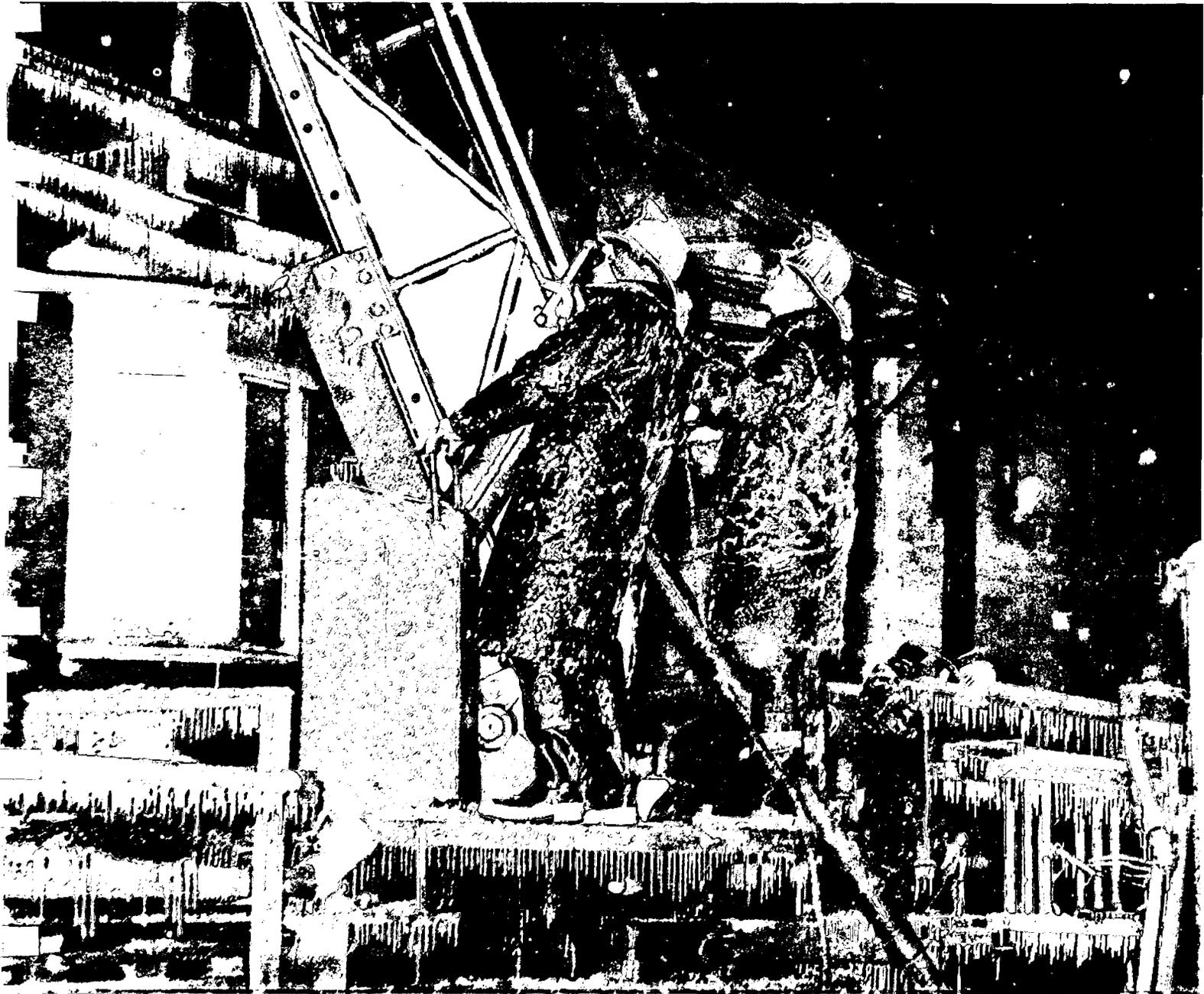
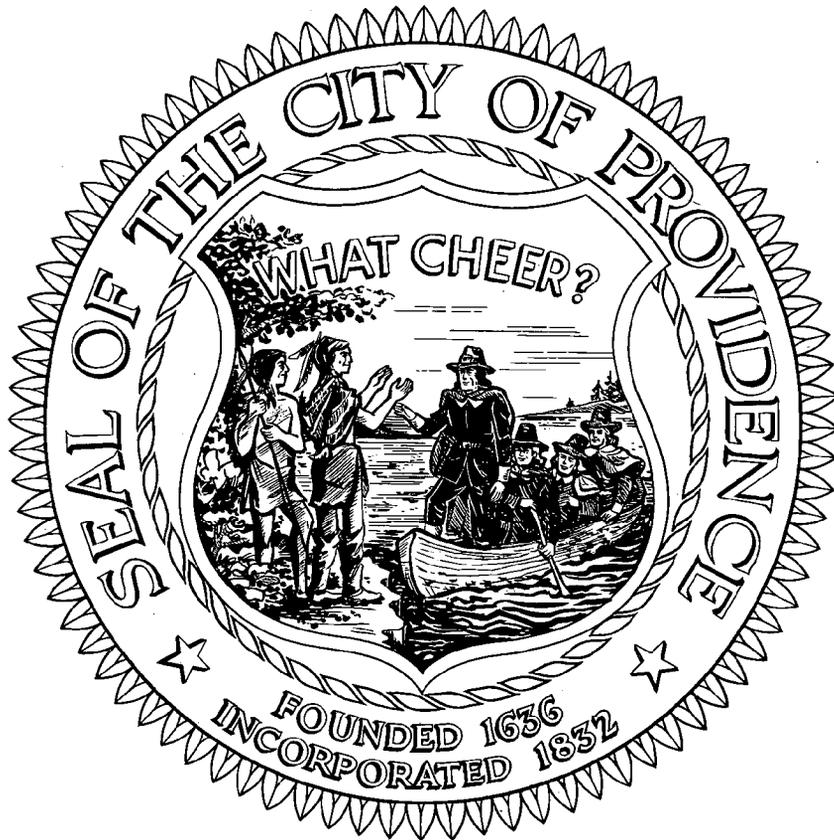


Providence Fire Department

ANNUAL REPORT



1 9 6 4



IN CITY COUNCIL
MAR 4 1965

READ:
WHEREUPON IT IS ORDERED THAT
THE SAME BE RECEIVED.

Vincent Vespa
CLERK



THE HONORABLE JOSEPH A. DOORLEY, Jr.
Mayor of Providence



HARRY GOLDSTEIN
Commissioner of Public Safety



LEWIS A. MARSHALL
Chief of Department

LEWIS A. MARSHALL
CHIEF OF
FIRE DEPARTMENT



Harry Goldstein
~~XXXXXXXXXXXXXXXXXXXX~~
COMMISSIONER
OF PUBLIC SAFETY

CITY OF PROVIDENCE - FIRE DEPARTMENT
209 FOUNTAIN ST., PROVIDENCE 3, RHODE ISLAND

The Honorable Commissioner of Public Safety
209 Fountain Street
Providence, Rhode Island

Dear Sir:

It is my privilege and pleasure to submit for your approval the Annual Report of the Providence Fire Department for the year ending December 31, 1964.

The Fire losses in the City of Providence were \$1,127,655.83 and this total is slightly higher than in 1963. However, I would bring to your attention the basic factors which exert important influences on loss statistics, namely the decrease in the value of the dollar which results in greater dollar loss per unit of property destroyed. Also, increase in national wealth which results in greater amounts of property subject to destruction.

For a more efficient operation in our communication system, the Bureau of Operational Control has been placed under the command of the Fire Alarm Division, allowing us to save almost \$7,000 through the elimination of the Assistant Superintendent of Fire Alarm classification.

The Fire Department Carpenter Shop has been combined with the Building Maintenance Division at the Chad Brown Street Station. The building at 756 Manton Avenue has been turned over to the City Property Committee. In combining these facilities, we eliminated the position of Superintendent of Building Maintenance, thereby saving \$6,941.29.

I would call your attention to the report of the Air Supply Station and the work that is being done at this station. I believe the city will save \$2,000 each year.

We shall continue to maintain the high standards of efficiency and effective operation to minimize loss of life and property damage by reason of fire.

I extend my deep and sincere appreciation to all citizens and groups who, through 1964 have assisted and supported the work of this department.

To Mayor Doorley, and you Commissioner Goldstein, and the honorable members of the City Government my sincere thanks for the support and cooperation you have shown in providing us with the modern tools of fire-fighting required to fight fire efficiently and effectively.

I also commend the officers and men of the Providence Fire Department for their loyal and dedicated service to the City of Providence.

Respectfully submitted,

Lewis A. Marshall
Lewis A. Marshall
Chief of Department

OPERATIONAL STATISTICAL REPORT

National fire losses for 1964 decreased from the upward trend of the previous three years and the record high of 1963. The national per capita loss for 1964 is estimated to be approximately \$9.34 from a total estimated loss of \$1,675,000,000.

Fire killed approximately 11,900 people in the United States during 1964. This was an increase over the previous year of one hundred lives. However, with the population increase, loss of life by reason of fire may be assumed to be decreasing. Of the total deaths occurring, about 6,500 of these deaths occurred in homes and about 30% of all fire victims -3500- were children.

Fire losses in the City of Providence during 1964 amounted to \$1,127,655.83 which indicates an increase over the 1963 loss. Despite this increase, the 1964 loss continues to be below the national average. The per capita loss in the City of Providence is \$5.43 which is 42% less than the national average.

During 1964, there were nine two-alarm and three three-alarm fires for a total of twelve multiple alarm fires in the City.

As has been the case in previous years, careless smoking continued to be the principal cause of loss of life by fire. In Providence, of the seven persons who lost their lives by fire, five of these were due to careless smoking. It should be added however, that loss of life from fire in Providence has continued to decline from the statistics of previous years.

Building fires in 1964 were above the normal ten year average. This may be attributed to an increase in vacant building fires which, incidently, have become a serious problem in most cities undergoing urban renewal, highway construction and redevelopment programs.

Providence has again been adjudged as having the best year round fire prevention program of all cities in its class and fourth class for all cities and classes. This marked the sixth consecutive year that Providence has been the recipient of a first place award. Again it should be stated that the fire prevention education program has continued to play a prominent part in the reduction of loss of life and property from fire in the City of Providence.



Statistical files

1964 FIRE LOSS

\$1,127,655.83

1963 FIRE LOSS

\$1,104,831.00

1964 NATIONAL

Per Capita Loss .. \$9.34 approx.

1964 PROVIDENCE

Per Capita Loss .. \$5.43 *

* Per Capita Loss in the City of Providence for 1964 is approximately 42% less than the National figure.

BUILDING FIRES

1954	---	395
1955	---	395
1956	---	362
1957	---	373
1958	---	342
1959	---	364
1960	---	469
1961	---	333
1962	---	361
1963	---	386
1964	---	416

FIRES AMOUNTING TO \$2500. or more

1954	---	70
1955	---	76
1956	---	120
1957	---	103
1958	---	94
1959	---	76
1960	---	87
1961	---	65
1962	---	88
1963	---	99
1964	---	109

FIRE FATALITIES

1964 -- 7

1963 -- 10

1964 FIRE DEPARTMENT CALLS

Box Alarms	1502
Still Box Alarms	1150
Still Alarms	2502
R.I.Electric Protective.....	30
<hr/>	
Total Fire Calls	5184
Rescue Calls	968
<hr/>	
TOTAL CALLS	14,852

MULTIPLE ALARMS

1964

2nd. alarm fires

<u>DATE</u>	<u>LOCATION</u>	<u>TYPE BLDG.</u>	<u>LOSS</u>
Jan. 23	22 Ocean Street	Dwelling	\$ 8,560.00
Feb. 17	364 Weybosset Street	Mercantile	34,092.29
Apr. 4	24 Pleasant Street	Dwelling	5,000.00
Apr. 4	93-95 Putnam Street	Dwelling	
May 16	263 Smith Street	Dwelling	7,000.00
May 27	143 Alger Avenue	Mercantile	
Oct. 2	44 Halsey Street	Dwelling	5,638.90
Oct. 17	175 Charles Street	Dwelling	19,560.00
Oct. 30	72-74 Sycamore Street	Dwelling	15,000.00

3rd. alarm fires

Mar. 27	45 Providence Street	Mercantile	
June 25	356 Weybosset Street	Vacant	64,004.75
Nov. 1	183 Hartford Avenue	Storage	45,000.00

Multiple alarms of fire - 2nd. alarms 9
 Multiple alarms of fire - 3rd. alarms 3

Fatalities caused from fire - 7

CAUSES OF FIRES AND ALARMS
for fires in buildings

Candle-lamp-torch	14
Careless use of matches	17
Careless smoking	124
Careless smoking in bed	9
Cleaning solvent	2
Defective boiler-furnace	7
Defective chimney	1
Defective electric appliance	6
Defective gas heater	1
Defective range oil burner	6
Defective space oil heater	3
Defective wiring	9
Explosion	1
Food-grease	5
Range oil burner-overheated	1
Range oil burner-overflow	7
Oil hot water heater overflow	1
Space oil heater-overflow	1
Power oil burner-flareback	1
Overheated boiler-furnace	5
Overheated electric flat	2
Overheated stove pipe	2
Overheated portable oil heater	1
Rubbish-litter	1
Set by juveniles	58
Short circuit-wires	25
Short circuit-electric motor	2
Soot in chimney	1
Spark from motor-machine	1
Spark from rubbish fire	22
Spontaneous combustion	1
Struck by lightning	4
Suspicious	31
Miscellaneous	10
Undetermined	34
	<hr/>
	416 Total

OTHER THAN FOR A FIRE IN A BUILDING

False Alarms (Box)	666	Overheated electric flat	1
False Alarms (Still Box)	159	Overheated electric motor	23
False Alarms (Still)	112	Overheated oven	4
Accidental - needless	318	Overheated tar kettle	2
Candle-lamp-torch	10	Overturned portable oil heater	1
Careless use of matches	7	Rags on pipes, etc.	8
Careless smoking	90	Set by juveniles	25
Careless smoking in bed	38	Short circuit-wires	55
Cleaning solvent	7	Short circuit-electric motor	12
Defective boiler-furnace	27	Short circuit-television	16
Defective chimney	7	Soot in chimney	12
Defective electric appliance	27	Spontaneous combustion	1
Defective gas stove	15	Struck by lightning	11
Defective gas heater	4	Suspicious	2
Defective range oil burner	26	Miscellaneous	1
Defective power oil burner	39	Auto-truck-bus, etc.	657
Defective portable oil heater	3	Boats	2
Defective space oil heater	22	Bonfires	60
Defective smoke pipe-flue	1	Bridges	7
Defective machinery	6	Dumps	56
Dust-lint	6	Fences	17
Food-grease	79	Grass-brush-leaves	1077
Range oil burner-flareback	9	Junk yards	2
Range oil burner-overflow	36	Lumber yards	11
Space oil heater-overflow	11	Rubbish-litter	776
Power oil burner-overflow	9	Tree-pole	83
Power oil burner-flareback	11	Oil bomb in street	32
Overheated boiler-furnace	11	Miscellaneous	58
		TOTAL	<u>4,768</u>

9,668 Rescue and Emergency Runs

Total building fires	416	
Total other than bldg. fires	<u>4,768</u>	
	5,184	TOTAL ALARMS FOR FIRE
Rescue and emergency runs	<u>9,668</u>	
	14,852	GRAND TOTAL OF ALARMS

RECORD OF ALARMS FOR FIRES IN BUILDINGS

RESIDENTIAL.....	257
NON-RESIDENTIAL.....	22
MERCANTILE.....	54
MANUFACTURING.....	34
STORAGE.....	10
PUBLIC UTILITIES....	0
MISCELLANEOUS.....	39

416 TOTAL

CLASSIFICATION OF BUILDING FIRES

<u>RESIDENTIAL</u>		<u>MANUFACTURING</u>	
Apartments	23	Factories	24
Tenements	201	Breweries	0
Dwellings	21	Canneries	0
Hotels	2	Bakeries	3
Rooming & Lodging	10	Laundries	6
	<u>257</u>	Printing	0
		Other mfg. & processing	1
			<u>34</u>
<u>NON-RESIDENTIAL</u>		<u>STORAGE</u>	
Office buildings	7	Warehouses	2
Theaters	0	Piers-wharfs	0
Churches	6	Grain elevators	0
Hospitals	1	Storage	8
Institutions	0		<u>10</u>
Schools	1		
Armory	2		
Auditorium	0	<u>PUBLIC UTILITIES</u>	
Hall, etc.	5	Power Plants	0
Banks	0	Pump-transformer sta.	0
	<u>22</u>		<u>0</u>
<u>MERCANTILE</u>		<u>MISCELLANEOUS</u>	
Retail & Wholesale	29	Detached private	
Restaurants	7	garages and barns	26
Bars & Cafes	14	All other buildings	13
Repair shops	2		<u>39</u>
Filling stations	1		
Public garages	1		
	<u>54</u>		

NUMBER OF ALARMS DURING EACH HOUR

HOUR <u>A.M.</u>	ALARMS <u> </u>	HOUR <u>P.M.</u>	ALARMS <u> </u>
12 - 1	142	12 - 1	274
1 - 2	119	1 - 2	280
2 - 3	97	2 - 3	315
3 - 4	47	3 - 4	389
4 - 5	38	4 - 5	370
5 - 6	29	5 - 6	349
6 - 7	41	6 - 7	360
7 - 8	62	7 - 8	324
8 - 9	107	8 - 9	406
9 - 10	147	9 - 10	347
10 - 11	195	10 - 11	277
11 - 12	252	11 - 12	217
			<u>5,184</u> TOTAL

NUMBER OF ALARMS DURING EACH DAY

Sunday	776
Monday	746
Tuesday	690
Wednesday	683
Thursday	688
Friday	744
Saturday	857
	<u>5,184</u> TOTAL

The following is the statistical summary of the activities of the fire fighting force of the Department for the year ending December 31, 1964.

Working time of companies at fires - 7,836 hours 10 min.
 Working time at dumps - 61 hours
 Working time of pumpers at fires - 772 hours 36 min.

HOSE LINES USED

Booster No. of lines used	395	Total feet	62,829
1½" hose " " " "	2,617	" "	382,200
2½" hose " " " "	485	" "	115,950
3" hose " " " "	342	" "	76,790

LADDERS USED

Aerial Ladders	123 used	Total feet	11,030
Portable Ladders -	1,199 used	" "	23,901

EXTINGUISHERS USED

Foam	- 15
Soda and acid	- 2
Pump tanks	-342
Dry chemical	- 38
Carbon dioxide	-231
Carbon tectachloride	- 1

OTHER EQUIPMENT USED

Salvage covers	- 288
Bundles of laths	- 70¼
Rolls of roofing paper	- 131¼
Homelites	- 88
Generators	- 70
Smoke ejector	- 6
Sprinkler heads	- 9
Scott Air-Pac	- 53

EXTRA HOURS AND LOST TIME

Extra hours of duty performed	4,987 hours 7 min.
Time in attendance at drills	2,516 hours 49 min.
Time lost by members through sickness	63,727 hours 33 min.
Time lost by members through injuries	64,172 hours 12 min.
Time lost through family sickness	5,232 hours
Special time granted	2,725 hours 30 min.

FIREFIGHTER

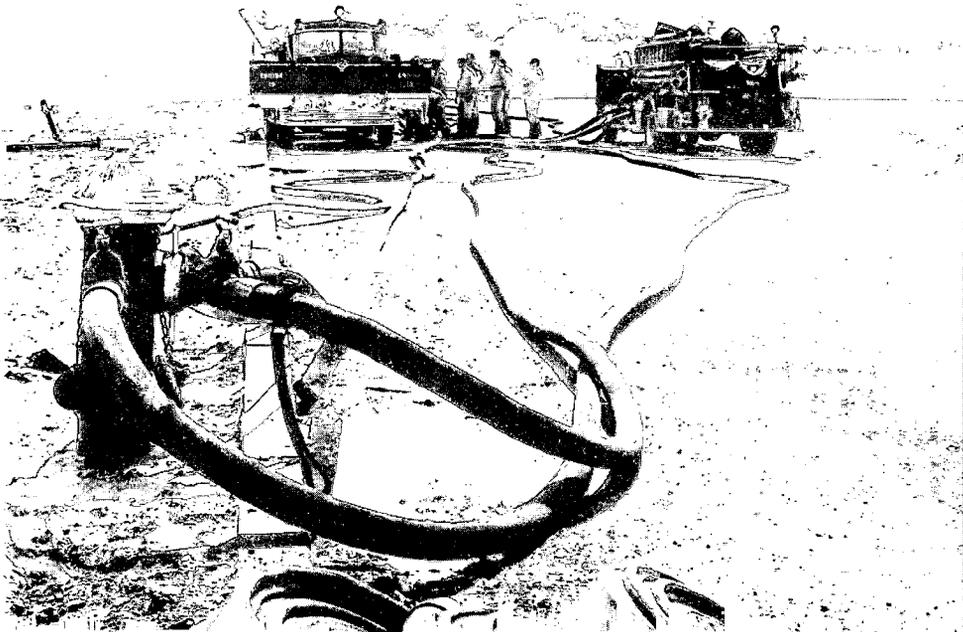
Firefighting



Training Program . . .
Extinguishing Flammable Liquids

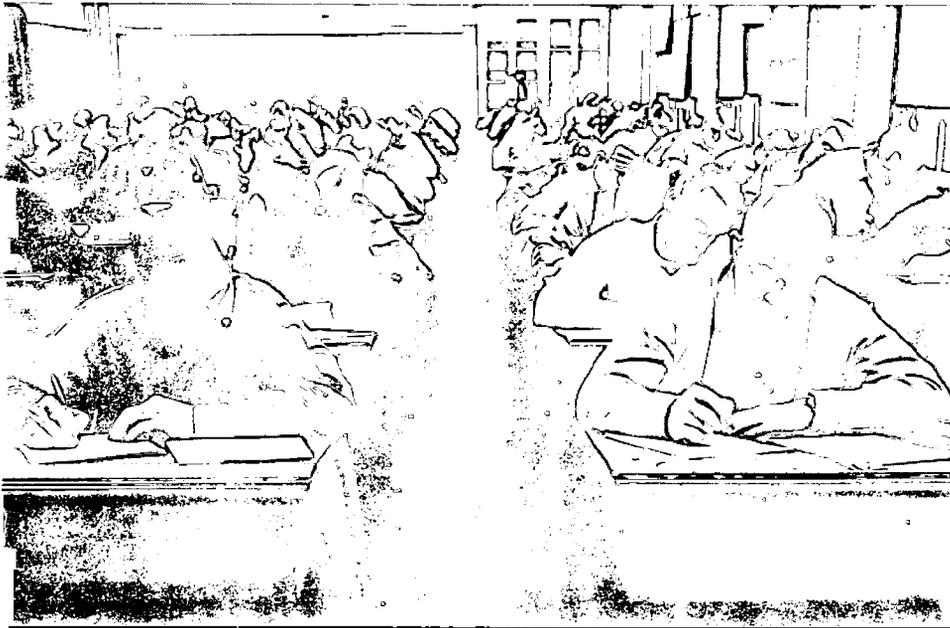
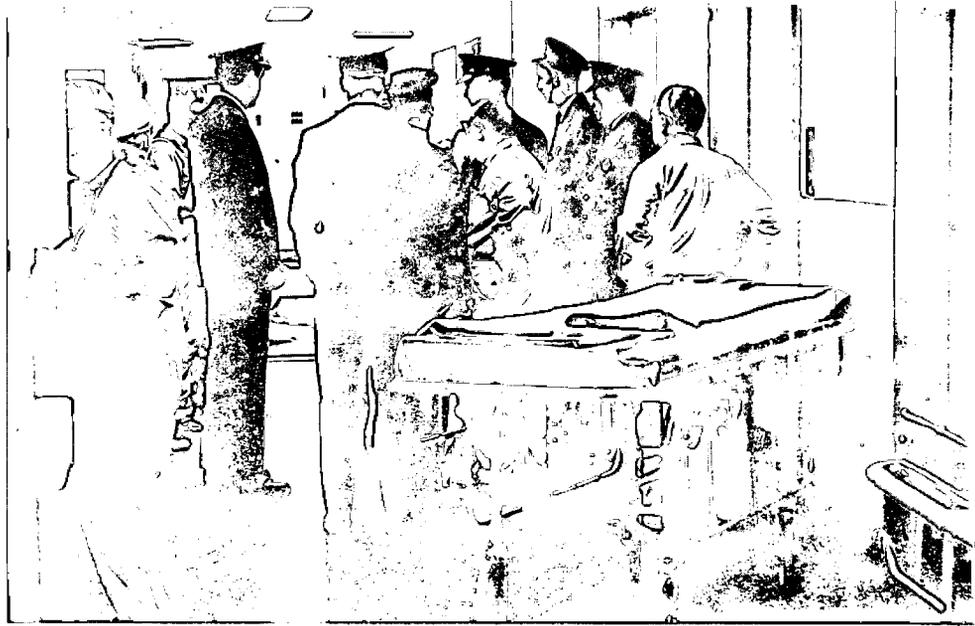


Company Drill



ACTIVITIES

Hospital Group Inspection



Promotional Examination

In-Service Inspection



INSPECTIONS

RESIDENTIAL

(dwellings, apartments, rooming houses, etc.) 109,944

NON-RESIDENTIAL

(theaters, churches, hospitals, schools, etc.) 1,879

MERCANTILE

(retail stores, restaurants, repair shops, etc.) 1,185

MANUFACTURING

(factories, bakeries, laundries, etc.) 329

STORAGE

(warehouses, piers, etc.) 112

MISCELLANEOUS

(power plants, pumping stations, etc.) 140

HYDRANTS

37,925

APPROVALS AND PERMITS

Gasoline 910

Garages 364

Dangerous chemicals 154



Conducting Fire Drill

The inservice apparatus consists of 18 pumpers, (1 combination foamite), 8 ladder trucks, 2 engine tenders, 3 rescue trucks and 1 salvage truck.

The reserve apparatus consists of 13 triple combination pumpers, 4 ladder trucks, 2 rescue trucks and 1 foam wagon.

<u>COMPANY</u>	<u>TYPE</u>	<u>G.P.M.</u>	<u>DATE</u>
Engine Co. No. 1	Ward-LaFrance	1000	November - 1963
" " " 2	LaFrance	750	April - 1952
" " " 3	LaFrance	750	April - 1953
" " " 4	General	750	December - 1953
" " " 5	LaFrance	750	April - 1950
" " " 6	LaFrance	750	June - 1952
" " " 7*	LaFrance	1250	July - 1942
" " " 8	LaFrance	750	April - 1950
" " " 9	LaFrance	1500	December - 1949
" " " 10	LaFrance	1250	November - 1945
" " " 11	Ward-LaFrance	750	April - 1954
" " " 12	LaFrance	750	April - 1950
" " " 13	General	750	December - 1953
" " " 14	LaFrance	750	April - 1950
" " " 17	Mack	750	December - 1957
" " " 18	Oren	750	September - 1952
" " " 19	Mack	750	December - 1957
" " " 20	Ward-LaFrance	750	July - 1960

* New motor installed in 1953

Ladder Co. No. 1	LaFrance Aerial	June - 1942
" " " 2	LaFrance Aerial	October - 1945
" " " 3	LaFrance Aerial	February - 1950
" " " 4	LaFrance Aerial	July - 1956
" " " 5	LaFrance Aerial	March - 1946
" " " 6	Seagrave Aerial	September - 1954
" " " 9	LaFrance Aerial	December - 1951
" " " 10	Maxim Aerial	January - 1963

Engine Tender No. 7	G. M. C.	December - 1943
Engine Tender No. 9	Ford C. O. E.	August - 1950

Rescue Co. No. 1	International Harvester	August - 1960
Rescue Co. No. 2	Gerstenslager (1 ton)	August - 1962
Rescue Co. No. 3	Gerstenslager (1 ton)	June - 1964
Salvage Co. No. 1	International walk-in van	May - 1961

RESERVE APPARATUS AND LOCATION

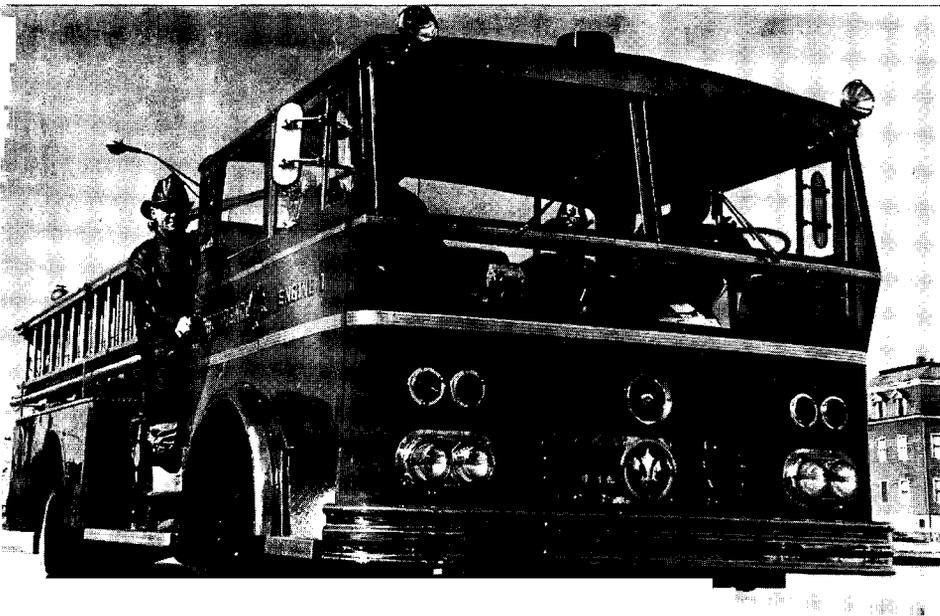
Reserve Engine No.	2	At Engine Co. 2	1925
Reserve Engine No.	3	At Engine Co. 3	1927
Reserve Engine No.	4	At Engine Co. 4	1927
Reserve Engine No.	5	At Engine Co. 5	1927
Reserve Engine No.	6*	At Engine Co. 6	1942
Reserve Engine No.	12	At Engine Co. 12	1926
Reserve Engine No.	14	At Engine Co. 14	1927
Reserve Engine No.	17	At Engine Co. 17	1927
Reserve Engine No.	19	At Engine Co. 19	1953
Reserve Engine No.	20	At Engine Co. 20	1953
Reserve #1		At Division of Training	1925
Reserve #2		At Division of Training	1925
Reserve #1		At Repair Shop	1924

* New motor installed 1953

Reserve Ladder #3	At Engine Co. 5	1929
Reserve Ladder #4	At Ladder Co. 4	1950
Reserve Ladder #6	At Engine Co. 18	1927
Reserve Ladder #8*	At Engine Co. 19	1937

* New tractor - 1947

Reserve Rescue #1	At Rescue Co. 3	1962
Reserve Rescue #2	At Ladder Co. 3	1957
Reserve Foam Wagon	At Engine Co. 18	1952
Reserve Battalion Chief Sedan	At Repair Shop	1960



Updating Apparatus

DISTRICT CHIEFS

BATTALION CHIEFS "A" PLATOON



GEORGE H. NOWELL



JAMES T. KILLILEA



JOHN L. ROONEY



JOHN E. SULLIVAN

BATTALION CHIEFS "B" PLATOON



GUIDO NUTINI



CARL F. FLIEGNER



VINCENT T. REARDON



JOHN T. McLAUGHLIN

BATTALION CHIEFS "C" PLATOON



EDWIN A. FAY



JAMES F. COLEMAN, Jr.



SYLVESTER F. SHEA



WALTER F. HANNAWAY

PERSONNEL

Total Department membership as of December 31, 1964 - 490

Appointments.....14
Retirements..... 9
Resignations..... 2
Promotions..... 5
Transfers.....54
Commendations.....25
Reprimands..... 2
Deaths..... 3

SUPERIOR OFFICERS

Lewis A. Marshall, Chief of Department

BATTALION CHIEFS

John E. Butler	Guido Nutini
James F. Coleman, Jr.	Edmond F. Marname
Edwin A. Fay	John T. McLaughlin
Carl F. Fliegner	Vincent T. Reardon
Walter F. Hannaway	John L. Rooney
James T. Killilea	Sylvester F. Shea
George H. Nowell	John E. Sullivan

James A. Cusick, Superintendent - Automotive Repair Shop

Henry vanWestendorp, Superintendent - Fire Alarm Telegraph

Batt. Chief Michael Sabatino, Superintendent - Building Repairs

Raymond A. Kilduff, Assistant Superintendent - Automotive Repairs

Batt. Chief Alfred J. Mello, Ass't Superintendent - Fire Alarm

William R. McVey, Radio Engineer - Fire Alarm

PERSONNEL

Capt. Lawrence A. Bouchard
Capt. Arthur Brodeur
Capt. James C. Byrne
Capt. George R. Carlson
Capt. Joseph A. Carr
Capt. Elliot M. Durfee
Capt. Richard B. J. Farmer
Capt. John J. Falvey
Capt. Charles J. Gilchrist
Capt. George A. Gray
Capt. Donald P. Hackett
Capt. William P. Kanaczet
Capt. William F. Kelly
Capt. Thomas M. Kennedy
Capt. Richard H. Lyons

Capt. Robert D. Walsh

Capt. Joseph J. Mainey
Capt. John J. Mohan
Capt. Clarence B. McCormick
Capt. John E. McDonald
Capt. John F. McDonald, Jr.
Capt. John F. McDermott, Jr.
Capt. John B. McGarry
Capt. John F. McGwinn, Jr.
Capt. Robert M. Murray
Capt. Edward T. O'Keefe
Capt. James W. Robertson
Capt. Robert A. Sullivan
Capt. Leonard E. Sweeney
Capt. James J. Sylvia
Capt. George B. Vieweg

Lieut. Russell H. Backman
Lieut. Eugene C. Balcom
Lieut. Howard W. R. Bucklin
Lieut. James G. Cahill
Lieut. Richard J. Casey
Lieut. Arthur J. Choiniere
Lieut. Frederick C. Clancy
Lieut. Charles A. Cornell, Jr.
Lieut. John J. Creamer
Lieut. Thomas H. Cronin
Lieut. Richard E. Crossman
Lieut. Frank J. Day
Lieut. Leo T. Deuso, Sr.
Lieut. Edward T. Downing
Lieut. Robert N. Drummond
Lieut. William P. Gardner
Lieut. Gastano F. Gaudioso
Lieut. Donald E. Gibson
Lieut. Eugene F. Gilchrist
Lieut. George C. Griffin
Lieut. Henry A. Grzych
Lieut. Joseph B. Healey
Lieut. Thomas M. Horiagon
Lieut. Joseph R. Hull
Lieut. Francis X. Jarvis
Lieut. Raymond T. King
Lieut. John Lamanna
Lieut. Alfred F. Leach

Lieut. Frank E. Lopes
Lieut. George H. Lowe, Jr.
Lieut. William J. Lynch
Lieut. James E. Maher
Lieut. James J. McAllister
Lieut. John F. McDermott
Lieut. Owen P. McGurn
Lieut. Mathew McKeon
Lieut. Joseph H. Mitchell
Lieut. Joseph V. Morro
Lieut. John J. Mullen
Lieut. Austin T. Nagle
Lieut. Edward F. Nagle
Lieut. Charles W. Oatley, Jr.
Lieut. William H. O'Connell
Lieut. John J. O'Haire, Jr.
Lieut. John F. Oliver
Lieut. Emanuel E. Patrone
Lieut. Ettore Patrone
Lieut. Eugene S. Patrone
Lieut. Bartholomew E. Quigley
Lieut. Alfred J. Reall
Lieut. Richard Rebello
Lieut. James J. Roche
Lieut. Walter R. Sheridan
Lieut. James H. Wall
Lieut. Bernard J. Waters
Lieut. Robert V. Weakley

FIRE PREVENTION BUREAU



FIRE PREVENTION BUREAU PERSONNEL
Battalion Chief John E. Butler, In Charge

Arson Investigation



Gasoline Tank Inspection



From: John E. Butler, Battalion Chief, Bureau of Fire Prevention.

To: The Chief of Department

Subject: Annual Report - 1964.

Sir:

I hereby submit for your consideration the following report of the Bureau of Fire Prevention for the year ending December 31, 1964.

I am pleased to report that the efforts of the Providence Fire Department in the realm of Fire Prevention has once again received national recognition. In January of 1964, the National Fire Protection Association rated our fire safety program as the best of all cities in our population group, and second of all cities, regardless of population, in the entire United States and Canada.

In April 1964, the National Chamber of Commerce, in Washington, D.C. rated our efforts as fourth in the entire nation. We were very pleased to attend the ceremonies in Washington, D. C. wherein the City of Providence was the recipient of this award. I feel certain it was the cooperative effort of the entire membership of the Department, and the citizens of Providence along with the personnel of this Bureau that played the most important role in bringing these honors to the City of Providence.

The Fire Safety Committee of the Greater Providence Chamber of Commerce continues to be a bulwark of strength in the formulation and expansion of our fire prevention programs. This committee, working on a year-round basis, has been instrumental in enlisting the additional support of the Junior Chamber of Commerce and many other civic groups, as well as sponsoring an industrial forum. The funds granted us by this committee have enabled us to purchase some new films on fire safety in addition to most of the literature used during the year in conjunction with our various fire prevention programs.

The field of general public education was enhanced by a new outdoor billboard which, in its simplicity, brings home an impressive message relative to fire safety. New innovations in the presentation of many of our fire prevention programs, were introduced; and all media of contact with the general public utilized. Our give-away programs on television and radio, the family fire forum and the industrial seminar, highlighted this years effort in this field.

Fire prevention in the schools, under the supervision of Inspector Warren Kirk, afforded us our greatest opportunity to enlighten the

youngsters in the all important subject of fire safety. This program is considered to be one of the finest in the nation, and is being adopted in many cities in the United States and Canada. Our Junior Fire Department program, is the recipient of an annual grant of twenty five hundred dollars from the Sears Roebuck Foundation, which enables us to purchase the necessary materials to maintain this particular program in a manner commensurate with the entire school program. We are continuing our lectures, demonstrations and film presentations, for the higher grades, and also our "Pic A Pix" program with its incentive awards. This program is now considered a "must" by the students of our junior and senior high schools. The willingness of our Chief, and the Commissioner of Public Safety, along with the members of the Fire Safety Committee, to participate in these programs has greatly advanced the importance of fire prevention, with the students and teachers alike. We extend our sincere thanks to the entire school department for their timely assistance in developing our school programs.

Our In-Service Inspection program, conducted on a year-round basis by the fire department personnel, combined with the intensive inspection program of this Bureau, constitutes one of the most important and basic aspects of our over-all operation. The inspection of all types of occupancy, other than dwellings, not only brings about the removal, reduction and correction of many fire hazards but affords the firefighting personnel an opportunity of becoming more familiar with the structure and its contents. The real value and effectiveness of this program to the property owner is reflected in our low per capita fire loss as compared to the National average. The supervision and inspection of our dangerous chemicals and flammable liquids come under the jurisdiction of Lieutenant Joseph B. Healey of this Bureau. In addition to the inspection of the existing and proposed installations throughout the city, he has conducted a special program of testing all flammable liquid tanks which have been in service for fifteen years or more. The entire membership of the department is to be congratulated for the efficient and effective manner in which these inspections have been conducted.

Our home inspection program was conducted during Clean-Up Week and Fire Prevention Week by the firefighting personnel of the department. These semi-annual visits to the home, coupled with the special rubbish collections by the sanitation and highway divisions, brought about the removal of great quantities of rubbish and obsolete furnishings from the homes. The value of this type of inspection cannot be over emphasized. We are indebted to the home owners and tenants for their excellent cooperation and to the sanitation and highway division whose efforts enabled us to carry-out these very successful programs.

Our pre-fourth of July yard inspections were very fruitful in reducing the number of bonfires, by the removal of accumulated combustible materials. The Christmas season brought about an extensive program by the Bureau of checking all stores and warehouses relative to the removal of accumulated combustibles, and the elimination of potential fire hazards.

Our Clean-Up Week campaign was formulated with the cooperation of the Clean-Up Committee of the Greater Providence Chamber of Commerce. A kick-off luncheon was the first of a series of events which made this years program an outstanding one. Our parade featured a "Miss Clean-Up", and included fire apparatus and equipment of the sanitation division of the Public Works Department. Floats by various settlement groups proved to be an interesting added attraction. The civic and professional groups participated in a city wide caravan which brought the message of Clean-Up to all areas of the city. We utilized all media possible including outdoor advertising by posters, both on billboards and "Tippy McCanns" and various displays. We salute all our good friends of press, radio and television for the excellent coverage afforded us during this campaign. The efforts of the Junior Chamber of Commerce were another highlight that motivated the merchants in the downtown area to become active participants in this endeavor.

The Fire Safety Committee of the Greater Providence Chamber of Commerce under the direction of its chairman, Mr. Paul Johnson, together with Chief Lewis A. Marshall and members of the Bureau outlined a strenuous program for this year. The reading of the Fire Prevention Week Proclamation by the Honorable Walter H. Reynolds, Mayor, of the City of Providence, at the kick-off luncheon put this year's Fire Prevention Week operation in motion. Our "Miss Fire Prevention" proved to be a feature attraction at all the functions held during the week which consisted of luncheons, parades, motorcades, radio talks and television appearances. "Ye Old Firebarn Harmonizer's" although a year older, were in good voice and well received on all occasions. In addition to the distribution of thousands of pieces of literature by the members of the Department during their home inspections, many thousands of pieces were distributed with the assistance of various banks, department stores and service stations throughout the city. The Standish Johnson Company is to be congratulated for their fine new poster which they displayed on several of their billboards. The members of the Bureau set up displays and exhibits in theatres, hospitals, hotels, banks, department stores and other public buildings to enlighten the general public as to the value of Fire Prevention. The members of the press, radio and television joined ranks and highlighted our efforts with excellent news coverage, slogans and give-away programs. Their efforts enabled us to reach a large segment of

the entire state and neighboring Massachusetts, with our Fire Prevention message. The Bureau presented demonstrations, lectures and films to civic, fraternal, industrial and mercantile groups. Instructions in the use of "First-Aid" firefighting equipment was given in hospitals and to all segments of business and industry.

The National honors received by the Department during the past year were due primarily to the cooperation afforded the Bureau, by the entire membership of the Department, and the staunch support of the Fire Safety Committee of the Greater Providence Chamber of Commerce. The civic groups and the representatives of the press, radio and television, as well as the members in various departments of city government, are to be commended for a job well done. Kindly accept my sincere thanks and appreciation for your contribution to our efforts.

The following is a complete report of the activities of the Bureau of Fire Prevention for the year ending December 31, 1964.

INVESTIGATION

Complaints corrected.....	938
Complaints unjustified.....	41
Buildings razed.....	119
Building repaired.....	61
Referred to Health Department.....	5
Referred to Building Director.....	140
Referred to Electrical Inspector.....	14
Request of occupants.....	118
Defective chimney - smoke pipe and heating plant.....	27
Fire escapes - panic bolts etc.....	47
Obstructed exits.....	95
Open exposures.....	300
Burning rubbish.....	378
Rubbish conditions corrected.....	398

FIRES

Fires investigated.....	1531
Suspicious fires.....	42
Referred to Juvenile Division.....	17
Fire losses investigated.....	465
Court cases.....	5

PLACES OF PUBLIC ASSEMBLY

Bingoos.....	194
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Exhibitions.....	15
Carnivals.....	6

INSPECTIONS

Original inspections.....	2568
Re-inspections.....	1069
Theaters.....	99
Convalescent homes.....	32
Nursing homes.....	39
Homes for children.....	109
Hospitals.....	63
Schools.....	292
Orphanages.....	4
Storage of vehicles.....	89
Gasoline applications.....	41
Gasoline tanks.....	119
Storage of fuel oil-bulk.....	13
Dangerous chemical applications.....	137
Fire escapes.....	92

DEMONSTRATIONS

Demonstrations.....	81
Attendance at demonstrations.....	27,710
Moving picture showings.....	111
Attendance - moving pictures.....	24,790
Lecture - talk.....	94
Lecture - attendance at.....	27,205
Conferences attended.....	21
Radio broadcast.....	73
Television Broadcast.....	44
Fire drills conducted.....	203
Tape recordings made.....	41

MISCELLANEOUS

No smoking signs issued.....	620
Photographs taken.....	2,540
Extra hours worked.....	436
Pamphlets distributed.....	115,000
Books distributed.....	16,100
Posters distributed.....	3,500
Public displays set up.....	30

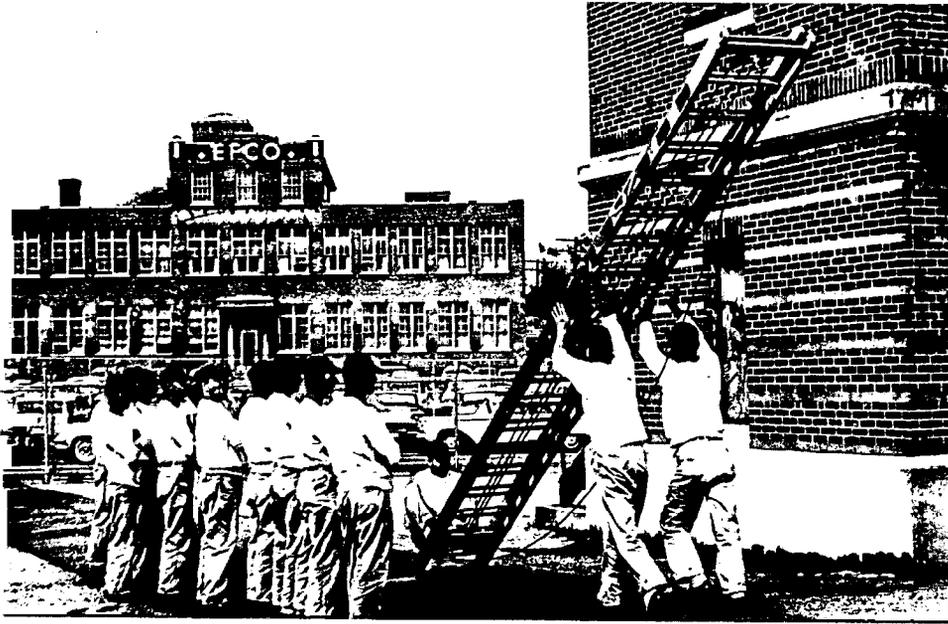
Respectfully submitted,

John E. Butler

DIVISION OF TRAINING

Battalion Chief
Edmond F. Marnane

Trainees in Class



Ladder Drill for Trainees

Permanent Appointments
to Department



From: Batt. Chief Edmond F. Marnane, Director, Division of Training

To: The Chief of Department.

Subject: Annual Report.

Sir:

The twenty third (23) Class of Trainees consisting of fifteen (15) men were in the Advanced Training stage as the year 1964 activities commenced.

These fifteen (15) Trainees were sworn in as permanent members of the department effective as of February 4, 1964 at 8:00 A.M.

On January 8, 1964, a survey was completed and a report was submitted dealing with the Canister Type of Protective Breathing Equipment.

On January 15, 1964, the Custodian assigned to this Division severed his association with the Department.

Rooster of Department members capable of conducting Radiological Surveys were submitted to the Director of Civil Defense.

Megaphone, A Motorola Power Voice Megaphone has been received by this Division and has proved of great value in the Transmission of Drill Yard Communications.

Flutter Valves, The flutter valves in the face pieces of the Surviv-Air Mask were all replaced during the month of January. The entire inventory was updated on Monday January 27, 1964

AIR Station - During the months of January and February, the staff of this Division worked with the staff of the new Air Station and Battalion Chief John T. McLaughlin, in the setting up and activating of this new Fire Department Unit, Whereby all Parts and Equipment for Self Contained Breathing Apparatus including Air Supply were centralized for efficiency. All Parts and Equipment formerly in the custody of the Division of Training were turned over to the custody of the new Air Supply Station.

The membership of the Division was in attendance at a meeting of the Civil Defense Authority held at the Rhode Island College of Education on Monday, February 3, 1964.

Pumps -- Twelve (12) Cellar Drain Pumps, Electrically Powered and requested by this Division were delivered to the Branch Avenue Station on Friday February 7, 1964. These Pumps have proven of great value in the satisfying of Emergency requests.

Fire Chief's Handbook - A new revised Fire Chief's Handbook has been received by the Division and all Units of the Service have been supplied with the New Issue. The issue that was in use has been recalled.

Survey Meters for Radiological Monitoring that were delivered to Civil Defense Headquarters on November 14, 1963 for needed repair, were received by this Division on February 18, 1964. These meters were immediately placed in Unit Custody.

RULE BOOK, New Rule Books have been placed in the custody of ALL MEMBERS of the department and - ALL OFFICERS of the Department have been briefed as to the contents of the Book, The Officers were detailed to the Division on Department Time, and the entire period of briefing covered a time of twelve (12) hours. This period of activity was terminated on March 31, 1964.

The members of the Department below the Rank of Lieutenant were to be instructed in the contents of the Rule Book by the duly assigned Officers of the Department. These instructions were to be given in the Company Quarters and to cover such period of time as to completely peruse the new Rule Book.

Roof Leak - reported through channels on February 21, 1964 has not been repaired as of the submission of this report.

Decals - Signifying Radiation Monitoring Station were received by this Division from Local Civil Defense Headquarters. These Decals have been placed in a conspicuous position at all Fire Department Monitoring Depots.

New Custodian, A new custodian was assigned to this Division as of Monday, March 30, 1964.

Wedges - Wooden Wedges for the temporary control of ruptured Sprinkler Heads have been received by this Division and all Chiefs of Battalion and all Ladder company Units are now supplied with these wedges.

Drill Schedule - General Order # 21, delivered April 14, 1964, scheduled the assembly of Units for Training in the use of Heavy Duty Solid Fire Streams and Water Fog application. The schedule specified the assembly for the Drill Yard located at Dexter Street. BUT * due to the Water Spray and conflict with Business Establishments in the immediate vicinity of the Drill Yard, the scheduled Drills had to be moved to an area not in conflict with the Business establishments in the area.

This condition is increasing and to overcome the antagonism of the Business Establishments in the area and not to confine the Drill Activities and Training Programs of this Department, it would be well to look about for a more suitable area for a Fire Department Drill Area and Training Compound.

The close-out for the acceptance of applicants to the 24th Training School was completed as of NOON, Friday May 1, 1964.

A competitive examination was held at Central High School for applicants to the 24th Training School on Monday, May 25, 1964.

Order of Finish - The list for the order of Finish for the competitors of the 24th Training School was submitted on Monday June 1, 1964.

Physical Examination, these were given at this Division by the Departmental Surgeons for prospective Trainees on Tuesday June 23, 1964.

Adaptability Test were conducted at this Division, by Mister Charles A. Devine on July 2, July 6, July 7 and July 8, 1964.

License - A By Product License, for the use, possession and storage of Radioactive Materials was received by the Director of this Division in July of 1964.

Hurricane Warning - The members of this Division was in attendance at a Seminar held in The Providence Journal Auditorium. This Seminar was conducted by the staff of the United States Weather Bureau whereby Hurricane Warning Procedure was explained, this meeting was held on Thursday July 16, 1964.

Radiation Disaster Recovery - The Director of this Division attended a two (2) day seminar on recovery procedure. This seminar was conducted by the US Navy using Construction Battalion Personnel as Instructors. This seminar was conducted on Saturday, July 18, and Sunday July 19, 1964, at the Cranston, Rhode Island, U.S. Marine Corp Installation.

Trainee School number 24 formed at 7:45 A.M. Monday August 17, 1964; with a complement of 12 men, for Basic Training.

On Wednesday August 19, 1964, the Director of Training met with an investigator for the Office of Civil Defense, Washington, D.C.

Emergency Service was performed by this Division on Wednesday, August 26, 1964, whereby this Division used two (2) Pumps for a continuous period of 16½ hours, in order to restore the full functions of the Elmwood Post Office, which had been isolated due to flood conditions.

Pump and Hose Test - All PUMPS in the department were tested in accordance with the National Board of Fire Underwriters Standards, between August 31, 1964 and September 19, 1964.

A total of 30 pumps were tested for serviceability.

Twenty seven (27) Pumps met the requirements.

Three Pumps failed to meet the requirements, the failure was noted after repeated attempts to secure serviceability.

All the Hose was tested during this period, herein is listed the results.

	The lengths are in fifty (50) foot sections.		
	1½ inch hose	2½ inch hose	3 inch hose
Serviceable	574	737	365
Burst	3	40	6
Pourous	5	10	25
Bad Couplings	1	6	2

Total Hose Lengths 583 797 398 1778

The above work was performed by the Division and the man power was delivered by the members of the 24th Training School.

A Course in Radiation Protective Procedures for members of the Police Department in cases of Nuclear Incidents was given to all Officers of The Providence Police Department. The sessions were held at the Police Academy and the course was conducted by the Director of the Fire Department Division of Training and assisted by the Captain of the Fire Department Training Unit. The dates of the sessions were September 22, September 23, September 24 and September 25. It has been considered to familiarize the entire membership of the Police Department with Radiation Procedures whenever the Two Training Divisions can coincide their schedule.

Demonstration - A seminar was held at the Newport Naval Fire Fighting School at which several methods and devices relating to Fire Control and extinguishment were displayed by actual execution.

The members of the staff and the entire Trainee Group attended this demonstration on Tuesday October 6, 1964.

Fire Prevention - A demonstration of Fire Extinguishment was at the Brown and Sharpe complex on Thursday October 8, 1964. The staff and members of the 24th Training School took active part in the demonstration.

Radiological Equipment in use in the department was brought to the Division Headquarters and the Trainees were given a course in the use of the devices.

At this time all Radiological Equipment in custody of the Fire Department was checked for usefulness and operability. Upon the completion of the course, all equipment was returned to custody of the units and five (5) meters were delivered to the Local Civil Defense Headquarters, for needed repairs on Monday October 26, 1964.

Advanced Training - On Monday November 16, 1964, the twenty fourth (24) Training School began advanced training, whereby all members of the Training Unit were detailed to active Units of the Fire Department.

Promotional School - On Tuesday November 24th 1964 an announcement of a Private's Promotional School was circulated throughout the department, to which ten (10) Privates will be competitively selected for Promotion.

The date of qualification being December 31st 1964 at twelve (12) o'clock midnight.

The total applications submitted were 120.

Teaching Aide - A new Opaque Viewer has been received at this Division and it is hoped that this viewer will be of great value in the field of class room instruction sessions.

Monitoring devices in use for Civil Defense activities which were in need of repair were received on Wednesday, December 30, 1964. These meters were immediately returned to the custody of the Monitoring Units.

Records - The records of the Personnel of the department have been kept in force - whereby all information has been recorded on the files of the membership of the department.

Forms - Stencils were cut and Forms were printed as required or requested by the departments needs.

Library - The use of the Training Manuals in the custody of this Division has been on the increase, and consideration is being given to the requesting of additional material for use in the Library.

Drill Area - Consideration should be given to the relocation of the drill area.

Respectfully submitted

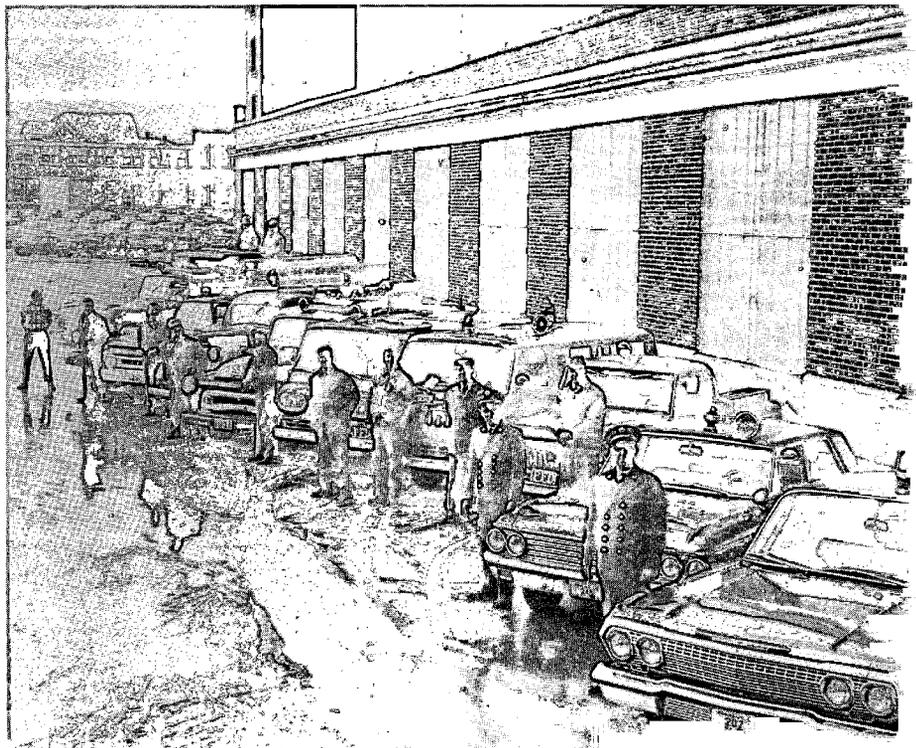
Batt. Chief

Edmond F. McGuane
Director of Training.

FIRE ALARM

Superintendent
Henry VanWestendorp

Fire Alarm Staff



From: Henry van Westendorp, Superintendent of Fire Alarm.

To: The Chief of Department

Subject: Annual Report - 1964.

Sir:

As in the past, this Division has made the maintenance of the Fire Alarm system its first obligation and this work has been carried on in a workmanlike manner always keeping in mind that the proper operation of the system is in direct line with the safety of the citizens of the city and with the protection of their property. We believe that as far as was possible, this Division maintained an efficient operation so that the dispatch of apparatus to fires was done with the utmost dispatch. When it is considered that within the Fire Alarm System, there is more than 1400 miles of electrical conductors in addition to all of the apparatus connected to these lines, the magnitude of the operation becomes more evident.

The following is an inventory of the Fire Alarm Boxes connected to the existing system and defines the types of connections made to these boxes.

	Total	Aerial Connection	Underground Connection.
Fire Alarm Boxes	979	605	374
City Owned	675	414	261
Privately Owned	304	191	113

This represents the following changes that have been made during the past year.

	Total	Public	Private
Boxes Removed from Service	3		3
New Boxes Installed	25	10	15

It is interesting to note that all of the Privately Owned Fire Alarm Boxes that were installed within the city during the past year were of the Master Box Type. This type of box, together with the auxilliary system connected to it on the properties protected, automatically transmits an alarm of fire to Fire Alarm Headquarters as soon as a fire occurs, eliminating the possibility of human error which has proven to be so very costly at certain times. During the past several years, it is apparent that a number of business men are becoming more and more "fire concious" and are installing this type of equipment to better protect their properties. A comparison of reports for the past several years will show to what extent this practice has taken hold of the conscience of responsible business men, who are willing to go to some expense to keep their fire losses to a minimum. At the present time, there are in service within the City of Providence a total of 193 Master Type Fire Alarm Boxes.

It should also be mentioned that a considerable amount of work has been placed on this Division with the reconstruction of Highways and the Redevelopment Projects in process within the city. This had meant the relocation of a considerable amount of the equipment under the care of this office. A number of Fire Alarm Boxes have had to be relocated and a number of the lines connecting to these boxes have also had to be transplanted.

In connection with the construction of Freeways through the city, I would like to recommend that some thought be given to the complete lack of Fire and Police Signal systems on these roads as well as a lack of emergency telephones for the use of the general public in the event of an emergency. As these conditions stand at this time, there is a considerable chance of an emergency of major proportions taking place on one of these roads and there being a complete lack of communications until some vehicle of either the Fire or Police Departments arrived on the scene. I would recommend that some thought be given to the installation of Fire Alarm, Police Signal and Emergency Telephone Boxes being installed along these roads at an incidence of not more than 1000 foot intervals.

In my opinion, I believe that it is highly advisable to install Hydrant Markers along these roads so that it will be possible for apparatus dispatched to fires to be able to find the most available hydrant to the scene of the fire. It is to be remembered that in a good many cases, apparatus dispatched to fires on the freeways will be a long way from their own hydrant area and so will be unfamiliar with the locations of this facility in the area where they will be called upon to work.

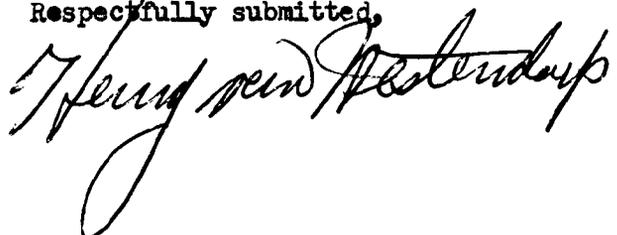
The maintenance of the Police Signal System is also one of the functions of the Fire Alarm Division and this work has been done as in the past. We are still in the process of replacing all of the old Police Call Boxes and if the present method of replacing them at the rate of about 20 boxes per year continues, they will all be of a modern type in the next 2 years. It is hoped that this replacement will continue.

The Fire Department Radio Network also is a part of this Division and this operating has been most gratifying to the Department at large. It has been of great value in saving time and unnecessary running of the various pieces of apparatus and it has also eliminated the possibility of mistakes as much as possible. At the present time we have a number of sets of Two Way equipment which is up to 13 years old and as the normal replacement of this type of equipment is on a 10 year basis, it can be seen that we should start to replace a number of these sets as soon as possible. I believe that it is due only to our policy of preventative maintenance that we have been able to keep all of our equipment operating for this long a period.

It goes without saying that there have been a number of improvements in radio equipment since we first started purchasing our sets and we have tried to keep up with the times in our purchases. At the present time, there are on order and to be delivered with new cars and apparatus, 6 new radio sets of the latest type. These sets are of the so called "Private Line" type and when this type of equipment is realized to its fullest degree, we will completely eliminate interference from other stations and cars that are now proving to be an annoyance to our operation. Some of the sets which are now owned by us are of a type that can easily be converted to this type of operation but it can be seen that the general replacement of the older equipment should be set up as a project so that it can be completed within the next few years.

As in the past, this Division has had the maintenance of all of the electrical equipment within the Police and Fire Departments and it has also been within our province to make minor changes in the electrical installation in the various stations. This work has been satisfactory.

Respectfully submitted,



BUREAU OF OPERATIONAL CONTROL



From: Henry van Westendorp, Superintendent of Fire Alarm.

To: The Chief of Department.

Subject: Annual Report - Bureau of Operational Control. - 1964

Sir:

As the principal duty of the Bureau of Operational Control is the accurate interpretation of emergency calls of a variety of natures and the dispatching of the proper apparatus to all of these calls, this has again been the first duty of this Bureau.

In addition to this dispatching, the personnel of the Bureau must make accurate tests of a great number of circuits and instruments and keep records that will conform to the requirements of the National Bureau of Fire Underwriters so that the city may be able to get all of the insurance credits that are available to it.

The receipt of tests from members of the Fire Alarm Division, Private testing agencies and insurance testing personnel are a matter that must be done accurately as all of these tests are subject to review for a number of years after they have been made and recorded. All of this work has been done in a satisfactory manner during the past year.

There is a general increase in the receipt of alarms of all categories excepting one and this seems to be the general condition for the entire country. The only decrease has been in the number of alarms received from the private protection company in the city. I do not know what the reason for this decrease is.

The following is a detailed breakdown of all of the various types of alarms received during the past year and compared with the previous year.

	Box Alarms	Still Boxes	Still Alarms	R.I.E.P. Alarms	Rescue Lockouts. Calls
1964	1502	1150	2502	30	9668 904
1963	1317	1055	2380	58	8883 784

As can be seen, there has been a general increase in all classes of alarms and the increase in the number of Rescue Calls would seem to indicate that either one of the two following suggestions should be adopted.

Either try to reduce the number of calls by tighter restrictions to the types of calls that we would respond to or to add one more Rescue Company to the Department compliment.

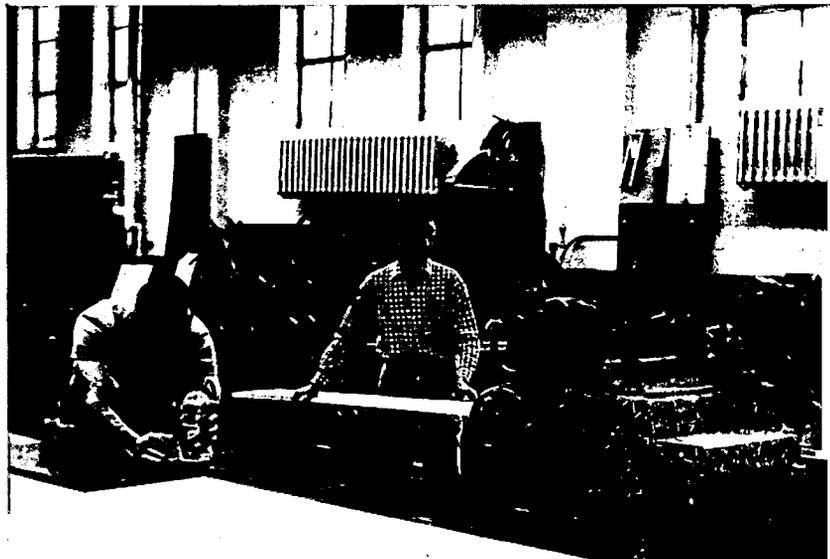
Another of the duties of the Bureau of Operational Control is the operation of the interdepartmental Telephone Switchboard. This board handles a great number of calls each day in the routine traffic within the Fire and Police Departments and this operation has been handled in a satisfactory manner. It might be stated at this time that the telephone switchboard now in service at Fire Alarm Headquarters which handles all of these calls is reaching the physical state where it will have to be replaced within the next few years and this possibility should be given consideration when the next years budget is set up.

Respectfully submitted,



BUILDING MAINTENANCE AND REPAIRS

Maintenance



From: Michael Sabatino, Battalion Chief of Building Repairs

To: The Chief of Department.

Subject: Annual Report - 1964

Sir:

I hereby submit the operational report of the Department of Building Maintenance and Repairs for the year 1964.

This department is responsible for the maintenance, repairs and furnishings of all Police and Fire Department Buildings throughout the City of Providence. During 1964 there has been a considerable amount of repairing, redecorating and renovating accomplished with the cooperation of the men of this department. The following is a brief summary of this work.

Painting was done at the following Fire Stations: Broad Street, Brook Street, North Main Street, Branch Avenue, Admiral Street, Allens Avenue, Point Street, Hartford Avenue, Humbolt Avenue, the New Carpenter Shop, the Police Academy and the Traffic Garage.

A new oil-fired hot-water heater was installed at the Repair Shop. Two new fuel oil tanks were installed at the Traffic Garage on Weybosset Street. Twenty-two Sloan Valves were rebuilt and installed. Numerous Trane Valves and Air Valves were replaced at various stations. The Condensate Pump was rebuilt at the Atwells Avenue and the Admiral Street Stations. All boilers were cleaned, oil burners were adjusted and Fusol was added to all fuel tanks. Seven thermostatically controlled valves were rebuilt and installed. Many urinals were repaired, many traps were cleaned and numerous faucet washers were replaced throughout the city during the past year. Underground steam pipes were repaired at the Rochambeau Avenue Station. Three water closets were installed at Headquarters. A new gasoline tank was installed at the Mount Pleasant Avenue Station. Numerous boiler leaks and water leaks were repaired at various stations. Twenty-four pole enclosures were made and installed. A new tarpaulin drying rack was built and installed at the Admiral Street Fire Station. All overhead doors were oiled and greased. Four cell gates were welded at the Cell Room, Headquarters. Eight metal office desks were repaired and repainted. Eighteen door closures were repaired. Sixty-five lites of glass were installed at various stations. Ten "hot-water cans" were soldered and repaired. Others were condemned and replaced.

The Police Traffic Garage was moved from Sabin Street to Weybosset Street. The hoist for greasing was dismantled and car stops were installed at the Traffic Garage. The heating system at the Traffic Garage was overhauled and put in running condition. At the Hartford Avenue, Messer Street and Allens Avenue Stations the buildings

were re-painted, waterproofed and new roofs were applied. At the Admiral Street and Broad Street Stations the buildings were also re-painted and waterproofed.

In order to direct both operations, the Department of Building Repairs and The Carpenter Shop, efficiently and effectively, the quarters occupied by the Carpenter Shop on Manton Avenue were vacated and moved to Chad Brown Street, to the unoccupied quarters of the old cell block adjoining the Department of Building Repairs. A considerable amount of renovating was necessary to make this building adaptable for the New Carpenter Shop. Two walls were torn down. One to make both sections of the building accesible to each other and one to install an overhead door to facilitate ladder repair work. The entire area was cleaned and painted. A new cement floor was installed. The room was completely rewired and a kitchen was installed. We then moved the equipment and furnishings of the Carpenter Shop to Chad Brown Street and began setting up shop. Soon we had a clean efficient shop and the following work has been accomplished since:

Remodeling of Chief Marshall's Office.
Painting and stenciling of 225 collapsible police horses made by this department.
100 Dog License poster boards.
Repaired four wooden desks.
Applied formica to four desks at headquarters.
Applied asphalt tile to hallways of the Fire Alarm Building.
Six new plaster poles were made.
Fourteen window screens were repaired.
Six screen doors were repaired.
Sixty-five axes were sharpened.
Four typewriter tables were covered with formica.
Twelve sets of casters were replaced.
Ten swivel chairs were rebuilt and repainted.
Sixteen typewriter tables were made.
Twenty-four clip boards.
Two gas mask boxes.
Twenty map frames.
One exterior door for Atwells Avenue.
Three screen doors were made and installed.
Eighty-seven picture frames with glass.
Fifty "riot-sticks".
Fifty "night Sticks".
Six gate valve boxes.
Six wheat light boxes.
Two blackboards and frames.
Eight hand light boxes.
Eighty-five hydrant standard markers were made, painted and assembled.
Eight creepers were repaired and painted.
One hundred and sixty ladderstraps.

One hundred sprinkler head plugs.
2,890 Ft. of Ladders were sanded and varnished.
All plaster poles and wooden boxes were sanded and varnished.
All broken ladders and step ladders repaired 345 Ft.
Forty Windsor Chairs repaired and refinished for various stations.
Fourteen Baker Play Pipe holders.
Line for six life preservers.
Four boxes for Scott Air Packs.
Four boxes for Survive Air Masks.
One collapsible hurdle for K-9 corp.
Two eight foot step ladders.
One seven foot step ladder.
Partition for Vocal Alarm Desk at the Branch Avenue Station.
Rope was replaced on 2,240 Ft. of ladders.
A new cabinet was built for the Police Academy.
Two podiums were made.
New compartment for Rescue No. 1.
New handles were applied to the following:

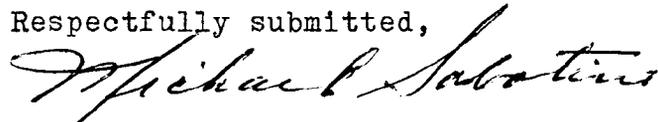
Six hammers
Four picks
Fourteen shovels
Fourteen pullover rakes
Eleven squeegees
Twelve floor brushes
Two sledge hammers
Forty-seven axes

This department also supplies all Police and Fire Stations with supplies for cleaning, deodorizing and disinfecting of toilet bowl and urinals. We also supply padlocks for gas tanks, and paint brushes and paint, for the painting of hydrant markers.

All lawns were top-dressed, fertilized and reseeded, including the Police Pistol Range in Scituate. All lawn equipment is maintained and distributed by this department. Mattresses, lockers, and new, desk swival desk chairs are distributed by this department.

During Fire Prevention Week we render considerable assistance to the Fire Prevention Bureau. We are also called upon to hang banners for various charitable organizations throughout the year and also to install Christmas Decorations at the entrance to City Hall and remove same.

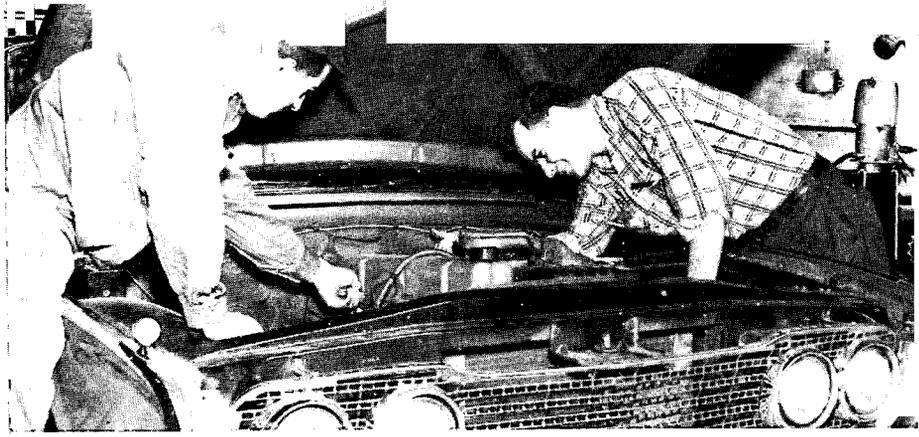
Respectfully submitted,



Michael Sabatino
Battalion Chief of Building Repairs

AUTOMOTIVE REPAIRS

Tuning-up Apparatus



From: James A. Cusick, Superintendent Automotive Repairs.

To: The Chief of Department

Subject: Annual Report - 1964

Sir: I hereby submit for your consideration and approval the report of operations of the Automotive Repair and Maintenance Division for the year ending December 31, 1964.

This Division as in the past is responsible for the repair and maintenance of all mobile units in the Department, consisting of 84 vehicles as follows, 18 first line Pumpers, 13 Reserve Pumpers, 8 Steel Hydraulic Ladders, 3 Reserve Aerial Ladders, 1 City Service Ladder, 2 Tenders, 1 Salvage, 3 Rescue Companies, 2 Reserve Rescues. The balance of units are lighter trucks and cars assigned to various divisions and Chief Officers. A 7 day, 24 hour daily schedule is maintained for this operation. Our roster consists of 1 Supt., 1 Asst. Supt., 4 privates, 5 Civilian mechanics, 1 Clerk and 1 Custodian. We also maintain and repair portable emergency units such as pumps, generators, etc. Also the service and repair in our machine shop of damaged and worn fire fighting equipment. Minor body repairs, painting, welding and brazing are accomplished by our staff.

Our attendance is maintained at all multiple alarm fires and other emergencies as well as at all Pumping Service Tests and acceptance tests of new pumping equipment.

During the past year we received and placed in service a new Rescue Unit for Rescue #3. After less than three days of service, due to an accident, the cab and chassis of this unit were completely demolished. A new 1 ton panel truck of the same basic model was purchased and modified by our mechanics, using all removable units of the wrecked Rescue Unit. All usable mechanical parts were removed and stocked for use on like units. At the present time the new unit is ninety percent completed and will soon be place in service as Rescue #3.

The following is a summary of work completed during the past year.

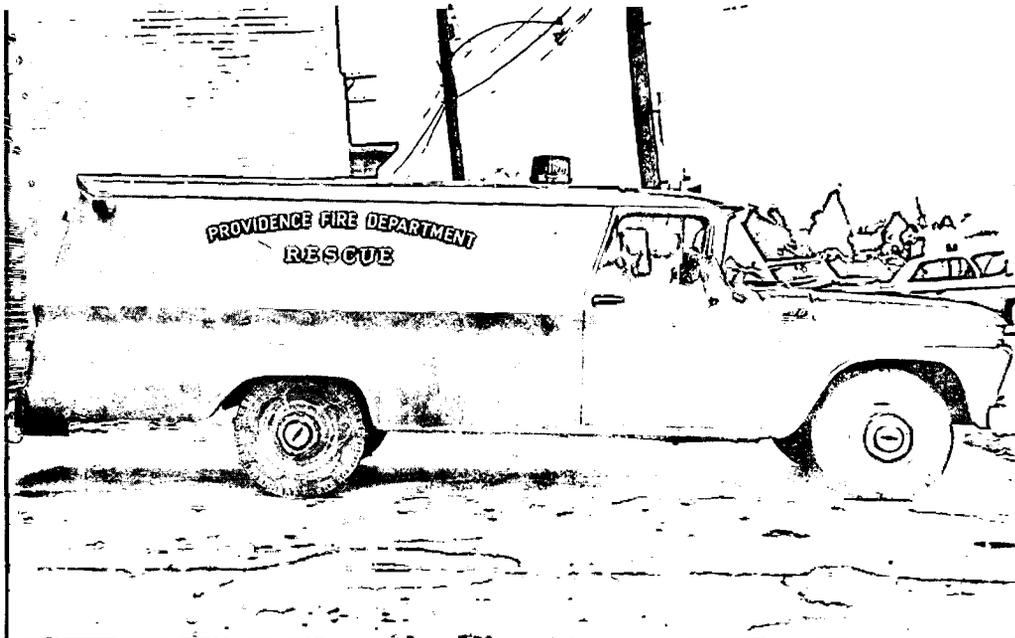
Engines overhauled	6	Transmissions rebuilt	4
Brakes relined	10	Clutches installed	6
Fire pumps	8	Inspections	40
Oil changes	460	Battery changes	750
Lubrications	400	Minor repairs	2500

Respectfully submitted,


Superintendent Automotive Repairs

RESCUE

Rescue Responding



From: Richard E. Crossman, Lieutenant, Rescue Co. #1.

To: The Chief of Department.

Subject: Annual Report - 1964.

Sir:

The following is a breakdown of activities for Rescue Co. #1 for the year ending December 31, 1964.

Box alarms.....	137	Floodlights used.....	8
Still box alarms.....	98	Refrigerator leaks.....	1
Still alarms.....	3134	Ammonia leaks.....	2
Special Signals.....	33	Gas leaks.....	5
First Aid Rendered.....	633	Boat used.....	2
E & J machine used.....	119	Smoke ejector used.....	6
D. O. A.....	148	Fume ejector used (fan).....	14
Ambulance (orderly).....	350	Electric saw used.....	1
Ambulance (Doctor).....	279	Kwik Kut used.....	1
Transported (Rescue).....	1866	Scot air paks used.....	3
Auto accidents.....	344	Porta power used.....	1
Maternity cases.....	45	Drownings.....	1
Refused aid.....	241	Cave-ins.....	1
Generac used.....	9	Oxygen "K" cyls. used.....	23*
Elevator accidents.....	9	Hours of drill.....	
Gasoline used.....	2386 Gals.		
Total service time.....	1139 hrs. 37 min.		

*Includes oxygen issued to Rescue Co. 2 and Rescue Co. 3.

Respectfully submitted,

Richard E. Crossman
Lieutenant

From: James E. Mahoney, Private, Rescue Co. #2.
Manuel Sylvia, Private, Rescue Co. #3.

To: The Chief of Department.

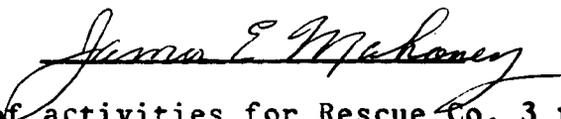
Subject: Annual Report - 1964.

Sir:

The following is a breakdown of activities for Rescue Co. 2 for year ending December 31, 1964.

Box alarms.....	222	Maternity cases.....	109
Still box alarms.....	89	People transported.....	2618
Still alarms.....	4074	Oxygen cylinders used.....	88
2nd. alarms.....	5	Generators used.....	1
3rd. alarms.....	1	Lights--500.....	2
First aid rendered.....	3071	Ammonia leaks.....	2
E. & J. machines used....	145	Drownings.....	0
Revivals.....	144	Boat used.....	2
Fatals.....	1	Auto accidents.....	374
Refrigerator leaks.....	3	Smoke ejectors used.....	1
Elevator accidents.....	9	Hours of drill.....	72
Hangings.....	1	Hours of instructions.....	45
1st. aid rendered at sta.	43	Extra hours of duty..	141hrs. 2 min.
Out of service..	1612 hrs. 59 mi.	Total runs.....	4391

Respectfully submitted,



The following is a breakdown of activities for Rescue Co. 3 for year ending December 31, 1964.

Box alarms.....	115	Auto accidents.....	286
Still box alarms.....	66	Elevator accidents.....	5
Still alarms.....	2318	Cave-ins.....	1
Special signals.....	19	Maternity cases.....	25
2nd. alarms.....	3	Oxygen cylinders used.....	73
3rd. alarms.....	3	Extra hr. of duty...	53hrs. 57 mi.
E. & J. machine used....	179	Generator used.....	13
Revivals.....	126	Lights--500.....	20
Fatals.....	53	Smoke ejector used.....	4
Refrigerator leaks.....	9	Hours of drill.....	79
First aid rendered.....	1518	Hours of instruction.....	14
Transportation.....	1378	Boat used.....	10
Alarms out of city..	3hrs. 6mi.	Multiple alarm.....	18hrs. 57 mi.
Total time out of service..	898 hrs. 39 mi.		

Respectfully submitted,



From: James G. Sylvia, Captain, Engine Co. No. 5

To: The Chief of Department

Subject: Annual Report -- Air Supply Station

Sir: This is the first Annual Report of the functions of the Air Supply Station quartered at Engine Company No. 5, which officially opened on February 14, 1964 (General Order No. 11, Series 1964).

At the direction of Chief of Department, Lewis A. Marshall, the Air Supply Station was set-up by Battalion Chief, John T. McLaughlin. The main functions of the Air Supply Station are to repair and maintain all self-contained breathing apparatus in the Fire Department and charge all air tanks and dry-powder extinguishers. With the addition of twenty-six Surviv-Air Masks to the fifty-six Scott Air Paks already in use, the need for this station is obvious. Not only is it more economical to the city, but the rapid "back-in-service" replacement of tanks from stock and the immediate recharging of empties assures the Department of a full quota of units at all times. This is true on repairs to the units as well as in the recharging of dry-powder extinguishers.

All officers and men of the company have been trained by a factory representative in the maintenance, repair, and overhaul of these units. This, combined with the experience we are gaining in trouble-shooting and repairing both types of breathing apparatus, coupled with our great capacity for recharging tanks, and our large inventory of replacement parts, makes this operation one of the finest in the country for Fire Departments.

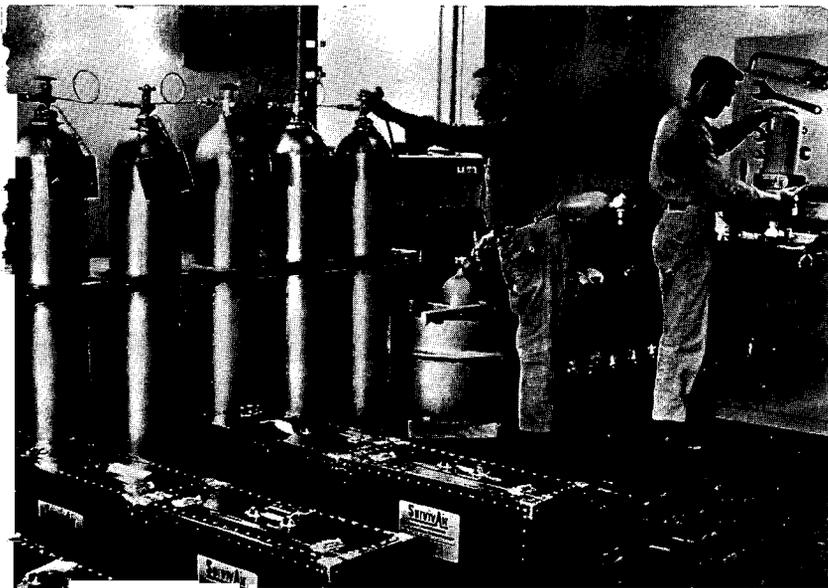
In addition to these services, the Surviv-Air Voice Paks are charged when necessary, which is approximately every six months. Dry powder and cartridges

for dry-powder extinguishers are dispensed by the Air Supply Station. It is significant to mention that the breathing air used to fill these tanks is tested periodically for purity by the State Department of Health and up to the present time tests of the air for the contamination of carbon monoxide, hydrogen sulphide, and sulfur dioxide were all reported as "Zero." A fireman using an air mask can be assured of breathing the purest of air.

In the eleven-month period in which the Air Supply Station has been in operation, the following services have been provided:

1. Scott Air Tanks filled.....283.
2. Surviv-Air Tanks filled.....114.
3. Special Fire Alarm Tanks filled.....2.
4. Dry-Powder Extinguishers filled....15.
5. Repairs to Units.....86.

I would like to take this opportunity to thank the following for their interest, cooperation, and assistance: Chief of Department, Lewis A. Marshall and Battalion Chief, John T. McLaughlin, at Headquarters; Battalion Chief, Edmond F. Marnane and Captain John J. Falvey, of the Division of Training; the Officers and Members of Engine Company No. 5.



Respectfully submitted,

James G. Sylvia
James G. Sylvia, Captain
Engine Company No. 5

Charging Air Tanks

From: James W. Robertson, Captain, Ladder Co. No. 3

To: The Chief of Department.

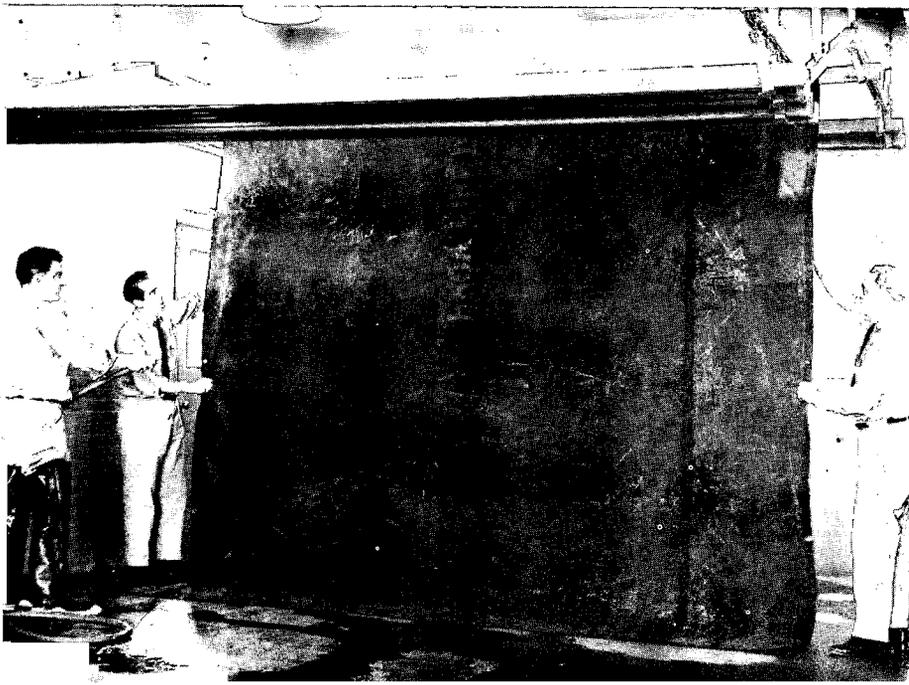
Subject: Salvage Covers (Annual Report)

Sir: Since February 1964, the Salvage Station formerly housed at Engine Co. No. 9 or Point Street, was transferred to the Admiral Street Station for better facilities in handling and cleaning of salvage covers. Each cover, when used by a company, has to be cleaned, dried, patched (if necessary) re-folded and returned to its original company. In most cases, this station loans covers to stations while their covers are being cleaned and repaired.

The following is a breakdown of Salvage Covers handled by this station for the year ending December 31, 1964.

Covers in stock to be loaned.....	33
Covers loaned to companies.....	280
Covers cleaned.....	352
Covers patched.....	63
Patches used, (3" x 4" or better).....	242

Due to all Ladder Companies and Tender Companies carrying salvage covers, the need for keeping more than 33 covers in stock for loan purposes is not necessary, because of the short time used in returning the covers to their respective stations.



Respectfully submitted,

James W. Robertson

Captain

Cover Maintenance

From: Richard Rebello; Lieutenant, Engine Co. No. 9

To: The Chief of Department

Subject: Salvage Company Operations for the year 1964.

Sir: The following is a report of the operations of Salvage Co. #1 for the year ended December 31, 1964:

Emergency Details	1
Still Alarms	3
Special Signals	6
Total	<u>10</u>
Salvage Covers Thrown	100
Salvage Covers Repaired	none
Salvage Covers Cleaned	33
Emergency Pumping Operations	8 hrs. 14 mins.
Time out of service (other than pumping)	12 hrs. 01 min.
Total time out of service	20 hrs. 15 mins.

The increased use of Salvage Covers by Ladder Companies and the greater use of Homelite and Deming Electric submersible cellar drainer by units so equipped, also the establishment on February 28, 1964 of the Salvage Cover Station at the Admiral St. Station, has resulted in a decrease in activities of this Unit from past years.

Respectfully submitted,



Lieutenant

Last Alarm

ACTIVE MEMBERS

Captain Francis A. Shea	Engine Co. 19	May 16
Private Edouard F. Theriault	Ladder Co. 9	June 17
Private Manuel Enos	Ladder Co. 4	September 29

RETIRED MEMBERS

Allen C. MacVicar	January 5
Lenford C. Gormley	January 18
Harry R. Crocker	February 7
George A. Hagerty	April 15
James A. Crowley	April 24
John J. Moran	May 3
Stephen G. Lawton	June 29
John F. Murray, Jr.	July 30
John P. Leonard	September 2
William H. Gardner	October 4
Arthur C. Gould	November 10
Patrick J. Sweeney	November 24
Walter G. McGuire	December 7
William D. Bourke	December 11
Mitchell Woodbine	December 21
James Holland	December 25

