

FIRE DEPARTMENT

AND WIRE DIVISION



CITY OF BOSTON



ANNUAL REPORT 1943

ANNUAL REPORT
OF THE
FIRE DEPARTMENT
AND WIRE DIVISION
OF THE
CITY OF BOSTON
FOR THE
YEAR ENDING DECEMBER 31, 1943



CITY OF BOSTON
PRINTING DEPARTMENT
1944

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ANNUAL REPORT
OF THE
FIRE DEPARTMENT
FOR THE YEAR 1943.

Boston, January 3, 1944.

HON. MAURICE J. TOBIN,
Mayor of Boston.

DEAR SIR,— I have the honor to submit herewith a concise report of the activities of the Boston Fire Department and the Wire Division for the year ending December 31, 1943.

Respectfully submitted,

WM. ARTHUR REILLY,
Fire Commissioner.

I. SPECIAL COMMENTS.

The various features of the Fire Department's activities are summarized on the following pages. A few "high lights" are here summarized.

A. PERSONNEL.

The shortage of men, noticeable in all occupations, continued to make itself felt in the operations of the Fire Department during the year.

Each branch of our service is operating with less personnel than in normal times. The manpower has been distributed as equally as possible so that each division of operation assumed its proportionate share of the shortage.

At the present time, 226 employees of the Fire Department are in the military service, and of this number, 189 are privates in the department. We have been able to replace only 94 of these men from the Civil Service lists, some of whom are provisional military substitutes who are permitted to serve in our ranks until such time as the Civil Service examination takes place. Consideration was given to the possibility of employing firemen on lists of outside towns and communities adjoining Boston, but no action was taken in this due to the non-resident rule, and a desire to exhaust the available supply of Boston men. Consideration was given also to petition the Civil Service Commission for the increasing of the entrance age limit from 35 to 40. No action was taken in this matter because of the fact that the useful years of a man entering the service of the Fire Department at the age of 40 are limited, and for some time it has been felt that the average age of the firemen in our department has been too high. The employment of men between the ages of 35 and 40 would only serve to increase the high age average and it would be reflected in high pension costs in later years.

The policy of the department has been to request deferment for all firemen who are within the draft age. The majority of the Draft Boards cooperated in this respect during the year 1943 when the shortage of manpower became so acute that public notice was

given to the situation. Firemen have been designated as key men by the State Board of Review of the Commonwealth.

During the year we operated with an average of over 100 men less than in normal times and some idea of the turnover taking place in the department may be observed from the fact that we appointed 227 persons and reinstated 8 during the year 1943. There were 88 retirements, 46 resignations and 5 were dropped from the rolls.

At the present time there are 370 employees who are within the draft age.

The increased burden placed upon the working firemen was reflected in our injury rolls which have increased so that our daily average off-duty because of injuries or sick leaves now amounts to 125 men a day; this number includes men who are in some cases seeking pensions and who are not expected to return to active duty. Deducting,—(a) the number of men from the active fire fighting force who are engaged in fire prevention work as a result of the new regulations of the Commonwealth requiring inspections of all places of assembly in Boston, capable of accommodating 50 or more persons; (b) the number of men ordinarily occupied as chiefs' drivers and apparatus operators; (c) the number of men on annual vacations from May to December, and (d) a number of men required for special details and special hazards connected with military operations, it becomes obvious that our 90 fire companies have had to depend to a large extent upon the new, inexperienced provisional military substitutes whom we were able to employ during the year.

A large number of promotions to the rank of lieutenant occurred from the existing eligible list, due to the number of lieutenants who entered the military service making vacancies in the rank of military substitute lieutenants. Likewise, the number of retirements made vacancies in the officers' ranks to an extent larger than usual, which were filled by promotions during the year, and these promotions in turn resulted in a reduced number of privates.

However, the manner in which our privates have carried on continues to record a chapter in the history of our organization which will stand for all time as an example of commendable efficiency.

The leadership provided by the Chief of Department and the deputy chiefs who have had long experience in the Fire Department, supplemented by the work of equally experienced district chiefs, has in a measure made up for the shortage of manpower in the lower ranks.

AUXILIARY FIRE FORCE.

The training of the auxiliary members of our Fire Department by officers of the department has proceeded regularly. Despite the falling off of interest in civilian defense protection, noticed particularly during the last month of the year, approximately 350 citizens of Boston have maintained their membership in the Auxiliary Fire Force and have thus provided insurance to that extent of available manpower to supplement our regular forces in case of an emergency.

The unselfish character of service rendered by members of the Auxiliary Department and their faithful attendance at instruction classes and multiple alarm fires has been an inspiration to all connected with the Civilian Defense Program. The members of our Civilian Auxiliary Fire Force are deserving of the highest commendation for their patriotism and their civic interest in the interests of public safety.

COAST GUARD.

Consideration of the personnel of the Fire Department is not complete without mention of the reserve strength available in case of an emergency from the members of the armed forces stationed in this area.

At various multiple alarm fires, members of the Army, Navy, Marine Corps and Coast Guard, have responded to give whatever assistance might be needed.

The Coast Guard forces especially, in addition to voluntarily responding to large fires, have done a meritorious service for the city through their inspections of waterfront property and marine facilities in Boston Harbor. The fact that there have been no large fires on the Boston waterfront during the war period indicates the high character of vigilance exercised by the Coast Guard and cooperation of the Fire Department and Coast Guard inspection forces in this district.

B. APPARATUS.

During the year two American LaFrance 1,000-gallon pumps were ordered; one Pirsch 1,000-gallon pump and one Mack 1,000-gallon pump. In addition, two Amer-

ican LaFrance 100-foot aerial ladder trucks were ordered, representing an expenditure of approximately \$100,000, and the first substantial installment in the necessary program of replacing present equipment in use which is approaching twenty to twenty-five years in age.

It will be necessary to continue this annual appropriation of \$100,000 a year for a period of ten years, in order to modernize the entire fire fighting equipment, but caution will be exercised during the war period because manufacturers have informed us that the character of material and construction during the war period in apparatus of this kind will, in all probability, be greatly excelled when the war period is over, so that in the post-war years perhaps better apparatus at a lower price may be obtained. However, meanwhile the most necessary replacement of such equipment as rescue trucks, the emergency lighting plant, aerial ladders and pumps must proceed at once.

Seven O.C.D. 500-gallon skid pumps were placed on hose wagons in various sections of the city and fifty skid pumps were located where they would be readily accessible at five different city yards of the Public Works Department. During 1944 twenty-four more skid pumps will be mounted on our hose wagons.

The sum of \$17,000 was appropriated for the necessary expense of removing boilers and tanks from one of our fireboats, Engine 47, as required by the United States Steamboat Inspectors. An additional expense of \$80,000 may be necessary in 1944 for the installation of replacement boilers in tanks and the making of incidental repairs to this boat which will extend its life for a period of at least ten years.

C. FIRE ALARMS.

The total number of alarms during 1943 was 12,548, the largest number in the history of the department.

The total number of false alarms was 1,471.

The highest number of responses to alarms was rendered by Rescue Company 2 which answered 1,609 alarms. Engine Company 14 responded to 1,052 and Ladder Company 23 to 1,023 alarms.

D. FIRE LOSS.

Fire losses in the United States reached the highest peak in eleven years during the year 1943. In the face

of this fact, the fire loss in Boston dropped 21.8 per cent during the year. Only twenty-two fire losses of over \$15,000 occurred during the year, with the largest single loss being that which occurred on January 16 at the Palmer and Parker Lumber Yard in Charlestown, which totalled \$237,000.29.

There were 9,643 alarms with no loss.

E. EDUCATIONAL PROGRAM.

No Fire College was conducted during the year, but many sessions of Drill School were conducted for the new members entering the department.

All lieutenants and captains attended the Navy School in South Boston for special instruction in the handling of oil fires.

Fire Prevention inspectors attended Saturday morning lectures weekly for the purpose of discussing inspection problems and procedures.

F. DEPARTMENT MANUALS.

A comprehensive revision of the printed literature available for various members of the department and for outside agencies was planned and, as a result, during 1944 revised and up-to-date regulations pertaining to public safety will be issued by the Fire Prevention Division. An Inspector's Guide; a Guide for Officers; a Guide for New Appointees; a new style Fire Alarm Box Location Book; a new style Rule Book will be issued, and replacement of our running cards at fire stations, which have worn out after many years of use, will be made.

A Manual for Auxiliary Firemen was published in 1943.

It is also expected that during 1944 a series of Fire College lectures and bulletins will be prepared for distribution to the department for special study in the absence of a regular Fire College course during the year. It appears as though the Fire College sessions, formerly conducted in the department, will have to be discontinued during the war period due to the fact that the men cannot be spared from quarters for the period of time sufficient to attend Fire College lectures. As a substitute therefor, the pamphlet and printed document series is proposed for distribution to all fire stations and study by company members under the direction of their officers.

G. MEMORIAL MASS.

On the first anniversary of the East Boston fire at which six members of the department lost their lives, a Memorial Mass was held at St. Clement's Church, Boston, November 15, 1943, at which our department Chaplain, Rev. Henry J. O'Connell, officiated.

An Annual Communion Sunday has been decided upon, to be held in May, 1944, at this same church.

H. MAINTENANCE PROBLEMS.

The Maintenance Division of the Fire Department has been highly successful in keeping department property in good condition in spite of the shortage of many necessary building materials and the difficulty of obtaining replacement tools and equipment.

Our motor apparatus, steadily aging, has been kept in operating condition despite long delays in securing replacement parts, the shortage of rubber for tires, and maintenance of personnel in the face of attractive positions in outside industry paying higher wages for work by machinists, mechanics and tradesmen with special skill of all sorts.

The same conditions have applied in the Fire Alarm Construction Force where a shortage of cable available for replacement and repair purposes and the shortage of other critical materials ordinarily used in maintaining electrical circuits and equipment have presented obstacles which this division has successfully surmounted. Likewise, this force resisted the inducements of employment in private industry and wages substantially higher than current salaries in the city's service.

I. NEW CONSTRUCTION AND ALTERATIONS.

Plans are in progress for the construction of a new fire station in West Roxbury; for the remodeling of Ladder Company 8, Fort Hill square, and for the installation of water tanks for the purpose of testing pumps at the Headquarters yard.

J. POST-WAR PROJECTS.

An outline of work to be undertaken in the post-war period includes the following:

1. Installation of an audible fire alarm system by means of direct wires to all stations, whereby fire alarms

may be transmitted by voice, supplemented by radio, using the present telegraph system simultaneously for confirmation and verification.

2. The construction of a garage and motor repair shop, possibly in combination with Headquarters executive offices, for the purpose of providing sufficient storage for special service equipment, for the repair of ladder trucks and for the housing of reserve apparatus. Included in this same unit would be the Fire Alarm Construction Force and a garage capable of storing 100 passenger cars and light trucks.

3. A comprehensive remodeling of at least fifteen fire stations, including the installation of concrete in place of present wooden floors and repartitioning second-floor accommodations.

4. Acquisition of at least two small Diesel-operated fireboats for use in channels and the Charles river where our fireboats cannot operate during low tide at the present time.

5. The relocation and combination of several downtown companies with the objective of obtaining more strategic location and more efficient utilization of manpower.

6. Construction of fire houses in West Roxbury and East Boston (Orient Heights).

PERSONNEL.

EXECUTIVE ORGANIZATION. BOSTON FIRE DEPARTMENT.

1943.

Fire Commissioner, WILLIAM ARTHUR REILLY.*Executive Secretary*, WILLIAM D. SLATTERY.*Medical Examiner*, MARTIN H. SPELLMAN.*Chief of Department*, SAMUEL J. POPE.*Deputy Chiefs.*

Division 1.—Louis C. Stickle, Napeen Boutilier, Fort Hill square, Boston.

Division 2.—William F. Quigley, John F. McDonough, 72 Warren avenue, Boston.

Division 3.—Dennis J. Coughlin, Daniel Martell, 36 Washington street, Dorchester.

District Chiefs.

District 1.—James J. Crowley, Jeremiah J. Cronin, 381 Saratoga street, East Boston.

District 2.—Patrick E. Collins, Patrick F. McDonough, 34 Winthrop street, Charlestown.

District 4.—Michael J. Aylward, John F. Pettit, Bowdoin square, Boston.

District 5.—Daniel Crowley, James J. Kelleher, 194 Broadway, Boston.

District 6.—Edward G. Chamberlain, James J. Kane, 119 Dorchester street, South Boston.

District 7.—William J. Mahoney, Henry S. Franz, 72 Warren avenue, Boston.

District 8.—Charles H. McDonnell, Charles D. Robertson, 560 Huntington avenue, Roxbury.

District 9.—Patrick F. O'Neil, 198 Dudley street, Roxbury.

District 10.—Daniel J. Hurley, John F. Howard,* Meeting House Hill, Dorchester.

District 11.—Joseph W. Shea, James J. Harrington, 16 Harvard avenue, Allston.

District 12.—Timothy F. Donovan, Franklin B. Sanborn, 659 Centre street, Jamaica Plain.

District 13.—William F. Donovan, Edward F. McCarthy, 4246 Washington street, Roslindale.

* Effective January 5, 1944.

FIRE DEPARTMENT.

11

District 14.—Michael F. Minehan, William A. Donovan,† James A. Gagan, 1884 Dorchester avenue, Dorchester.

District 15.—Allen J. Jarvis, John J. O'Brien, 30 Winthrop street, Hyde Park.

*Maintenance Division.*Superintendent.—Walter C. Glynn, 70 Bristol street, Boston.
General Foreman.—John D. Buckley, 11 Wareham street, Boston. (Died July 15, 1943.)

Motor Apparatus Engineer.—James W. Ryan, 70 Bristol street, Boston.

Supervisor of Building Repairs.—Charles W. Nicholson, 70 Bristol street, Boston.

Engineer in Charge, High Pressure.—Stephen E. O'Brien, 70 Bristol street, Boston.

*Fire Alarm Division.*Superintendent.—Albert L. O'Banion, 59 Fenway, Boston.
Assistant Superintendent.—William N. Bonner, 11 Wareham street, Boston.

Supervisor of Construction.—John J. Lanigan, 11 Wareham street, Boston.

Foreman of Construction.—Earl F. Lyons, 11 Wareham street, Boston.

Chief Operator.—J. Edward Laughlin, 59 Fenway, Boston.

Fire Prevention Division.

Deputy Chief.—Edward N. Montgomery,* 60 Bristol street, Boston.

District Chief.—William F. Donovan, 60 Bristol street, Boston.†

Lieutenants.—Thomas P. Lane, Frank J. Linney, Francis W. Kelley, 60 Bristol street, Boston.

Wire Division.

Superintendent.—Bernard B. Whelan, 60 Bristol street, Boston.

Chief Inspector.—John M. Walsh, 60 Bristol street, Boston.

* Effective January 5, 1944.

† Detailed from District 14.

DIRECTORY OF COMPANY OFFICERS—DECEMBER 31, 1943.

ENGINE COMPANIES.

1. Capt. Patrick J. Mahoney.
2. Capt. Michael G. Foley.
3. Capt. John P. Buckley.
4. Capt. Carl S. Bowers.
5. Capt. James C. Harrington (M. S.).
6. Capt. John V. Stapleton.
7. Capt. John A. Morrissey.
8. Capt. Jacob G. Berninger.
10. Capt. John F. Fitzgerald.
11. Capt. John J. Devine.
12. Capt. Chester J. Melanson.
13. Capt. Patrick F. Hagerty.
14. Capt. William C. McCarthy.
15. Capt. Roger T. White.
16. Capt. Walter D. Holden.
17. Capt. William J. Walsh.
18. Capt. Philip S. Bates.
19. Capt. John F. Cox.
20. Capt. Edwin F. Fay.
21. Capt. William J. Nolan.
22. Capt. John L. Glynn.
23. Capt. Hugh J. Goodfellow.
24. Capt. James E. Welch.
25. Capt. John F. Sampson.
26. Capt. William A. Terrenzi (M. S.).
27. Capt. Stephen F. Gunn.
28. Capt. Egbert R. Murphy.
29. Capt. John J. Morgan.
30. Capt. William F. Heldt.
31. Capt. John J. Smith.
32. Capt. Walter W. Corwin.
33. Capt. John B. Parkes.
34. Capt. Frederick F. Keenan.
35. Capt. Thomas P. Reilly (M. S.).
36. Capt. Edward F. Cuniff.
37. Capt. John H. Hoar.
38. Capt. Joseph F. McKendrew.
39. Capt. Michael J. Maher.
40. Capt. Robert J. Ritchie.
41. Capt. William B. Coughlan.
42. Capt. Michael J. McGonagle.
43. Capt. Howard M. Dolbeare.
44. Capt. Coleman G. Clougherty.
- Lieut. Daniel P. Hegarty.
- Lieuts. Thomas L. Corliss, Henry M. Ducey.
- Lieuts. Joseph F. Burke, John J. McDonough (M. S.).
- Lieut. Henry W. Shafer.
- Lieuts. John J. McNamara, James J. Cox.
- Lieut. John R. Coleman.
- Lieut. Charles L. McDevitt.
- Lieuts. William M. Dundon, Harry W. Murphy.
- Lieut. John P. Cormican.
- Lieut. Edward J. Welch.
- Lieut. Charles D. Travis.
- Lieut. Robert M. Walsh.
- Lieut. John T. Buckley.
- Lieut. David F. Watkins.
- Lieut. Timothy J. Keefe.
- Lieuts. John J. Mahoney, James L. Donovan (M. S.).
- Lieut. Patrick F. Carroll.
- Lieut. Henry J. McCue.
- Lieut. William C. Jeffers.
- Lieut. Daniel P. Connor.
- Lieuts. John J. Glynn, Thomas F. Haley.
- Lieut. James J. Grady.
- Lieut. Edward J. Donelan.
- Lieut. William D. Hart.
- Lieuts. James F. Flahive, Gerald L. Cremin.
- Lieuts. Daniel E. Murphy, Herbert C. Collins.
- Lieuts. Gerald F. Keenan, John F. McGloan.
- Lieuts. Thomas P. Lohan, Harry R. Ryerson.
- Lieut. James F. McMahon (M. S.).
- Lieut. Thomas B. Maguire.
- Lieut. Joseph I. Canavan.
- Lieut. Frank A. Agnew.
- Lieut. William A. Henneberry.
- Lieut. Frederic H. Marley.
- Lieut. James F. Orpin.
- Lieut. Martin A. Kenealy, Jr.
- Lieut. Frederick B. Seitz.
- Lieuts. George F. Todd, William E. Kelly.
- Lieut. William P. Boudreau.
- Lieuts. John E. J. Broughton, John J. McGowan.
- Lieut. Pearson J. Powers.
- Lieut. Bartholomew F. Clements.
- Lieut. William J. Kelly.
- Lieut. Clarence W. Snow.
- Lieuts. Harry Moran, Patrick J. Burke.

DIRECTORY OF COMPANY OFFICERS—DECEMBER 31, 1943.

47. Capt. John J. Sheehan.
48. Capt. William J. Rooney.
49. Capt. Michael J. McLaughlin.
50. Capt. Charles B. Lynch.
51. Capt. J. Herbert White.
- Lieut. James F. White.
- Lieuts. George P. Smith, Howard T. Chase.
- Lieut. James G. Buchanan.
- Lieut. John P. Brooks.
- Lieut. William P. Dungan.
- Lieuts. Henry H. Dionne, David J. Murray.
- Lieuts. Daniel A. White, Robert J. Alther.

LADDER COMPANIES.

1. Capt. Maurice J. Buckley.
2. Capt. Edward T. Lynch (M. S.).
3. Capt. Henry J. Sybertz.
4. Capt. Arthur A. Nixon.
5. Capt. James F. McFadden.
6. Capt. John J. Blakely.
7. Capt. Joseph W. Fix.
8. Capt. Thomas D. Brown.
9. Capt. William T. Hogan.
10. Capt. John C. J. Merrill.
11. Capt. Walter E. Crouch.
12. Capt. William J. Shepard.
13. Capt. John H. McCarthy.
14. Capt. Lawrence J. McAdams.
15. Capt. Edward F. Doyle.
16. Capt. William A. S. Hughes.
17. Capt. John T. J. Cronin.
19. Capt. Eugene J. Doherty.
20. Capt. Richard J. Lane.
21. Capt. Thomas J. Burke.
22. Capt. John J. Crehan.
23. Capt. William H. Leonard.
24. Capt. John J. Ryan.
25. Capt. Charles J. Greeley.
26. Capt. John J. Ainsworth.
27. Capt. William M. Phelan.
- Lieut. Edward W. Buckley.
- Lieut. Walter W. Fleming.
- Lieut. William F. Dewan.
- Lieut. Hugh A. Shute.
- Lieut. John A. Allen.
- Lieut. William J. Brooks.
- Lieut. Frank D. McMackin.
- Lieut. John F. McNamara.
- Lieut. Frederick L. Muir.
- Lieut. William O. Hawkins.
- Lieuts. Thomas F. Mulhern, Henry W. E. Powers.
- Lieut. John J. McHugh.
- Lieut. Thomas F. Twomey.
- Lieut. Daniel P. Dacey.
- Lieut. John J. Fitzgerald.
- Lieut. Francis J. McFague.
- Lieut. Carl A. V. Anderson.
- Lieuts. Frederick J. Dobbratz, John E. Sweeney.
- Lieuts. Henry M. Wheeler, Edward J. Galvin.
- Lieut. Francis J. Newell.
- Lieuts. Dennis A. Connelly, Henry L. Kelley (M. S.).
- Lieuts. John J. Sullivan, Charles F. McCarthy.
- Lieut. Joseph H. Downing.
- Lieut. Carroll S. Murphy.
- Lieut. Joseph P. O'Connell (M. S.).
- Lieut. Raymond B. LaCasse.
- Lieut. Arthur W. Howard.
- Lieuts. William F. Ryan, George R. McLaughlin, William J. Donahue (M. S.).
- Lieut. Michael J. Egan.
- Lieut. Phillip J. Flynn.
- Lieut. Richard A. Ash.

RESCUE COMPANIES.

1. Capt. John A. Martin.
2. Capt. Thomas M. Manning.
3. Capt. James A. Kennedy.
- Lieut. Miles V. Murphy.
- Lieut. Thomas J. Mulhern.
- Lieut. John J. Martin.

TOWER COMPANIES.

1. Lieut. Ralph A. MacKinnon (M. S.).
2. Lieut. George L. Evanson.

IN MEMORIAM.

Deaths of Active Members During 1943.

DATE.	Name.	Rank.	Company.
January 11....	John T. Hackett.....	Hoseman.....	Fire Prevention Division.
January 18....	William H. O'Dea.....	Lieutenant.....	Ladder 25.
March 11....	James J. Sullivan.....	Hoseman.....	Engine 16.*
March 26....	Daniel F. Mahoney.....	Lieutenant.....	Ladder 9.
April 23....	Laurence P. Burke.....	Hoseman.....	Fire Prevention Division.
May 19....	George T. Magoun.....	Ladderman.....	Ladder 17.
June 20....	John M. Carroll.....	Hoseman.....	Engine 44.
July 15....	John D. Buckley.....	General Foreman.	Maintenance Division.
July 27....	Edward F. Burke.....	Hoseman.....	Engine 41.
August 26....	Bernard J. Hoppe.....	Engineer, Motor Squad.....	Maintenance Division.
November 8....	Robert E. McBrine.....	Ladderman.....	Ladder 5.
December 11....	Charles J. Fleming.....	Captain.....	Engine 11.
December 15....	Edward J. White.....	Captain.....	Engine 49.

* Died while in United States Military Service.

MEMBERS WHO REACHED FORTY YEARS OF ACTIVE SERVICE, 1943.

Deputy Chief William F. Quigley, Division 2.
 Captain Thomas D. Brown, Ladder 8.
 Hoseman Edward F. Featherston, Fire Prevention Division.
 Hoseman William J. Kelley, Fire Prevention Division.
 Hoseman John F. Dowd, Engine 15.
 Hoseman Dennis F. Daly, Engine 48.
 Engineer Edward J. Twomey, High Pressure.

MEMBERS WHO REACHED TWENTY-FIVE YEARS OF ACTIVE SERVICE, 1943.

Captain Chester J. Melanson, Engine 13.
 Captain Walter W. Corwin, Engine 32.
 Captain Thomas P. Reilly, Engine 36.
 Captain J. Herbert White, Engine 53.
 Captain Richard J. Lane, Ladder 23.
 Captain John A. Martin, Rescue 1.
 Lieutenant Charles Connors, Aide to Chief of Department.
 Lieutenant James J. Cox, Engine 6.
 Lieutenant John R. Coleman, Engine 7.
 Lieutenant Charles L. McDevitt, Engine 8.
 Lieutenant William M. Dundon, Engine 9.
 Lieutenant John T. Buckley, Engine 14.
 Lieutenant Harry Moran, Engine 46.
 Lieutenant James G. Buchanan, Engine 49.
 Lieutenant Frederick L. Muir, Ladder 9.
 Lieutenant Henry W. E. Powers, Ladder 11.
 Francis J. Scott, Aide to Chief of Department.
 Jacob Morris, Aide to Medical Examiner.
 Apparatus Operator John R. Harrington, High Pressure.
 Apparatus Operator John E. McFarland, High Pressure.
 Apparatus Operator Cornelius J. Sullivan, Engine 3.
 Apparatus Operator Patrick J. Manning, Engine 12.
 Apparatus Operator Arthur J. Short, Engine 13.
 Apparatus Operator James W. McQuaide, Engine 18.
 Apparatus Operator Thomas J. Daly, Engine 21.
 Apparatus Operator John J. Frazier, Engine 22.
 Apparatus Operator Paul C. Rodd, Engine 35.
 Apparatus Operator John J. Corcoran, Engine 40.
 Apparatus Operator Lawrence M. Cavanagh, Engine 42.
 Apparatus Operator Eugene H. Mason, Engine 48.
 Hoseman Louis Cohen, Fire Prevention Division.
 Hoseman Harry W. Cummings, Fire Prevention Division.
 Hoseman John J. Hanley, Fire Prevention Division.
 Hoseman John L. Morrison, Fire Prevention Division.
 Hoseman Joseph S. Ring, Engine 7.
 Hoseman William F. Sweeney, Engine 7.
 Hoseman John H. Agnew, Engine 8.
 Hoseman John B. Carr, Engine 8.
 Hoseman Frederick F. Dolaher, Engine 9.
 Hoseman Albert T. Wood, Engine 10.
 Hoseman Daniel G. Harrington, Engine 11.
 Hoseman Martin J. Powers, Engine 11.
 Hoseman John J. Skehan, Engine 11.
 Hoseman John J. Lennon, Engine 12.
 Hoseman William F. Guenther, Engine 15.
 Hoseman Louis W. Tucker, Engine 17.

MEMBERS WHO REACHED TWENTY-FIVE YEARS OF ACTIVE SERVICE (Continued).

Hoseman Edward J. Brown, Engine 20.
Hoseman Thomas W. Cooke, Engine 20.
Hoseman Charles H. McCormack, Engine 20.
Hoseman Thomas J. Talbot, Engine 22.
Hoseman Edward G. Gillespie, Engine 27.
Hoseman William F. Gillespie, Engine 31.
Hoseman Fred H. McDermott, Engine 31.
Hoseman Alexander N. Morrison, Engine 33.
Hoseman Patrick H. Murphy, Engine 35.
Hoseman Charles V. Campbell, Engine 39.
Hoseman John J. Neville, Engine 41.
Hoseman James D. Driscoll, Engine 42.
Hoseman George H. Hassett, Engine 42.
Hoseman Albert S. Murphy, Engine 42.
Hoseman Michael L. Conley, Engine 43.
Hoseman Timothy F. Galvin, Engine 43.
Hoseman Joseph F. Joaquim, Engine 43.
Hoseman Michael J. Riley, Engine 43.
Hoseman William R. Walker, Engine 43.
Hoseman Lewis H. Forrest, Engine 46.
Hoseman Edmund J. Bowler, Engine 49.
Hoseman John F. Sullivan, Engine 49.
Hoseman Henry D. Walsh, Engine 51.
Hoseman William F. Ticha, Tower 2.
Ladderman Thomas J. Riley, Ladder 1.
Ladderman William J. Buckley, Ladder 3.
Ladderman George F. Finch, Ladder 4.
Ladderman Joseph W. Blanke, Ladder 5.
Ladderman Joseph P. Shea, Ladder 5.
Ladderman Carl O. Blumquist, Ladder 6.
Ladderman William J. Winn, Ladder 6.
Ladderman Frank J. Galvin, Ladder 7.
Ladderman Thomas J. Cahill, Ladder 10.
Ladderman Frank C. Jacobs, Ladder 10.
Ladderman John F. Gallagher, Ladder 11.
Ladderman Joseph W. Griffin, Ladder 11.
Ladderman Daniel J. Sullivan, Ladder 11.
Ladderman John J. Martin, Ladder 13.
Ladderman Robert J. Davis, Ladder 14.
Ladderman William J. McKernan, Ladder 15.
Ladderman John J. Madigan, Ladder 16.
Ladderman David A. Shea, Ladder 16.
Ladderman Joseph A. Shea, Ladder 18.
Ladderman Arthur I. Roake, Ladder 19.
Ladderman Walter E. Weston, Ladder 19.
Ladderman Charles Vogel, Ladder 20.
Ladderman John W. Hoye, Ladder 21.
Ladderman Joseph J. Marshall, Ladder 21.
Ladderman Ronald D. McEachern, Ladder 21.
Ladderman John F. Cavanagh, Ladder 27.
Ladderman James J. Driscoll, Ladder 27.
Ladderman Harold E. Boyd, Ladder 28.
Ladderman Joseph P. Doyle, Ladder 28.
Ladderman Ingvard P. Holm, Ladder 28.
Ladderman Christopher J. Harris, Ladder 30.
Ladderman Daniel F. O'Connell, Ladder 30.
Operator William H. Sullivan, Jr., Fire Alarm Division.
Assistant Batterymen Thomas A. Kelley, Fire Alarm Division.
Cable Splicer Frederick J. Harris, Fire Alarm Division.

MEMBERS WHO REACHED TWENTY-FIVE YEARS OF ACTIVE SERVICE (Concluded).

Supervisor of Building Repairs, Charles W. Nicholson, Maintenance Division.
Auto Repairer George H. Conner, Maintenance Division.
Auto Repairer Daniel J. Flynn, Maintenance Division.
Auto Repairer Daniel A. Sullivan, Maintenance Division.
Master Blacksmith Arthur Finney, Maintenance Division.

NAMES ADDED TO ROLL OF MERIT DURING 1943.

Captain James A. Kennedy, Rescue Company 3.
Hoseman Owen J. Coyne, Rescue Company 3.
Hoseman William Callaghan, Engine Company 10.
Hoseman Patrick H. Murphy, Engine Company 35.
Hoseman Edward B. Nolan, Engine Company 28.
Ladderman Thomas J. Cooney, Ladder Company 29.

OFFICERS AND MEMBERS OF FIRE DEPARTMENT SERVING IN THE ARMED FORCES OF THE UNITED STATES. (On Leave of Absence.)

Capt. Leo C. Driscoll	Engine 13	U. S. C. G.
Capt. Edward J. Gaughan	Engine 26	Navy
Capt. Francis B. Hanron	Engine 13	U. S. C. G.
Capt. William J. Magner	Engine 33	Navy
Lieut. Joseph F. Kilduff	Headquarters	Navy
Lieut. Augustus J. Beaupre	Headquarters	Army
Lieut. Albert F. Donahue	Engine 23	U. S. C. G.
Lieut. Francis J. Doyle	Headquarters	Navy
Lieut. George M. Eaton	Ladder 19	U. S. C. G.
Lieut. James J. Flanagan	Tower 2	Navy
Lieut. John F. Galvin, Jr.	Engine 53	Army
Lieut. John M. Harrington	Engine 28	Army
Lieut. Lloyd M. Johnson	Engine 6	Navy
Lieut. Percy LeB. Richardson	Engine 22	U. S. C. G.
Lieut. Henry W. Shafer	Engine 5	Navy
Lieut. Edmund J. Sheehan	Engine 26	U. S. C. G.
Aide to Chief Thomas F. Kilduff	Headquarters	Navy
Apparatus Operator John J. Lowrey	Engine 26	U. S. C. G.
Apparatus Operator Eugene F. O'Neil	Engine 28	U. S. C. G.
Apparatus Operator Cornelius J. Sullivan	Engine 3	U. S. C. G.
Apparatus Operator Alfred P. Toner	Engine 3	U. S. C. G.
Master Joseph P. McDonough	Engine 31	U. S. C. G.
Second Engineer Raymond F. Garrity	Engine 44	U. S. C. G.
Second Engineer Arthur J. Landry	Engine 47	U. S. C. G.
William P. Ahern	Engine 23	Army
Joseph P. Anderson	Engine 12	U. S. C. G.
Sarkis A. Arzoomanian	Engine 32	Army
Warren E. Barnard	Ladder 21	Army
Thomas W. Barrett, Jr.	Engine 52	Army
William H. Bell	Engine 22	U. S. C. G.
Vincent A. Bolger, Jr.	Ladder 29	Navy
John A. Bonanno	Engine 5	U. S. C. G.
Henry G. Boudreau	Ladder 13	U. S. C. G.
Carl F. Bowers	Engine 19	Army
Arthur E. Brennan	Engine 32	Navy
Alonzo P. Brooks	Ladder 9	Navy

OFFICERS AND MEMBERS OF FIRE DEPARTMENT
SERVING IN THE ARMED FORCES OF THE
UNITED STATES. (On Leave of Absence.)—Cont.

Arthur D. Brownell	Engine 48	U. S. C. G.
Thomas F. Callahan, Jr.	Engine 8	Army
Michael J. Camerlengo	Ladder 25	Navy
Martin J. Cannata	Engine 27	Army
Thomas E. Carney	Engine 23	Navy
Robert B. Cassidy	Ladder 24	Navy
Daniel Ciampa	Ladder 31	U. S. C. G.
William A. Carlone	Ladder 21	Army
Frederick P. Claus	Ladder 30	U. S. C. G.
John J. Coakley	Ladder 29	U. S. C. G.
Jeremiah J. Cody	Ladder 29	Army
Andrew F. Collins	Engine 23	Army
Daniel P. Collins	Ladder 7	Navy
John J. Collins, Jr.	Ladder 27	Navy
Robert W. Collins	Ladder 4	Army
George A. Comfrey	Ladder 29	U. S. C. G.
Francis M. Connell	Ladder 16	Navy
Michael A. Connolly	Engine 15	U. S. C. G.
Thomas J. Connor	Ladder 17	U. S. C. G.
William J. Connor	Engine 14	Navy
James H. Conway	Ladder 19	U. S. C. G.
James J. Conway	Engine 11	Army
Angelo Corolla	Engine 9	U. S. C. G.
Anthony G. Costa	Ladder 8	Navy
John A. Culhane	Ladder 26	Army
Thomas E. Cunniff	Ladder 18	Navy
Joseph A. Cutcliffe, Jr.	Engine 22	Navy
James A. Dailey	Ladder 30	Army
Norman F. Davidson	Ladder 6	Navy
John F. Denehy	Engine 32	U. S. C. G.
Philip F. Devlin	Engine 10	Army
Joseph C. Doherty	Engine 27	Navy
Joseph F. Doherty	Engine 49	Army
Everett C. Dolan	Engine 25	U. S. C. G.
Thomas Donovan	Engine 50	Navy
William D. Donovan	Engine 22	Navy
Francis J. Donnelly	Engine 12	Navy
James H. Donnelly	Engine 17	Navy
James T. Donohoe	Ladder 16	Navy
Dennis J. Donovan	Ladder 29	Navy
Gerald F. Donovan	Engine 1	Navy
George W. Douglas	Ladder 14	U. S. C. G.
Walter J. Doyle	Ladder 4	Navy
Robert B. Drew	Ladder 1	Navy
Frank B. Dunbar	Engine 25	U. S. C. G.
William H. Edwards	Engine 2	Navy
Thomas H. Eggers	Engine 10	U. S. C. G.
Harold J. Ennis	Engine 14	Navy
Matthew F. Espinola	Engine 52	Navy
John F. Everett	Engine 50	Navy
Edmund D. Farrell	Engine 32	U. S. C. G.
Raymond E. Favret	Engine 53	Army
William H. Fay	Ladder 12	U. S. C. G.
Edwin M. Finnegan	Engine 21	Army
Francis X. Finnegan	Engine 31	U. S. C. G.
Jeremiah F. Foley	Engine 13	Army
Christopher S. Fraser	Engine 22	Navy
Thomas J. Friary		

OFFICERS AND MEMBERS OF FIRE DEPARTMENT
SERVING IN THE ARMED FORCES OF THE
UNITED STATES. (On Leave of Absence.)—Cont.

Michael L. Galvin	Rescue 1	Navy
Walter I. Garrity	Engine 38	Navy
Arthur E. Gately	Engine 12	Army
Stanley Gawlinski	Ladder 18	Navy
Michael J. Giunta	Ladder 12	Army
David Goldman	Ladder 17	U. S. C. G.
John F. Good	Engine 13	Navy
Edward H. Hanbury	Engine 14	Navy
Henry L. Hansen	Ladder 12	Army
David F. Harrison	Ladder 7	Army
James J. Hartnett	Ladder 30	U. S. C. G.
Joseph P. Hession	Engine 19	Navy
Harold W. Higgins, Jr.	Engine 2	Army
John B. Hoar, Jr.	Engine 37	Army
Philip I. Howlett	Engine 2	Navy
Thomas F. Hughes	Ladder 12	Army
Francis J. Hurley	Engine 14	U. S. C. G.
James J. Hurley	Engine 9	Navy
Thomas F. Hurley	Engine 10	U. S. C. G.
Vincent J. Iannelle	Ladder 1	Navy
Anthony W. Kane	Engine 2	Navy
John J. Kelley	Headquarters	U. S. C. G.
William D. Kelly	Engine 23	Navy
William T. Kenneale	Engine 50	U. S. C. G.
Robert E. Kenneally	Engine 39	Navy
William L. Kilduff	Engine 13	Army
Willard V. King	Engine 53	U. S. C. G.
Max Kneller	Engine 36	Army
Richard J. Lane, Jr.	Ladder 17	Navy
John F. Larson	Rescue 1	U. S. M. C.
Charles Laubenstein	Engine 6	Navy
Michael A. Laurano, Jr.	Engine 5	Navy
Edwin L. Lawson	Ladder 10	Navy
Kenneth E. Liddell	Ladder 10	Army
Joseph J. Luna	Ladder 9	U. S. M. C.
Augustus J. Lyons	Engine 28	Army
Thomas P. Maguire	Engine 42	Navy
Alfred E. Maher	Engine 52	Navy
James F. Mahoney	Engine 8	Navy
Albert G. Malcolm, Jr.	Ladder 31	Army
John T. Manning	Engine 23	Army
Walter A. Maraghy	Ladder 30	Navy
Charles Martindale	Engine 38	U. S. C. G.
Charles E. Maus	Ladder 29	Army
Charles M. McGowan, Jr.	Ladder 6	Army
Warren R. MacInnes	Engine 26	Army
John J. McCarthy	Engine 53	Army
Leo C. McCarthy	Engine 50	U. S. C. G.
Richard P. McCormick	Ladder 29	Army
John J. McDewitt	Ladder 9	Navy
Charles L. McEachern	Engine 39	U. S. C. G.
Daniel J. McEleney	Ladder 22	Army
Thomas J. McGrath	Engine 14	Army
Herbert I. McLane	Engine 47	Navy
Harold P. McLean	Engine 47	Navy
William V. McNamara	Engine 49	Navy
Edward J. McNulty	Rescue 1	Army
Joseph L. Mello	Engine 28	Army
Vincent J. Miller	Ladder 8	U. S. C. G.

**OFFICERS AND MEMBERS OF FIRE DEPARTMENT
SERVING IN THE ARMED FORCES OF THE
UNITED STATES. (On Leave of Absence.)—Concl.**

Patrick F. J. Morgan	Engine 50	U. S. C. G.
John J. Moriarty	Engine 30	Army
Francis J. Mulhern	Engine 25	Army
Arthur C. Mullen, Jr.	Engine 46	Navy
Richard B. Mullen	Ladder 24	Navy
Joseph L. Murphy	Ladder 26	Army
William G. Murray	Engine 24	Army
Edward B. Nolan	Engine 26	Navy
John J. Norton	Ladder 29	Navy
John C. O'Brien	Engine 37	Navy
Hilary J. O'Connell	Ladder 31	U. S. C. G.
William A. O'Connor	Ladder 30	Army
Joseph R. O'Donnell	Ladder 20	Navy
Charles A. O'Dowd	Engine 51	Army
John J. O'Mara	Ladder 19	Navy
John F. O'Shea	Ladder 6	Navy
Peter F. Palmieri	Ladder 18	Army
John E. Pomeroy	Ladder 18	U. S. C. G.
John A. Powers	Engine 35	Navy
William E. Powers	Ladder 31	Army
Paul B. Reardon	Ladder 30	Army
Milton F. Ritterbush	Ladder 8	Army
Arthur I. Rosko	Ladder 19	U. S. C. G.
Charles G. Robertson	Ladder 3	U. S. C. G.
George M. Sacco	Ladder 31	Army
Joseph H. Schiller	Engine 6	Navy
Guerino F. Scipione	Ladder 12	U. S. C. G.
William J. Siney	Ladder 16	Navy
Francis N. Smith	Engine 3	Army
Manuel J. Sousa	Engine 40	U. S. C. G.
Joseph P. Spolidoro	Engine 18	Navy
Gerald F. Stamm	Engine 3	U. S. C. G.
Edwin G. Steidinger	Engine 42	Navy
William A. Stowe	Engine 22	Army
Alfred Sudhalter	Ladder 14	Army
Edward L. Sullivan	Engine 32	Army
Robert LeB. Sullivan	Ladder 13	Army
Walter L. Sullivan	Ladder 8	U. S. C. G.
Rizkallah Teebagy	Engine 41	U. S. C. G.
Joseph L. Tehan	Ladder 5	Navy
George Thompson	Ladder 14	Army
Peter A. Thompson	Engine 50	Army
Walter J. Thompson	Engine 31	Navy
Michael Tuberosa	Engine 40	U. S. C. G.
Herbert B. Varley	Ladder 8	Navy
Guy J. Vicini	Ladder 2	Army
Domenico R. Vitale	Engine 19	Army
John J. Walsh	Engine 10	Navy
Peter H. Walsh, Jr.	Engine 19	Navy
Henry M. Welch	Engine 2	Navy
James E. Welch, Jr.	Engine 35	Army
James C. Wilson	Ladder 23	Navy
Leo A. Wisentaner	Ladder 24	Navy

**MEMBERS OF AUXILIARY DIVISIONS SERVING IN
ARMED FORCES OF THE UNITED STATES.**

William J. Bates	Fire Alarm	Army
Julius W. Boris	Maint. Div.	Army
Joseph P. Cawley	Headquarters	Army

**MEMBERS OF AUXILIARY DIVISIONS SERVING IN
ARMED FORCES OF THE UNITED STATES.—Concl.**

Dewey H. Crawford	Wire Div.	Navy
Leo J. Donovan	Wire Div.	Navy
James H. Finnerty	Maint. Div.	Army
Minnie Freedman	Maint. Div.	Navy
John C. Macdonald	Maint. Div.	U. S. C. G.
John M. McCarthy	Fire Alarm	Navy
Edward C. O'Hehir	Fire Alarm	Navy
Thomas N. Osborne	Fire Alarm	Navy
Joseph T. Teahan	Maint. Div.	U. S. C. G.

**MEMBERS OF FIRE DEPARTMENT SERVING IN THE
ARMED FORCES OF THE UNITED STATES.**

(Resigned.)

Harold F. Bishop	Ladder 2	U. S. C. G.
William E. Daley	Engine 48	Navy
John F. Geary	Engine 32	U. S. C. G.
Joseph L. Griffin	Engine 32	U. S. C. G.
William F. Linnehan	Ladder 3	U. S. C. G.
Edward J. Twomey	Ladder 8	U. S. C. G.
Edward J. Brady	Headquarters	Army

**OFFICERS AND MEMBERS OF FIRE DEPARTMENT
WHO HAVE RETURNED FROM SERVICE IN THE
ARMED FORCES OF THE UNITED STATES FROM
1941 TO 1943.**

Lieut. Richard A. Ash	Ladder 31	Army
Lieut. Thomas L. Corliss	Engine 3	U. S. C. G.
Stanley J. Caulfield	Engine 38	Army
Martin A. Lombard	Ladder 24	U. S. C. G.
John J. McCrackin	Engine 5	U. S. C. G.
Hugh J. McMackin	Ladder 8	Army
Ralph H. Reis	Ladder 17	Army

**DIED DURING SERVICE WITH ARMED FORCES
OF THE UNITED STATES.**

James J. Sullivan	Engine 16	Navy
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RETIREMENTS — ORDINARY DISABILITY.

DATE.	Name.	Rank.	Company.
February 17.....	Frederick J. Holland.....	Ladderman.....	Ladder 7.
May 21.....	Patrick J. O'Donnell.....	Hoseman.....	Engine 7.
July 7.....	Michael J. Cuddy.....	Hoseman.....	Engine 48.
August 29.....	John J. Dwyer.....	Apparatus operator.....	Engine 6.
September 29.....	Cornelius J. Toomey.....	Hoseman.....	Engine 1.
September 29.....	William E. Keenan.....	Ladderman.....	Ladder 31.

RETIREMENTS — UNITED STATES WAR VETERANS.

DATE.	Name.	Rank.	Company.
March 3.....	Joseph J. Shea.....	Hoseman.....	Rescue 1.
April 7.....	John F. Kennelly.....	Hoseman.....	Engine 36.
April 7.....	William O. Cheswell.....	Ladderman.....	Ladder 1.

RETIREMENTS — AGE LIMIT.

DATE.	Name.	Rank.	Company.
January 7.....	George F. Dailey.....	Inside wireman.....	Fire Alarm Division.
July 6.....	Edward Rigney.....	Foreman of construction.	Fire Alarm Division.
September 16.....	William J. Delaney.....	Hoseman.....	Headquarters.
November 2.....	William J. Martin.....	Principal operator.....	Fire Alarm Division.

RETIREMENTS — OWN REQUEST.

DATE.	Name.	Rank.	Company.
January 4.....	John J. Collins.....	Ladderman.....	Ladder 4.
February 23.....	Charles F. Hayes.....	Hoseman.....	Engine 21.
May 17.....	Paul J. Howard.....	Apparatus operator.....	Engine 38.
May 20.....	John J. McGlinchey.....	Hoseman.....	Engine 32.
June 10.....	Cornelius J. Sullivan.....	Ladderman.....	Ladder 1.
June 21.....	Edward F. McGlinchey.....	Captain.....	Engine 36.
July 1.....	John T. McPhee.....	Lieutenant.....	Engine 2.
August 10.....	Florence J. Driscoll.....	Ladderman.....	Ladder 9.
September 27.....	Charles J. Casey.....	Captain.....	Engine 34.
October 6.....	Clarence A. Thompson.....	Apparatus operator.....	Engine 17.
December 31.....	Joseph H. Barry.....	Apparatus operator.....	Engine 33.

RETIREMENTS — INJURIES.

DATE.	Name.	Rank.	Company.
February 1.....	Daniel F. Hines.....	Hoseman.....	Engine 18.
February 1.....	Kieran L. Mulvey.....	Ladderman.....	Ladder 17.
February 1.....	Eugene W. Carroll.....	Ladderman.....	Ladder 15.
March 1.....	Cornelius J. Buckley.....	Blacksmith.....	Maintenance Division.
March 3.....	Francis P. Maier.....	Ladderman.....	Ladder 16.
March 3.....	Thomas F. Ward.....	District Chief.....	District 12.
March 3.....	Paul L. Doherty.....	Captain.....	Ladder 26.
March 3.....	David J. Curran.....	Lieutenant.....	Ladder 16.
March 3.....	James J. Marks.....	Ladderman.....	Ladder 23.
March 3.....	Michael E. Kelliher.....	Hoseman.....	Engine 48.
March 3.....	Michael T. Murphy.....	Hoseman.....	Fire Prevention Division.
April 1.....	Gerard T. Cusick.....	Hoseman.....	Engine 4.
April 1.....	Martin J. Doran.....	Ladderman.....	Ladder 18.
April 1.....	Thomas F. Feeney.....	Blacksmith.....	Maintenance Division.
April 1.....	Dennis Sullivan.....	Hoseman.....	Engine 7.
April 7.....	Joseph H. Andreoli.....	Ladderman.....	Ladder 26.
April 7.....	Martin J. Flaherty.....	Hoseman.....	Engine 9.
April 7.....	Herbert D. Gilman.....	Ladderman.....	Ladder 12.
April 7.....	Adrian R. Grace.....	Hoseman.....	Engine 15.
April 7.....	Anthony D. Gregorio.....	Ladderman.....	Ladder 21.
April 7.....	Timothy J. Guinee.....	Apparatus operator.....	Engine 40.
April 7.....	James H. Moran.....	Hoseman.....	Maintenance Division.
April 7.....	Daniel O'Leary.....	Hoseman.....	Maintenance Division.
April 7.....	Joseph L. Phillips.....	Hoseman.....	Engine 26.
May 1.....	Thomas F. Kavanaugh.....	Hoseman.....	Engine 34.
May 1.....	Frederick L. Waggett.....	Hoseman.....	Engine 35.
June 16.....	George F. Burekhart.....	Hoseman.....	Engine 18.
June 16.....	John P. Burke.....	Hoseman.....	Maintenance Division.
July 1.....	Charles C. Kenney.....	Hoseman.....	Rescue 1.
July 1.....	Joseph L. Kenney.....	Hoseman.....	Engine 12.
July 1.....	Joseph L. Quinn.....	Hoseman.....	Engine 37.
July 7.....	John J. Dunbar.....	Ladderman.....	Ladder 22.
July 7.....	Philip A. Tague.....	District Chief.....	District 2.
July 28.....	John F. Horgan.....	Hoseman.....	Engine 32.
July 28.....	Joseph F. Wallace.....	Ladderman.....	Ladder 10.
August 1.....	Nicholas J. Greeley.....	Mechanic's assistant.....	Maintenance Division.
September 1.....	James W. Murphy.....	Hoseman.....	Engine 24.

RETIREMENTS — INJURIES — Concluded.

DATE.	Name.	Rank.	Company.
September 1.....	John T. Corkhill.....	Hoseman.....	Engine 27.
September 29.....	Charles E. Barry.....	Apparatus operator.....	Engine 16.
September 29.....	James J. Donovan.....	Aide to Commissioner.....	Headquarters.
September 29.....	John L. McLaughlin.....	Hoseman.....	Engine 26.
October 1.....	David C. Bowles.....	Hoseman.....	Engine 4.
October 1.....	John T. Galvin.....	Ladderman.....	Ladder 17.
October 6.....	Peter J. Dunn.....	Captain.....	Engine 5.
October 6.....	Joseph A. Gallagher.....	Hoseman.....	Fire Prevention Division.
October 20.....	Edward F. Doyle.....	Hoseman.....	Engine 11.
October 20.....	Thomas J. Kenneale.....	Lieutenant.....	Engine 13.
October 20.....	George F. Kilduff.....	Hoseman.....	Engine 33.
October 20.....	John J. Maughn.....	Hoseman.....	Engine 46.
October 31.....	William P. Hendricks.....	Painter.....	Maintenance Division.
November 1.....	Joseph G. Doyle.....	Hoseman.....	Engine 39.
November 17.....	James T. D. Bateman.....	Hoseman.....	Fire Prevention Division.
November 17.....	Thomas A. Dean.....	Hoseman.....	Fire Prevention Division.
November 17.....	John D. J. Downey.....	Hoseman.....	Fire Prevention Division.
November 17.....	John J. Kenney.....	Deputy Chief.....	Division 1.
November 17.....	Stanislaus F. Mikolajewski.....	Hoseman.....	Fire Prevention Division.
November 17.....	William A. Ott.....	Hoseman.....	Fire Prevention Division.
December 1.....	Frederick Bachofner.....	Hoseman.....	Engine 33.
December 1.....	Arthur S. Frazier.....	Lieutenant.....	Ladder 21.
December 1.....	Henry F. McDonald.....	Ladderman.....	Ladder 31.
December 15.....	John J. Degan.....	Ladderman.....	Ladder 1.
December 15.....	Leo Halder.....	Apparatus operator.....	Engine 37.
December 15.....	James F. Shea.....	Captain.....	Engine 7.
December 29.....	Christian F. Dahnke.....	Ladderman.....	Ladder 21.

RESIGNATIONS.

DATE.	Name.	Rank.	Company.
January 13.....	Edward J. Brady.....	Clerk-stenographer.....	Fire Prevention Division.
January 16.....	Charles A. Newell.....	Man on probation.....	Rescue 3.
January 17.....	Ellen G. Spillane.....	Clerk-stenographer(military substitute).	Maintenance Division.
February 17.....	Joseph L. Griffin.....	Hoseman.....	Engine 32.
February 18.....	John P. Geary.....	Hoseman.....	Engine 32.
February 25.....	Henry E. Sacco.....	Military substitute.....	Engine 11.
March 10.....	William J. Mullen.....	Man on probation.....	Engine 52.

RESIGNATIONS — Concluded.

DATE.	Name.	Rank.	Company.
March 11.....	Thomas J. Flynn.....	Military substitute.....	Ladder 2.
March 22.....	Francis L. Danse.....	Military substitute.....	Ladder 2.
April 10.....	Joseph R. Sullivan.....	Military substitute.....	Engine 53.
April 20.....	Richard H. Carpenter.....	Military substitute.....	Engine 42.
April 28.....	Albert F. Maraggia.....	Military substitute.....	Engine 29.
May 7.....	Frank G. Buckley.....	Military substitute.....	Engine 29.
May 15.....	Herbert F. Ryan.....	Ladderman.....	Ladder 13.
May 21.....	Charles Nassif.....	Military substitute.....	Engine 33.
May 26.....	Albert W. Burns.....	Stationary fireman.....	Maintenance Division.
June 16.....	Harold M. Magee.....	Military substitute.....	Ladder 14.
June 21.....	Harley C. Thomas.....	Hoseman.....	Engine 48.
June 30.....	Charles F. Connors.....	Provisional clerk.....	Headquarters.
July 2.....	Francis V. Falcone.....	Hoseman.....	Engine 45.
July 22.....	Charles T. Donovan.....	Linenman and cable splicer.	Fire Alarm Division.
July 24.....	Edward J. Twomey.....	Ladderman.....	Ladder 8.
July 31.....	William E. Daley.....	Hoseman.....	Engine 48.
August 2.....	Claire L. Seaboyer.....	Clerk-stenographer.....	Headquarters.
August 5.....	William F. Linnehan.....	Ladderman.....	Ladder 3.
August 11.....	John H. Grady.....	Military substitute.....	Ladder 6.
August 14.....	Charles F. Glidden.....	Ladderman.....	Ladder 4.
August 27.....	James F. McGonagle.....	Ladderman.....	Ladder 27.
September 1.....	Frances E. Connor.....	Provisional clerk and stenographer.	Headquarters.
September 2.....	Eugene Vetrino.....	Provisional military substitute.	Engine 25.
September 18.....	Sophia C. Black.....	Janitress.....	Headquarters.
September 22.....	Edward L. Boyle.....	Provisional military substitute.	Engine 37.
September 22.....	John J. McCarthy.....	Provisional military substitute.	Ladder 17.
September 28.....	Thomas J. McHugh.....	Provisional military substitute.	Engine 12.
September 29.....	Charles F. Hoar.....	Provisional military substitute.	Ladder 16.
October 13.....	Gertrude A. Keenan.....	Clerk-stenographer.....	Headquarters.
October 13.....	John F. Kiley.....	Provisional military substitute.	Engine 43.
November 3.....	George C. Berlandi.....	Provisional military substitute.	Engine 6.
November 3.....	Harold R. Clarke.....	Provisional military substitute.	Engine 10.
November 24.....	Frank L. Spring.....	Provisional military substitute.	Ladder 21.
December 3.....	Domenic A. Cogliano.....	Provisional military substitute.	Engine 40.
December 11.....	Franklin E. Lawrence.....	Military substitute.....	Ladder 16.
December 17.....	George W. Murray.....	Provisional military substitute.	Ladder 6.
December 23.....	Canice J. Fennelly, Jr.....	Military substitute.....	Engine 11.
December 24.....	Philip R. Loring.....	Provisional military substitute.	Engine 19.
December 24.....	James J. Lynch.....	Provisional military substitute.	Engine 32.

DROPPED FROM THE ROLL.

DATE.	Name.	Rank.	Company.
May 19.....	Mary L. Ashook.....	Temporary clerk-stenographer.	Fire Prevention Division.
May 19.....	Marguerite E. Lee.....	Temporary clerk-stenographer.	Headquarters.
August 27.....	Claire O. Smith.....	Provisional bookkeeper-clerk.	Headquarters.
October 11.....	Joseph F. Curnane.....	Provisional military substitute.	Engine 24.
November 24.....	Thomas F. Coffey.....	Provisional guard.....	Fire Alarm Division.

APPOINTMENTS.

DATE.	Name.	Assignment.
January 4.....	Edward L. Davis.....	Fire Alarm Division.
January 8.....	Julia R. Khoury.....	Headquarters.
January 11.....	John H. Chinetti.....	Fire Alarm Division.
January 13.....	Mary E. Gormley.....	Maintenance Division.
January 13.....	Edward L. Sullivan.....	Engine 32.
January 13.....	Joseph F. Doherty.....	Engine 49.
January 13.....	John F. Good.....	Engine 13.
January 13.....	Joseph C. Doherty.....	Engine 27.
January 13.....	James J. Conway.....	Engine 11.
January 13.....	Michael J. Giunta.....	Ladder 12.
January 13.....	Anthony W. Kane.....	Engine 2.
January 13.....	John J. McCarthy.....	Engine 53.
January 13.....	Warren E. Barnard.....	Ladder 21.
January 13.....	Joseph P. Spolidoro.....	Engine 18.
January 13.....	William V. McNamara.....	Engine 49.
January 13.....	William G. Murray.....	Engine 24.
January 13.....	Francis J. Hurley.....	Engine 14.
January 13.....	William E. Powers.....	Ladder 31.
January 13.....	Walter H. Dowgiallo.....	Ladder 30.
January 13.....	John J. O'Mara.....	Ladder 19.
January 13.....	Walter J. Stewart.....	Engine 53.
January 13.....	John F. O'Keefe.....	Engine 40.
January 20.....	Joseph W. Ceurvels.....	Engine 34.
February 1.....	Charles F. Connors.....	Headquarters.
February 1.....	Helen C. Wall.....	Wire Division.
February 10.....	Frank G. Buckley.....	Engine 29.
February 10.....	Edward J. Hurley.....	Rescue 3.
February 10.....	Robert E. J. Regan.....	Engine 43.

APPOINTMENTS — Continued.

DATE.	Name.	Assignment.
February 10.....	Richard H. Carpenter.....	Engine 42.
February 10.....	Thomas D. Hogan.....	Ladder 31.
February 10.....	George J. Devlin.....	Ladder 30.
February 10.....	William J. Beardon.....	Engine 26.
February 10.....	Ralph LaCambria.....	Ladder 22.
February 10.....	William C. Fennelly.....	Ladder 18.
February 10.....	Raymon S. Jewell.....	Engine 2.
February 10.....	Arthur I. Downing.....	Ladder 29.
February 10.....	Paul W. Keefe.....	Engine 13.
February 10.....	Edward M. Epstein.....	Engine 18.
February 10.....	Biagzi Germano.....	Engine 42.
February 10.....	Harold M. Magee.....	Ladder 14.
February 10.....	Francis P. McCabe.....	Engine 9.
February 10.....	Albert J. Adomaitis.....	Ladder 3.
February 17.....	Richard J. Lane.....	Ladder 17.
February 17.....	William J. Sliney.....	Ladder 16.
February 17.....	Joseph J. Otto.....	Engine 45.
February 17.....	Frank F. Bucelwicz.....	Engine 41.
February 17.....	Patrick G. Howell.....	Engine 27.
February 17.....	Hollis J. Leary.....	Ladder 9.
February 17.....	Charles L. O'Reilly.....	Ladder 18.
February 17.....	Fred L. Finn.....	Engine 50.
February 17.....	John J. McCabe.....	Engine 32.
February 17.....	Henry E. Sacco.....	Engine 11.
February 17.....	Albert F. Brown.....	Engine 39.
February 17.....	Frederick D. McLean.....	Ladder 12.
February 17.....	Joseph R. Sullivan.....	Engine 53.
February 17.....	Harold T. Matulaitis.....	Ladder 1.
February 17.....	Anton V. Lehmann.....	Ladder 2.
March 31.....	William F. O'Brien.....	Maintenance Division.
March 31.....	Dewey H. Crawford.....	Wire Division.
April 2.....	Mary F. McElaney.....	Fire Prevention Division.
April 2.....	Mary D. O'Hare.....	Fire Prevention Division.
April 14.....	John J. Cunnally.....	Ladder 21.
April 14.....	Vincent A. Bolger, Jr.....	Ladder 29.
April 14.....	Alfred E. Maher.....	Engine 52.
April 14.....	William A. Ciarlone.....	Ladder 21.
April 28.....	Walter I. Garrity.....	Engine 38.

APPOINTMENTS — Continued.

DATE.	Name.	Assignment.
April 28.....	Joseph L. Tehan.....	Ladder 5.
May 3.....	George F. Dietel.....	Maintenance Division.
May 19.....	Clara M. Currie.....	Fire Prevention Division.
May 19.....	Edith J. Finkle.....	Fire Prevention Division.
May 19.....	Dora Fishman.....	Maintenance Division.
May 26.....	Neil C. Penny.....	Engine 32.
May 26.....	James M. Grana.....	Engine 40.
May 26.....	Richard J. Dunn.....	Engine 33.
May 26.....	Felix Mirabito.....	Engine 23.
May 26.....	Daniel Ciampa.....	Ladder 31.
May 26.....	James G. Callahan.....	Engine 15.
May 26.....	Robert B. Clarke.....	Engine 7.
May 26.....	Edward J. Higgins.....	Engine 46.
May 26.....	William W. Austin.....	Ladder 26.
May 26.....	Charles J. Jones, Jr.....	Engine 53.
May 26.....	Roy H. Phelan.....	Engine 42.
May 26.....	Charles R. Dowd.....	Engine 22.
May 26.....	John F. Booth.....	Engine 40.
May 26.....	Michael Liotta.....	Engine 11.
May 26.....	Marcy H. Corwin.....	Engine 10.
June 16.....	John H. Grady.....	Ladder 6.
June 16.....	Edward J. Fogarty.....	Ladder 25.
June 23.....	Rev. Henry J. O'Connell...	Chaplain.
June 30.....	Charles F. Connors.....	Fire Alarm Division.
June 30.....	Marguerite E. Lee.....	Headquarters.
June 30.....	Frances E. Connor.....	Headquarters.
August 11.....	Hugh T. Tierney.....	Maintenance Division.
September 1.....	Walter F. Schmidt.....	Engine 48.
September 1.....	John J. McCarthy.....	Ladder 17.
September 1.....	Francis X. McCormick.....	Ladder 4.
September 1.....	George H. King.....	Engine 41.
September 1.....	John J. Cunningham.....	Ladder 3.
September 1.....	Peter J. DiRocco.....	Engine 29.
September 1.....	Frank A. Sikora.....	Ladder 14.
September 1.....	Olaf T. Svensen.....	Engine 2.
September 1.....	John T. Donlan.....	Engine 2.
September 1.....	Simon I. Eskot.....	Engine 18.
September 1.....	Martin J. Carney.....	Engine 46.

APPOINTMENTS — Continued.

DATE.	Name.	Assignment.
September 1.....	John P. Hearn.....	Ladder 10.
September 1.....	Edward L. Boyle.....	Engine 37.
September 1.....	Henry Sacco.....	Ladder 21.
September 1.....	Alvin V. Fortune, Sr.....	Engine 13.
September 1.....	George J. Mullen.....	Engine 24.
September 1.....	Franklin E. Lawrence.....	Ladder 16.
September 1.....	Francis X. White.....	Engine 18.
September 1.....	Louis A. Pepper.....	Engine 28.
September 1.....	Charles N. Vogel.....	Engine 15.
September 1.....	John J. O'Brien.....	Ladder 10.
September 1.....	William G. Carpenter.....	Ladder 15.
September 1.....	William J. Griffiths.....	Ladder 21.
September 1.....	Edward W. Behnke.....	Engine 42.
September 1.....	Francis R. Montello.....	Engine 37.
September 1.....	Joseph W. Mallinson.....	Engine 38.
September 1.....	Martin E. Pierce.....	Ladder 17.
September 1.....	Richard P. Duffley, Jr.....	Engine 16.
September 1.....	George J. Maloney.....	Engine 22.
September 1.....	Thomas P. Burke.....	Engine 35.
September 1.....	Alfred R. Mogan.....	Engine 33.
September 1.....	Timothy J. O'Reilly.....	Engine 3.
September 1.....	Charles F. Hoar.....	Ladder 16.
September 1.....	George W. Murray.....	Ladder 6.
September 1.....	Raymond G. Chisholm.....	Engine 33.
September 1.....	Lawrence D. MacDougall..	Engine 45.
September 1.....	Charles F. Dewan.....	Engine 13.
September 1.....	John F. Kiley.....	Engine 43.
September 1.....	Thomas J. McHugh.....	Engine 12.
September 1.....	Bernard C. Macdonald.....	Engine 3.
September 1.....	Thomas F. Somma.....	Engine 49.
September 1.....	Joseph G. O'Neil.....	Engine 41.
September 1.....	Thomas M. Horan.....	Engine 12.
September 1.....	Charles S. Bailey.....	Ladder 29.
September 1.....	Joseph T. Sheehan.....	Ladder 7.
September 1.....	Alphonse Audette.....	Engine 1.
September 1.....	Edwin H. Foley.....	Engine 50.
September 1.....	Ralph L. Mullen.....	Engine 3.
September 1.....	Richard W. Kennedy.....	Ladder 19.

APPOINTMENTS—Continued.

DATE.	Name.	Assignment.
September 1.....	Eugene Vetrino.....	Engine 25.
September 1.....	John G. Moriarty.....	Engine 28.
September 1.....	Dominic A. Cogliano.....	Engine 40.
September 1.....	John J. Bogue.....	Ladder 29.
September 1.....	Joseph F. Curnane.....	Engine 24.
September 1.....	Thomas J. Brennan.....	Ladder 10.
September 1.....	James E. Lewis.....	Engine 20.
September 1.....	David F. Sheehan, Jr.....	Engine 52.
September 1.....	Andrew J. Brady.....	Engine 45.
September 1.....	Harold R. Clarke.....	Engine 10.
September 1.....	Joseph T. Heim.....	Ladder 29.
September 1.....	John P. Hennessey.....	Engine 21.
September 15.....	Mary Prior.....	Headquarters.
September 15.....	Sophia Black.....	Headquarters.
September 15.....	Johanna L. O'Connor.....	Headquarters.
September 15.....	Catherine E. Morrison.....	Headquarters.
September 22.....	Joseph F. Daley.....	Engine 10.
September 29.....	Charles F. Connors.....	Headquarters.
October 4.....	John J. Reardon.....	Engine 22.
October 19.....	Thomas F. Coffey.....	Fire Alarm Division.
October 19.....	David M. Beverley.....	Fire Alarm Division.
October 26.....	Claire O. Smith.....	Headquarters.
October 27.....	Ester C. Hanrahan.....	Headquarters.
October 27.....	Cornelius J. Sullivan.....	Maintenance Division.
November 3.....	Alice E. Ryan.....	Headquarters.
November 3.....	George C. Berlandi.....	Engine 6.
November 3.....	Ralph E. Berry.....	Engine 6.
November 3.....	Raymond D. Doucette.....	Engine 32.
November 3.....	Earl B. Douglass.....	Ladder 26.
November 3.....	Frank W. Goyette.....	Engine 12.
November 3.....	Richard O. Goyette.....	Engine 17.
November 3.....	George J. Green.....	Ladder 16.
November 3.....	James G. Griffin.....	Engine 39.
November 3.....	James H. Mahoney.....	Ladder 22.
November 3.....	Daniel P. McLaughlin.....	Ladder 6.
November 3.....	John P. McLaughlin.....	Ladder 9.
November 3.....	Harold A. Mitchell.....	Engine 33.
November 3.....	Joseph M. Murray.....	Engine 27.

APPOINTMENTS—Continued.

DATE.	Name.	Assignment.
November 3.....	Lawrence H. Sheehan.....	Ladder 13.
November 3.....	Frank L. Spring.....	Ladder 21.
November 3.....	Frank E. Utley.....	Engine 23.
November 3.....	John C. Williams.....	Engine 12.
November 3.....	Joseph G. Babb.....	Ladder 19.
November 3.....	Richard G. Cotton.....	Engine 42.
November 3.....	Paul H. Devine.....	Engine 22.
November 3.....	Pasquale DiRocco.....	Engine 29.
November 9.....	Michael Cusick.....	Fire Alarm Division.
November 9.....	Thomas J. Lyons.....	Fire Alarm Division.
November 10.....	John W. Bean.....	Engine 46.
November 10.....	Clarence X. Frost.....	Engine 22.
November 10.....	William J. Grady.....	Engine 15.
November 10.....	Arthur E. Grimm.....	Engine 46.
November 10.....	William E. Marotta.....	Engine 11.
November 10.....	Harold W. Magee.....	Engine 41.
November 10.....	Henry E. Sacco.....	Engine 11.
November 10.....	Joseph R. Sullivan.....	Ladder 6.
November 10.....	Virginia M. Shelsey.....	Headquarters.
November 10.....	John L. McFadden.....	Fire Alarm Division.
November 10.....	Frank A. Miser.....	Fire Alarm Division.
November 17.....	Charles A. Buchanan.....	Rescue 2.
November 17.....	Andrew P. Cardillo.....	Ladder 27.
November 17.....	James J. Lynch.....	Engine 32.
November 17.....	Henry J. McLaughlin.....	Ladder 31.
November 17.....	John J. Madden.....	Engine 10.
November 17.....	Lionel K. Berig.....	Engine 52.
November 17.....	Alvin J. Thibault.....	Engine 36.
November 17.....	John J. Foley.....	Engine 36.
November 17.....	Edward F. Mutrie.....	Engine 17.
November 17.....	Richard T. Nagle.....	Engine 52.
November 17.....	William F. Ryan.....	Engine 34.
November 17.....	Joseph Bonelli.....	Engine 40.
November 24.....	Eleanor J. Cunniff.....	Headquarters.
November 24.....	James J. Horgan.....	Ladder 30.
November 24.....	Frank L. Loring.....	Engine 53.
December 1.....	Joseph F. Cavanagh.....	Ladder 8.
December 1.....	Philip R. Loring, Jr.....	Engine 19.

APPOINTMENTS—Concluded.

DATE.	Name.	Assignment.
December 1.....	Matthew R. Souza.....	Engine 38.
December 15.....	George T. Dowd.....	Engine 42.
December 15.....	William C. Millerick.....	Engine 32.
December 17.....	Canice J. Fennelly, Jr.....	Engine 11.
December 29.....	Thomas E. Curran.....	Engine 14.
December 29.....	Charles F. Hoar.....	Engine 53.
December 29.....	John S. Allen.....	Ladder 18.
December 29.....	Stanley F. Ivas.....	Fire Alarm Division.
December 31.....	William L. Reardon.....	Engine 32.

REINSTATEMENTS.

DATE.	Name.	Rank.	Company.
February 10.....	James J. McGoldrick.....	Hoseman.....	Engine 36.
March 3.....	Frederick S. Currier.....	Hoseman.....	Engine 5.
April 28.....	Edward F. Berigan.....	Ladderman.....	Ladder 30.
April 28.....	John F. Gilbrook.....	Hoseman.....	Engine 40.
October 27.....	Herbert F. Ryan.....	Ladderman.....	Ladder 13.
October 27.....	James M. Collins.....	Hoseman.....	Engine 34.
November 17.....	Charles F. Glidden.....	Ladderman.....	Ladder 4.
December 29.....	James F. McGonagle.....	Ladderman.....	Ladder 27.

STATISTICS.

COMPARATIVE FIGURES — MAN POWER.
(Actually on Rolls.)

YEAR.	Total Fire Fighting Force.*	Total Number of Privates.†	Total Number of Apparatus Operators.	Total Number of Lieutenants.	Total Number of Captains.	Total Number of District Chiefs.
1939.....	1,328	982	92	116	77	125
1940.....	1,316	977	83	119	78	25
1941.....	1,347	996	79	127	79	28
1942.....	1,343	1,007	76	120	81	28
1943.....	1,265	936	65	114	77	28

* Includes Chief of Department, Deputy Chiefs, Aides to Commissioner and Chief of Department, Drillmaster, Masters and Engineers on fireboats.
† As of December 31.
‡ Number of districts reduced from 15 to 14.

USE OF APPARATUS.
Summary — Service Reports, 1943, Engine Companies.

UNIT.	Alarms Attended.	Working Fires.	Hose Used, Feet.	Hours Work.	Pump Hours.
Engine 1.....	581	157	39,350	78.40	16.12
Engine 2.....	403	156	48,850	77.57	21.29
Engine 3.....	749	282	67,100	143.08	62.28
Engine 4.....	690	162	33,900	101.00	10.00
Engine 5.....	501	177	44,700	95.38	14.22
Engine 6.....	543	110	21,700	57.02	32.50
Engine 7.....	433	168	20,850	70.43	2.20
Engine 8.....	383	201	26,000	119.30	30.35
Engine 9.....	498	160	52,050	90.50	13.30
Engine 10.....	573	108	23,150	204.20	50.11
Engine 11.....	280	164	39,600	78.55	38.50
Engine 12.....	831	235	64,100	124.29	29.50
Engine 13.....	976	492	119,700	205.21	72.12
Engine 14.....	1,052	312	52,800	151.56	8.20
Engine 15.....	679	205	47,850	131.28	24.18
Engine 16.....	440	184	40,200	67.47	29.02
Engine 17.....	893	294	63,750	123.33	24.02
Engine 18.....	649	294	52,770	106.32	48.22
Engine 19.....	555	266	68,300	186.25	53.34

Summary — Service Reports, 1943, Engine Companies.—
Concluded.

UNIT.	Alarms Attended.	Working Fires.	Hose Used, Feet.	Hours Work.	Pump Hours.
Engine 20.....	488	278	65,900	105.00	30.30
Engine 21.....	891	396	102,700	143.11	43.45
Engine 22.....	1,075	391	183,200	326.00	104.00
Engine 23.....	1,073	312	78,050	298.53	67.04
Engine 24.....	921	353	107,700	166.09	20.19
Engine 25.....	442	156	12,850	75.24	7.30
Engine 26.....	898	162	42,100	89.10	20.00
Engine 27.....	386	155	18,200	80.06	18.10
Engine 28.....	565	234	41,200	70.40	7.03
Engine 29.....	659	326	50,300	115.13	48.18
Engine 30.....	405	255	65,800	122.34	19.59
Engine 31 (Boat).....	251	17	4,150	26.53	10.35
Engine 32.....	285	222	38,850	128.54	52.22
Engine 33.....	613	306	86,300	137.40	24.30
Engine 34.....	519	205	46,350	129.00	47.00
Engine 35.....	614	167	31,950	102.43	26.40
Engine 36.....	319	175	32,400	90.00	11.26
Engine 37.....	723	321	71,350	151.47	35.47
Engine 38.....	286	76	17,950	86.54	17.36
Engine 39.....	339	107	34,550	437.20	22.32
Engine 40.....	301	148	27,900	94.11	26.41
Engine 41.....	619	331	54,250	152.08	56.27
Engine 42.....	795	301	47,600	128.39	37.15
Engine 43.....	796	235	59,250	121.31	34.57
Engine 44 (Boat).....	241	11	1,350	12.59	7.20
Engine 45.....	567	262	47,800	86.39	26.09
Engine 46.....	660	215	44,700	83.20	25.20
Engine 47 (Boat)*.....	—	—	—	—	—
Engine 48.....	428	285	74,000	128.46	50.41
Engine 49.....	255	138	26,750	70.48	16.17
Engine 50.....	603	146	33,450	100.35	33.12
Engine 51.....	351	173	31,050	88.26	10.19
Engine 52.....	511	247	49,600	83.15	16.00
Engine 53.....	475	167	34,400	91.45	17.02

* Out of service during entire year.

USE OF APPARATUS.

Summary — Service Reports, 1943, Ladder Companies.

UNIT.	Alarms Attended.	Working Fires.	Ladders Used, Feet.	Hours Work.
Ladder 1.....	592	190	6,553	105.00
Ladder 2.....	406	256	2,964	104.39
Ladder 3.....	759	353	8,041	173.37
Ladder 4.....	972	398	6,701	179.01
Ladder 5.....	633	207	2,027	93.22
Ladder 6.....	521	252	669*	85.55
Ladder 7.....	1,059	353	4,463	156.00
Ladder 8.....	610	190	5,840	150.30
Ladder 9.....	455	226	3,596	106.55
Ladder 10.....	637	263	2,476*	89.11
Ladder 11.....	718	306	4,261	137.29
Ladder 12.....	924	411	9,102	198.05
Ladder 13.....	987	398	12,479	191.38
Ladder 14.....	736	396	4,526	165.25
Ladder 15.....	545	405	8,113	151.16
Ladder 16.....	625	308	715*	112.29
Ladder 17.....	441	294	8,457	134.28
Ladder 18.....	257	148	3,039	128.42
Ladder 19.....	308	172	1,967	65.40
Ladder 20.....	761	312	2,675	129.56
Ladder 21.....	240	154	1,196	67.26
Ladder 22.....	409	215	1,415	104.20
Ladder 23.....	1,023	405	6,244*	192.40
Ladder 24.....	512	199	6,585	108.53
Ladder 25.....	402	207	661*	126.40
Ladder 26.....	644	326	6,205	128.03
Ladder 27.....	666	338	1,668*	125.43
Ladder 28.....	426	223	700*	85.00
Ladder 29.....	570	313	2,672*	100.52
Ladder 30.....	798	342	5,875	130.45
Ladder 31.....	496	203	1,482	103.16

* Also used hose.

USE OF APPARATUS.

Summary — Service Reports, 1943, Rescue and Water Tower Companies.

UNIT.	Alarms Attended.	Working Fires.	Hours Work.
Rescue 1.....	1,270	357*	148.02
Rescue 2.....	1,609	297*	160.00
Rescue 3.....	891	116*	50.00
Tower 1.....	500	2	21.20
Tower 2.....	455	89	71.14

* Also performed service in various emergencies, accidents, inhalator cases, etc.

COMPARATIVE FIRE DEPARTMENT
EXPENDITURES.

	1942.	1943.
A. PERSONAL SERVICE:		
Permanent employees	\$3,156,104 18	\$3,288,838 78
Overtime	4,019 86	3,867 74
	\$3,160,124 04	\$3,292,706 52
B. CONTRACTUAL SERVICES:		
Printing and binding	\$1,313 65	\$606 20
Advertising and posting	126 90	49 50
Transportation of persons	192 72	451 95
Cartage of freight	41 26	79 43
Hire of teams and auto trucks	—	50 00
Light, heat and power	28,902 67	32,437 90
Rent, taxes and water	5,221 67	5,225 44
Bond and insurance premiums	1,144 38	10 00
Communication	15,861 93	15,776 88
Motor vehicles repair and care	7,676 15	7,274 88
Care of animals	9 00	—
Cleaning	2,485 53	3,108 41
Medical	1,000 00	1,000 00
Expert	101 50	100 00
Stenographic, copying, listing, etc.	1,980 00	751 12
Fees, service of venires, etc.	659 27	470 40
Photographic and blueprinting	746 36	434 98
General repairs	33,021 76	51,005 79
Miscellaneous	50 00	10 00
	\$100,534 75	\$118,842 88
C. EQUIPMENT:		
Electrical	\$7,536 48	\$3,085 22
Motor vehicles	4,121 43	32,331 31
Machinery	238 94	—
Motorless vehicles	—	103 20
Furniture and fittings	3,162 41	3,218 08
Office	648 19	373 95
Library	80 00	130 60
Carried forward	\$15,787 45	\$39,242 36

<i>Brought forward</i>	\$15,787 45	\$39,242 36
C. EQUIPMENT.— <i>Concluded.</i>		
Marine	24 60	28 50
Tools and instruments	18,194 33	8,969 32
Tires, tubes and accessories	6,735 68	3,496 09
Wearing apparel	19,343 28	38,226 35
Medical, surgical, laboratory	—	22 50
Miscellaneous	2,327 89	2,624 58
	\$62,413 23	\$92,609 70
D. SUPPLIES:		
Office	\$11,474 57	\$11,302 97
Food and ice	93 00	63 00
Fuel	64,480 97	62,783 28
Forage and animal	294 57	147 85
Medical, surgical, laboratory	395 03	—
Laundry, cleaning, toilet	1,860 31	1,355 74
Gasoline, oil and grease	18,337 45	19,412 20
Chemicals and disinfectants	3,269 41	2,607 42
Miscellaneous	6,256 56	5,371 90
	\$110,470 87	\$103,044 36
E. MATERIALS:		
Building	\$7,893 84	\$12,231 42
Machinery	53 99	110 27
Electrical	8,532 33	11,953 80
Miscellaneous	35,338 25	34,944 46
	\$51,818 41	\$59,239 95
F. SPECIAL ITEMS:		
Pensions and annuities	\$501,949 54	\$555,927 75
Workmen's compensation	967 15	578 10
	\$502,916 69	\$556,505 85
Work Relief Program	\$53,480 09	—
Civilian Defense Activities	\$20,234 49	\$2,299 00
Unliquidated Reserve	\$4,299 41	\$35,729 21
Grand totals	\$4,066,291 98	\$4,260,977 47

FIRE DEPARTMENT REVENUE, 1943.

Permits for storage of inflammable fluids, certificates of registration, etc.	\$56,672 50
Sale of badges	4 60
Sale of old condemned hose	103 57
Sale of junk	313 26
Damage to apparatus and motor vehicles	920 41
Damage to fire alarm boxes	1,839 39
Miscellaneous	1,095 91
Total	\$60,949 64

FIRE ALARM DIVISION.

**TOTAL NUMBER OF ALARMS TRANSMITTED.
To Which Apparatus Responded.**

	1941.	1942.	1943.
First alarms — Boston.....	6,306	5,190	7,781
First alarms — Mutual Aid.....	1	2	—
Still alarms (net total).....	6,124	5,431	4,765
Boston Automatic alarms *.....	—	—	—
A. D. T. alarms *.....	6	2	2
G. A. C. alarms *.....	1	2	—
Totals.....	12,438	10,627	12,548
Alarms received from citizens by telephone.....	3,959	3,439	4,242
Per cent of total alarms.....	31.9	32.3	33.8
Total false alarms.....	1,436	1,049	1,471
Per cent of total alarms.....	11.5	9.8	11.7
Total box alarms transmitted since April 28, 1852, through December 31, 1943.....			180,187

* Not followed by City box.

ANALYSIS OF STILL ALARMS RECEIVED AND TRANSMITTED.

	1941.	1942.	1943.
Received from citizens by telephone.....	3,959	3,439	4,242
Received from Police Department.....	781	787	750
Received from Fire Department.....	1,489	1,164	1,399
Boxes received, treated as stills.....	9	12	11
Mutual Aid alarms, treated as stills.....	47	54	59
Emergency calls treated as stills.....	408	609	633
Received from Boston Automatic*.....	120	181	174
Received from A. D. T.*.....	123	168	152
Received from G. A. C.*.....	38	68	59
Gross total.....	6,974	6,482	7,479
Deprec.			
Still alarms received for which box alarms were pulled after, and box alarms transmitted.....	274	252	158
Still alarms received for which City box alarms were trans- mitted.....	569	795	2,554
Private company box only transmitted, no City box trans- mitted.....	7	4	2
Net total still alarms.....	6,124	5,431	4,765

* Does not include alarms received after still alarm or after City box alarms, in which case no action was taken.

NOTE.—Net total still alarms indicate number of alarms for which apparatus was dispatched by telephone, and no City or private company box was transmitted on tappers.

**SUMMARY OF ALARMS DURING 1943 FROM BOSTON AUTO-
MATIC FIRE ALARM COMPANY, AMERICAN DISTRICT
TELEGRAPH COMPANY, GENERAL ALARM COMPANY.**

	Boston Automatic Fire Alarm Company.	American District Telegraph Company.	General Alarm Company.
Alarms transmitted by Company to Fire Alarm Headquarters.....	174	152	59
City box alarm transmitted <i>after</i> Company alarm had been transmitted.....	173	* 148	59
Company box alarm transmitted, no City box alarm transmitted.....	—	2	—
Company alarm treated as still, no box transmitted.....	1	2	—
Company alarm received <i>after</i> still alarm or City box alarm, and therefore not transmitted.....	3	8	4

* Includes one alarm. Telephone call from A. D. T. No company box transmitted. City box was transmitted.

ANALYSIS OF FALSE ALARMS.

	1941.	1942.	1943.
Box alarms received and transmitted.....	1,395	1,014	1,420
Telephone alarms received for which box alarms were transmitted.....	2	7	28
Boston Automatic alarms received for which box alarms were transmitted.....	2	—	2
A. D. T. alarms received for which box alarms were transmitted.....	—	1	—
G. A. C. alarms received for which box alarms were transmitted.....	—	1	4
Total false alarms for which box alarms were trans- mitted.....	1,399	1,023	1,454
Box alarms received, treated as still alarms (no box transmitted).....	4	—	5
Telephone alarms received, treated as still alarms (no box transmitted).....	33	26	12
Total false alarms to which apparatus responded.....	1,436	1,049	1,471
Adjacent box alarms received for which no action was taken.....	6	4	8

ANALYSIS OF ALARMS BY MONTHS.

1943. Months.	Totals.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Alarms.												
Box.....	433	628	782	909	833	882	551	488	532	638	621	1,071
Telephone.....	285	139	459	673	206	250	321	247	271	368	256	612
Other calls.....	35	30	60	67	24	39	50	53	55	58	56	103
Totals.....	753	797	1,310	1,649	763	871	922	788	858	1,064	933	1,786
Alarms Received From												
Members.....	4	3	16	9	—	1	4	4	3	4	2	7
Police.....	8	6	11	17	2	11	11	19	16	10	10	12
Watchman.....	16	10	15	14	5	17	13	16	14	18	7	10
Outside.....	618	613	1,117	1,449	640	681	765	602	659	839	748	1,582
Automatic.....	33	66	28	24	11	23	25	20	19	18	40	44
Unknown.....	74	99	123	136	105	138	104	127	147	175	126	131
Totals.....	753	797	1,310	1,649	763	871	922	788	858	1,064	933	1,786

12,494

False.....	73	99	123	135	105	138	102	127	147	175	126	131	1,481
Accidental.....	36	63	23	26	18	23	21	20	20	18	38	45	351
Rescue.....	60	54	66	47	55	56	67	48	46	81	60	68	708
Needless bell.....	27	88	62	41	45	39	34	35	33	52	48	102	606
Needless still.....	56	17	25	23	17	22	21	21	19	31	20	36	308
Automobile fires.....	42	54	59	58	65	65	70	65	66	74	78	151	847
Rubbish, vacant lot.....	9	8	47	114	32	54	40	44	48	28	21	67	512
Rubbish, near building.....	9	12	46	71	26	41	37	26	30	27	21	48	394
Dump.....	2	3	18	13	4	7	8	10	10	9	6	6	96
Brush or grass.....	7	15	408	571	54	55	138	78	108	155	118	395	2,102
Other outdoor.....	33	20	60	99	48	79	93	66	66	111	61	121	857
Marine.....	2	5	6	6	6	5	2	6	1	5	3	5	52
Out of city calls.....	11	3	11	7	3	3	5	3	4	4	5	15	74
Confined to room.....	328	297	278	339	234	227	231	208	210	248	275	472	3,347
Confined to building.....	54	53	69	89	47	56	48	39	43	45	51	113	698
Extended to others.....	4	6	9	10	4	1	5	1	7	1	2	11	61

**SUMMARY OF MULTIPLE ALARM FIRES
ACCORDING TO MONTHS FOR THE YEAR 1943.**

	Two Alarms.	Three Alarms.	Four Alarms.	Five Alarms.	Total.
January.....	2	—	—	1	3
February.....	12	2	1	—	15
March.....	3	—	2	—	5
April.....	10	1	—	—	11
May.....	4	2	—	—	6
June.....	4	1	—	—	5
July.....	1	—	—	—	1
August.....	4	—	—	—	4
September.....	3	—	2	1	6
October.....	1	—	—	—	1
November.....	2	—	1	—	3
December.....	7	2	—	—	9
Totals.....	53	8	6	2	69

**SUMMARY OF ALARMS ACCORDING TO DAY OF
WEEK — 1943.**

	Boxes.	Stills.*	Total.	Number of Days in Year.	Average Per Day.
Monday.....	1,193	731	1,924	52	37
Tuesday.....	1,117	666	1,783	52	34.3
Wednesday.....	1,027	610	1,637	52	31.5
Thursday.....	1,038	694	1,732	52	33.3
Friday.....	1,092	696	1,788	53	33.7
Saturday.....	1,212	700	1,912	52	36.8
Sunday.....	1,102	670	1,772	52	34.1
Totals.....	7,781	4,767	12,548	365	34.4

* Alarms received from Boston Automatic, A. D. T., or G. A. C., where private company box only was transmitted without City box, have been included under still alarms.

SUMMARY OF ALARMS ACCORDING TO TIME OF DAY — 1943.

	Boxes.	Stills.	Totals.
12 Mid.—1.00 A. M.....	284	89	373
1.00 — 2.00 A. M.....	277	62	339
2.00 — 3.00 A. M.....	177	41	218
3.00 — 4.00 A. M.....	124	34	158
4.00 — 5.00 A. M.....	89	30	119
5.00 — 6.00 A. M.....	98	23	121
6.00 — 7.00 A. M.....	113	51	164
7.00 — 8.00 A. M.....	154	67	221
8.00 — 9.00 A. M.....	167	91	258
9.00 — 10.00 A. M.....	226	151	377
10.00 — 11.00 A. M.....	274	210	484
11.00 — 12.00 Noon.....	333	265	598
12.00 Noon — 1.00 P. M.....	346	307	653
1.00 — 2.00 P. M.....	400	369	769
2.00 — 3.00 P. M.....	395	383	778
3.00 — 4.00 P. M.....	448	371	819
4.00 — 5.00 P. M.....	543	435	978
5.00 — 6.00 P. M.....	578	432	1,010
6.00 — 7.00 P. M.....	515	326	841
7.00 — 8.00 P. M.....	518	294	812
8.00 — 9.00 P. M.....	532	250	782
9.00 — 10.00 P. M.....	467	238	705
10.00 — 11.00 P. M.....	399	150	549
11.00 — 12.00 Mid.....	324	98	422
Totals.....	7,781	4,767	12,548

**SUMMARY OF ALARMS ACCORDING TO FIRE
DISTRICTS — 1943.**

DISTRICT.	Boxes.	Stills.	Totals.
1. East Boston.....	446	284	730
2. Charlestown.....	385	169	554
4. North and West Ends.....	557	195	752
5. Business District.....	356	162	518
6. South Boston.....	680	338	1,018
7. South End and Back Bay.....	850	303	1,153
8. Roxbury West.....	799	338	1,137
9. Roxbury East.....	921	390	1,311
10. Dorchester North.....	688	373	1,061
11. Brighton.....	583	460	1,043
12. Jamaica Plain.....	330	297	627
13. West Roxbury.....	365	400	765
14. Dorchester South.....	518	575	1,093
15. Hyde Park.....	303	424	727
Total in City.....	7,781	4,708	12,489
Mutual Aid, Adjacent Cities and Towns.....	—	59	59
Totals.....	7,781	4,767	12,548

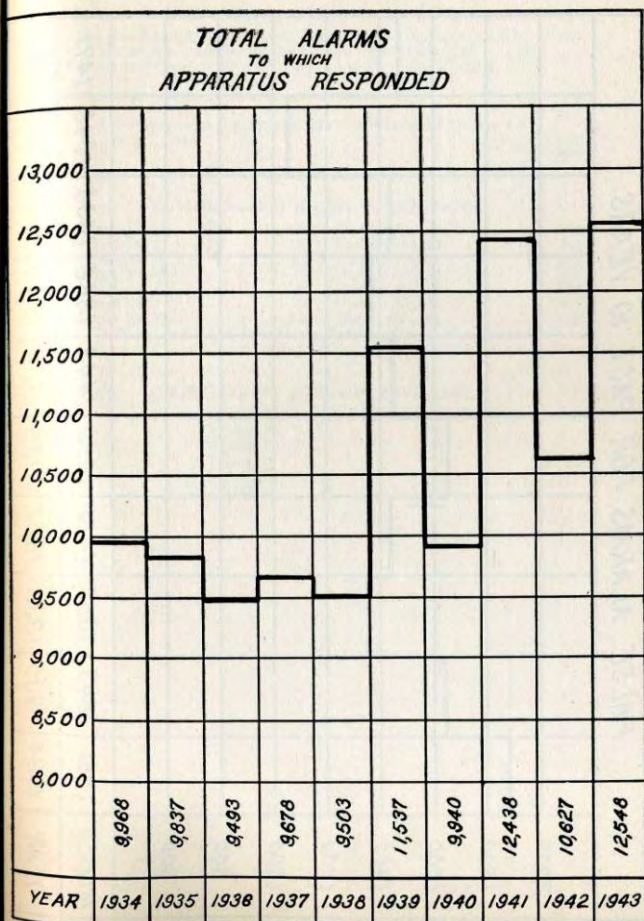
MUTUAL AID RESPONSE.

	1941.	1942.	1943.
Brookline.....	10	14	13
Cambridge.....	—	1	1
Chelsea.....	1*	3	10
Everett.....	1	—	2
Fall River.....	1	—	—
Lynn.....	—	1	—
Malden.....	—	1	—
Milton.....	10	8	9
Newton.....	4	4	2
Quincy.....	5	1	3
Somerville.....	16	21	19
Totals.....	48	54	59

* Three-alarm fire, Box 13-51, on December 31, 1941.

SUMMARY OF EMERGENCY SERVICES, ACCIDENTAL AND NEEDLESS ALARMS, JANUARY 1 — DECEMBER 31, 1943.

Total Alarms — Emergency Service	708
Accidental Alarms	351
Needless Alarms	914



FALSE ALARMS FOR PAST 10 YEARS									
2,000	1,800	1,600	1,400	1,200	1,000	800	600	NUMBER	YEAR
								1,881	1934
								1,643	1935
								1,357	1936
								1,441	1937
								1,659	1938
								1,443	1939
								1,368	1940
								1,436	1941
								1,049	1942
								1,471	1943

SUMMARY OF FIRE ALARM BOXES.

Total number of fire alarm boxes in service as of January 1, 1943	1,778
Fire alarm boxes installed January 1 to December 31, 1943	19
Fire alarm boxes discontinued January 1 to December 31, 1943,	—
Net gain in number of boxes	19
Total number of fire alarm boxes in service as of December 31, 1943	<u>1,797</u>

FIRE ALARM BOXES IN DISTRICTS.

District No. 1	103	District No. 9	115
District No. 2	104	District No. 10	142
District No. 4	105	District No. 11	162
District No. 5	74	District No. 12	107
District No. 6	181	District No. 13	178
District No. 7	105	District No. 14	151
District No. 8	141	District No. 15	128
In Chelsea Fire Alarm Headquarters — 1 box.			

FIRE ALARM BOXES IN DIVISIONS.

Division No. 1	386
Division No. 2	589
Division No. 3	821
Chelsea	1
Total	<u>1,797</u>

FIRE ALARM BOXES ESTABLISHED IN 1943.
(Total — 19 Boxes.)

DATE.	Box.	Location.
Jan. 6	734	Castle Island Terminal, Fire Station.
Jan. 8	7343	Castle Island Terminal, Yard, Cross road.
Jan. 8	7344	Castle Island Terminal, Yard 2, Gardner way.
Jan. 8	7345	Castle Island Terminal, Yard 2, Embankment road.
Jan. 8	7351	Castle Island Terminal, Main Ship Channel Wharf.
Jan. 8	7352	Castle Island Terminal, Main Ship Channel Wharf, center.
Jan. 8	7353	Castle Island Terminal, Reserved Channel Wharf, east end.
Jan. 8	7354	Castle Island Terminal, Reserved Channel Wharf, near Cross road.
May 10	13-6113	Bethlehem Steel Company, Simpson Yard, 256 Marginal street.
June 2	2729	West Roxbury Parkway and Hackensack road.
June 2	12-6232	Naval Fuel Depot, Section 4 North.
June 23	7341	Castle Island Terminal, Main gate, Gardner way.
June 23	7342	Castle Island Terminal, Railroad gate, Farragut road.
June 23	7357	Castle Island Terminal, Reserved Channel Wharf Extension, west end.
Aug. 27	12-3112	White Fuel Corporation, Southampton street, near railroad siding.
Sept. 27	4218	Charlestown Navy Yard Power House, Third avenue.
Oct. 15	7346	Castle Island Terminal, near Fort Independence.
Nov. 4	12-6151	The Hodge Boiler Works, 87-111 Sumner street.
Dec. 4	12-3228	Camp McKay, Mt. Vernon street.

FIRE ALARM BOXES RELOCATED AND RENUMBERED IN 1943.

DATE.	Box.	Location.
March 31	12-721	Relocated from New York, New Haven and Hartford Railroad car department building to corner Dorchester avenue and West Fourth street; renumbered 72, December 31, 1943.

CONSTRUCTION WORK.
UNDERGROUND CABLES — 1943.

	INSTALLED.		REMOVED.	
	Feet of Cable.	Feet of Conductors.	Feet of Cable.	Feet of Conductors.
2 Conductor cables.....	460	920	—	—
4 Conductor cables.....	1,798	7,192	—	—
6 Conductor cables.....	1,209	7,254	1,294	7,764
7 Conductor cables.....	1,500	10,500	—	—
10 Conductor cables.....	855	8,550	30	300
19 Conductor cables.....	2,031	38,589	1,706	32,414
20 Conductor cables.....	—	—	100	2,000
37 Conductor cables.....	955	35,335	531	19,647
61 Conductor cables.....	—	—	440	26,840
Totals.....	8,808	108,340	4,101	88,965

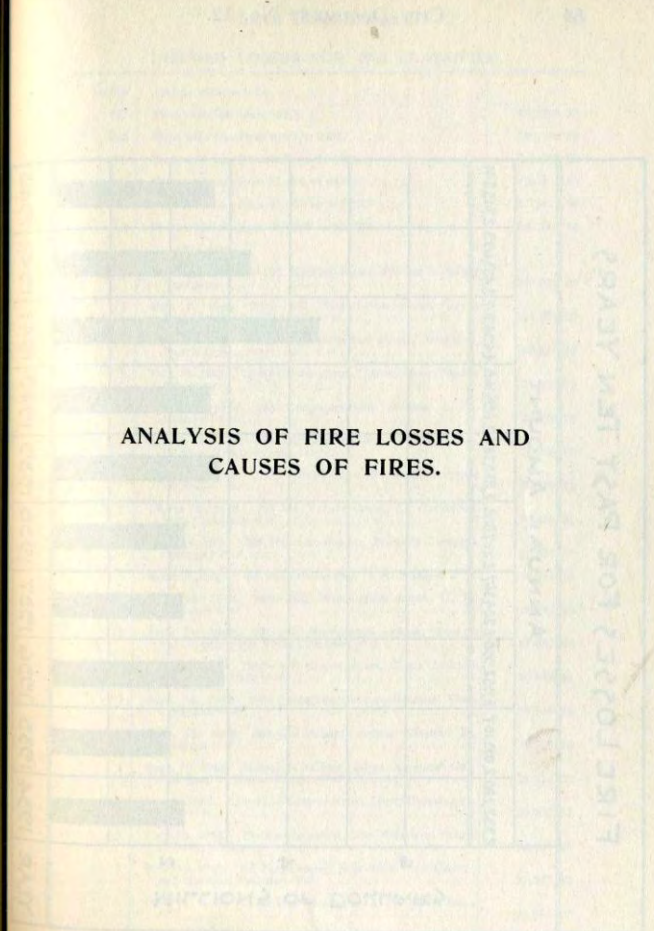
OVERHEAD LINE WIRE AND CABLES — 1943.

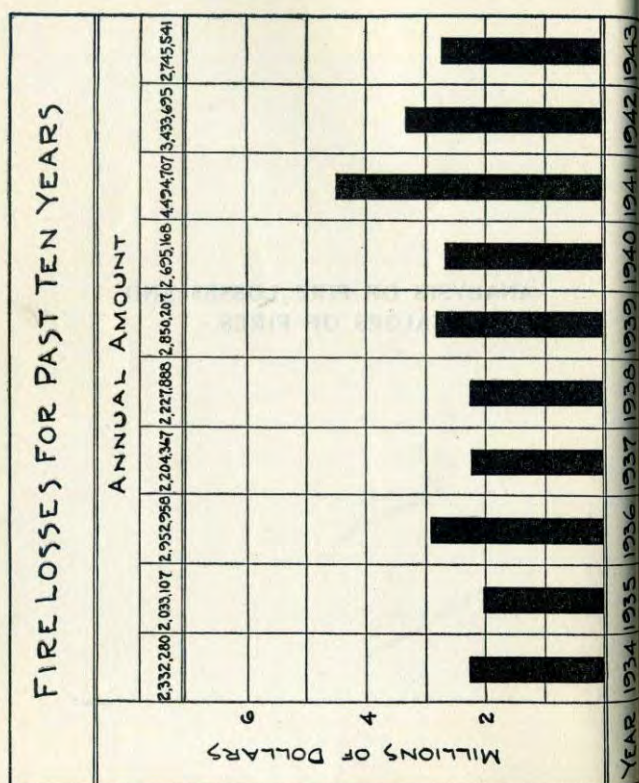
	Installed, Feet.	Removed, Feet.
Overhead line wire.....	6,300	6,200
Twin dry cable.....	430	1,425
4-conductor dry cable.....	900	—

Overhead construction transferred on eighty-three poles in 1943.

TABLE 1
FIRE LOSSES AND CAUSES OF FIRES

Year	Losses (Millions of Dollars)	Causes of Fires
1910	100	1. Carelessness 45%
1915	120	1. Carelessness 45%
1920	150	1. Carelessness 45%
1925	180	1. Carelessness 45%
1930	200	1. Carelessness 45%
1935	220	1. Carelessness 45%
1940	250	1. Carelessness 45%
1945	280	1. Carelessness 45%
1950	300	1. Carelessness 45%
1955	320	1. Carelessness 45%
1960	350	1. Carelessness 45%
1965	380	1. Carelessness 45%
1970	400	1. Carelessness 45%
1975	420	1. Carelessness 45%
1980	450	1. Carelessness 45%
1985	480	1. Carelessness 45%
1990	500	1. Carelessness 45%
1995	520	1. Carelessness 45%
2000	550	1. Carelessness 45%
2005	580	1. Carelessness 45%
2010	600	1. Carelessness 45%
2015	620	1. Carelessness 45%
2020	650	1. Carelessness 45%





INSURED LOSSES FOR 1943 CLASSIFIED.

10,818	Alarms with no loss.....	—
437	Fires with loss under \$100.....	\$23,903 33
622	Fires with loss from \$100 to \$500.....	142,166 25
198	Fires with loss from \$500 to \$1,000.....	137,943 31
324	Fires with loss from \$1,000 to \$5,000.....	712,914 56
51	Fires with loss from \$5,000 to \$10,000.....	377,619 66
20	Fires with loss from \$10,000 to \$15,000.....	242,245 54
	Over \$15,000:	
1	Jan. 16, 1943. 81-105 Medford street, Palmer & Parker Company.....	237,029 34
1	Feb. 2, 1943. 2301-2337 Washington street, Green Brothers Realty Company <i>et al.</i>	121,538 02
1	Feb. 8, 1943. 352-356 Washington street, Brighton, Dorr's Liquor Store, Inc., <i>et al.</i>	48,346 44
1	Feb. 16, 1943. 76-82 Carver street, Conveyancers Realty Company.....	25,767 25
1	Feb. 17, 1943. 228 Commonwealth avenue, J. M. Rothwell <i>et al.</i>	26,912 97
1	March 13, 1943. 184-192 Lincoln street, Gordon, Lowe, Godfrey Company, Inc., <i>et al.</i>	24,290 80
1	March 15, 1943. 295 Medford street, Winde-McCormick & Chapin, Inc.....	78,761 62
1	March 20, 1943. 122 Mt. Vernon street, Air Reduction Sales Company <i>et al.</i>	78,481 55
1	April 12, 1943. 560 Harrison avenue, Belmont Garment Company <i>et al.</i>	15,282 53
1	April 26, 1943. 19 West Broadway, C. H. Mahn <i>et al.</i>	16,241 15
1	April 28, 1943. 2406-2422 Washington street, G. C. Appleton <i>et al.</i>	36,347 48
1	May 19, 1943. 291-303 Huntington avenue, Boston Safe Deposit and Trust Company <i>et al.</i>	67,681 68
1	May 30, 1943. 1950-1960 Beacon street, Circle Cocktail Lounge and Grill <i>et al.</i>	16,448 91
1	Sept. 14, 1943. 999 Columbus avenue, Colonial Coal Company <i>et al.</i>	23,246 28
1	Sept. 15, 1943. 560-570 Albany street, Edmund D. Codman <i>et al.</i>	33,750 33
1	Sept. 30, 1943. 22 and 24 Midway street, American Can Company of Massachusetts <i>et al.</i>	59,111 29
1	Oct. 7, 1943. 171-175 Hanover street, Capri Restaurant, Inc., <i>et al.</i>	20,665 34
1	Oct. 16, 1943. 49 Granite street, The American Sugar Refining Company.....	18,923 99
1	Nov. 10, 1943. Off Fargo street, New York, New Haven and Hartford Railroad <i>et al.</i>	21,047 90
1	Nov. 12, 1943. 16-22 Hayward place, A. W. Perry, Inc., <i>et al.</i>	21,985 17
1	Nov. 19, 1943. 2148-2152 Washington street, Stylerite Manufacturing Company <i>et al.</i>	96,764 05
1	Dec. 29, 1943. 20 Wales street, J. Krafchick <i>et al.</i>	20,134 24
2	Marine fires.....	—
12,494		\$2,745,541 07

FIRE LOSSES.

	TOTALS.			
	1942.		1943.	
	Buildings.	Contents.	Buildings.	Contents.
January.....	\$189,043 49	\$80,959 25	\$358,927 68	\$55,353 11
February.....	190,959 32	248,858 87	225,819 35	186,138 18
March.....	176,757 96	171,796 79	231,563 79	97,717 05
April.....	206,999 86	152,907 70	180,095 16	84,127 46
May.....	93,621 58	40,105 15	123,559 53	42,568 75
June.....	50,597 48	56,398 26	59,077 32	25,301 53
July.....	56,783 25	66,043 52	47,117 15	32,722 18
August.....	46,429 18	15,107 77	50,815 44	28,031 37
September.....	61,695 84	35,484 95	150,754 64	62,868 81
October.....	122,562 34	149,708 54	73,717 46	54,017 12
November.....	201,674 92	183,791 33	158,026 87	92,651 06
December.....	572,162 04	293,285 53	226,733 17	77,830 89
Summary.....	\$1,909,267 26	\$1,464,427 66	\$1,906,297 56	\$839,332 51

CAUSES OF OUTDOOR FIRES (1943).

Brush	2,102
Automobile	847
Other outdoor fires	857
Rubbish (vacant lot)	512
Rubbish (near building)	394
Dump	96
Marine	52

1943 total	4,860
Rescues (emergency calls)	708
Out of city calls	74

CAUSES OF FIRES IN BUILDINGS (1943).

Careless smoking	1,189
Chimneys: Defective, soot and sparks	488
Fuel oil burners	475
Electrical appliances and motors	251
Children and matches	423
Unknown	181
Miscellaneous known causes	308
Spontaneous ignition	120
Defective heaters and rubbish	135
Grease and food on stove	126
Other careless use of matches	85
Hot ashes	91
Defective wiring	87
Incendiary or suspicious	27
Clothes too near fire	34
Flammable liquids	21
City gas and appliances	28
Sparks from machines	13
Thawing water pipes	24

1943 total	4,106
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ANALYSIS OF FIRES IN BUILDINGS (1943).

Construction of Buildings.

Fire-resistive	234
Second class	2,069
Frame	1,786
Other types	17

Total	4,106
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Point of Origin.

Basement	1,184
First floor	1,119
Second floor	577
Third floor	374
Above third floor	210
Roof	130
Outside	512
Total	4,106

Extent of Fire.

Confined to point of origin	3,347
Confined to buildings	698
Spread to other buildings	61
Total	4,106

MAINTENANCE DIVISION.

MAINTENANCE DIVISION.

RECORD OF HOSE.

PURCHASED.	Condemned.	Repaired.	In Service.	In Stock.
31,566 Ft.	18,273½ Ft.	29,869 Ft.	180,723 Ft.	1,431 Ft.

PAINTING ACTIVITIES.

TYPE OF WORK.	Number of Jobs.	Labor Costs.	Material Costs.	Total Costs.
Complete Apparatus.....	17	\$1,801 00	\$229 44	\$2,030 44
Partial Apparatus.....	92	316 19	111 58	427 77
Miscellaneous.....	97	339 77	122 60	462 37
Totals.....	206	\$2,456 96	\$463 62	\$2,920 58

REPAIRS TO APPARATUS.

PERFORMED By →	B. F. D. Maint. Div.	Outside Concerns.	Total.
Number of Jobs.....	4,937	461	5,398
Cost of Labor.....	\$18,689 72	—	—
Cost of Material.....	19,214 13	—	—
Total Cost.....	\$37,903 85	\$7,122 59	\$45,026 44

REPAIRS TO FIRE BOATS.

	COST, MATERIAL.			Total.
	Lumber.	Packing.	Valves.	
B. F. D., Maintenance Division.....	\$39 21	\$170 00	\$26 84	\$336 05
Outside Concerns.....	\$3,525 95			

MOTOR EQUIPMENT INVENTORY.

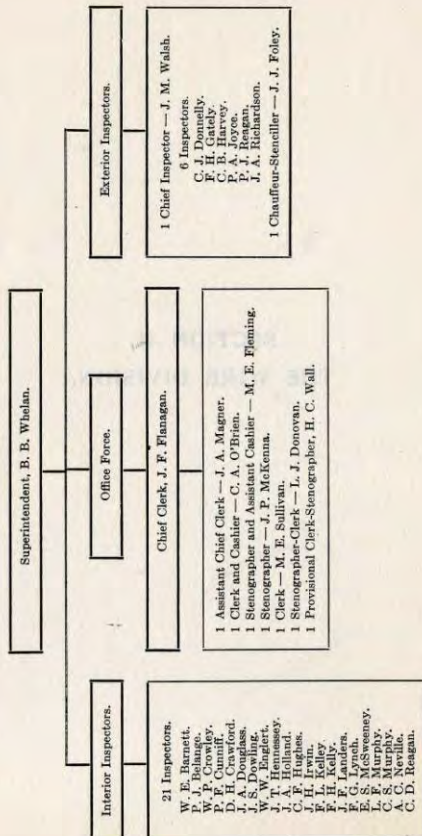
TYPE OF EQUIPMENT.	In Service.	In Reserve.
Pumping Engines.....	51	10
Hose Cars.....	44	11
Aerial Ladder Trucks.....	23	5
City Service Ladder Trucks.....	9	3
Water Towers.....	2	2
Mack Wrecker.....	1	—
Rescue Cars.....	3	2
Fuel Cars.....	2	—
Lighting Plants.....	2	—
Auxiliary Pumps.....	7	—
Chief Officers' Cars.....	39	17
Emergency Ford Cars.....	12	—
Commercial Trucks.....	18	—
Steam Fire Engines.....	—	2
Salt Cars.....	12	—
Sound Wagon.....	1	—
Totals.....	226	52

RECORD OF UNIFORM CLOTHING.

ARTICLE.	Received and Distributed.	Repaired and Cleansed.	Reissued.
Overcoats.....	342	25	258
Sack Coats.....	416	33	195
Trousers.....	844	200	131
Uniform Caps.....	660	—	183
Rubber Fire Coats.....	171	170	156

SECTION II. THE WIRE DIVISION.

THE WIRE DIVISION.



WIRE DIVISION.

The duty placed upon the Fire Commissioner by chapter 101 of the Acts of 1936, and by section 1 of chapter 110 of the Acts of 1941, to prescribe the annual underground district was suspended by the enactment of chapter 26 of the Acts of 1943, suspension to be effective for the year 1943 and for each year thereafter during any part of which the present state of war continues, but prescriptions already made by the commissioner for years prior to the year 1943 are not affected by the passage of this Act, nor does it affect the power of the commissioner to enforce any such prior prescription.

The various companies affected by the above-mentioned acts have, however, cooperated wholeheartedly in nearly all respects in complying with the law, and have cleared the streets of their overhead construction and placed their wires underground.

REINSPECTION OF OLD INSTALLATIONS.

Although war conditions have contributed much toward the prohibition of installing new electric work throughout the city, our inspectors have worked diligently in inspecting old existing installations for the protection of life and property, and have been quite successful in this respect.

THEATRE INSPECTIONS.

Regular inspections were made throughout the year of the electrical installations in theatres, places of amusement and public halls, and reports of the same submitted to the Mayor's office, also recorded in the records of the Wire Division.

All fires and accidents reported as due to electrical causes were investigated and reports made of the same, are on file in the Wire Division.

EXPENSES AND INCOME OF DIVISION FOR FIVE YEARS.

	1939.	1940.	1941.	1942.	1943.
Expenses.....	\$85,557 14	\$84,044 51	\$85,139 53	\$84,216 63	\$88,105 27
Income.....	41,611 94	43,357 59	42,545 09	29,547 82	27,565 95

FIRE REPORT.

Investigation of fires and accidents reported as caused by electricity showed the following:

Building fires	200
Lamp-post fires	2
Transformer breakdowns	4
Manhole troubles	8
Miscellaneous troubles	3
Accidents to persons (two of which were fatal)	6

Causes of Fires and Miscellaneous Troubles Investigated by the Wire Division in 1943.

Short circuit in wiring of electric braking of elevator — 11.
 Breakdown of insulation of motor windings — 2.
 Defective flatiron cord — 1.
 Defective motor wiring — 12.
 Defective wall plug — 7.
 Fire on lamp-post — 2.
 Defective cable feeding range — 2.
 Arcing at vacuum cleaner receptacle — 1.
 Short circuit in electric fixture — 19.
 Breakdown of insulation of wiring — 16.
 Short circuit in receptacle — 10.
 Short circuit in radio wiring — 6.
 Defective bell wires — 2.
 Overheated flatiron — 8.
 Relay coil on elevator control board — 1.
 Lack of lubrication of motor — 4.
 Overheated motor — 21.
 Water leaking on motor — 2.
 Flash at switch control board of elevator — 1.
 Short circuit in motor — 5.
 Loose connection in cutout panel — 1.
 Breakdown of insulation of motor wiring — 22.
 Overheated electric heater — 6.
 Water leaking on fixture — 9.
 Transformer breakdown — 4.
 Breakdown of Edison cable in street — 1.
 Defective bed lamp — 1.
 Defective switch — 7.
 Sparking at motor brushes — 4.
 Overheated radio — 2.
 Defective lamp cord — 9.
 Breakdown in elevator cable — 3.

Short circuit in underground low tension circuit — 1.
 Short circuit in electric coil of damper control — 1.
 Short circuit in coils of generator — 1.
 Manhole troubles — 8.
 Improper fusing — 2.
 Short circuit in switchbox on pole — 1.
 Loose panel box contact — 1.
 Breakdown of carbon resistor tube on air conditioning system — 1.
 Defective fuse holder caused arc — 1.
 Water leaking on sign wiring — 1.
 Defective Christmas tree lighting set — 5.
 High wind broke swaying Neon tube which came into contact with high tension circuit — 1.

Accidents.

A man was burned by a flash while changing a fuse — 1.
 A man drilling a hole through iron frame, kneeling on a dirt floor, received a shock which proved fatal — 1.
 A man on a creeper under truck in contact with bare wire of portable cord and chassis of truck (fatal) — 1.
 A girl burned while playing with an extension cord — 1.
 A woman received shocks from a homemade lamp — 1.
 A man and woman received burns on hands from defective lamp socket — 1.

EXTERIOR DIVISION.

The underground district for the year 1943 as prescribed under authority of chapter 110 of the Acts of 1941 has been suspended due to war emergency.

In side or residential streets special underground construction for light and power purposes (115-230 volts), of type known as Split Fibre Solid Main System, has been installed.

The ducts used for underground conduits of the drawing-in system are of the following type:

1. Vitrified clay (laid in concrete).
2. Fibre (laid in concrete).
3. Wood.
4. Iron.

During the year the inspectors of this division reported seventy-seven poles defective at base, of which forty-five have been replaced with new poles.

Reported accidents and miscellaneous troubles were investigated, consisting of manhole explosions, wires down, fire and gas in manholes and poles knocked down.

EXPENDITURES.

	1942.	1943.
PERSONAL SERVICE:		
Permanent Employees	\$79,935 89	\$82,775 71
Temporary Employees	—	328 80
		\$83,104 51
CONTRACTUAL SERVICES:		
Printing and binding	—	\$218 60
Advertising and posting	\$132 35	—
Transportation of persons	1,478 05	1,549 70
Bond and insurance premiums	40 00	40 00
Communication	620 21	671 77
Stenographic and copying	14 40	—
General repairs	10 00	40 00
	\$2,295 01	\$2,520 07
EQUIPMENT:		
Library	\$7 08	—
Miscellaneous equipment	92 00	\$15 00
	\$99 08	\$15 00
SUPPLIES:		
Office	\$735 65	\$1,202 69
MATERIALS:		
Miscellaneous materials	—	\$13 00
SPECIAL ITEMS:		
Pensions	\$1,250 00	\$1,250 00
Grand totals	<u>\$84,315 63</u>	<u>\$88,105 27</u>

UNDERGROUND WORK FOR THE YEAR 1943.

COMPANY.	LENGTH IN FEET OF			NUMBER OF	
	Conduit.	Duct.	Cable.	Manholes.	Services.
Boston Consolidated Gas Company	—	—	709	—	—
Boston Edison Company	11,419	13,474	108,477	3	145
Boston Elevated Railway Company	115	115	4,611	—	—
Boston Fire Department	—	—	8,458	—	—
Boston Police Department	—	—	2,664	—	—
New England Telephone and Telegraph Company	992	1,492	61,864	—	4
Western Union Telegraph Company	—	—	3,155	—	—
Totals	12,726	15,081	189,938	3	149

TABLE SHOWING OVERHEAD WORK OF EXTERIOR DIVISION (FIVE YEARS).

	1939.	1940.	1941.	1942.	1943.
Number of poles set in new locations.....	66	48	77	22	5
Number of poles removed.....	253	84	93	96	2
Number of poles reset, replaced or straightened.....	223	782	1,033	1,120	690
Number of poles standing in public streets.....	16,830	16,794	16,914	16,756	16,759
Number of poles tested.....	—	10,854	4,800	8,452	9,077
Number of defects reported.....	246	283	475	451	268
Number of defects corrected.....	153	256	323	322	92
Other defects in process of correction.....					
Number of notices of overhead construction.....	2,910	3,484	4,779	4,854	3,892
Number of overhead inspections.....	11,431	9,893	9,417	9,082	11,309
Number of overhead reports.....	15,938	12,685	12,254	12,130	14,483
Number of underground notices.....	1,865	2,000	1,974	2,018	925
Number of underground inspections.....	1,250	1,464	2,182	2,268	511
Number of underground reports.....	3,435	3,124	3,587	3,632	748
Amount of overhead wire removed by various companies, in feet.....	1,039,876	827,197	807,396	353,517	218,389

WORK DONE.

The following is a Summary of Work of Interior Division (Five Years).

	1939.	1940.	1941.	1942.	1943.
Notices of new work received.....	13,322	13,280	12,344	7,346	7,463
Number of permits issued to turn on current.....	10,646	10,541	10,607	6,216	6,330
Number of incandescent lamps inspected.....	2,192,987	2,131,331	2,222,679	2,968,999	2,049,925
Number of motors inspected.....	17,339	18,208	18,320	15,442	15,608
Total horse power of motors inspected.....	64,295	64,147	60,781	58,904	61,720
Number of arcs inspected.....	2,578	2,576	2,613	2,643	2,580
Number of inspections made.....	35,859	35,467	31,095	27,915	29,102
Number of inspections of theatres, places of amusement and public halls.....	1,633	1,598	1,325	1,314	1,390

CHARACTER OF CABLES USED BY THE VARIOUS COMPANIES, 1943.

COMPANY.	Kind of Insulation.	Size.
Boston Consolidated Gas Company.....	Rubber varnished, cambric, paper.....	1 and 3 pairs conductors.
Boston Edison Company.....	Lead covered, and paper and rubber.....	No. 6, No. 4, No. 2, No. 0, No. 0000, 350,000 C. M., 350,000 C. M., 3 conductor, 500,000 C. M., 1,000,000 C. M.
Boston Elevated Railway Company.....	Rubber, lead covered, paper, rubber-jacketed.....	1,000,000 C. M., 2,000,000 C. M.
Boston Fire Department.....	Rubber, lead.....	2-6-19-20-37-61 conductor.
Boston Police Department.....	Thinwall, rubber.....	11 conductors.
New England Telephone and Telegraph Company.....	Lead, paper.....	1 to 1,212 pairs No. 24 and No. 19 gauge.
The Western Union Telegraph Company.....	Lead, paper insulated.....	70-51-26-14 pairs 20-22 conductor.

INDEX.

	PAGE
Alarms (See Fire Alarms)	
Apparatus:	
In General	4, 5
Inventory	61
Portable Pumps	5
Repairs	60
Service Reports	34, 35, 36, 37
Appointments	3, 26-32
Auxiliary Fire Force	4
Causes of Fires	57
Coast Guard	4
Company Officers	12, 13
Deaths	14
Department Manuals	6
Died in Armed Forces of United States	21
Directory (Location of Officers)	12, 13
Educational Program	6
Equipment:	
Civilian Defense	5
New	4, 5
Executive Organization	10, 11
Expenses	37, 38, 65, 68
False Alarms	41, 48
Finances:	
Expenditures	37, 38, 65, 68
Revenue	38, 65
Fire Alarms:	
Analysis of Alarms by Months	42
Analysis of False Alarms	41
Analysis of Still Alarms	40
False Alarms (Comparative)	48
Number of Alarms	5, 40, 47
Summary of Alarms According to Days of Week	44
Summary of Alarms According to Districts	45
Summary of Alarms According to Time of Day	45
Summary of Alarms from Private Fire Alarm Companies	41
Summary of Emergency Services, Accidental and Needless Alarms	46
Fire Alarm Boxes:	
Installed	50
Number of	49
Relocated and Renumbered	50
Summary of Boxes in Districts	49
Summary of Boxes in Divisions	49
Fire Alarm Construction Work:	
Overhead Line Work and Cables	51
Underground Cables	51
Fire Alarm System (Audible)	7, 8
Fireboats	5, 60

	PAGE
Fire Loss:	
Classified	55
Comparative	54, 56
In General	5, 6
Fires:	
Analysis of Fires in Buildings	57, 58
Causes	57
Insured Losses (Classified)	55
Losses	5, 6, 54, 56
Summary of Multiple Alarm Fires	44
Hose	60
"In Memoriam"	14
Losses (Fire)	5, 6, 54, 55, 56
Maintenance Division:	
Hose	60
Painting	60
Repairs to Apparatus	61
Repairs to Fireboats	61
Inventory of Motor Equipment	61
Uniforms	7
Maintenance Problems	2, 3, 4, 7
Manpower Problems	7
Memorial Mass	46
Mutual Aid	7, 8
New Construction and Alterations	5, 6
New Equipment	7, 8
New Fire Stations	17, 18, 19, 20
Officers and Members in Armed Forces of United States:	
Fire Fighting Force	20, 21
Members of Auxiliary Divisions	21
Returned to Department from United States Service	21
Personnel:	
Appointments	3, 26-32
Comparative Table	34
Deaths	14
Died in Armed Forces of United States	21
Dropped	3, 26
Forty-year Men	15
In General	2, 3, 4
Location of Officers	12, 13
Officers and Members in Armed Forces of United States	17-21
Reinstatements	3, 32
Resignations	3, 24, 25
Retirements	3, 22, 23, 24, 25
Twenty-five Year Men	15, 16, 17
Post War Projects	7, 8
Promotions	3
Radio	8
Reinstatements	3, 32
Repairs (See Maintenance Division)	3, 24, 25
Resignations	3, 22, 23, 24, 25
Retirements	38, 65
Revenues	17
Roll of Merit	17
Service Reports:	
Engine Companies	34, 35
Ladder Companies	36
Rescue Companies	37
Tower Companies	37
Special Comments	2-8
Uniforms	61

	PAGE
Wire Division:	
Causes of Electrical Accidents and Fires	66, 67
Character of Cables	72
Expenditures	65, 68
Exterior Division	67
Fire Report	66
Inspections	65, 70, 71
Interior Division (Work Done)	71
Overhead Work	70
Personnel	64
Reinspection of Old Installations	65
Revenue	65
Underground District	65
Underground Work	69