



1973

Annual Report

PORTLAND FIRE DEPARTMENT



MEMBERS OF THE CITY COUNCIL

Edward I. Bernstein
Mayor
At Large

J. Donald MacWilliams
At Large

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District 3

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District 1

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District 6

Portland City Manager

John E. Menario

Corporation Counsel

Robert W. Donovan

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John J. McDonough
Chairman

Arthur T. Forrestall

Arthur M. Waterman

Harold E. Richardson

John M. Ney

Fire Department Chaplains

Rev. Harold A. McElwain
Episcopal

Rabbi Harry Z. Sky
Jewish

Rev. John L. Sullivan
Catholic

Capt. Donald Klemanski
Salvation Army

Mr. John Menario
City Manager
Portland, Maine

Dear Sir:

Submitted herewith is the Annual Report of the Portland Fire Department for the year ending December 31, 1973. The report contains complete statistical information relative to the activities of this department during the past year.

The total number of alarms received increased from 4503 in 1972 to 5459 in 1973. False alarms increased also from 549 to 813. Five (5) persons were killed by fire and thirty (30) were injured. The latter figure includes 28 firemen who received workmen's compensation.

Fire losses increased 12% to \$541,175.00, reflecting a per capita loss increase from \$7.42 in 1972 to \$8.31 in 1973. The 1973 National Per Capita Loss is estimated at \$15.00.

Fires of suspicious and incendiary origin increased from 90 in 1972 to 136 in 1973 and remain a serious problem for the department.

Our remarkable record on fires during the Christmas Season continues. We have completed our 16th consecutive year without any fires which could be attributed to Christmas trees or decorations.

In 1973 thirty-two (32) new employees were added to the department. Due to 16 retirements, 5 resignations, and the addition of 12 men required for the reduction of hours, we ended the year with a shortage of 5 men.

The new Fire Crash Station at the Portland Jetport was completed and opened in the Spring.

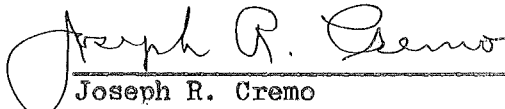
The Insurance Services Office Survey results for insurance classification of the City were released and the City retained its very high Class Two Rating.

Again, as in the past, we have had the full cooperation of the local newspapers, radio and television stations, the Chamber of Commerce, local merchants, and insurance people.

To the Members of the City Council, to you, the City Manager, your staff, and the municipal departments, I express my sincere appreciation for the interest taken in this Department and for the support I have received.

I am pleased to commend to you the officers and men of this Department for their loyalty and devotion to duty, and for the respect that they have shown to me at all times.

Respectfully,


Joseph R. Cremo
Chief of Fire Department

ANNUAL REPORT
of the
PORTLAND FIRE DEPARTMENT

From: January 1, 1973 to December 31, 1973, inclusive

To: The Honorable City Council of Portland

Gentlemen:

In compliance with the requirements of the City Ordinances, I herewith submit my Ninth Annual Report:

Total Estimated Fire Loss \$ 541,175.00

Compared to 1972 loss - increase of \$ 58,165.00

Percentage Increase 12%

There were 29 multiple alarm fires during the year, consisting of: 24 - 2-Alarm, and 5 - 3-Alarm.

Number of Fires with loss of \$1000 or over 58

Fire loss from these fires \$ 520,700.00

Percentage of total loss 96.2%

Losses and Insurance

	<u>Valuation</u>	<u>Insurance</u>	<u>Loss</u>
Buildings	\$ 13,682,500.00	\$ 12,127,900.00	\$ 375,665.00
Contents	<u>1,660,000.00</u>	<u>1,596,662.00</u>	<u>165,510.00</u>
	\$ 15,342,500.00	\$ 13,724,562.00	\$ 541,175.00

Percentage of loss to total value of property involved 3.5%

Number of Fires with losses of \$1000. or more

1954 - 18	1964 - 43
1955 - 20	1965 - 32
1956 - 22	1966 - 23
1957 - 23	1967 - 37
1958 - 29	1968 - 34
1959 - 22	1969 - 43
1960 - 24	1970 - 45
1961 - 24	1971 - 47
1962 - 24	1972 - 51
1963 - 32	1973 - 58

Consolidated Yearly Report

Classification of Alarms

Telephone or Still	3881
Telephone Transmitted as Bell (Desk Box)	530
Bell (Street Box)	1012
A. D. T.	<u>36</u>
Total Alarms	5459

Fires

In Buildings (Actual)	Confined to Floor 134) Confined to Building 57) Extending to Adj. Bldg. 4)	195
In Buildings (No Loss)		400
Brush, Grass, Leaves, Rubbish		1081
Dump Fires		77
Woods Fires		86
Vehicles in the Street		172
Boats		2
Misc. Fires Outside		<u>115</u>
Total Fires		2128

Calls Other Than Fires

Rescue or Emergency	846
False Alarms	813
No Fire or Needless	1618
Automatic Sprinkler--No Fire	<u>48</u>
Total Calls Other Than Fires	3325
Total Alarms in the City	5453

OUT-OF-CITY CALLS

	6
Total Alarms	5459

Consolidated Yearly Report

Direct Fire Loss

Fire Loss (Estimated Figure)	\$ 541,175.00
Persons killed by fire	5
Persons injured by fire	30

Fire Loss Index Figures

Fires per 1000 Population	2.995
Fires per \$1,000,000 Bldg. Valuation	.885
Fire loss per capita	\$ 8.31
Fire loss per \$1,000,000 Total Tax Valuation	\$ 1504.52
Average Fire Loss per Building Fire	\$ 2775.26

Number of Fires by Size of Loss (Buildings and Contents)

Over \$15,000	7
\$5,000 to \$15,000	15
\$1,000 to \$5,000	30
\$100 to \$1,000	53
Less than \$100	90
No Loss	400

Inspections & Investigations

Investigation of Complaints	541
Total Fire Prevention Inspections	21,502
Violations Found	485
Notices Issued	459
Follow-up Inspections of Violations	632
Total Fires Investigated:	145
Determined Accidental	0
Determined Incendiary	123
Determined Suspicious	9
Undetermined Origin	13

Use of Equipment at Fires

Feet of 1-inch hose (booster) used	193,250
Feet of 1½-inch hose used	103,800
Feet of 2½-inch hose used	125,450
Feet of 3-inch hose used	52,570
Feet of ladders used	13,944
Salvage covers spread	144

Consolidated Yearly Report

<u>Causes of Fires in Buildings</u>	<u>No. of Fires</u>	<u>Loss Est. Figures</u>	<u>% of Total Loss</u>
1. Chimneys--Soot Burning	6		
2. Defective or Overheated Chimneys	14	18,500.00	.0342
3. Sparks on Wooden Shingle Roofs	-		
4. Sparks on Other Roofing	-		
5. Defective Heaters	3		
6. Rubbish Near Heaters	1	35.00	.0001
7. Combustibles Near Heaters	3		
8. Open Lights, Flames	5	2,950.00	.0055
9. Hot Ashes	2	100.00	.0001
10. Oil Burners	50	1,435.00	.0027
11. Starting Fires w/Kerosene or Gasoline	-		
12. Careless Smoking	62	65,470.00	.1210
13. Children with Matches	72	2,045.00	.0038
14. Other Careless Use of Matches	2	405.00	.0007
15. Defective Electric Wiring	75	142,405.00	.2631
16. Electric Motors and Appliances	41	4,670.00	.0086
17. Home Dry Cleaning	-		
18. Other Use of Flammable Liquids	2	10,000.00	.0185
19. Lamps and Stoves	28	3,790.00	.0070
20. Gas and Appliances	9	12,000.00	.0222
21. Grease on Stoves	30	470.00	.0009
22. Spontaneous Combustion	9	115,295.00	.2130
23. Fireworks	-		
24. Lighting-Rodded Buildings	-		
25. Lighting-Not Rodded	3	1,550.00	.0029
26. Thawing Pipes	1		
27. Sparks from Machinery	1	25.00	.0001
28. Incendiary	127	103,435.00	.1911
29. Misc. Known Causes	16	35,890.00	.0663
30. Suspicious	9	7,025.00	.0129
31. Unknown	24	13,680.00	.0253
Total Buildings	595	\$ 541,175.00	

Consolidated Yearly Report

Inspections, Fires & Losses by Occupancies

Inspections

Fires

Estimated Losses

Occupancy of Building

Public Buildings

Government Buildings	35	1	
Hospitals & Institutions	54	18	350.00
Schools	276	14	7,175.00
Churches	78	3	50.00
Amusement Buildings	2424	-	

Dwelling Occupancies

Hotels	195	14	4,675.00
Lodging Houses	92	7	355.00
Apartments	938	147	108,290.00
Dwellings	9166	232	124,360.00
Stores and Dwellings	156	13	18,720.00

Mercantiles

Office Buildings	253	7	6,000.00
Small Retail Stores	547	12	1,895.00
Restaurants	513	11	500.00
Large Single Occupancy	279	2	50.00
Multiple Occupancy	141	5	90,600.00
Wholesale Houses	55	-	
Storage Warehouses	106	18	129,525.00

Manufacturing

Textile, Fabric Workers	17	-	
Metal Workers	76	-	
Wood Workers	24	1	1,500.00
Food Workers	38	2	150.00
Chemical Products	21	-	
Flammable liquids & gases	311	-	
Multiple Occupancy	24	-	
Misc. Manufacturing	27	-	

Miscellaneous Buildings

Lumber Yards	47	2	5,100.00
Railroad, Wharf Property	87	1	
Bulk Oil Storage	34	-	
Public Garages & Filling Stations	235	4	1,550.00
Private Garages	93	12	8,850.00
Misc. Structures	1551	69	31,480.00

Additional Inspections

Automatic Fire Alarms	3460
Sprinkler System	149

Totals	21,502	595	\$ 541,175.00
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Consolidated Yearly Report

How All Fires Were Controlled

Out before arrival of apparatus	467
By occupants (with extinguisher, hose lines, etc.	13
Automatic sprinkler controlled fire	-
Automatic sprinkler held fire in check	-

By Fire Department using:

Brooms and shovels	192
Pump Cans (Indian Runners)	243
Foam extinguishers	-
CO ² or Dry Chemicals	77
Other type extinguishers	6
1 - inch chemical or booster line	839
One 1½-inch hose line	124
Two or more 1½-inch hose lines	55
One 2½-inch hose line	22
Two or more 2½-inch hose lines	22
Hydrant & Pump	68
Total Fires	<u>2128</u>

How All Fires Were Controlled (Monthly Breakdown)

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>	<u>Total</u>
Out before arrival of apparatus	22	24	36	53	24	29	30	29	40	79	61	40	467
By occupants with extgr., etc.	-	-	2	-	-	2	1	-	-	4	1	3	13
Automatic Sprinkler controlled	-	-	-	-	-	-	-	-	-	-	-	-	-
Automatic sprinkler held fire in check	-	-	-	-	-	-	-	-	-	-	-	-	-
By Fire Department using:													
Brooms and shovels	1	6	53	71	10	2	-	1	3	11	29	5	192
Pump Cans (Indian Runners)	1	-	28	67	11	10	9	6	14	33	56	8	243
CO ² or Dry Chemical	8	7	6	6	3	5	5	10	6	6	7	8	77
Other type extinguishers	2	-	-	-	-	-	-	4	-	-	-	-	6
1-inch chemical or booster line	17	22	69	134	50	37	84	73	77	127	105	44	839
One 1½-inch hose line	4	3	7	19	6	7	5	5	9	24	18	17	124
Two or more 1½-inch hose lines	5	9	11	11	2	-	5	2	4	5	1	-	55
One 2½-inch hose line	4	2	1	-	2	1	3	3	-	1	5	-	22
Two or more 2½-inch hose lines	-	2	1	2	2	-	3	3	5	1	3	-	22
Hydrant & pump	<u>4</u>	<u>5</u>	<u>2</u>	<u>2</u>	<u>7</u>	<u>5</u>	<u>8</u>	<u>7</u>	<u>6</u>	<u>10</u>	<u>6</u>	<u>6</u>	<u>68</u>
Total Fires	68	80	216	365	117	98	153	143	164	301	292	131	2128

Bells and Stills, Hours of Duty
Material used at Fires

	<u>Bell Alarms Answered</u>	<u>Still Alarms Answered</u>	<u>Total Alarms Answered</u>	<u>Hours Duty Bells</u>	<u>Hours Duty Stills</u>	<u>Total Hours Duty</u>
Engine Co. #1	680	390	1070	276:51	333:51	610:42
#3	257	441	698	168:55	291:49	460:44
#4	470	750	1220	190:32	278:49	469:21
#5	803	740	1543	283:47	264:19	548:06
#6	443	377	820	220:03	355:21	575:24
#7	31	216	247	12:41	189:08	201:49
#8	133	294	427	79:24	297:23	376:47
#9	175	290	465	116:48	206:46	323:34
#11	137	589	726	127:40	719:16	846:56
#12	21	0	21	8:20	00	8:20
#12A	20	21	41	7:19	10:35	17:54
Rescue Co. #1	1046	632	1678	343:00	182:44	525:44
Ladder Co. #1	840	578	1418	254:30	185:56	440:26
#3	263	402	665	171:00	193:53	364:53
#4	134	223	357	78:25	117:24	195:49
#6	476	477	953	198:10	180:52	379:02
Crash Station	0	24	24	00	9:52	9:52

	<u>Hose Laid Feet</u>	<u>Hose Wet Feet</u>	<u>Engine Pumped Hours</u>	<u>Booster Used Hours</u>	<u>Ladders Set Feet</u>	<u>Salvage Covers Spread</u>
Engine Co. #1	23,250	21,800	106:25	15:10	28	-
#3	31,800	31,800	114:11	17:40	76	-
#4	54,700	54,550	99:11	-	76	-
#5	70,350	70,350	113:12	36:49	148	4
#6	42,900	42,900	197:32	16:32	172	8
#7	350	350	:45	-	-	-
#8	20,600	19,250	117:53	7:14	102	2
#9	17,700	17,700	90:58	24:37	14	-
#11	33,650	33,650	259:43	17:42	118	4
#12	-	-	-	-	-	-
#12A	500	500	-	5:57	-	-
Rescue Co. #1	-	-	-	-	-	10
Ladder Co. #1	-	-	-	1:35	6,365	38
#3	100	100	-	:55	3,517	45
#4	-	-	-	1:50	985	23
#6	600	600	-	13:15	6,409	47
Crash Station	-	-	-	:35	-	-
	<u>296,500</u>	<u>293,550</u>	<u>1099:50</u>	<u>159:51</u>	<u>18,010</u>	<u>181</u>

Materials used at Fires (continued)

	<u>CO²</u> <u>Used</u> <u>Lbs.</u>	<u>Miles</u> <u>Traveled</u>	<u>Oxygen</u> <u>Used</u> <u>Tanks</u>	<u>Foam</u> <u>Used</u> <u>Gals.</u>	<u>Dry</u> <u>Chemicals</u> <u>Used-Lbs.</u>
Engine Co. #1	105	1209.1	-1/2	-	-
#3	50	1530.0	-	15	-
#4	370	1973.0	-	-	10
#5	172	2065.5	-	17-1/2	-
#6	60	1445.0	8	-	15
#7	-	*1314.5	1	-	-
#8	65	989.7	-	15	-
#9	90	1412.7	-	-	-
#11	61	1856.5	-	-	-
#12	-	38.5	-	-	-
#12A	10	86.5	10-1/4	-	-
Rescue Co. #1	-	3059.1	48	-	-
Ladder Co. #1	68	1967.0	-	-	40
#3	30	1964.0	16	-	40
#4	15	1066.0	14-1/2	-	-
#6	155	1502.0	-	-	60
Crash Station	15	770.0	-	1	-
	<u>1266</u>	<u>24,249.1</u>	<u>98-1/4</u>	<u>48-1/2</u>	<u>165</u>

* Nautical Miles

Public Safety on Peaks Island

The following is a record of police work performed and assistance rendered by the Peaks Island Public Safety Patrol during 1973:

Complaints Handled	160
Emergencies - Fireboat	149
- Casco Bay Boat	9
Transportation of Police (Fireboat)	9
Help or Aid	25
Transporation of Public Health Nurses	54
Miscellaneous	128

	<u>Bell Alarms Street</u>	<u>Bell Alarms Desk</u>	<u>A.D.T. Alarms</u>	<u>Still Alarms</u>	<u>Total Alarms</u>
Jan.	26	38	5	245	314
Feb.	37	26	6	213	282
Mar.	79	51	2	339	471
Apr.	117	52	3	465	637
May	65	36	4	264	369
June	64	37	4	263	368
July	90	58	3	293	444
Aug.	72	47	4	308	431
Sept.	109	45	1	311	466
Oct.	152	59	-	393	604
Nov.	120	40	1	476	637
Dec.	<u>81</u>	<u>41</u>	<u>3</u>	<u>311</u>	<u>436</u>
	1012	530	36	3881	5459

Time Occuring

	<u>12:00 M. to 6:00 A.M.</u>	<u>6:00 A.M. to 12:00 N.</u>	<u>12:00 N. to 6:00 P.M.</u>	<u>6:00 P.M. to 12:00 M.</u>	
Jan.	39	83	103	89	314
Feb.	36	63	84	99	282
Mar.	31	105	176	159	471
Apr.	54	97	265	221	637
May	31	74	116	148	369
June	36	76	118	138	368
July	69	65	124	186	444
Aug.	61	68	123	179	431
Sept.	52	74	133	207	466
Oct.	32	79	198	295	604
Nov.	49	122	240	226	637
Dec.	<u>47</u>	<u>87</u>	<u>145</u>	<u>157</u>	<u>436</u>
	537	993	1825	2104	5459

Monthly Breakdown of Total Alarms

<u>Fires</u>	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>	<u>total</u>
In Buildings (actual)	14	17	15	17	11	18	22	16	17	14	14	20	195
* Multiple Alarms	2	4	4	5	2	1	4	2	-	1	2	2	29
In Buildings (no loss)	22	21	35	40	30	9	33	36	48	58	38	30	400
Brush, Grass, Leaves, Rubbish	3	18	120	213	46	35	65	60	77	191	201	52	1081
Dump Fires	8	6	4	2	7	3	5	10	9	7	12	4	77
Wood Fires	-	-	12	43	2	1	4	1	1	10	12	-	86
Vehicles in Street	13	13	13	21	14	16	14	16	10	10	9	19	172
Boats	-	-	-	-	-	-	1	-	-	-	-	1	2
Misc. Fires Outside	8	5	17	29	7	16	9	4	2	11	6	5	115
	<u>68</u>	<u>80</u>	<u>216</u>	<u>365</u>	<u>117</u>	<u>98</u>	<u>153</u>	<u>143</u>	<u>164</u>	<u>301</u>	<u>292</u>	<u>131</u>	<u>2128</u>
Total Fires													
* Included in Building Fires													
CALLS OTHER THAN FIRE													
Rescue of Emergency	88	72	61	76	74	63	69	75	72	58	69	69	846
False Alarms	36	37	45	61	54	61	69	67	94	112	106	71	813
No Fire or Needless	114	82	137	132	121	142	150	142	135	133	169	161	1618
Automatic Sprinkler--No Fire	6	11	10	3	3	4	3	3	1	-	1	3	48
	<u>244</u>	<u>202</u>	<u>253</u>	<u>272</u>	<u>252</u>	<u>270</u>	<u>291</u>	<u>287</u>	<u>302</u>	<u>303</u>	<u>345</u>	<u>304</u>	<u>3325</u>
Total Calls Other Than Fire													
Total Alarms in the City	312	282	469	637	369	368	444	430	466	604	637	435	5453
OUT-OF-CITY-CALLS	2	-	2	-	-	-	-	1	-	-	-	1	6
	<u>314</u>	<u>282</u>	<u>471</u>	<u>637</u>	<u>369</u>	<u>368</u>	<u>444</u>	<u>431</u>	<u>466</u>	<u>604</u>	<u>637</u>	<u>436</u>	<u>5459</u>
Total Alarms													

Monthly Breakdown of Losses and Insurance

	<u>Losses</u>		<u>Insurance</u>	
	<u>Buildings</u>	<u>Contents</u>	<u>Buildings</u>	<u>Contents</u>
Jan.	30,000.00	8,615.00	103,000.00	23,000.00
Feb.	51,150.00	20,570.00	252,700.00	93,500.00
Mar.	9,950.00	3,495.00	59,500.00	106,462.00
Apr.	94,825.00	32,945.00	175,500.00	100,000.00
May	33,835.00	15,175.00	191,200.00	91,000.00
June	3,625.00	2,275.00	91,500.00	3,000.00
July	13,690.00	3,320.00	82,000.00	8,000.00
Aug.	17,250.00	7,905.00	2,418,000.00	91,700.00
Sept.	10,375.00	1,920.00	268,000.00	10,000.00
Oct.	64,595.00	51,975.00	1,968,000.00	1,039,000.00
Nov.	27,295.00	9,225.00	6,319,000.00	15,000.00
Dec.	<u>19,075.00</u>	<u>8,090.00</u>	<u>199,500.00</u>	<u>16,000.00</u>
	\$ 375,665.00	\$ 165,510.00	\$ 12,127,900.00	\$ 1,596,662.00

Fatalities

In 2-alarm fire at 116 Danforth St. on Feb. 1, 1973 Mr. Lonnie Holton, age 21, died from burns and asphyxiation.

In plane crash, followed by fire, at Portland Jetport on March 13, 1973, George Phinney, age 48, and David West (pilot) age 27, died.

In 2-alarm fire at 24 Tate St. on Nov. 24, 1973, Loria Ann Alexander, age 13, and Kathy Taylor, age 12, died from asphyxiation.

COMPARATIVE STATEMENT OF LOSS

<u>Year</u>	<u>Alarms</u>	<u>Loss</u>
1934	1292	\$ 349,022.81 - Delete
1935	1235	111,490.63
1936	1280	209,851.52
1937	1228	185,181.18
1938	1098	235,367.76
1939	1316	163,672.42
1940	1271	90,678.67
1941	1809	233,362.89
1942	1533	109,532.79
1943	1711	141,426.09
1944	1707	213,258.74
1945	1470	163,589.28
1946	1745	128,144.76
1947	1941	477,085.65
1948	1523	68,312.27
1949	1410	77,603.58
1950	1695	85,338.98
1951	1277	51,186.95
1952	1688	174,973.52
1953	1822	93,270.21
1954	1469	628,260.00
1955	1660	93,225.00
1956	1493	199,859.00
1957	2017	119,655.00
1958	1481	392,755.00
1959	1746	104,755.00
1960	1877	169,100.00
1961	1904	504,770.00
1962	2105	181,910.00
1963	2395	163,200.00
1964	2762	394,580.00
1965	2976	159,260.00
1966	2747	108,775.00
1967	2832	384,390.00
1968	3528	257,320.00
1969	3443	452,855.00
1970	4236	754,260.00
1971	4016	563,130.00
1972	4503	483,010.00
1973	5459	541,175.00
1974		438,500.00

Portland Fire Department
Maintenance of Apparatus

Chief Joseph R. Cremo
380 Congress Street
Portland, Maine

Sir:

The following is a report on the maintenance of apparatus by the Repair Division of the Portland Fire Department for the year 1973.

The Repair Division is responsible for the maintenance and repair of 50 pieces of motorized equipment, plus an assortment of portable electric generators and pumps located in various stations throughout the City and on the Islands in Casco Bay which come under the jurisdiction of the City.

Two 1973 Chevrolet Crew Cab Pickup Trucks were delivered in June. These "Squad Trucks" were purchased for the purposes of fighting fires in areas inaccessible to our apparatus, such as multiple story parking garages.

A 1973 Plymouth 4-door Sedan was purchased for use by the Fire Chief. This was delivered in July,

A 1973 Plymouth 4-door Station Wagon was purchased for the use by District Chiefs.

A 1973 International 750-Gal. Pumper-Tanker, with 500 GPM pumping capacity, was delivered in December to Engine 12 on Peaks Island to replace a 1948 tank truck of 600 gallons capacity.

Major Repairs in 1973

Engine #3

Replaced broken input shaft on transmission.
Booster tank repaired.
Broken shifting fork repaired in transfer case.

Engine #4

Rear spring replaced.
Replace starter.

Engine #5

Radiator replaced.
Both rear springs replaced.

Engine #6

Relined the brakes.
Replaced blown head gaskets.
Shifting fork for transmission repaired.

Engine #8

Motor overhaul done on the engine.
Radiator removed and repaired.
Drive line keyway on transfer shaft repaired.
Transfer case and gears replaced completely.

Major Repairs in 1973 (con't)

Engine #9

Motor overhauled (broken crankshaft).
Brakes overhauled.

Ladder #1

Rear springs were built up to left rear of truck higher off road level.
Right rear jack and frame were straightened after tailgate of truck struck ground.

Ladder #3

Booster pump was removed, and a new pump was ordered.
Replaced two (2) cylinder heads (rebuilt).
New rod and main bearings were replaced.

Ladder #4

Hydraulic lines and pump to turntable were replaced.
Water pump was overhauled.
Piston rings and bearings were replaced in motor.
Generator was overhauled.

Ladder #6

A complete motor overhaul was done on this engine of the truck with replacement of rings, bearings, pistons and two (2) new heads.
New clutch was installed.
Installed new aerial ladder cable.

Signal Division Truck

New clutch was installed.
Radiator was removed and repaired.

Apparatus in Service

<u>Year</u>	<u>Year of Purchase</u>	<u>Make</u>	<u>Type</u>	<u>No.</u>	<u>Location</u>
1938	1938	Seagrave	500-Gal. Pumper-Triple Comb.	E-12	Peaks Island
1941	1942	Dodge	450-Gal. Tank Truck		Long Island
1941	1943	Chevrolet	400-Gal. Tank Truck		Cliff Island
1942	1942	Chevrolet	300-Gal. Tank Truck		Great Dia. Island
1947	1970 (Conv.)	Mack	Water Foam Tanker 1500-Gal.		Crash Station
1948	1949	Ford	600-Gal. Tank Truck		Repair Div.
1953	1953	Maxim	750-Gal. Pumper-Triple Comb.	E-11	Engine House 11
1953	1961	Amer. LaFrance	Crash Truck	O-10	Crash Station
1954	1954	Amer. LaFrance	750-Gal. Pumper-Triple Comb.	E-9	Engine House 9
1955	1955	Amer. LaFrance	1000-Gal. Pumper-Triple Comb.	E-1	Engine House 1
1957	1957	Seagrave	Ladder-75' Aerial	L-4	Engine House 8
1957	1969	Ward LaFrance	Crash Truck MB-5	CT#1	Crash Station
1957	1970	Marmon-Harrington	Crash Truck MB-5	CT#2	Crash Station
1959	1959		7000-Gal. Fireboat	E-7	State Pier
1960	1960	Amer. LaFrance	750-Gal. Pumper-Triple Comb.	E-6	Bramhall Station
1960	1960	Mack	750-Gal. Pumper-Triple Comb.	E-8	Engine House 8
1960	1960	Seagrave	Ladder-65' Aerial	L-3	Engine House 3
1961	1961	Seagrave	Ladder-100' Aerial, Trac. Drawn	L-6	Bramhall Station
1961	1970	International	Motor Hose Truck w/1 Turret	HP#1	Engine House 11
1962	1962	Howe	1000-Gal. Pumper-Triple Comb.	E-3	Engine House 3
1963	1971	International	Motor Hose Truck w/2 Turrets	HP#2	Engine House 11
1963	1963	Ward LaFrance	1000-Gal. Pumper-Triple Comb.	E-4	Bramhall Station
1965	1965	Ford	500-Gal. Tank Truck	TT#6	Engine 9 Station
1968	1968	Ward LaFrance	1000-Gal. Pumper-Triple Comb.	E-5	Central Station
*1969	1969	G.M.C.	1000-Gal. Pumper-Tanker 500 GPM		Long Island
1970	1970	Chevrolet	1-Ton Panel Step Van	R-1	Central Station
1970	1970	Amer. LaFrance	Aerial Platform-80'	L-1	Central Station
1973	1973	International	750-Gal. Pumper-Tanker 500 GPM	E-12A	Peaks Island

* This is built on a 1957 G. M. C. Chassis.

Apparatus in Reserve

<u>Year</u>	<u>Year of Purchase</u>	<u>Make</u>	<u>Type</u>	<u>No.</u>	<u>Location</u>
1944	1946	Seagrave	Ladder-65' Aerial	(Old) L-4	Engine House 9

Cars-Trucks-Auxiliary Equipment

<u>Year</u>	<u>Year of Purchase</u>	<u>Make</u>	<u>Type</u>	<u>No.</u>	<u>Assignment or Location</u>
1969	1969	Plymouth	2-Door Sedan	Car #6	Signal Division
1970	1970	Ford	4-Door Sedan	" #2	Deputy Chief
1970	1970	Ford	4-Door Station Wagon	" #7	Training Division
1971	1971	Chevelle	4-Door Sedan	" #4	Fire Prevention
1970	1970	Mercury	2-Door Sedan "Sparky Car"		Fire Prevention
1973	1973	Plymouth	4-Door Sedan	" #1	Chief
1973	1973	Plymouth	4-Door Station Wagon	" #3	District Chief
1973	1973	Chevrolet	4-Door Station Wagon	" #5	District Chief

Cars-Trucks-Auxiliary Equipment (continued)

<u>Year</u>	<u>Year of Purchase</u>	<u>Make</u>	<u>Type</u>	<u>No.</u>	<u>Assignment or Location</u>
1967	1972	International	Travell All Vehicle		Engine 9 House
1967	1967	International	1-Ton Pickup Truck	Serv.#2	Engine House 11
1969	1969	Dodge	1-Ton Truck		Signal Div.
1969	1969	Dodge	1/2-Ton Pickup Truck	Serv.#3	Bramhall
1969	1969	Chevrolet	1-Ton Pickup Truck	Serv.#1	Central
1972	1972	International	1/2-Ton Pickup Truck	Serv.#4	Repair Div.
1972	1972	G. M. C.	1/2-Ton Van Wagon	Peaks Pat.	Engine House 12
1973	1973	Chevrolet	Crew Cab Pickup Truck	Squad #1	Central Station
1973	1973	Chevrolet	Crew Cab Pickup Truck	Squad #2	Bramhall Station
1970	1971		High Expansion Foam Generator		Central Station
1941	1941	Darley	500 GPM Trailer Pump		Engine House 3
1942	1958	Maxim	500 GPM Trailer Pump		Engine House 11
1953	1958	Willys	Jeep w/Trailer (225-Gal. Tank)	E-16	Engine House 8
1955	1955	Crestliner	16' Aluminum Boat w/Trailer		Central Station
1969	1969	Ski-Doo	Snowmobile & Trailer		Central Station
1964	1964	Sears & Roebuck	Trailer		Great Dia. Island
	1970		Foam Generator Trailer		Central Station

Vehicles Sold or Scrapped

<u>Year</u>	<u>Year of Purchase</u>	<u>Make</u>	<u>Type</u>	<u>Disposition</u>
1941	1941	Dodge	Motor Hose Truck w/1 Turret (HP #4)	Scrapped
1969	1969	Ford	4-Door Station Wagon (Car #2)	Sold
1970	1970	International	1/2-Ton Panel Truck (Training Div.)	Sold

Major Repairs on the Fireboat "City of Portland"

In 1973 the following new equipment was added or replaced:

- 2 - Life Rings with electric water lights (added).
- 1 - Hale 300 GPM Portable Pump (replaced).
- 1 - Raritan Electric Toilet (replaced).
- 2 - Cold Weather Engine Heaters (replaced).
- 2 - Pair Ear Protectors for noise (added).

It was necessary to replace a cast iron section in the boiler. This was done by the Ballard Oil Company.

During the months of April, May and June the crew chipped and painted entire boat down to the water line.

Annual Haul-out: The fireboat was hauled out on August 1 and was put back into commission on August 11. This annual overhaul included the sandblasting of hull from the lower guard down and painting same 2 coats, including sea chests. The hull fittings were checked through, and the hull fitting on the toilet was replaced with a new shut-off valve. The shafts, propellers and bearings were checked. The starboard cutlass bearing was replaced, and stuffing boxes were repacked.

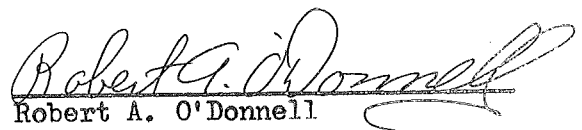
While in the shipyard the crew chipped and painted all bilges on the boat. They removed and punched all tubes in the heat exchangers and oil coolers. They also replaced the steering cable and overhauled all valves in fire loop and risers.

Throughout the year the crew carried on a program of preventive maintenance which included the rebuilding of pumps, the changing of oil and oil filters, plus general maintenance of the boat.

On August 21, because of faulty paint, the boat returned to the shipyard and the hull was repainted. The boat was back in commission on August 24.

On October 29, again for the same reason, the boat was hauled out and repainted, with a representative of the Rust-Oleum Co. supervising. It was back in commission on November 9.

Respectfully submitted


Robert A. O'Donnell
District Chief

Portland Fire Department
Personnel Report

Chief Joseph R. Cremo
380 Congress Street
Portland, Maine

Sir:

The authorized complement of the Fire Department on January 1, 1973 was 251 persons, consisting of the following:

<u>Non-Firefighting Personnel</u>		<u>Authorized Strength</u>	
Administration	6	Firefighting Force	180
Fire Prevention	5	Special Service Companies	23
Signal Division	12	Vacation Coverage	21
Repair Division	2	Non-Firefighting Personnel	27
Civil Defense	2		251
	<u>27</u>		

Appointed Provisional Members of the Department in 1973:

✓ Martin B. Farrington	1/7/73	Louis V. Pirone	9/23/73
✓ Leland M. Hamilton, Jr.	1/7/73	Stephen E. Thibeault	10/1/73
Lannie G. McGahey	1/7/73	✓ Robert C. Clark	10/1/73
✓ Peter E. Kennedy	1/7/73	Charles D. Rose, Jr.	10/1/73
Joseph E. Thomas, Jr.	4/22/73	✓ Bruce J. Micucci	10/1/73
✓ Steven G. Earley	6/10/73	Dean M. Cressey	10/1/73
✓ Willard L. Dennison	6/20/73	Wilfrid W. Gagnon, Jr.	10/1/73
Michael L. McCarthy	7/8/73	Bruce E. Alley	10/1/73
✓ Howard W. Fenderson	9/9/73	David R. Denbow	10/1/73
Robert E. Chute, Jr.	9/9/73	✓ Peter G. Byrant	10/1/73
✓ Larry S. Gray	9/13/73	David A. Stanhope	10/1/73
✓ Anthony J. Salamone	9/9/73	Stephen D. Newcomb	10/1/73
John C. Beatty, Jr.	9/16/73	✓ William P. McGee	10/1/73
Scott B. Macomber	9/16/73	Norman K. Berry	10/3/73

Non-Firefighting Personnel Hired:

Oscar E. Hall	Mechanic	6/18/73
Freeman G. Cleaves, Jr.	Lineman I	7/5/73
Willis R. Downs	Lineman I	8/12/73
Douglass R. O'Donnell	Mechanic	8/26/73

Resignations

Paul W. Brown	Mechanic	5/21/73
Oscar E. Hall	Mechanic	6/27/73
Douglass R. O'Donnell	Mechanic	9/20/73
Howard W. Fenderson	Provisional	9/25/73
Steven G. Earley	Provisional	12/18/73

Members of Fire Department on State Retirement System Pension

	<u>Pensioned</u>		<u>Pensioned</u>
Capt. Eric I. Abrahamson	12/11/68	Capt. Philip J. Leonard	3/30/69
Lieut. Fred A. Adams	5/31/70	Pvt. John J. Manning	2/29/72
*Pvt. Antonio G. Anania	2/1/68	Capt. Byard W. Metcalf	2/3/72
Pvt. William J. Barbrick	1/1/72	Pvt. John Montefusco	10/19/69
*Pvt. Alfred C. Brown	9/7/68	Lieut. Malcolm M. Murray	5/1/67
Philip O. Bruns (Mechanic)	10/1/68	Pvt. John M. Ney, Jr.	3/17/72
Lieut. Richard H. Carson	6/18/72	Captain Martin G. Ney	3/17/72
*Pvt. Edwin E. Curtis	11/22/69	Pvt. John F. Powell, Jr.	9/23/72
Pvt. Edward E. Dennison	1/29/72	*Pvt. John J. Rielly	12/29/62
Lieut. Samuel DiBiase	4/3/72	Capt. Frederick S. Shuman	1/9/72
Pvt. Arthur E. Duncanson	1/5/72	*Lieut. John T. Sloan	8/23/70
*Pvt. Earl W. Elmore	8/23/70	Lieut. William F. Stanhope	6/19/67
Capt. Samuel Gerber	4/30/72	Capt. Eugene P. Temple, Jr.	6/22/67
Pvt. Joseph N. Germani	3/31/72	Lieut. Joseph E. Thomas	1/6/72
*Pvt. Michael J. Greeley, Jr.	10/25/69	Lieut. Charles E. Thomas, Jr.	1/30/72
*Pvt. Wilfred A. Hamilton	12/17/72	Dist. Chief Vernon R. Tucker	8/1/72
Pvt. Raymond A. Henderson	5/19/72	Capt. William J. Wernig	1/17/72
Engr. Raymond S. Herrick	10/19/72	Capt. Clifford H. Winn	2/19/72

Deaths

	<u>Pensioned</u>	<u>Died</u>
Pvt. William J. Conley	6/17/70	1/1/73
Lieut. Vernon P. Libby	8/6/69	1/11/73
Capt. Boyd E. Drake	3/31/72	3/29/73

Retirements:

* Stanley W. Lynch, Jr.	Private	3/18/73
Leo J. Landry	Private	4/1/73
Melvin E. Ireland	Captain	4/21/73
Joseph J. Kane	District Chief	6/22/73
Robert L. Callahan	District Chief	6/22/73
Clarence O. Olsen	Captain	6/22/73
Joseph B. Foley	Lieutenant	6/22/73
Bertrand A. Walker	Lieutenant	6/22/73
Alfred H. Schwabenhausen	Fireboat Engineer	6/22/73
Leslie E. Conley	Private	6/22/73
Thomas A. Herbert, Jr.	Communications System Supervisor	6/22/73
Orlando F. Ferrante	Signal System Lineman II	6/22/73
* John L. Winch, Jr.	Lieutenant	6/30/73
Lavern J. Jerome	Captain	12/15/73
James O. Flaherty	Captain	12/15/73
George S. Howard, Jr.	Lieutenant	12/15/73

* Retired on Disability Pension

Promotions:

✓ Lieutenant Richard L. Barter to Captain	4/22/73
Private Donald K. Murdoch to Lieutenant	4/22/73
Private Robert A. Tibbetts to Lieutenant	4/22/73
✓ Private Henry E. Ryan to Lieutenant	4/22/73
✓ Lieutenant Martin T. Macisso, Jr. to Captain	6/3/73
✓ Private Norman E. Lewis to Lieutenant	6/3/73
✓ Captain James Nitsche to District Chief	6/24/73
✓ Lieutenant Llewellyn C. Smith to Captain	6/24/73
✓ Lieutenant Herbert P. Miller to Captain	6/24/73
✓ Private Vincent P. Colello to Lieutenant	6/24/73
✓ Private Murray F. Roberts, Jr. to Lieutenant	6/24/73
✓ Private Lawrence G. Hasson to Lieutenant	6/24/73
✓ Private Alfred P. Tetreau to Lieutenant	6/24/73
Lineman Samuel N. Allen III to Communications System Supervisor	7/29/73
✓ Private Alton E. Sylvia to Lieutenant	8/19/73
✓ Captain John R. Flaherty to District Chief	9/2/73
✓ Lieutenant Joseph D. Miller to Captain	9/2/73
✓ Private Leigh W. Sellick, Jr. to Lieutenant	9/2/73

Appointed Permanent Members of the Department in 1973:

Thomas A. Valente	1/23/73	Peter Hardison	5/1/73
John G. Corbett	1/23/73	✓ Stephen R. Rourke	5/14/73
James E. Meserve	1/23/73	Michael J. Constantine	5/14/73
✓ David H. Clukey	1/23/73	Laurence D. Boyd	5/14/73
Edward M. Haibon, Jr.	1/30/73	Ronald J. O'Brien	5/14/73
✓ Peter W. Lamb	1/30/73	Wayne R. True	5/21/73
✓ Michael W. Lydon	1/30/73	Patrick R. Viola, Jr.	5/21/73
✓ Carl K. Booth	2/20/73	✓ Gregory K. Whitten	5/21/73
✓ Stephen A. Salamone	2/20/73	✓ Maxelle J. Rea, Jr.	5/28/73
✓ Robert E. Thomson	2/20/73	✓ Steven M. Andrews	5/28/73
Stephen A. Giobbi	2/27/73	Russell E. Woods, Jr.	6/4/73
Bradford N. Martin, II	2/27/73	Gerald S. DiMillo	10/1/73
* Louis H. Lemmings	3/3/73	Wallace C. Garroway, Jr.	10/8/73
Stephen D. Murphy	5/7/73	Philip E. Tinkham	10/15/73
Stephen A. Doyle	5/7/73	Timothy J. Flaherty	10/15/73
✓ Leon A. Hamilton	5/7/73	✓ Robert S. Dewar	10/15/73
Donald W. Davis	5/7/73		

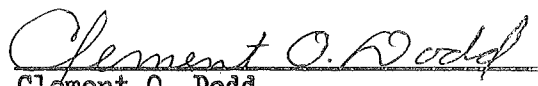
* Transferred from Police Dept.

In April, 1973 one captain and two lieutenant positions were filled from the Department without adding any additional men (Crash Station was opened).

On October 1, 1973 there were 12 new men added to the Department (reduction in hours).

As of December 31, 1973 we had a total personnel of 258, which was 5 short of the authorized personnel.

Respectfully submitted


Clement O. Dodd
Deputy Chief

Portland Fire Department
Fire Prevention Bureau
Inspection

Chief Joseph R. Cremo
380 Congress Street
Portland, Maine

Sir:

The following is a summary of fire prevention inspections made during the year 1973.

Company inspectors and Fire Prevention Bureau inspectors made a total of 21,502 inspections. This includes all categories, namely schools, hotels, hospitals, nursing homes, convalescent homes, boarding homes, childrens' homes (state wards), stores, factories, warehouses, garages, dwellings, apartment houses, lodging houses as well as automatic fire detection and alarm systems and sprinkler systems; it also includes inspections and follow-up inspections for permits, licenses, and referrals that are initiated by other city departments and require fire department participation.


Block inspections were carried on from April 1st to December 1st.

Inspections for the year	21,502
Investigation of complaints	541
Hazardous conditions found	427
Notices issued	459
Follow up inspections	632
Hazards corrected	502

Causes of reinspections in order named:

Flammable liquids
Dilapidated and vacant buildings
Private alarm systems
Electrical defects
Oil burners
Blocked aisles and fire doors
Rubbish in buildings and yards
Defective heating systems
Blocked exits
Incinerators

Respectfully submitted,


Herbert P. Miller
Captain
Fire Prevention Bureau

Portland Fire Department
Fire Prevention Bureau
Fire Prevention Education

Chief Joseph R. Cremo
380 Congress Street
Portland, Maine

Sir:

In 1973 the practice of placing emphasis on youth was continued as it has for many years. Classes were conducted very much the same as in the past and an all-out campaign was waged during Fire Prevention Week, which comes shortly after the opening of the school year. At that time the distribution of supplies to the school children was as follows:

Kindergarten	Junior Fire Marshal	plastic helmets
Grade 1	Junior Fire Marshal	plastic helmets
Grade 2	Junior Fire Marshal	plastic helmets and comic books
Grade 3	Comic books, unbreakable combs and Junior Fire Marshal	magazines
Grade 4	Unbreakable combs, Junior Fire Marshal	magazines and 7 inch rulers
Grade 5	7 inch rulers and ball point pens	
Grade 6	7 inch rulers and ball point pens	

Each one of the give-aways listed above convey a message that is carefully planned to bring the message of fire prevention to the particular age level that receives it. The Junior Fire Marshal magazine has the added advantage of being distributed to these children on two other times of the year - Spring Clean up time and Christmas time.

Grade 6 is also provided with classes throughout the school year by the Lieutenant in the Fire Prevention Bureau, George S. Howard, which brings the problems commonly associated with fire hazards in the home directly before the student under laboratory conditions.

This is exclusive of the specialized kind of program that is, from time to time, requested by teachers involving talks on fire prevention in general, extinguisher demonstrations, mouth-to-mouth resuscitation classes, and sometimes, for the little ones, an informal get-together with a fireman in the class room to tell what the Fire Department is all about.

At certain times of the year emphasis is placed on a particular area and requires more than normal practices. Such times include Spring Clean Up Time, Christmas Seasonal hazards, Halloween and those things that are associated with fire and children.

Our campaigns have been run the same way for many years but we do place particular importance on different areas of the campaign according to the need. The big campaign calls for everything we can think of that will stress Fire Prevention Week. This includes signs, literature distribution, full page black and white newspaper ad, radio and television exposure, literature and give away items that are provided to school children through grade 6. During Fire Prevention Week

the stress is placed on fire drills, exit drills in the home (Operation E.D.I.T.H.) and fire prevention in general. Education classes on fire safety were also carried out at college levels, with classes also given on hospital evacuation at the City Hospital. Personnel from the Bureau also appeared on a local evening radio talk show followed by an appearance on a local TV show. A city wide Fire Prevention Bureau Bike and Football Hunt was also conducted at this time. Newspaper, radio and television stations, as well as with our own efforts, advertised the rules and prizes that were to be awarded. Small fire trucks were marked and hidden at different locations throughout the city, on the evening before the hunt. The local radio stations cooperated greatly by giving out clues on the hour, that were provided to them by this Bureau. The Hunt was a success, with the presentation of the bikes and footballs by Mayor Bernstein and Chief Cremo.

During the Spring Clean Up Campaign the emphasis is placed on cleaning up catch-all areas of the home such as attic and cellar areas with the added feature of extra rubbish collections to cope with unusable appliances, bed, overstuffed chairs and similar very heavy items that are not normally acceptable for the city rubbish collections.

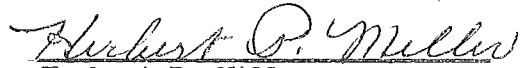
Christmas time on the other hand involves special attention to proper and safe use of live and artificial Christmas trees and decorations and also with the proper storage of merchandise in stores and shopping centers. This too, is a time when we caution people against unsafe electrical equipment.

Because of the energy crisis, the Lieutenant of the Fire Prevention Bureau, V. Marcisso, taped at a local radio station various messages concerning the dangers of storing gasoline in the homes, the use of fireplaces, wood burning stoves and conditions of chimneys.

Special training has been provided to each hospital and nursing home in the locality in the field of hospital evacuation and the use of fire extinguishers.

The Fire Prevention Bureau continues to maintain a film library of some thirty-three films, most of which are made available to any responsible person for showing to groups within the State of Maine. These are loaned without charge.

Respectfully submitted


Herbert P. Miller
Captain
Fire Prevention Bureau

Portland Fire Department
Hose & Equipment Report

Chief Joseph R. Cremo
380 Congress Street
Portland, Maine

Sir:

The following is a report on fire equipment purchased in 1973 and information regarding hose:

Fire Equipment Purchased in 1973

- 1 - Conier (replacement)
- 1 - Resuscitator (replacement)
- 3 - Hooligan Tools (addition)
- 2 - Hose Bridges (addition)
- 2 - Flexible Ducts for Smoke Ejectors (addition)
- 5 - K-Tools (addition)
- 5 - Life Belts (replacement)
- 5 - Indian Tanks (replacement)
- 50 - Eye Shields (addition)
- 1 - Light Generator (replacement)
- 1 - 2 $\frac{1}{2}$ inch Nozzle (replacement)
- 5 - Jet-Axes (addition)
- 5 - 1 $\frac{1}{2}$ inch Foam Eductors (replacement)
- 3 - 1 $\frac{1}{2}$ inch Nozzles (replacement)
- 4 - Gated "Y" (replacement)
- 4 - Hydrant Gates (replacement)
- 2 - Pompier Ladders
- 24 - Steel Fire Brooms
- 6 - Radios (replacement)
- 1 - Industrial Vacuum Cleaner
- 1 - Portable Pump (Fire)
- 1 - Radio (addition) - (Civil Defense)
- 6 - Radios (addition) - (Jetport)
- 175 - Gals. Foam (replacement)
- 49 - Pr. Boots (replacement)
- 12 - Pr. Boots (addition)
- 29 - Utility Tarns (addition)
- 825 - Ft. of Rope (replacement)
- 1 - CO² Hose for Fireboat (replacement)
- 18 - Helmets (replacement)
- 12 - Helmets (addition)
- 130 - Gals. Light Water (addition)
- 30 - Fire Coats (replacement)
- 12 - Fire Coats (addition)
- 1 - 500 GPM Black Widow (Nozzle)
- 2 - Pr. Ear Protectors
- 6 - Safety Helmets

Hose & Equipment Report (continued)

Fire Equipment Purchased in 1973

13 - First Aid Kits (1 large and 12 small)
18 - Tanks Medical Oxygen
292 - Scott Air Tanks (refilled)
2 - Sets of Plastic Splints
36 - Spanners (replacement)
15 - Sets Badges (replacement)
11 - Shields (replacement)
3 - Purple K Extinguishers (addition)

Hose on Hand

3 inch first class	4,000 Ft.	2 $\frac{1}{2}$ inch syn vinyl	1,000 Ft.
3 inch syn. vinyl	2,745 Ft.	2 $\frac{1}{2}$ inch first class	7,500 Ft.
		2 $\frac{1}{2}$ inch second class	35,299 Ft.
1 $\frac{1}{2}$ inch first class	3,000 Ft.		
1 $\frac{1}{2}$ inch second class	18,089 Ft.	Booster Hose	6,525 Ft.
1 $\frac{1}{2}$ inch syn. vinyl	1,957 Ft.		

New Hose Received in 1973

Booster Hose 500 Ft.

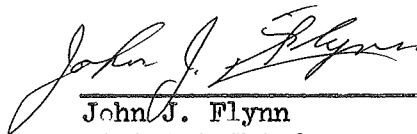
Repairs were made on twenty-one lengths of hose for reservice. The threads on fifty-eight couplings were also repaired.

Hose placed out of service included 150 ft. of 3 inch, 1,650 ft. of 2 $\frac{1}{2}$ inch, and 1,000 ft. of 1 $\frac{1}{2}$ inch.

In August of 1973 all hose on the fireboat was examined and all passed the test.

Due to the misfortune of equipment breakdown it was impossible to hold our annual hose testing for the year 1973. To have done so it would have been necessary to sell the city too short on proper fire coverage.

Respectfully submitted



John J. Flynn
District Chief

Portland Fire Department
Training Report

Chief Joseph R. Cremo
380 Congress Street
Portland, Maine

Sir:

The following is a report of Fire Department training for the year 1973. Officers and men of the Department received a total of 59,645 man hours of scheduled training and instruction for the year.

Due to changing conditions and a new work schedule, the 10 cycle training program was revised and replaced on November 29 by the in-company training schedule shown below which is based on a 21 day cycle with both day and night classes being held on the same cycle. A revolving schedule is used for variety and so that no one will miss any subject. The training program is otherwise the same.

On November 29, 1973 (Day #1) begin with Cycle #1, Lesson #1, which will continue until the 21 day cycle is complete (ending with Lesson #21).

On December 20, 1973 (Day #1) begin with Cycle #2, Lesson #4, which will also continue through the 21 day cycle (ending with Lesson #3).

Continue through the cycles as marked. Upon completion of Cycle #7, which begins with Lesson #19, revert to Cycle #1 and continue as above.

- | | | |
|----------|-----------------|---|
| 11/29/73 | Cycle #1 begins | 1. Chemistry of fire; ropes and knots |
| | | 2. Ventilation |
| | | 3. Ladders |
| 12/20/73 | Cycle #2 " | 4. Aircraft, tank, etc. fires |
| | | 5. Class and use of extinguishers |
| | | 6. Standpipes and sprinklers |
| | Cycle #3 " | 7. Rescue, First Aid, and Scott Air Pac |
| | | 8. Hydrants and hose |
| | | 9. Apparatus practice and care |
| | Cycle #4 " | 10. Rule book and special signals |
| | | 11. Tools, equipment, and forcible entry |
| | | 12. Streets and locations |
| | Cycle #5 " | 13. Size-up and prefire planning |
| | | 14. Exposures and confinement |
| | | 15. Overhaul, salvage, and pick-up |
| | Cycle #6 " | 16. Fire extinguishment |
| | | 17. Radiation and chemicals |
| | | 18. Inspections and Fire Department reports |
| | Cycle #7 " | 19. Pump procedure |
| | | 20. Hydraulics |
| | | 21. Portland Training book |

1973 Training Report (continued)

During the year 33 provisional men came to work for the Portland Fire Department. They, together with 31 second year men and 10 men from outside the Department, received basic training from the training officer. Excluding the outside men, the 64 Portland firemen successfully completed the school.

May 10- May 18

- * E. Haibon
- * P. Hardison
- * J. Corbett
- * C. Booth
- * L.A. Hamilton
- * L. Cox
- * B. Martin, Jr.
- J. Thomas
- R. Dewar

May 21 - May 30

- * M. Lydon
- * W. True
- * S. Doyle
- * S. Salamone
- * A. Vecchiione
- * L. Boyd
- * J. Meserve
- T. Flaherty
- P. Kennedy
- * R. Woods

May 31 - June 8

- * D. Clukey
- * R. O'Brien
- * T. Valente
- * S. Andrews
- * P. Hallgren
- * M. Rea
- P. Tinkham
- W. Garroway
- G. DiMillo

June 11 - June 19

- * M. Constantine
- * G. Whitten
- * P. Viola
- * S. Rourke

(* Second Year Men)

June 11 - June 19 (Con't)

- * T. Gallagher
- L. McGahey
- L. M. Hamilton
- M. Farrington
- L. Lemmings
- S. Earley

June 20 - June 28

- * S. Murphy
- * D. Davis
- * S. Giobbi
- * R. Thompson
- W. L. Dennison
- * P. Lamb

September 24 - September 28

- M. McCarthy
- R. Chute
- A. Salamone
- L. Gray
- J. Beatty
- L. Pirone
- S. Macomber

October 1 - October 5

- C. Rose
- P. Byrant
- B. Micucci
- B. Alley
- D. Denbow
- D. Cressey
- S. Thibeault
- W. McGee
- D. Stanhope
- S. Newcomb
- W. Gagnon
- R. Clark
- N. Berry (10/3/73 - 10/5/73)

1973 Training Report (continued)

Throughout the year various training films were shown and classes were given to all companies in the Department.

First Quarter (January thru March)

A one hour in-service training program was held in each station from 7 P.M. to 8 P.M. on three shifts, a total of nine classes a month in each company, with 178 men receiving these classes for a total of 1602 man hours.

Special one hour in-service classes were given to 38 probationary men each day and each night while on duty. Each man had 18 hours a month for a total of 1952 man hours.

Each morning after house work had been completed a class was held in each company on the operation of the apparatus, the name, location, and the use of the equipment, with 178 men receiving 9 classes amonth for a total of 4806 man hours.

Radiological tests of the air were taken once a week at nine different locations throughout the city, and the results were forwarded to the C. D. Headquarters.

The fireboat personnel had training in docking procedure and boat handling for a total of 55 man hours.

Four new men started work on January 8 and had 40 hours of basic training for a total of 160 man hours.

The films "Ground Ladders" and "Fire Science" were shown at Central Fire Station to 12 men.

A 2-hour class on the use of JET X and 3% foam was given on Commercial St. The JET X hand nozzle and the X 5 generator were demonstrated to 11 men for a total of 22 man hours.

A 2-hour class on the use and the operation of the foam equipment was given at Central Station to 12 men for a total of 24 man hours.

A class was held at Engine 3 on the use and operation of the new E. & G. Resuscitator, with 28 men participating for a total of 28 man hours.

The following Training Bulletins were made up and sent to all companies:

- No. 37 - Causes of Accidents and Prevention Procedure in Fire Dept. operations
- No. 38 - Driving Procedure
- No. 39 - Scott Air Pac
- No. 40 - Apparatus Maintenance

2-hour classes were held at Bramhall Station on the JET X foam and equipment, with 28 men participating for a total of 56 man hours.

The films "Breath of Life" and "Pulse of Life" were shown to 10 men at Central Station.

1973 Training Report (continued)

The film "Nozzleman" was shown to 22 men at Bramhall Station.

A 2-hour class was given to 12 employees of the Casco Bank on how to use the Scott Air Pac.

District Chief O'Donnell and Capt. Nitsche were at the Brockway-Smith Warehouse while an insurance company ran a test on a 1500 GPM pump that supplies the sprinkler systems in this building.

Capt. Nitsche was at the Holiday Inn on Spring St. while an insurance company ran a test on the 500 GPM pump that supplies the standpipe system in the Motel.

Capt. Nitsche attended the Cumberland County Firemen's meeting at Cape Elizabeth and demonstrated the overhead project and transparencies to 67 men for 2 hours.

The films "Condemned" and "Combat" were shown to 11 callmen at Peaks Island during a 2-hour class for a total of 22 man hours.

A 2-hour class was held in all stations on Sprinkler Systems and Fire Alarm Panels. Slides were used. There were 168 men participating for a total of 336 man hours.

Capt. Nitsche, Capt. McDonough, Lt. Howard, Pmts. Skeritt and T. Flaherty attended Fire Prevention lectures given by State Fire Inspectors Ridley and Dolby at the Jetport. There were three 3-hour lectures involving 45 man hours.

Second Quarter (April thru June)

On March 31, 1973 a new training schedule was put into effect, increasing the classes held in all companies from 1 hour a week to 18 hours a week. The class schedule covered all aspects of the fire service. On April 30, 1973 the time schedule of training classes was reduced to 2 hours every afternoon and 1 hour every evening. The total number of man hours in the classes for the second quarter was 16,478.

A class was held at Peaks Island on apparatus and use of equipment with 11 callmen participating for a total of 22 man hours.

The fireboat personnel had 7 hours of pilot training and boat handling in the month of April.

Radiological readings were taken once a week at nine different locations throughout the city, and the results were forwarded to C. D. Headquarters.

District Chief O'Donnell, Capt. Nitsche and our Mechanic, A. Pierce, traveled to the Brunswick Naval Station on April 13 and discussed with Naval Air Station personnel Operational Procedure at the Airport.

A 6-page bulletin (41) was prepared and distributed to all companies. This dealt with Fuel Spills and Airport Procedures.

1973 Training Report (continued)

An evening pump school schedule was prepared and distributed to all companies for the period of May 1 through July 14.

An evening ladder school schedule was prepared and distributed to all companies for the period of July 19 through September 30.

On April 26 Training Bulletin #42 was issued to all companies. This was on the use of foam.

In April Crash Units #1 & #2 were tested and put into operation at the Crash Station after being changed over from 3% foam to 6% light water. The tanks in these trucks were cleaned, the trucks were tested, and the foam equipment was adjusted and tested. Arrangements were made with Delta Airlines for the men at the station to go through their DC9 and 727 planes on over lay flights which are daily at 2:15 P.M. and 5:55 P.M. Arrangements were also made for the men to go through the small planes in the Northeast Hangar on weekends.

Classes were given to the crew at the Crash Station on the operation and use of the Crash trucks. Driver training was held and dry runs on the runways were made. There were 15 men participating for 28 hours for a total of 420 man hours.

A film on the MB-5 was shown to all members of the Crash Station (15 men).

A film on Light Water was shown to all companies (160 men).

A class was given to all members at the Crash Station on maintenance, operation and how to recharge the P.K.P. extinguishers.

Drill School was held for probationary men. Each member received 49 hours of training. There were 43 men in attendance for a total of 2117 man hours. There were also 10 men from the South Portland Fire Dept. who received 49 hours of training each. These classes started May 10 and ended June 28.

On May 9 all fire hose on the U.S. Coast Guard Cutter Campbell was tested by Engine 5.

Third Quarter (July thru September)

Radiological readings were taken at nine different locations, once a week, and the results were forwarded to C. D. Headquarters.

Evening Pump School was completed July 14 with 95 sessions being held for a total of 1140 man hours.

Evening Ladder School was completed September 14 with 74 sessions being held for a total of 1164 man hours.

A Drill School class was held at the Training Area for 7 new men, with each receiving 35 hours training for a total of 245 man hours.

In-service training classes were held in each station every day from 2:00 P.M. to 4:00 P.M., and every evening from 7:00 P.M. to 8:00 P.M. on various subjects in the fire service for a total of 14,140 man hours.

1973 Training Report (continued)

On July 13 Lieut. Robertson at the Crash Station was given an aerial flight inspection for the Jetport by the All Weather Flight School (1 man hour).

Pilot training for 5 men on the fireboat was held for a total of 27 man hours.

Films on foam use were shown at the Crash Station to 30 men for a total of 52 man hours.

Captain R. Davis was appointed Training Officer on September 30, 1973.

Fourth Quarter (October thru December)

Radiological readings were taken at nine different locations, once a week, and the results were forwarded to C. D. Headquarters.

Drill School was held for 13 probationary men for a total of 184 man hours.

During Fire Prevention Week, October 7 to 13, all companies were engaged in the distribution of posters and literature. Fire drills were held in the schools.

The films "High Rise" and "A Tale of Two Towns", and "Operation Safeguard" were shown at Central Station to 37 men. This involved 74 man hours.

The book "Firefighters and Electrical Equipment" was distributed to all companies, and the book "Dangerous Chemicals" was distributed to Central and Bramhall Stations.

A grading program for performance at Drill School was initiated and the men who attended this School over the last two years were graded.

Training on the two Squad Trucks was conducted at Engine 1, Central and Bramhall Stations. This involved 105 man hours.

A bulletin was distributed to all companies on the operation of the Squad Trucks.

Classes were held at Central Station on Sprinkler Systems involving 24 man hours.

The books "Rescue Practices" and "Fire Dept. Facilities" were distributed to all companies.

New Tank Truck #12-A was received and acceptance tests were made at Capisic Pond which involved 24 man hours.

Capt. Davis, McDonough and Miller attended a demonstration of the Wasco Life Safety Vent at Sanford, Maine. This involved 9 man hours.

District Chief Hasson, Capt. Davis and Engine 1 assisted the Water District in fire flow tests of hydrants on Munjoy Hill which involved 6 man hours.

Lock Entry Kits were distributed to all ladder companies and also to Rescue 1. Classes were held on its use which involved 35 man hours.

1973 Training Report (continued)

A new training schedule was implemented for company classes on November 29.

A Callmen's meeting was held at Engine 12, Peaks Island which involved 22 man hours.

An intensive program was begun in December on Proper Driving Techniques which involved 179 man hours.

A class was held by Rescue 1 for the employees of the Federal Building which involved 32 man hours.

Classes were held at Bramhall Station on Aircraft Crashes which involved 40 man hours.

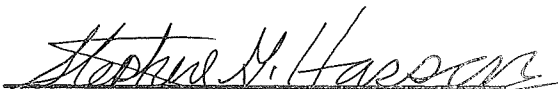
A class on the Squad Truck was held at Central Station involving 8 man hours.

Tank Truck #12-A was delivered to Engine 12, Peaks Island. The training of the permanent and callmen on use of truck, plus regular meeting of callmen involved 64 man hours.

Pilot training on Engine 7 during this quarter involved 40 man hours.

The in-service training classes for this quarter involved 12,816 man hours.

Respectfully submitted


Stephen G. Hasson
District Chief

Retirements and Pensions

Members of the Fire Department who retired in 1973 on the State Retirement System Pension:

		<u>Date of Retirement</u>
* Stanley W. Lynch, Jr.	Private	3/18/73
Leo J. Landry	Private	4/1/73
Melvin E. Ireland	Captain	4/21/73
Joseph J. Kane	District Chief	6/22/73
Robert L. Callahan	District Chief	6/22/73
Clarence O. Olsen	Captain	6/22/73
Joseph B. Foley	Lieutenant	6/22/73
Bertrand A. Walker	Lieutenant	6/22/73
Alfred H. Schwabenhausen, Jr.	Fireboat Engineer	6/22/73
Leslie E. Conley	Private	6/22/73
* John L. Winch, Jr.	Lieutenant	6/30/73
Lavern J. Jerome	Captain	12/15/73
James O. Flaherty	Captain	12/15/73
George S. Howard, Jr.	Lieutenant	12/15/73
* Retired on Disability Pension		

Retired Members of the Fire Department on City Pension

	<u>Pensioned</u>		<u>Pensioned</u>
Pvt. Enos R. Alden	7/3/60	Dep. Chief Thomas H. Markley	10/20/68
Capt. James L. Beecher	11/6/59	Chief Harry W. Marr	1/1/57
Lieut. George H. Carson	10/5/61	Lieut. Chester R. McAlister	10/12/62
Pvt. Frank T. Coughlin	4/3/60	*Lieut. Frederick L. McCarthy	10/15/62
Pvt. Oscar F. Dodd	5/17/50	Dist. Chief Arthur J. Murdock	12/1/56
Capt. Robert H. Flaherty	1/1/64	Dep. Chief John C. Murray	10/1/63
Capt. George J. Foley	9/8/61	Capt. Lawrence H. Murray	12/7/63
Dist. Chief Joseph N. Fortier	12/27/59	*Pvt. Charles E. Niles	2/12/66
Capt. Edward M. Hopkins	9/1/63	Lieut. Edward E. Platts	8/22/69
Lieut. Merton L. Hoyt	11/15/67	Pvt. Timothy J. Powell	12/9/50
Chief Carl P. Johnson	11/5/65	Dist. Chief Charles E. Ross	9/1/63
Dist. Chief William H. Johnson	9/9/68	Pvt. Stanley D. Royles	4/14/57
Pvt. Harry A. Lucas	3/1/53	Lieut. Clinton R. Sampson	1/29/54
Capt. Elmer L. MacKenzie	10/26/62	Chief Oliver T. Sanborn	3/1/54
Capt. Leslie M. MacVane	7/24/57		

* Disability

Widows of Members Who Died in Service (City Pension)

Ethel M. Walsh, widow of Pvt. Thomas L. Walsh, who died 2/24/45.
 Florence C. Tolan, widow of Capt. John E. Tolan, who died 8/27/56.

ROSTER OF FIRE DEPARTMENT

Board of Engineers

<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
Joseph R. Cremo	Chief	51	209 Taft Avenue
Clement O. Dodd	Deputy Chief	57	56 Pennell Avenue
Stephen G. Hasson	District Chief	44	10 Westlawn Avenue
John J. Flynn	" "	47	Centennial St., P.I.
Robert A. O'Donnell	" "	45	18 Ivaloo Street
James Nitsche	" "	40	93 Hicks Street
John R. Flaherty	" "	39	61 Lawrence Avenue

Rescue Company No. 1

Station No. 380 Congress Street

Chevrolet 1-Ton Panel Truck, Step-Van Model, with duo wheels, and equipped with rescue and life-saving devices.

<u>No. of Badge</u>	<u>Name</u>	<u>Ranks</u>	<u>Age</u>	<u>Residence</u>
5	Harold E. Boothby	Captain	34	183 Bolton Street
29	Peter F. Morelli	Lieutenant	45	50 Hodgins Street
31	Donald G. Webster	"	32	51 Marilyn Ave., Westbrook
199	James R. Fahey	Private	28	21 Temple St., Westbrook
113	Franklin S. Pinder	"	31	Hanson Rd., Scarborough
171	Thaxter M. Reardon	"	25	167 Winn Rd., Falmouth
116	Robert D. Beane	"	30	Smith Rd., No. Windham
79	Steven F. Crocker	"	33	63 Seavey St., Westbrook

Engine Company No. 1

Station No. 134 Congress Street

American-LaFrance triple combination pumper (1000 gal. capacity) carrying 1550 feet of 2-1/2 inch hose, 350 feet of 1-1/2 inch hose, 150 gallon booster tank with 200 feet of booster hose, and 38 feet of ladders.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
13	Robert C. Mayo	Captain	41	21 Howard Street
42	Edward S. Moulton	Lieutenant	46	7 Island Street
28	Norman E. Lewis	"	37	259 Middle Rd., Yarmouth
166	Edward A. Smith	Private	46	186 Richland St., So. Port.
190	Samuel E. Jones	"	52	18 Marshall Street
211	Bradford N. Martin	"	45	1638 Forest Avenue
61	John P. Roma	"	34	76 Pennell Avenue
216	Merton A. Rutherford	"	34	48 Elsmere Ave., So. Port.
205	Terence H. Gothrow	"	30	8 Longfellow Dr., C.E.
145	George F. Earley, III	"	26	29 William Street
160	Edward M. Haibon, Jr.	"	28	42 Constitution Dr., West.
161	Michael W. Lydon	"	24	RFD #3, So. Windham
107	John B. Peverada, Jr.	"	46	125 Four Winds Rd.
109	Wilfred W. Gagnon, Jr.	Provisional	23	64 Arcadia Street

Engine Company No. 3
Station No. 212 Stevens Avenue

Howe triple combination pumper (1000 gal. capacity) carrying 1600 feet of 2-1/2 inch hose, 600 feet of 1-1/2 inch hose (which includes 2 preconnected lines); a 500 gallon booster tank with 200 feet of booster hose, and 38 feet of ladders.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
30	Joseph S. O'Connell	Lieutenant	50	39 Bradley St.
217	William F. Nye, II	Private	34	Haven Rd., Windham
187	Albert R. Thompson	"	42	15 Grove Street
98	Reginald G. Wyman	"	28	34 Vermont Avenue
89	David H. Clukey	"	24	824 County Rd., West.
141	Stephen A. Doyle	"	25	7 Loveitt St., So. Port.
73	Donald E. Stuart	"	42	37 Taft Avenue
94	Joseph A. Cooper	"	32	170 Puritan Dr., West.
186	Peter A. Pompeo	"	28	46 Presumpscot Street
100	Ronald J. O'Brien	"	25	Eastman Rd., C.E.
69	Richard W. Roy	"	31	11 Herbert Dr., Scar.
72	David A. Brown	"	24	51 Norwood Street
208	Russell E. Wood, Jr.	"	27	43 Maine Ave.
289	Bruce E. Alley	Provisional	26	112 Presumpscot St.

Engine Company No. 4
Station No. 784 Congress Street

Ward LaFrance triple combination pumper (1000 gal. capacity) carrying 800 feet of 3 inch hose, 1500 feet of 2-1/2 inch hose, 900 feet of 1-1/2 inch hose (6 preconnected lines); a 500 gallon booster tank, and 38 feet of ladders.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
16	Martin T. Macisso, Jr.	Captain	43	27 Wilson Street
22	James F. Robertson	Lieutenant	36	15 Tremaine St.
51	Robert A. Tibbetts	"	32	Percy Hawks Rd. Windham
184	Wahlen L. Guimond	Private	35	79 Sherwood Street
97	James P. Collins	"	29	1020 Sawyer Rd., C.E.
84	John W. Chandler	"	28	36 Lawn Avenue, So. Port.
203	Charles D. Levasseur	"	29	46 Newton Street
192	Henry F. Beaumier	"	43	148 Taft Avenue
151	Richard J. Curran	"	27	227 Mussey St., So. Port.
148	Leroy E. Applebee	"	34	52 Summit Street
133	Russell S. Haskell	"	35	89 Broadway
226	Gerald S. DiMillo	"	30	129 Bonnybank Terr., S.P.
115	Thomas P. O'Connor	"	30	287 Spring Street
232	Peter E. Kennedy	Provisional	29	3 Mast Rd., Westbrook

Engine Company No. 5
Station No. 380 Congress Street

Ward LaFrance triple combination pumper, Diesel powered, (1000 gal. capacity) carrying 600 feet of 3 inch hose, 900 feet of 2-1/2 inch hose, 700 feet of 1-1/2 inch hose (4 preconnected lines); plus 300 feet of additional 1-1/2 inch hose, a 500 gallon booster tank with 200 feet of booster hose, and 36 feet of ladders.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
15	Llewellyn C. Smith	Captain	44	54 Bailey Avenue
24	Lloyd E. Cook	Lieutenant	39	37 Lester St.
53	Donald K. Murdoch	"	31	59 Fessenden Ave., S.P.
74	Herbert E. Carlow, Jr.	Private	31	49 Broadway
188	Raymond W. Jean, Jr.	"	28	28 Lombard Dr., Gorham
228	Timothy J. Flaherty	"	25	47 Fallbrook Street
54	Wayne R. True	"	25	9 High St., So. Windham
174	Verne A. Dyer	"	31	297 Middle Rd., Falmouth
63	Donald P. Whitney	"	29	526 E. Bridge St., West.
57	Gregory K. Whitten	"	23	58 Pearl St., So. Port.
82	Peter J. McFarland	"	40	82 Chase St., So. Port.
87	John G. Corbett	"	27	Central Avenue, P.I.
129	Gerard L. Chase	"	43	56 Parris Street
76	Edson W. Fletcher	"	29	5 Herbert Dr., Scar.
185	Daniel E. O'Brien	"	24	Eastman Rd. Cape Eliz.

Engine Company No. 6
Station No. 704 Congress Street

American-LaFrance triple combination pumper (750 gal. capacity) carrying 1100 feet of 2-1/2 inch hose, 300 feet of 1-1/2 inch hose, a 300 gallon booster tank with 250 feet of booster hose, and 38 feet of ladders.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
18	Herbert P. Miller	Captain	39	125 Brackett St., West.
35	Leonard N. Stanhope	Lieutenant	49	28 Newman St.
36	Murray F. Roberts, Jr.	"	35	Central Ave., Peaks Isl.
56	Charles A. Gildart	Private	49	31 Cushman Street
71	William J. E. Reardon	"	47	114 Ledgewood Dr., Fal.
178	Ronald A. Desrosiers	"	35	9 Island Street
147	Robert J. Fitzsimmons	"	37	243 Valley Street
220	Frederick R. McLellan	"	40	75 Longfellow St., West.
230	Philip C. Riley	"	32	Kent Street
163	Donald E. Brown	"	25	51 Norwood Street
221	John H. Poor	"	24	193 Middle Rd., Fal.
91	Peter W. Lamb	"	28	125 Greenwood Lane
21	James E. Meserve	"	24	67 Motley Street
93	Peter Hardison	"	22	50 Ocean View Ave., S.P.
120	George E. Ward, III	"	26	150 Lyman St., West.
194	William C. Lewis	"	41	3 Pierce Ave.

Engine Company No. 7
Station, West Side of State Pier

Diesel Fireboat "City of Portland" equipped with 2 DeLaval pumps, each 3500 GPM (7000 gallons per minute capacity); 2 Cummins 600 HP main propulsion-pumping engines, 2 Cummins 115 HP auxiliary engines, 1 Onan 15 KW generator, 1 Onan 3 KW generator; 1 - 3000 GPM deck monitor; 2 - 1500 GPM deck monitors; 1 - 1500 GPM remote controlled tower monitor; foam system capable of spreading 3600 cubic feet of foam in 23 minutes; CO₂ system (400 pounds in 8 cylinders, manually discharged through 150 feet of hose) and carrying 1850 feet of 2-1/2 inch hose and 900 feet of 1-1/2 inch hose.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
19	Richard L. Barter	Captain	42	20 Woodville Rd., Fal.
25	Anthony S. Feato	Lieutenant	51	32 Arcadia Street
52	Michael J. Metcalf	"	29	134 Bonnybank Terr., S.P.
126	Theodore W. Low, Jr.	Engineer	51	Luther St., Peaks Is.
210	Robert Stewart	"	37	60 Mill Lane, No. Windham
157	Lawrence L. Tanguay	"	33	32-A River Rd., Westbrook
189	Gary T. Lanouette	"	29	43 Granite St.
213	Arthur J. Gallant, Jr.	Pilot	35	168 Holmes Rd., Scar.
90	George H. Lopes	"	64	6 Kendall Street
	John J. Curran	"	50	29 Sterling St., P.I.
85	Thomas J. Gallagher, Jr.	Pilot Trainee	29	200 Fowler Rd., C.E.

Engine Company No. 8
Station No. 386 Allen Avenue

Mack triple combination pumper (750 gallons capacity) carrying 1350 feet of 2-1/2 inch hose, 650 feet of 1-1/2 inch hose (which includes 1 preconnected line); 1 - 500 gallon booster tank with 250 feet of booster hose, and 38 feet of ladders.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
17	Edward R. Cooper	Captain	51	26 Driftwood Lane, Scar.
26	Robert M. McDougall	Lieutenant	38	32 Cushman Street
39	Alton E. Sylvia	"	34	43 Constitution Dr., West.
173	John D. MacFarlane	Private	56	76 Woodlawn Avenue
106	Joseph J. McKeon	"	47	11 Hall Street
165	Theodore J. Axelsen	"	51	55 Commonwealth Drive
66	John P. Green	"	52	30 Craigie Street
223	Louis J. Brown, Jr.	"	27	39 Colonial Rd.
225	Walter E. Leland, Jr.	"	27	28 Auburn Terrace
55	Thomas A. Valente, Jr.	"	29	378 Warren Avenue
138	Stephen R. Salamone	"	25	50 Montreal Street
159	Donald W. Davis	"	26	263 Friendly Village, Gorham
77	Philip E. Tinkham	"	26	225 Broadway, So. Port.
144	Willard L. Dennison	Provisional	28	50 Arcadia Street

Engine Company No. 9
Station No. 1600 Forest Avenue

American-LaFrance triple combination pumper (750 gal. capacity) carrying 1600 feet of 2-1/2 inch hose, 500 feet of 1-1/2 inch hose, a 150 gallon booster tank with 250 feet of booster hose, and 38 feet of ladders.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
12	Joseph D. Miller	Captain	44	108 MacArthur Cir. W., S.P.
40	George M. Bidwell	Lieutenant	48	36 Wellwood Rd.
48	Robert T. Bachelder	"	47	38 Massachusetts Ave.
169	Arthur E. Best	Private	49	58 Jackson St.
164	Anthony J. Peverada	"	55	12 Richardson St.
182	Edward A. Jordan	"	30	64 Constitution Dr., West.
152	Richard S. Thompson	"	27	273 Caribou St.
80	Richard J. Rioux	"	37	19 Linden St.
122	Albert F. Gendrolis	"	46	90 Woodlawn Ave.
177	Russell C. Stillings	"	53	12 Cypress Street
68	Royal E. McIntyre	"	55	49 Two Rod Rd., Scar.
193	Joseph F. Libby, Jr.	"	30	11 Upland Avenue
227	Wallace C. Garroway, Jr.	"	23	515 St. John Street
234	Martin B. Farrington	Provisional	25	11 Pine St., Gorham

Engine Company No. 11
Station No. 574 Ocean Avenue

Maxim triple combination pumper (750 gal. capacity) carrying 1900 feet of 2-1/2 inch hose, 300 feet of 1-1/2 inch hose, a 150 gallon booster tank with 250 feet of booster hose, and 38 feet of ladders.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
9	Carl H. Shapazian	Captain	47	14 Halet Street
44	Howard D. Lewis	Lieutenant	41	23 Field Rd., Falmouth
49	Harold C. Waltman, Jr.	"	34	11 Kingston St., S.P.
103	John D. Lambert	Private	46	166 Sherwood St.
67	Alfred C. DiFiore	"	39	16 Puritan Dr., West.
200	Jean P. Petrin	"	38	Eaton Dr., Bar Mills
201	John N. Fitzpatrick	"	41	398 Ray St.
214	Donald E. Mallory	"	37	40 Walnut St., S.P.
198	Arthur R. Johnson	"	29	556 Ocean House Rd., C.E.
70	James Somma	"	29	114 Harriet St., S.P.
191	Richard E. Morin	"	37	44 Hadlock Rd., Falmouth
88	Frederick L. Walsh	"	31	407 Ocean St., S.P.
224	Patrick W. Corbett, Jr.	"	30	Maple St., Peaks Is.
206	Anthony J. Salamone	Provisional	24	R.R. 1, Box 164, Yarmouth

Engine Company No. 12
Station, Peaks Island

Seagrave triple combination pumper (500 gal. capacity) carrying 1650 feet of 2-1/2 inch hose, 400 feet of 1-1/2 inch hose, a 100 gallon booster tank with 250 feet of booster line, and 46 feet of ladders.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
10	Philip A. MacVane, Jr.	Captain	44	110 Ocean Ave.
23	Donald N. Burwood	Lieutenant	46	72 Irving Street
50	Lawrence G. Hasson	"	46	Sterling St., P.I.
179	Eugene E. Phinney	Private	27	13 Springbrook Way
154	Louis Napolitano	"	48	96 Emery Street
183	Glen S. Raymond	"	29	8 Columbia Terrace
99	Stanley Butkus, Jr.	"	53	Herman Ave., P.I.

Callmen

Robert Briggs	Bruce Foss	Gene Dinsmore	Meldeau Whitton, Jr.
Paul Erico	Ralph Jackson	David Stites	Daniel Hasson
Daniel Flynn	Edward Latham	Albert Temple	Carl Ivers

Sub: John Childs

Ladder Company No. 1
Station No. 380 Congress Street

American-LaFrance 80 foot Aerial Platform and Water Tower, with basket having capacity of 900 lbs., and carrying a total of 208 feet of ground ladders.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
14	Samuel M. Marcisso	Captain	40	98 Pleasant Avenue
46	Lloyd A. Parker	Lieutenant	37	94 Westminster Ave.
45	Carleton E. Winslow, Jr.	"	26	100 Longview Drive
140	William J. Dempsey	Private	46	31 Leeman Street
172	William A. MacDougall	"	34	55 Sixth Street
95	John P. Pompeo	"	31	264 Presumpscot St.
108	David K. Dolloff	"	25	40 Wermouth Rd., S.P.
114	Richard A. King, Jr.	"	29	13 Puritan Dr., West.
136	Anthony S. Vecchione	"	29	11 Southwell Ave., S.P.
104	Paul D. Hallgren	"	27	74 East Kidder St.
117	Michael J. Constintine	"	25	151 Ocean House Rd., C.E.
56	Patrick R. Viola, Jr.	"	28	88 Arcardia Street
231	Lannie G. McGahey	Provisional	22	3 Trowbridge Place
150	Louis V. Pirone	"	26	519 Brighton Ave.

Ladder Company No. 3
Station No. 212 Stevens Avenue

Seagrave combination aerial ladder truck carrying 65 foot aerial ladder, a total of 257 feet of ladders and two (2) 100 gallon booster tanks with 400 feet of booster hose.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
4	John D. Mancini	Captain	42	57 Spruce St.
21	Frederick M. Cox	Lieutenant	46	23 Alba St.
38	Kenneth E. Thomas, Jr.	"	39	127 Mussey St., S.P.
204	Clinton M. Davis	Private	49	24 Orange St.
139	Frederick A. Butts, Jr.	"	37	27 Lowell St.
155	Ronald W. Thompson	"	27	39 Clayton St.
127	Richard A. Leduc	"	36	297 Stevens Ave.
181	Angelo Litrocapes	"	30	26 Rosedale St.
119	Stephen D. Murphy	"	26	32 Veranda St.
105	Bradford N. Martin, II	"	24	31 Pleasant Ave.
134	Laurence D. Boyd	"	31	9 Canal St., So. Wind.
124	Carl K. Booth	"	23	80 Fallbrook St.
118	George J. Alexander, Jr.	"	34	26 Westlawn Rd.
233	Leland M. Hamilton, Jr.	Provisional	25	94 Westminster Ave.

Ladder Company No. 4
Station No. 386 Allen Avenue

Seagrave combination aerial ladder truck carrying 65 foot aerial ladder, a total of 275 feet of ladders, and one (1) 100 gallon booster tank with 150 feet of booster hose.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
6	Samuel M. Serappa	Captain	34	18 Caleb St.
27	John J. Towle	Lieutenant	50	79 Madeline St.
43	Vincent P. Colello	"	45	62 East Kidder St.
176	Francis E. Ferney	Private	51	305 Woodford St.
162	Leo A. Foisy	"	50	3 Helene St.
180	John A. Hanlon	"	40	42 Smith Street
215	Robert M. Leeman	"	36	43 Bay Street
137	Domenic L. Faietta	"	45	Albion Rd., So. Wind.
82	Angelo A. Palazzo	"	48	38 Primrose Lane
135	Maxelle J. Rea, Jr.	"	30	1318 Congress St.
195	Robert E. Thomson	"	26	40 Brackett St.
218	Leon A. Hamilton	"	25	94 Westminster Ave.
175	Leslie M. Richardson	"	53	104 Read Street
92	Michael L. McCarthy	Provisional	22	23 Westlawn Ave.

Ladder Company No. 6
Station No. 784 Congress Street

Seagrave combination aerial ladder truck, tractor drawn, with 100 foot aerial ladder, carrying 228 feet of ladders, and one (1) booster tank (200 gal. capacity) with 200 feet of booster hose.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
41	Henry E. Ryan	Lieutenant	28	41 Longwoods Rd., Fal.
32	Alfred P. Tetreau	"	34	121 Massachusetts Ave.
143	Robert M. Jackson	Private	52	85 Beckett St.
207	Carlisle R. Goodine	"	38	62 Prospect St.
168	Richard S. Libby	"	30	138 Murry St.
81	Jack A. Wellington	"	35	463 Ray Street
123	Wayne K. Dennison	"	27	120 MacArthur Cir., W., S.P.
83	Walter B. Olsen	"	31	16 Sunset Lane
58	Stephen A. Giobbi	"	26	146 Deveraux Cir., S.P.
110	Lawrence P. Cox	"	26	22 Vaill St.
197	John W. Beck	"	26	220 Maine Ave.
86	Steven M. Andrews	"	23	6 Union Rd., Cumberland
222	Brian E. Swasey	"	24	60 Fessenden Ave., S.P.
111	Joseph E. Thomas, Jr.	Provisional	22	469 Brighton Ave.

Crash Station Company
1001 Westbrook Street

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
8	Clifford L. Robichaud	Captain	39	33 Longfellow Dr., C.E.
34	Byron P. Fairbanks	Lieutenant	30	Cousins Island, Yar.
33	Leigh W. Sellick, Jr.	"	47	22 Lucas St.
202	James A. Harbaugh	Private	36	271 Allen Ave.
128	Richard L. Blood	"	38	1316 Westbrook St.
132	Thomas L. Heseltine	"	27	53 Cedar St., O.O. Beach
158	William M. Perry	"	28	23 Craggmere Ave., S.P.
125	Kenneth M. Lewis, Jr.	"	27	14 Imperial Lane, Scar.
112	John E. Curran, Jr.	"	30	402 Mitchell Rd., C.E.
219	Ronald R. Palmer	"	30	Staples Pt. Rd., Freeport
236	Louis H. Lemmings	"	30	173 Sandy Hill Rd., S.P.
96	Steven W. Bennett	"	25	54 Elmwood Ave., Scar.
64	Charles E. Dumond	"	28	366 Greely Rd., Cumb.
229	Robert S. Dewar	"	26	7 Orchard Rd., C.E.

Provisional Members (vacation coverage)
Station No. 380 Congress Street

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
102	Stephen E. Thibeault	Provisional	22	1350 Forest Ave.
196	Peter G. Bryant	"	31	25 Chenery St.
238	David R. Denbow	"	25	1008 Washington Ave.
237	Norman K. Berry	"	26	71 Westbrook Gar., West.
240	Dean M. Cressey	"	21	66 Alba St.
212	Larry S. Gray	"	26	40 University St.
237	David A. Stanhope	"	25	5 Colony Rd., West.
142	Charles D. Rose, Jr.	"	27	95 Vermont Ave.
131	Robert E. Chute, Jr.	"	28	67 Gray St.
97	Bruce J. Micucci	"	22	140 Sherwood St.
235	William P. McGee	"	26	107 Illsley St.
167	Scott B. Macomber	"	21	160 Ocean Ave.
130	John C. Beatty, Jr.	"	24	39 Anthoine St., S.P.
170	Robert C. Clark	"	25	824 County Rd., West.
167	Stephen D. Newcomb	"	21	119 Auburn Terrace
	Stephen R. Rourke	Private	23	1209 Washington Ave.

Fire Prevention Bureau
380 Congress Street

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
11	Joseph E. McDonough	Captain	35	77 Birchwood Dr.
20	Vincent L. Marcisso	Lieutenant	45	1 Monument St.
*62	Charles L. Skerritt	Private	46	131 Ocean Ave.
142	Thomas J. Flaherty	"	47	119 Clark St.
149	Carl P. Jensen	"	49	9 Boynton St.

* Department Photographer

Administrative Division
380 Congress Street

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
	Jon W. Littlefield	Admin. Assistant to Fire Chief	32	84 Providence Ave., S.P.
	Peter F. Kane	Admin. Assistant I	59	7 Lafayette St.
124	Arthur S. Noyes	Pvt. (Stock Clerk)	55	31 Devon St.
2	Robert N. Davis	Capt. (Training Officer)	41	19 Roberts St., Fal.

Repair Division
99 India Street

Alfred N. Pierce, Sr.	Fire Equipment Mechanic Foreman	54	7 Middle Rd., Fal.
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Civil Defense Division
380 Congress Street

Richard B. Lewsen	Director	52	Sabbath Day Point Rd., N.W.
Gail F. Dennison	Clerk II		120 MacArthur Cir. W., S.P.

Long Island Volunteer Fire Company

Harry L. Clark, Jr.	Chief
David Johnson	Ass't. Chief
John Billings	Captain
Lawrence Jones	Lieutenant
Richard Bruns	Secretary-Treasurer

Members

I. James Coolbirth	Richard Norcross
Edward Cushing	Arnold Perkins
Charles Doughty	Chester Rich
Peter Eliot	Harry Urban
George Johnson, Jr.	Olan Wood
Richard Ladd	Ronald Wood
Samuel Longanecker	Scott Wood
Francis Mooney	

Cliff Island Volunteer Fire Company

Herbert Vortisch	Chief
Paul MacVane, Sr.	Secretary-Treasurer

Members

Robert MacVane	Benjamin O'Reilly, Jr.
Norman Anderson	Bruce Dyer
James Seymour, Sr.	David MacVane, Jr.
James Seymour, Jr.	Paul MacVane, Jr.
David MacVane, Sr.	Carleton Cushing
Benjamin O'Reilly, Sr.	John Dyer, Sr.

Report of Signal System
1973

Chief Joseph R. Cremo
380 Congress Street
Portland, Maine

Sir:

The following is a synopsis of the work performed by the Signal System Division of the Fire Department in 1973.

During the year Thomas Herbert, Communications System Supervisor, and Orlando Ferrante, Lineman II, retired from the Signal System Division. Samuel Allen was promoted to Communications System Supervisor, initially on an acting basis, then permanently on July 22, 1973. The vacancies thus created in the line crew were filled by hiring Freeman Cleaves on July 5, 1973 and Willis Downs on August 13, 1973.

With all the major construction around the City, the Signal System Division was kept busy most of the year with the construction of and relocation of boxes and lines of the Alarm System. Major jobs were undertaken in the Monument Square Area of the Mainway Project, the Forest Avenue and Kennebec Street Area, the Libbytown Areas of the Interstate 95 Project, and in the Woodford's Corner Area. Additionally, in preparation for the moving of the entire Signal System to the new Public Safety Building in early 1974, a new duct system was constructed from Federal Street to the Public Safety Building.

During the year a total of 101 calls were made to the Fire Alarm Box System for various reasons such as annual maintenance, replacement of defective mechanisms, relocation of boxes to more desirable locations due to construction, monthly test of equipment, involvement in vehicular accidents, etc.

Overhead Construction

In the Spring and Fall of the year the entire overhead line system was checked, i.e., limbed out, and rotted crossarms, broken insulators and pins, etc. were replaced.

Throughout the year a total of 73 calls were necessitated on the overhead system for various reasons such as automobile accidents involving poles, replacement of fuses caused by lightning and ice storms, broken tree limbs, plus construction and transferring of crossarms, etc. A total of 76 crossarms were either transferred or replaced, plus 1300 feet of new line added to the system.

Underground Construction

There were a total of 125 calls on the underground lines necessitated primarily by cable faults and open circuits. Routine procedure expedited work on all faults and opens, with the system being restored as soon as possible.

Circuits were rerouted, new cable pulled, new ducts installed, new boxes installed, and boxes relocated during the year, thus requiring a total of 3500 feet of new duct of various sizes being installed, plus 10,700 feet of new cable being pulled as either new cable added to the system or as replacement cable.

As a result of some of the overhead and underground work, the following boxes were added to the signal system during the year: Boxes 3329, 3367, 3389, 144, 963, and 7245.

Station Maintenance

All electrical and alarm equipment in the system received semi-annual checks. At that time wiring was checked, all alarm equipment cleaned, lubricated, and tested. A daily check was conducted on all circuitry and if abnormalities were indicated, they were rectified immediately.

During the year a total of 230 calls were made to the various stations. Maintenance and installations of new wiring composed most of these calls. Highlighting this area was the installation of the new watch desk at the Crash Station. Other miscellaneous calls included repairs to cords, lights, recorders and other alarm equipment, installation of new lines, repair of convenience outlets, battery chargers and house equipment, etc.

Air Raid Circuits

A total of 11 calls were realized on the Air Raid Warning System for such reasons as: control wires down due to storm damage, blown service fuses, motor trouble, etc. All units received their maintenance checks, and motors were lubricated and control wiring checked. A survey was started for a replacement program of the sirens, some of which are over 25 years old.

Island Circuits

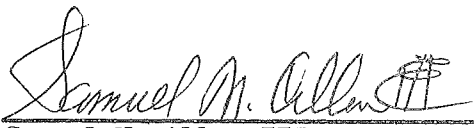
A total of 7 calls were made to the various Islands. These calls were for blown fuses or open circuits caused by storms, defective motors and controls, and miscellaneous other reasons.

On Long Island the heating system was installed and wired in the new station. There was 900 feet of new drop wire used to move the alarm circuits from the old station to the General Store, a more centrally located area.

Police Telephone Calls

A total of 14 calls were made to the Police Boxes before they were discontinued in the Spring. The Police Chief suggested that they be discontinued due to the condition of the call boxes and related equipment, and the more convenient use of portable radios.

Respectfully submitted


Samuel N. Allen III
Communications System Supervisor

Roster of Signal Division

Electrical Building - Alarm Headquarters

118 Federal Street

<u>Name</u>	<u>Position</u>	<u>Age</u>	<u>Residence</u>
Samuel N. Allen III	Communications System Supervisor	33	379 Sawyer St., S.P.
Kenneth G. MacMillan	Chief Operator	46	69 Veranda St.
Vernon H. Vincent	Operator	49	49 Morning St.
James N. Hughes, Jr.	"	45	25 Holly St.
John J. Quirk	"	38	759 Highland Ave., S.P.
Robert S. Carson	"	27	4 E. Grand Ave., Scar.
Stanley A. LeCours	"	33	McLellan Rd., Gorham
David E. Chandler	"	26	29 Grand St., S.P.
Donald G. Poore	"	22	1046 Broadway, S.P.
Freeman G. Cleaves, Jr.	Lineman II	35	49A Pleasant Hill Rd., Fal.
Judson R. Carver	Lineman I	42	RFD #1, So. Windham
Willis R. Downs	"	21	Ocean View Harbor, Scar.

Retirements and Pensions

Members of the Signal Division who retired in 1973 on the State Retirement System Pension:

		<u>Date of Retirement</u>
Thomas A. Herbert, Jr.	Communications System	6/22/73
Orlando F. Ferrante	Lineman II	6/22/73

Retired Members of the Signal Division on City Pension

Frederick W. Barnes	Fire Alarm Supervisor	5/6/56 (Pensioned)
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Members of the Signal Division on State Retirement System Pension

Pensioned

* Clarence R. Cobb	Fire Alarm Operator	7/18/70
* Disability		