harry Eastwood	Engine 40
John F. Galvin, Jr	Ladder 17	Francis J. McCabe	Tower 3
William B. Coughlin	Engine 43	John B. Carr, Jr	Engine 8
Patrick F. Mullane	Chemical 2		

III. COMMENDATIONS

1. Probationer John J. Frazier of Engine 43 is hereby commended for responding to alarm of fire from box 7211, May 12, 1919, while on a day off.
2. District Chief William E. Riley of District 2 and Hoseman Michael J. McLaughlin of Engine Co. 50 are hereby commended for responding to and working at fire, box 452 (two alarms), May 13, 1919, while on days off.

3. Hoseman Hugh J. Goodfellow of Engine Co. 50 is hereby commended for responding to and working at fire, box 417, May 14, 1919 while on a day off.
4. Hoseman Arthur J. Roake of Chemical 11 is hereby commended for responding to and working at fire at No. 1 Otisfield street, still alarm, May 14, 1919, while on a day off.

IV. MEMORIAL SUNDAY.

1. Members of the department who are veterans of the Spanish-American War will be granted leaves of absence, on request, from 12 M to 6 P. M., Sunday, May 25, 1919, without loss of pay, in order that they may participate in the Memorial Services on that day.
2. Such men will form a detail from this department and as such will be a part of the parade. The parade will form in Copley square, and the detail from this department will be in charge of Lieut. Ivon P. Mahoney of Ladder Co. 4. The detail will report to Lieutenant Mahoney at the quarters of Engine 33 at 1.30 P. M., Sunday, May 25, 1919.
3. The regulation uniform of this department, with white gloves and corporation badge will be worn. Badges or medals connected with the Spanish-American War or Camps may be worn side of the Corporation badge. The National Colors will be carried by the detail.

V. VICTORY LIBERTY LOAN.

1. The Fire Commissioner conveys the thanks of the Committee in charge of the Victory Liberty Loan Campaign to the following officers and members of the department who participated in the work connected with the Liberty Loan on Thursday, May 8, and Friday, May 9, and to those who sold bonds to the members of the department and their friends during the week.

Senior Deputy Chief John O. Taber,
Junior Deputy Chief Daniel F. Sennott,
District Chief Edward J. Shallow,

Ladder Co. 8

Capt. Hamilton A. McClay, Lieut. Daniel W. Baker, Laddermen Charles J. Greeley, Stephen L. King, Maurice F. Foley, Carl S. Bowers, James F. Shea, Thomas F. Conley, Edward J. O'Dowd, Edward J. Powers, William J. Welch, Jeremiah T. Cronin, George H. Hamilton, John E. McFarland, William E. Keenan, Frank W. Nowell, George L. Lyons, and William H. Sullivan.

Engine Co. 25

Capt. James F. Ryan, Lieut. George A. Carney, Engineer Francis S. Oresteen, Acting Assistant Engineer William J. Linsky, Hoseman Edward J. Coveney, John J. Murphy, Thomas F. Wron, John A. Allen, and John T. Conley.

Rescue Co. 1

Lieut. Daniel J. Hurley, Hosemen Daniel Martell, Andrew F. Larsen, Daniel J. Crowley and John R. Coleman.

District Workers:

Hoseman John J. McGlinchey, District 1; Hoseman Frederick H. Gould, District 2; Capt. Hamilton McClay, District 3; Hoseman James Kane, District 4; Lieut. William Levis, District 5; Hoseman Alfred D. LeClair, District 6; Hoseman John J. O'Connor and Ladderman Joseph Gleason, District 7; Ladderman John J. Good, District 8; Hoseman John W. Fix, District 9; Ladderman Michael Ryan, District 10; Lieut. Frederick R. Brophy, District 11; Lieut. Ernest O. Haines, District 12; Lieut. Bernard J. Flaherty, District 13; Hoseman James S. Sheehan, District 14; Hosemen Daniel Gill and Joseph L. Spillane, District 15.

By order of the Fire Commissioner:

Peter F. McDonough,
Chief of Department.

GENERAL ORDERS
NO. 45

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, MAY 22, 1919.

I. TRANSFERS.

1. The following transfers are hereby announced to take effect at 9 A. M., Friday, May 23, 1919:

Stephen Griffin	From Engine 28 to Chem.	5
William J. Flynn	From Tower 1 to Engine	4
John F. Cuddy	From Engine 4 to Tower	1
James J. Sullivan	From Ladder 2 to Engine	28

By order of the Fire Commissioner:

Peter F. McDonough,
Chief of Department.

I. RETIREMENT.

1. The following retirement is hereby announced to take effect at 9 A. M., Friday, May 29, 1919:

Lieut. John McCann Ladder 3

2. Lieutenant McCann was appointed to this department February 10, 1893 and was promoted to lieutenant January 4, 1907.

II. NAMES OF CITY EMPLOYEES.

1. In accordance with section 1, chapter 168 of the Special Acts of 1919 the superintendents of the repair shop and fire alarm branches, the veterinary surgeon and company commanders will have the accompanying blanks filled out with the name, residence by street and ward, designation, compensation, and date of appointment to present position, also the date of first entry into the employ of the city of all men under their command.
2. These lists will be forwarded to Headquarters positively not later than Tuesday, June 3, 1919.
3. The names of the Deputy and District Chiefs will be placed on the list of the company where they are stationed.
4. Under the heading "Date of Election and Appointment" will be placed the date of the last promotion, excepting hosemen, ladder men and assistant engineers, in which cases the date of their original appointment as probationers in the department will be entered. The names should be arranged in accordance with rank and seniority.
5. Members will notify Headquarters promptly of any change of address occurring on June 1, 1919.
6. The lists may be either typewritten or written in long hand.

III. NEW FIRE ALARM BOXES.

1. The following new fire alarm boxes will shortly be established:
- Box 1238: Michael Angelo school, Charter street, connected into circuit No. 2. Assignment will be the same as for box 1233.
- Box 7124: Army Supply Base, South Boston, connected into circuit No. 32. Assignment will be the same as for box 7123.

IV. COMMENDATION.

1. Ladderman Frank J. Hagerty of Ladder Co. 19 is hereby commended for extinguishing a fire at 481 East Sixth street, South Boston, at 7:30 P. M., May 24, 1919, while on day off.

By order of the Fire Commissioner:

Peter F. McDonough,
Chief of Department.

I. HIGH PRESSURE HYDRANTS.

1. The department is informed that the high pressure service in Purchase street, between Oliver and Congress streets, will be out of service for two weeks, commencing May 31, 1919.

II. COMMENDATIONS.

1. Hoseman William P. Sullivan of Engine Co. 26/35 and Hoseman William J. Quinn of Engine Co. 38/39 are hereby commended for responding to and working at fire, box 7232, three alarms, Friday, May 30, 1919, while on day off.

III. NEW BOX CIRCUIT.

1. The department is informed that a new fire alarm box circuit, No. 62, has just been completed, composed of the following boxes:

2164	Taken out of circuit No. 19,
3155	Taken out of circuit No. 19,
3157	Taken out of circuit No. 19,
3173	Taken out of circuit No. 19,
3174	Taken out of circuit No. 19,
3197	Taken out of circuit No. 19,
3412	Taken out of circuit No. 38,
3413	Taken out of circuit No. 38,
3416	Taken out of circuit No. 38,
3418	Taken out of circuit No. 38,
3621	Taken out of circuit No. 38,
3355	Taken out of circuit No. 39,
3366	Taken out of circuit No. 39,
3425	Taken out of circuit No. 39,
3435	Taken out of circuit No. 39,
3438	Taken out of circuit No. 39,
3612	Taken out of circuit No. 39,
3242	Taken out of circuit No. 40,
3311	Taken out of circuit No. 41,
3326	Taken out of circuit No. 41.

By order of the Fire Commissioner:

Peter F. McDonough,
Chief of Department.

GENERAL ORDERS
NO. 49

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, JUNE 4, 1919.

I. FIREMEN'S MEMORIAL SUNDAY.

1. Deputy Chiefs will detail twelve men from their divisions to act as escort to the various organizations on Firemen's Memorial Day, Sunday, June 8, 1919. The detail will report to the Chief Marshall, Capt. Philip A. Tague, of this department, at 9 A. M., sharp, at Headquarters Building, Bristol street. The regulation uniform with white gloves will be worn.
2. The detail will be made, as far as possible from the trustees of the Boston Firemen's Charitable Association. Exchange of days off will be permitted to conform with this and time will be allowed to report to the Chief Marshall. -

II. COMMENDATIONS.

1. Hoseman James P. Jones of Tower 2 and Man on Probation Frank H. Walter are hereby commended for responding to and working at fire, box 7232, third alarm, May 30, 1919, while on day off.
2. Ladderman Michael A. Riley of Ladder Co. 24 is hereby commended for responding to and working at fire, box 1343, June 2, 1919, while on vacation.

By order of the Fire Commissioner:

Peter F. McDonough,
Chief of Department.

I. INCREASE IN PAY.

1. The following increases in pay have been approved by His Honor the Mayor and are hereby ordered to take effect:

Engineers, assistant engineers and the various classes of privates are increased two hundred (200) dollars per annum, dating from May 30, 1919.

2. In the fire fighting force of the department privates appointed after May 30, 1919 will receive \$1,100. per annum and will receive a yearly advance of one hundred (100) dollars on each anniversary date until the maximum of \$1,600. per annum is reached.
3. All privates in the department who receive their increase of \$200. on May 30, 1919, which increase does not bring them to the maximum salary of \$1,600. per year will receive an annual increase of one hundred dollars on each anniversary date until the maximum salary of \$1,600. per year is reached.

II. COMMENDATIONS.

1. Hoseman John J. Doherty of Engine Co. 4 is hereby commended for responding to and working at fire at 15 Stillman street, still alarm, June 3, 1919, while on a day off.
2. Ladderman Henry D. Walsh of Ladder Co. 31 is hereby commended for responding to and working at fire, box 5275, June 5, 1919, while on a day off.
3. Aide to Commissioner Daniel J. Kennedy is hereby commended for extinguishing a fire before the arrival of the department apparatus, box 3327, June 5, 1919, while on a day off.

By order of the Fire Commissioner:

Peter F. McDonough,
Chief of Department.

GENERAL ORDERS
NO. 52.

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, JUNE 24, 1919.

I. TRANSFER.

1. The following transfer, which became effective at 9 A. M. Friday, June 20, 1919, is hereby announced:

Hoseman John T. Conley

From Engine 25 to Engine 4.

II. DOORS IN FIRE HOUSES.

1. The order which called for the safeguarding of fire stations in sections 1 and 2, paragraph II, General Orders No. 137, series 1918, is rescinded. The following is the order in question:

1. Company Commanders will be held responsible for the safeguarding of fire stations. Members on light house duty should be instructed to close all doors in the building when apparatus responds to alarm of fire.

2. In the event of there not being a man on light house duty, some member should be so detailed and the apparatus should slow down, to allow the member to mount the apparatus, after closing doors.

III. COMMENDATIONS.

1. Hoseman Michael J. McNamara of Engine Co. 38/39 is hereby commended for responding to alarm from box 641, June 11, 1919, while on a day off.
2. Ladderman Edward P. Hoye of Ladder Co. 29 is hereby commended for responding to still alarm with Ladder Co. 29, and working at fire, June 17, 1919, while on a day off.

By order of the Fire Commissioner:

Peter F. McDonough,
Chief of Department.

GENERAL ORDERS
NO. 53.

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, JUNE 25, 1919.

I. INFLUENCE.

1. The attention of the department is called to the following rule (No. 370):

Any attempt to influence the action of the commissioner on any official matter or matters, or to interfere with his free and unbiased determination of such matters solely on their merits, shall be severely punished, whether such attempt be made directly or indirectly; provided, however, that any applicant for promotion, transfer or retirement may make verbal request or representation to the commissioner concerning same, and that any member may personally solicit and make use of the recommendation or favorable intervention of an official superior.

II. WORKING ON DAYS OFF.

1. Every member of the department shall devote himself exclusively to his duties as a fireman, and shall not engage in any other occupation or employment whatever.

By order of the Fire Commissioner:

Peter F. McDonough,
Chief of Department.

GENERAL ORDERS
NO. 54.

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, July 3, 1919.

I. CHANGE IN DIVISION LINES.

1. The City is hereby divided into three divisions to take effect at 9 A. M., Saturday, July 5, 1919, as follows:

2. DIVISION I.

Deputy Chief - - - - - John O. Taber
Headquarters, Ladder 8, Fort Hill Sq.

This Division will comprise Fire Districts 1, 2, 3, 4 and 5.
The Deputy Chief of the First Division shall be known as the
First Deputy Chief.

3. DIVISION II.

Acting Deputy Chief - - - - - Henry A. Fox
Headquarters, Engine 22, Warren Ave.

This Division will comprise Fire Districts 6, 7, 8 and 11.
The Deputy Chief of the Second Division shall be known as the
Third Deputy Chief.

4. DIVISION III.

Deputy Chief - - - - - Daniel F. Sennott
Headquarters, Ladder 4, Dudley Street.

This Division will comprise Fire Districts 9, 10, 12, 13, 14 and
15.

The Deputy Chief of the Third Division shall be known as the
Second Deputy Chief.

II. RESPONSE OF DEPUTY CHIEFS.

1. Until otherwise ordered the deputy chiefs and acting deputy chief will respond to such first alarms in their divisions as the Chief of Department may order.

III. ABSENCE.

1. Rules 378 and 379, Department Regulations established August 1, 1918, are rescinded.
2. The First Deputy Chief shall act as Chief of Department in the Chief's absence, and, in the absence of both, the Second Deputy Chief shall act as Chief of Department. If the Chief of Department, First Deputy Chief and Second Deputy Chief are absent the Third Deputy Chief shall act as Chief of Department.

John R. Murphy,
Fire Commissioner.

GENERAL ORDERS
NO. 55.

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, JULY 3, 1919.

I. RETIREMENT.

1. Chief of Department Peter F. McDonough has requested to be retired and placed on the pension roll under chapter 800, Acts of 1913. Chief of Department McDonough is hereby retired at 9 P. M., Thursday, July 31, 1919.
2. Chief McDonough was appointed to the department July 1, 1883. His promotions were as follows: to Lieutenant, August 16, 1887; to Captain, August 31, 1888; to District Chief, February 8, 1895; to Second Assistant Chief March 9, 1906; to Second Deputy Chief, August 10, 1906; to Junior Deputy Chief, June 9, 1909; to Chief of Department, March 11, 1914.
3. Chief McDonough has served thirty-six years as a member of the Fire Department. The Fire Commissioner deeply regrets the fact that by his application for a pension he severs his connection with the office of Chief, which he filled with honor to himself and with great benefit to the City of Boston. His record has been without a blemish. His rise from the position of hose-man to that of Chief of Department furnishes an incentive to the members of the fire fighting force. All members of the department have the same opportunity to advance and reach the position of Chief of Department the same as Chief McDonough did, on merit alone, if they do their full duty.

John R. Murphy,
Fire Commissioner.

GENERAL ORDERS
NO. 56

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, JULY 3, 1919.

1. Peter E. Walsh, District Chief of Fire District No. 7, is detailed to act as Chief of Department.
2. Henry A. Fox, District Chief of Fire District No. 11, is detailed to act as Third Deputy Chief in charge of Division No. 2.
3. These appointments will take effect at 9.A. M. Saturday, July 5, 1919.

John R. Murphy,
Fire Commissioner.

GENERAL ORDERS
NO. 58.

HEADQUARTERS FIRE DEPARTMENT
BOSTON, JULY 11, 1919.

I. TRANSFER.

1. The following transfer is hereby announced to become effective at 9 A. M., Friday, July 11, 1919:

Hoseman William F. Ryan From Engine 3 to Tower 2.

II. NEW FIRE ALARM BOX.

1. The following new fire alarm box has been established:
Box 242: House of the Angel Guardian, Perkins street, connected in-
to circuit No. 8. Assignment will be the same as for box
2423.

III. CORRECTION IN ASSIGNMENT.

1. Company Commanders will make the following change in assignment cards:
Box 496: Fourth alarm, Engine 45 to cover Engine 28.

IV. COMMENDATIONS.

1. Ladderman Jeremiah J. Cronin of Ladder Co. 20 is hereby commended for extinguishing a fire at 143 Tyler street, July 1, 1919, while on a day off, and eliminating the necessity of calling the department.
2. Ladderman John H. White is hereby commended for responding to still alarm of fire, 10 Reddy avenue, while on a day off, July 1, 1919.
3. Hoseman John J. Devine of Engine Co. 37 is hereby commended for responding to still alarm of fire, 33 Worthington street, July 2, 1919, while on a day off.
4. Hoseman William E. Devine of Chemical Co. 5 is hereby commended for responding to alarms from boxes 3167 on July 3, 1919 and 3172 on July 4, 1919, while on day off.
5. Hoseman John F. Cox of Engine Co. 45 is hereby commended for responding to and working at fire, box 2743, second alarm, July 4, 1919, while on a day off.
6. Ladderman Dennis M. Condon of Engine Co. 36 is hereby commended for responding to and working at fire in Alford street, still alarm, July 5, 1919, while on a day off.

By order of the Fire Commissioner:

Peter E. Walsh,
Acting Chief of Department.

I. COMMENDATIONS.

1. Engineer Winfred C. Bailey of Engine Co. 22 is commended for conceiving the idea and practically demonstrating the utility of an equalizing device which is at present being used on the motor apparatus of the department. Engineer Bailey has allowed the Fire Department to use this device without compensation.
2. Hoseman James F. Sheehan of Chemical Co. 2 is commended for his development of a reducing nozzle. It will be a great benefit to the Department. Hoseman Sheehan has allowed the Fire Department to use this nozzle without compensation.
3. Laddermen Peter A. Reilly of Ladder Co. 23 is hereby commended for responding to and working at a fire, box 3174, July 9, 1919, while on a day off.

II. RULES AND REGULATIONS.

1. The attention of the department is drawn to the following rules:

No. 364: Except by special permission of the commissioner, no member shall solicit a donation or contribution of any kind.

No. 369: No member shall contribute to any fund for the purpose of securing any change in the laws, ordinances or rules relating to the department, nor, except through petition to the commissioner, participate directly or indirectly in any movement having for its object the affecting of such changes; but any member or members shall have the right to petition the commissioner in order to secure such changes.

III. ASSIGNMENTS.

1. The following assignments of men on probation are hereby announced to take effect at 9 A. M., Tuesday, July 22, 1919:

Lester W. Brasher	To Engine 24	John F. Riley	To Engine 47
George T. Cunniff	To Engine 28	Thomas B. Maguire	To Engine 47

IV. CORRECTION.

1. General Orders No. 58, series 1919, paragraph III, "box 496" should read "box 495".

By order of the Fire Commissioner:

Peter E. Walsh,
Acting Chief of Department.

I. COMMENDATION.

1. The fire which occurred at Boylston street and Massachusetts avenue, box 2321, 6:03 P. M., Friday, July 18, 1919, originated in the following manner:
2. A tank wagon containing approximately 950 gallons of naphtha was struck by a United States Army motor truck, breaking the supply pipe and faucet of the tank wagon so that the naphtha flowed out on the street covering approximately one-eighth of a mile of Massachusetts avenue and Boylston street.
3. Herbert J. Hickey, attached to the clerical force of the office of the Fire Commissioner, who was present at the time of the accident and realized the possible danger that might result because of fire, immediately telephoned to Acting Chief of Department Peter E. Walsh. The Chief ordered Capt. Charles A. Donohoe of Ladder 15 to investigate and take whatever action was necessary to meet existing conditions. As a result the Captain ordered the hose wagon of Engine 33 to respond as a precautionary measure. The apparatus reached Massachusetts avenue, had connected to the hydrant and was ready for service before the naphtha ignited.
4. Mr. Hickey, by notifying the Acting Chief of Department, and the subsequent action of the Chief and Captain Donohoe prevented what might have been a serious conflagration.
5. On the recommendation of the Acting Chief of Department Captain Charles A. Donohoe of Ladder 15 and Herbert J. Hickey of the Fire Commissioner's Office are hereby commended for the service rendered by them on the above mentioned occasion.

By order of the Fire Commissioner:

Peter E. Walsh,
Acting Chief of Department.

I. COMMENDATIONS.

1. Laddermen John J. Kenney of Ladder Co. 13 and Charles J. Greeley of Ladder Co. 8 are hereby commended for responding to and working at fire, box 2321, second alarm, July 18, 1919, while on a day off.
2. Ladderman Cornelius J. Sullivan of Ladder Co. 13 is hereby commended for responding to and working at fire, box 2321, second alarm, July 18, 1919, while on leave of absence for military service.
3. Hoseman Michael E. Fallon of Engine Co. 49 is hereby commended for responding to and working at fire, box 3783, July 19, 1919, while on a day off.

II. CHANGES IN BOX ASSIGNMENTS.

1. The following changes in box assignments are hereby announced to take effect at 9 A. M., Friday, August 1, 1919:
2. Boxes 2614, 2615, 2616, 2623, 2626, 2631, 2632, 2634, 2642 and 2646:
Add Engine 26 to Engine 13 on 4th alarm.
3. Box 2644: Add Engine 21 to Engine 18 on 4th alarm
4. Boxes 7136, 7137, 715, 7151, 7152, 716, 7161, 7162, 7164, 721, 7211, 722, 7221, 731, 7312, 7313, 7314, 7315, 7316, 7321, 7322, 7323, 7324, 7325, 7326, 7331, 7332, 7334, 7414:
Add Engine 42 to Engine 13 on 4th alarm.

III. RETIREMENT.

1. The following retirement is hereby announced to take effect at 9 A. M., July 30, 1919:

District Chief Stephen J. Ryder

District No. 3.
2. Chief Ryder was appointed to this department February 13, 1888. He was promoted to Lieutenant November 18, 1893; to Captain, February 18, 1898; to District Chief, March 9, 1906.

By order of the Fire Commissioner:

Peter E. Walsh,
Acting Chief of Department.

I. PROMOTION.

1. Peter E. Walsh, Acting Chief of Department, is promoted to Chief of Department to take effect at 9 P. M., Thursday, July 31, 1919.

II. OFFICERS' SCHOOL.

1. The Officers' School is established for the study and discussion of fire service problems including fire fighting and fire prevention. Chief of Department Peter E. Walsh will act as President of the School. Capt. Charles A. Donohoe of Ladder 15 will act as Executive Officer.
2. The first session of the School will be held at Fire Department Headquarters, Bristol street, Tuesday, September 2, 1919.

III. FIRE PREVENTION BUREAU.

1. For the purpose of complying with the provisions of chapter 795 of the Acts of 1914 a Fire Prevention Bureau is established in the department.
2. Edward L. Tierney will be in charge of the Bureau with his office at Fire Department Headquarters, Bristol street, Boston.

IV. AUTOMOBILE SCHOOL.

1. An Automobile School for the instruction in the care, mechanism and operation of motor apparatus for both officers and men of the department will be established and hold its first session at Fire Department Headquarters, Tuesday, September 2, 1919.
2. Hoseman Henry T. Brennan of Engine Co. 25 will be in charge of this school.

V. DRILL SCHOOL.

1. The work of the Drill School is extended. In addition to the drilling and instruction of newly appointed members in their duties as firemen the Drill Master will have charge of the annual inspection of the various companies of the Fire Department.
2. Each company of the department will report at least once a year to the Headquarters, Bristol street, and will be inspected in the duties of a fireman by the Drill Master.
3. Capt. James Mahoney of Water Tower 2 will be Drill Master.

John R. Murphy,
Fire Commissioner.

HEADQUARTERS FIRE DEPARTMENT
BOSTON, AUGUST 13, 1919.

MEMORANDUM

The following reports concerning a fire in a barrel of sawdust, impregnated with nitric acid, at 21 Bromfield street, July 31, 1919, are published herewith for the information of the officers and men of the department.

DISTRICT POLICE
CHEMICAL LABORATORY

Boston August 8, 1919.

"About 2:30 P. M., Thursday, July 31, 1919, I received an emergency call requesting my presence at an acid fire in the corridor on the fifth floor of the building situated at 21 Bromfield St.

I arrived a few minutes later finding the department there in charge of District Chief Caulfield.

The cause of the fire is as follows:-

The above company are engaged in silver plating and polishing and during the latter operation quantities of silver scale or silver oxide are obtained which represent considerable commercial value.

The silver scale is dissolved in nitric acid, the solution containing silver nitrate and free nitric acid. This is sent away for the purpose of reclaiming the silver.

Heretofore the company has precipitated the silver from this solution in the form of silver chloride by adding a solution of common salt, and the chloride sent to the refiners.

But in this instance, and this is the first time they have tried this method, they poured the solution of silver nitrate and free nitric acid into a wooden barrel nearly filled with wood sawdust, herding it up ready for shipment and placing it in the corridor.

The weather was very warm and soon attention was attracted to the barrel by a loud hissing noise, large volumes of gas being given off.

The fire department was called and they proceeded to ventilate the barrel, with small holes at first, afterwards removing the head and when fire appeared they poured in water.

On my arrival the corridor was filled with people, and the dense red fumes of nitrogen dioxide were being given off from the barrel. Realizing the danger, I ordered out all those having no

"business there, after which we obtained large earthenware crocks in which the contents of the barrel were diluted with water until the generation of gas ceased.

I was informed that the barrel contained \$500. worth of silver and adopted this method as being the quickest and best to save it for the company, if possible.

All firemen and members of the insurance protective brigade present, including myself, were more or less affected by the fumes, the symptoms being slight dizziness, extreme dryness of the throat and burning.

Soon as possible thereafter I obtained a supply of fresh ammonium carbonate cubes advising the chief to have his men breathe the ammonia fumes to neutralize the effect of the acid. Draughts of water and milk were also recommended.

No serious results followed, although District Chief Caulfield who was exposed to the fumes more than others, experienced considerable discomfort early the next morning.

Throughout this country many firemen and industrial workers have lost their lives by breathing these fumes, the effects of which are insidious at first. The gas is said to change to nitric acid on coming in contact with the moist tissue of the lungs and death follows from oedema in from 24 to 48 hours after exposure.

The practice of absorbing a solution of free nitric acid and nitrate of silver with wood sawdust is said to be recommended by certain firms engaged in silver reclaiming.

It is a well known fact that organic matter and nitric acid are spontaneously inflammable, to say nothing of the danger to life from the fumes; therefore such practice should receive emphatic condemnation.

Attached hereto is a very interesting letter which I have received from Dr. Eugene J. McCarthy of the State Board of Labor and Industries, explaining the effect of these fumes from a medical view-point.

(Signed) Walter L. Wedger

Chemist, Explosives & Inflammables."

STATE BOARD OF LABOR AND INDUSTRIES

Boston, August 7, 1919.

"Concerning preventive measures to safeguard the lives of firemen in fighting fires where acid fumes are present, such as in plating works or chemical or dye factories, I would suggest to you the use of the World War Gas Mask, either American or French, the latter being lighter and called the Tissot mask. However, the American mask stood the supreme test and saved thousands of American soldiers' lives.

As you know, the gases used in warfare were practically all of acid reaction, so that alkalies were used in the mask as neutralizers. These masks are good for about fifty-five hours' continuous or intermittent use before needing refilling, a card being attached to check off how long used.

The American Government has millions of these masks now on hand of which a reasonable number could be purchased for a nominal sum. The firemen could be given exercises with the masks on so they would become accustomed to them. Soldiers were trained to run up hill with them on and experienced no inconvenience; in fact, the careful soldier would not be without his gas mask, so much confidence had he in it.

Breathing in the fumes of cubes of ammonia carbonate will offset the acid fumes if too great a concentration of fumes has not been breathed and if given immediately after the attack. However, why consider too deeply after treatment when prevention is possible, especially when acid fumes act insiduously and cause NO 2 poisoning. Death may result in 10 to 48 hours after exposure to acid fumes in spite of every available means and methods known to doctors, including oxygen tanks, lung-motors, pulmotors, etc.

Often, large quantities of nitrous gases, (acid fumes) are borne well for six to eight hours without discomfort, when suddenly, after a long interval up to 24 hours without disturbance, ominous symptoms develop. Symptoms of irritation in the air passages appear as a feeling of constriction of the larynx, spasmodic cough, oppression in the chest, labored respiration, anxiety, cold perspiration on the face, protrusion of the eyes, gasping speech, paroxysms of coughing, bluish discoloration of the countenance and coldness of the extremities. Consciousness is at first unimpaired, but with increasing difficulty of breathing it becomes dimmed; injury to the teeth. The urine is scanty, brown in color, containing hemoglobin and albumen. Death

"results from oedema of the lungs. Methemoglobin is present.

This is not painting the symptoms too black as to the possibilities, as you know we have had a number of NO 2 poisoning deaths in certain industrial plants in Massachusetts, and furthermore, have autopsical findings on file of some of these cases, thus making possible positive diagnoses of NO 2 poisoning.

(signed) Eugene J. McCarthy, M. D."

I. ANNUAL ELECTION
BOSTON FIREMEN'S RELIEF FUND

1. The annual election of the Boston Firemen's Relief Fund will be held in accordance with section 1, article 5 of the By-laws, on Monday, September 8, 1919.
2. The attention of the officers and members of the department is called to the provisions of sections 3, 4, 5 and 7 of article 5 of the By-laws of the corporation.
3. Company commanders will kindly see that all ballots are at Fire Headquarters before 1 o'clock P. M., Monday, September 8, 1919.

II. COMMENDATIONS.

1. Ladderman George J. Hamilton of Ladder Co. 8 is hereby commended for responding to and working at fire, box 3375, July 31, 1919, while on a day off.
2. Ladderman George J. Schiedel of Ladder Co. 10 is hereby commended for extinguishing a fire, box 2386, July 31, 1919, while on a day off. Ladderman Schiedel extinguished the fire before the arrival of the apparatus.
3. Ladderman John J. F. Boyle of Ladder Co. 2 is hereby commended for responding to and working at fire, still alarm, 94 Wordsworth street, August 4, 1919, while on a day off.
4. Hoseman Philip G. Ferren of Engine Co. 37 is hereby commended for responding to and working at fire, box 2315, August 5, 1919, while on vacation.
5. Lieut. John F. Curley of Engine Co. 17 is hereby commended for responding to and working at fire, box 3421, August 8, 1919, while on a day off.
6. Capt. James J. Caine of Engine Co. 38/39 is hereby commended for responding to and working at fire, box 3441, August 10, 1919, while on a day off.
7. Hoseman Frank I. Binford of Engine Co. 27 is hereby commended for extinguishing a fire in an automobile in Central street, August 12, 1919, while on a day off. Hoseman Binford's act made it unnecessary to call the department.

By order of the Fire Commissioner:

Peter E. Walsh,
Chief of Department.

I. BOX 2743, JULY 4, 1919.

1. On July 4, 1919 an alarm was received from box 2743 at 1:32 P. M. The fire was in a dwelling house at No. 12 Pleasant street, West Roxbury. Engine 30, without its hose wagon which was at a bog fire, reached number 12 Pleasant street within a reasonably short time after the alarm was received. Ladder 25, with chemical tanks, arrived at the fire with Engine 30. The chemical lines from Ladder 25 were not sufficient to control the fire, and the two streams connected to Engine 30 failed to deliver sufficient water when connection was made with hose from Chemical 13.
2. If the streams of water from Engine 30 had been effective they would have controlled the fire and put it out. It appears on investigation that the pressure on the water gauge on Engine 30 showed a variation from "0" to hydrant pressure (approximately 80 pounds), and that at no time was there continuous effective streams delivered from the nozzles at the ends of the lines of hose. The fire was not under control until Engine 45 arrived and was in service.
3. A complaint was made to the Fire Commissioner that the failure of the lines from Engine 30 to work properly at the fire was due to the stoppage by gravel of the hydrant to which the engine was attached. In order to place the responsibility where it belonged the hydrant was tested at various times and found to show a pressure of 80 pounds. A final test was made of the hydrant in question on Mt. Vernon street, West Roxbury, by representatives of the Water Division of the Public Works Department at the request of the Fire Commissioner, in the presence of the Fire Commissioner, the Chief of Department, Superintendent of Repair Division and representatives of the Water Division. The tests made showed that the gates of the hydrant were not properly opened at the time of the fire. If they had been the damage to the building where the fire originated would have been very much less than it was and the fire would not have spread to surrounding property. The responsibility for not properly opening the hydrant rests with the Engineer of Engine 30.
4. Due care should be exercised in making connections to hydrants. Hereafter the commanding officer at fires will be held responsible for the failure of an engineer to connect properly to a hydrant.

II. CHANGES IN ASSIGNMENT
OF APPARATUS.

1. The assignment of apparatus to boxes 2373, 2374 and 2375 will be changed as follows, to take effect at 9 A. M., Friday, August 22, 1919:
2nd Alarm: Add Engine 45 to cover Engine 28.
2. Company commanders will make these changes on assignment cards.

III. ELECTRICAL FIRES.

1. Any fires caused by electricity are to be reported immediately by telephone to the Fire Alarm Office. The Fire Alarm Office will in turn notify the Wire Division.
2. In addition to reporting by telephone, all fires caused by electricity will also be reported on Form 5.

IV. RETURNING FROM FIRES.

1. The attention of the members of the department is drawn to rule 239:

"Suitable and efficient clothing to safeguard from colds, frost-bites, etc., must be worn in low temperatures. This applies particularly to the wearing of rubber boots, mittens, skull caps, etc."
2. The attention of officers of the department in charge of fires is drawn to rule 264, which reads as follows:

"Unless otherwise directed by the officer in command at the fire or by the fire alarm office, the return of companies to quarters from multiple alarms, or from any fire involving covering movements, shall be made in reverse order to the movement toward a fire."
3. The above section leaves it optional with the officer in charge of a fire as to whether companies shall return to their respective quarters in the same manner in which they responded, or go directly back. Therefore, whenever members are reported to be suffering from the effects of gas or smoke, or are wet during cold weather such members should be given every opportunity to recover, and where the department efficiency will not be lessened these members should be sent directly to their own quarters.

V. MICHAEL J. SULLIVAN.

1. The Fire Commissioner regrets to announce the death of Lieut. Michael J. Sullivan of Ladder Co. 16 at St. Elizabeth's Hospital, August 16, 1919.
2. The funeral was held from his late residence, 32 Tower street, Forest Hills, Tuesday, August 19, 1919. Ladder Co. 16 was excused from duty and sixteen men, under command of District Chief Michael J. Kennedy were detailed as a funeral escort.
3. Lieutenant Sullivan was appointed to this department October 4, 1895 and was promoted to lieutenant January 4, 1907.

VI. COMMENDATION.

1. Asst. Operator Orlando W. Flynn of the Fire Alarm Branch is hereby commended for responding to an alarm from box 635, August 12, 1919, while off duty.

By order of the Fire Commissioner:

Peter E. Walsh,

I. OFFICERS' SCHOOL.

1. The first class of the Officers' School will commence at 10:30 A. M., Tuesday, September 2, 1919 at Department Headquarters, Bristol street, in the room provided for that purpose on the third floor:
2. The dates of the lectures, the lecturers and their subjects are as follows:
 - Sept. 2.
Chief of Department Peter E. Walsh, Opening Address.
Capt. Charles A. Donahoe, "Simple methods of formation for roll call, funeral details, etc."
 - Sept. 3.
Division Engineer Frank A. McInnes, Public Works Department, "Water System".
 - Sept. 5.
Superintendent of Fire Alarm George L. Fickett, "Fire Alarm System".
 - Sept. 6.
Supervisor of Motor Apparatus Charles E. Stewart, "Care of Motor Apparatus".
 - Sept. 8.
Chief of License Division Edward L. Tierney, "Laws, Ordinances, Fire Prevention Regulations, Etc."
 - Sept. 9.
First Deputy Chief John O. Taber, "Marine Fires. Handling of Fire Streams."
 - Sept. 11.
Acting Third Deputy Chief Henry A. Fox. "Building Inspection"
 - Sept. 12.
Second Deputy Chief Daniel F. Sennott. "Tools and Appliances".
 - Sept. 17.
District Chief Albert J. Caulfield, "Fire Fighting in Mercantile and Manufacturing Buildings in the 'High Value' District".
 - Sept. 18.
District Chief Frank A. Sweeney. "Administration and Discipline."
 - Sept. 20.
District Chief Walter M. McLean, "Apartment and Tenement House Fires."
 - Sept. 23.
District Chief William E. Riley, "Sprinklers and Other Private Methods of Fire Protection."

Sept. 24.

District Chief Edward J. Shallow, "Official Papers".

Sept. 26.

Chemist Walter L. Wedger, Massachusetts District Police,
"Explosives, Acids, Etc."

3. All officers below the grade of district chief will, as fast as they can be accommodated, attend the Officers' School.
4. Deputy Chiefs will arrange to have one officer from each district in their respective divisions attend the first class until the course of lectures has been completed.
5. If conditions arise whereby an officer detailed to attend a class is unable to be present at a particular lecture he will attend that lecture in the next following class.

II. AUTOMOBILE SCHOOL.

1. The Automobile School for Officers will commence at 3:30 P. M., Tuesday, September 2, 1919, in the room used by the Officers' School on the third floor, Department Headquarters.
2. Hoseman Harry E. Brennan of Engine 25 will be Instructor under the Supervision of Supervisor of Motor Apparatus Charles E. Stewart.
3. The work will consist of lectures and road lessons in the practical management and use of automobile apparatus of all kinds, especially that in use in the Fire Department.
4. All officers below the grade of district chief will, as fast as they can be accommodated, attend the Automobile School for Officers.
5. Deputy Chiefs will arrange to have one officer (other than the one attending the Officers' School) from each district in their respective divisions attend the first class of the Automobile School until the course has been completed.
6. If conditions arise whereby an officer is detailed to attend a class and is unable to be present at a particular lecture he will attend that lecture at the next following class.

III. ASSIGNMENT.

1. William J. Cooney, Man on Probation, has been assigned to Engine Co. 41, to take effect at 9 A. M., Monday, August 25, 1919.

IV. RELOCATION OF FIRE ALARM BOX.

1. Fire Alarm Box NO. 614 has been moved from Maverick street,

near Smith's Forge Works to the corner of Maverick and Lamson streets.

V. COMMENDATIONS.

1. Hoseman Henry J. Ewing of Engine Co. 26/35 is hereby commended for responding to an alarm from box 656, August 20, 1919, while on a day off.
2. Hoseman William F. Donovan of Engine Co. 42 is hereby commended for responding to alarm from box 2422, August 23, 1919, while on a day off.
3. Ladderman James J. McDonald of Ladder Co. 28 is hereby commended for responding to and working at fire, box 2463, August 21, 1919 while on a day off.

By order of the Fire Commissioner:

Peter E. Walsh,
Chief of Department.

GENERAL ORDERS
NO. 67.

HEADQUARTERS FIRE DEPARTMENT,
BOSTON, AUGUST 30, 1919.

I. INSPECTION.

1. Capt. Charles A. Donohoe, commencing September 2, 1919, will visit the various companies of the department at their quarters. He will inspect the drill of each company for the purpose of establishing a uniformity in the methods of company drilling.

By order of the Fire Commissioner:

Peter E. Walsh,

Chief of Department.