

ANNUAL REPORT
of the
PORTLAND FIRE DEPARTMENT

From: January 1, 1959 to December 31, 1959, inclusive

To the: Honorable City Council of Portland

Gentlemen:

In compliance with the requirements of the City Ordinances, I herewith submit my Fourth Annual Report.

Total Estimated Fire Loss	\$ 104,755.00
Compared to 1958 loss - decrease of	\$ 288,000.00
Percentage Decrease	275%

Note: This decrease can be attributed to the lack of major fires. There were only 2 multiple alarm fires during the year, both occurring in February. Although we had more actual building fires (those involving a loss) than in 1958, the highest estimated loss for any one fire was \$10,000.

Number of Fires with loss of \$1000 or over	22
Fire Loss from these fires	\$ 89,775.00
Percentage of total loss	85.7%

Losses and Insurance

	<u>Valuation</u>	<u>Insurance</u>	<u>Loss</u>
Buildings	\$3,014,820.00	\$2,704,650.00	\$70,945.00
Contents	976,142.48	964,600.00	33,810.00
	\$3,990,962.48	\$3,669,250.00	\$104,755.00

Percentage of loss to total value of property involved	2.6%
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Number of Fires with Losses of \$1,000 or More

1940 - 21	1950 - 14
1941 - 30	1951 - 10
1942 - 30	1952 - 14
1943 - 24	1953 - 17
1944 - 34	1954 - 18
1945 - 30	1955 - 20
1946 - 25	1956 - 22
1947 - 15	1957 - 23
1948 - 14	1958 - 29
1949 - 14	1959 - 22

Consolidated Yearly ReportClassification of Alarms

Telephone or Still	1419
Telephone Transmitted as Bell	77
Bell	233
A.D.T.	<u>17</u>
Total Alarms	1746

Fires

	Confined to Floor	118)	
In Buildings (Actual)	Confined to Building	26)	144
	Extending to Adj. Bldg.	-)	
In Buildings (No Loss)			283
Brush, Grass, Leaves, Rubbish			306
Dump Fires			56
Woods Fires			21
Vehicles in the street			113
Boats			3
Misc. fires outside			<u>124</u>
Total Fires			1050

Calls Other Than Fires

Rescue or Emergency	186
False Alarms	111
No Fire or Needless	355
Automatic Sprinkler--No Fire	<u>36</u>
Total Calls Other Than Fire	688

Total Alarms in the City 1738

OUT-OF-CITY CALLS

8
Total Alarms 1746

Consolidated Yearly ReportDirect Fire Loss

Fire Loss (Estimated Figure)	\$ 104,755.00
Persons killed by fire	2
Persons injured by fire	4

Fire Loss Index Figures

Fires per 1000 Population	1.694
Fires per \$1,000,000 Bldg. Valuation	2.717
Fire loss per capita	\$ 1.23
Fire loss per \$1,000,000 Total Tax Valuation	\$ 952.32
Average fire loss per building fire	\$ 727.47

Number of Fires by Size of Loss

(Buildings and Contents)

Over \$15,000	-
\$5,000 to \$15,000	9
\$1,000 to \$5,000	13
\$100 to \$1,000	35
Less than \$100	87
No Loss	283

Inspections & Investigations

Investigation of Complaints	2080
Total Fire Prevention Inspections	19,246
Violations Found	1943
Notices Issued	1751
Follow-up Inspections of Violations	2587
Total Fires Investigated	8
Determined Accidental	-
Determined Incendiary	1
Determined Suspicious	3
Undetermined Origin	4

Use of Equipment

Feet of 1-inch hose (booster) used	129,750
Feet of 1½-inch hose used	14,400
Feet of 2½-inch hose used	54,950
Feet of 3-inch hose used	7350
Feet of ladders used	6179
Salvage covers spread	126

<u>Consolidated Yearly Report</u>			
<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	10	65.00	.0006
2. Defective or Overheated Chimneys	35		
3. Sparks on Wooden Shingle Roofs	-		
4. Sparks on Other Roofing	1	50.00	.0005
5. Defective Heaters	-		
6. Rubbish Near Heaters	2	5000.00	.0477
7. Combustibles Near Heaters	7	155.00	.0015
8. Open Lights, Flames	6	285.00	.0027
9. Hot Ashes	2	5200.00	.05
10. Oil Burners	116	12,320.00	.1176
11. Starting Fires w/kerosene, gasoline	-		
12. Careless Smoking	84	17,190.00	.1641
13. Children with Matches	30	6425.00	.0613
14. Other Careless Use of Matches	-		
15. Defective Electric Wiring	30	13,550.00	.1293
16. Electric Motors & Appliances	27	450.00	.0043
17. Home Dry Cleaning	-		
18. Other Use of Flammable Liquids	-		
19. Lamps and Stoves	6	8000.00	.0764
20. Gas and Appliances	1	600.00	.0057
21. Grease on Stoves	22	6075.00	.058
22. Spontaneous Ignition	4	1380.00	.0132
23. Fireworks	-		
24. Lightning-Rodded Buildings	-		
25. Lightning--Buildings Not Rodded	6	3825.00	.0365
26. Thawing Pipes	1		
27. Sparks from Machinery	-		
28. Incendiary	1	50.00	.0005
29. Misc. Known Causes	18	12,400.00	.1184
30. Suspicious	4	1175.00	.0112
31. Unknown	14	10,560.00	.1008
Total Building Fires	427	\$ 104,755.00	

Consolidated Yearly Report

<u>Inspections, Fires, Losses by Occupancies</u>	<u>Inspections</u>	<u>Fires</u>	<u>Estimated Losses</u>
<u>Public Buildings</u>			
Government Buildings	29		
Hospitals & Institutions	132	1	50.00
Schools	335		
Churches	106		
Amusement Buildings	544	3	
<u>Dwelling Occupancies</u>			
Hotels	69	6	330.00
Lodging Houses	500	8	100.00
Apartments	792	58	16,945.00
Dwellings	8946	260	52,505.00
Stores and Dwellings	324	20	5230.00
<u>Mercantiles</u>			
Office Buildings	259	5	30.00
Small Retail Stores	738	5	70.00
Restaurants	294	11	14,225.00
Large Single Occupancy	197	5	6585.00
Multiple Occupancy	215	6	625.00
Wholesale Houses	104	1	30.00
Storage Warehouses	175	1	
<u>Manufacturing</u>			
Textile, Fabric Wkrs.	35		
Metal Workers	95	1	500.00
Wood Workers	102	2	1525.00
Food Products	116	1	
Chemical Products	33		
Flammable Liquids and Gases	481		
Multiple Occupancy	47		
Misc. Manufacturing	39		
<u>Miscellaneous Buildings</u>			
Lumber Yards	87		
Railroad, Wharf Property	401		
Bulk Oil Storage	37		
Public Garages & Filling Stations	499	4	275.00
Private Garages	108	13	2655.00
Misc. Structures	168	16	3075.00
<u>Additional Inspections</u>			
Automatic Fire Alarms	3109		
Sprinkler Systems	130		
Totals	19,246	427	\$ 104,755.00

Consolidated Yearly ReportHow All Fires Were Controlled

Out before arrival of apparatus	260
By occupants (with extgr., hose lines, etc.)	8
Automatic sprinklers controlled fire	2
Automatic sprinklers held fire in check	3

By Fire Department using:

Brooms and shovels	82
Pump cans (Indian Runners)	60
Foam extinguishers	3
Carbon tetrachloride units	3
CO ² or dry-chemical-gas units	64
Other type extinguishers	7
1-inch chemical or booster line	453
One 1½-inch hose line	19
Two or more 1½-inch hose lines	8
One 2½-inch hose line	16
Two or more 2½-inch hose lines	16
2½-inch hose with booster	13
Hydrant & Pump	33

Total Fires	<u>1050</u>
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Bells and Stills, Hours of Duty

Materials used at Fires

		<u>Bell</u> <u>Alarms</u> <u>Ans.</u>	<u>Still</u> <u>Alarms</u> <u>Ans.</u>	<u>Total</u> <u>Alarms</u> <u>Ans.</u>	<u>Hours</u> <u>Duty</u> <u>Bells</u>	<u>Hours</u> <u>Duty</u> <u>Stills</u>	<u>Total</u> <u>Hours</u> <u>Duty</u>
Engine Co.	#1	133	33	166	61:30	53:34	115:04
	#2	51	136	187	47:03	202:30	249:33
	#3	40	121	161	24:12	70:45	94:57
	#4	142	227	369	51:08	90:55	142:03
	#5	135	311	446	59:09	230:57	290:06
	#6	66	152	218	31:33	75:42	107:15
	#7	18	83	101	12:35	117:21	129:56
	#8	88	97	185	62:01	64:18	126:19
	#9	30	124	154	12:56	86:21	99:17
	#11	43	93	136	54:06	79:14	133:20
	#12	6	-	6	11:18	-	11:18
	#12A	6	34	40	11:18	12:34	23:52
Rescue Co.	#1	175	271	446	66:31	102:35	169:06
Ladder Co.	#1	121	255	376	62:27	97:04	159:31
	#3	111	144	255	43:59	62:07	106:06
	#4	63	124	187	32:13	75:27	107:40
	#5	3	-	3	:25	-	:25
	#6	130	101	231	52:38	48:44	101:22

		<u>Hose</u> <u>Laid</u> <u>Feet</u>	<u>Hose</u> <u>Wet</u> <u>Feet</u>	<u>Chem.</u> <u>C.T.C.</u> <u>Qts.</u>	<u>Engine</u> <u>Pumped</u> <u>Hours</u>	<u>Booster</u> <u>Used</u> <u>Hours</u>
Engine Co.	#1	9,150	8,650	1	27:00	2:42
	#2	9,350	9,350	-	67:00	8:00
	#3	3,200	3,200	-	-	3:15
	#4	8,050	7,550	1	-	10:30
	#5	16,100	16,100	-	79:50	9:30
	#6	4,050	4,050	-	7:30	11:23
	#7	3,600	3,600	-	22:21	-
	#8	10,450	10,200	-	32:45	7:33
	#9	4,450	4,050	-	3:00	18:59
	#11	5,850	5,850	-	22:47	7:45
	#12	5,050	5,050	-	-	:20
	#12A	1,100	1,100	-	-	12:02
Rescue Co.	#1	-	-	-	-	-
Ladder Co.	#1	-	-	-	-	17:00
	#3	-	-	-	-	8:21
	#4	-	-	-	-	9:42
	#5	-	-	-	-	-
	#6	-	-	1	-	4:25
		<u>80,400</u>	<u>78,750</u>	<u>3</u>	<u>262.12</u>	<u>131.27</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	24	19	29	23	17	10	22	22	20	31	21	22	260
By occupants with extgr., etc.	-	-	-	1	2	2	2	1	-	-	-	-	8
Sprinklers controlled fire	-	-	-	-	-	1	-	-	-	1	-	-	2
Sprinklers held fire in check	-	-	-	1	-	1	1	-	-	-	-	-	3
Brooms and shovels	1	3	7	48	14	2	1	1	2	2	-	1	82
Pump cans (Indian Runners)	2	1	3	29	17	2	4	1	-	1	-	-	60
Foam Extinguishers	1	-	-	-	-	1	1	-	-	-	-	-	3
Carbon tetrachloride units	-	1	-	-	-	1	1	-	-	-	-	-	3
CO ² or dry chemical	4	7	8	7	2	5	4	4	4	8	5	6	64
Other type extinguishers	-	1	1	1	1	-	-	-	-	2	-	1	7
1-inch chemical or booster line	18	14	32	135	66	30	26	32	23	30	20	27	453
One 1½-inch hose line	1	1	1	2	3	-	1	4	2	2	1	1	19
Two or more 1½-inch hose lines	1	1	-	-	1	2	1	1	1	-	-	-	8
One 2½-inch hose line	-	-	1	1	2	4	-	2	1	2	1	2	16
Two or more 2½-inch hose lines	-	1	2	4	1	3	3	-	1	-	1	-	16
2½-inch hose with booster	-	1	-	5	1	-	2	4	-	-	-	-	13
Hydrant and pump	-	2	-	10	20	-	-	1	-	-	-	-	33 1050

Materials used at Fires (continued)

	<u>Ladders Set Feet</u>	<u>Salvage Covers Used</u>	<u>CO² Used Lbs.</u>	<u>Miles Traveled</u>	<u>Oxygen Used Tanks</u>
Engine Co. #1	12	-	2	242.9	-
#2	234	-	20	158.3	-
#3	125	5	45	294.1	-
#4	148	2	15	461.4	-
#5	14	6	75	602.3	-
#6	-	-	15	302.4	-
#7	-	-	-	-	-
#8	36	-	66	407.4	-
#9	16	-	5	354.5	-
#11	10	-	45	344.7	-
#12	48	-	-	6.9	-
#12A	84	-	51	40.2	-
Rescue Co. #1	-	28	4	812.2	23
Ladder Co. #1	4,110	49	41	389.7	1
#3	1,951	9	17	319.5	2-1/2
#4	666	12	12	488.5	5
#5	-	-	-	1.3	-
#6	1,149	15	-	512.9	-
	<u>8,603</u>	<u>126</u>	<u>413</u>	<u>5739.2</u>	<u>31-1/2</u>

	<u>Foam Used Gals.</u>	<u>S&A Used Gals.</u>	<u>Dry Chem. Used - Lbs.</u>
Engine Co. #1	-	-	-
#2	-	-	-
#3	-	-	20
#4	-	-	-
#5	-	-	-
#6	-	-	10
#7	-	-	-
#8	2-1/2	-	10
#9	-	-	-
#11	-	-	-
#12	-	-	-
#12A	-	-	-
Rescue Co. #1	-	-	-
Ladder Co. #1	5	-	20
#3	-	-	-
#4	-	-	-
#5	-	-	-
#6	-	-	10
	<u>7-1/2</u>	<u>0</u>	<u>70</u>

Note: 2050 feet of hose, included in total, used to flush gasoline and oil from streets.

2424 feet of ladders, included in total, used for lockouts.

Ladder #5 was out of commission almost the entire year.

	<u>Bell Alarms Straight</u>	<u>Bell Alarms Desk</u>	<u>A.D.T. Alarms</u>	<u>Still Alarms</u>
Jan.	10	3	2	93
Feb.	10	8	3	78
Mar.	16	6	2	104
Apr.	44	14	1	268
May	25	4	-	170
June	14	5	1	107
July	21	6	2	100
Aug.	16	5	1	113
Sept.	14	6	5	76
Oct.	24	5	-	119
Nov.	17	8	-	81
Dec.	<u>22</u>	<u>7</u>	<u>-</u>	<u>110</u>
	233	77	17	1419

Time Occurring

	<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.	11	27	38	32
Feb.	9	19	49	22
Mar.	11	33	48	36
Apr.	15	66	162	84
May	10	43	86	60
June	9	31	45	42
July	13	32	47	37
Aug.	7	30	43	55
Sept.	14	18	44	25
Oct.	10	30	49	59
Nov.	13	25	36	32
Dec.	<u>12</u>	<u>37</u>	<u>48</u>	<u>42</u>
	134	391	695	526

Monthly Breakdown of Total Alarms

	<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>
<u>FIRES</u>													
In Buildings (Actual)	6	10	16	17	8	13	15	15	7	13	7	17	144
Multiple	-	2	-	-	-	-	-	-	-	-	-	-	2
In Buildings (No Loss)	28	29	37	23	16	19	13	18	23	29	26	22	283
Brush, Grass, Leaves, Rubbish	4	7	16	182	60	5	6	6	9	6	2	3	306
Dump Fires	-	-	-	12	22	3	3	7	3	4	1	1	56
Woods Fires	-	-	-	9	10	2	-	-	-	-	-	-	21
Vehicles in the street	13	3	9	9	6	13	10	9	4	16	9	12	113
Boats	-	1	1	-	-	1	-	-	-	-	-	-	3
Misc. fires outside	1	2	5	15	25	8	22	18	8	11	4	5	124
Total Fires	52	52	84	267	147	64	69	73	54	79	49	60	1050

CALLS OTHER THAN FIRES

Rescue or Emergency	10	9	11	13	17	16	18	22	12	19	18	21	186
False Alarms	4	5	6	15	9	7	9	6	9	17	10	14	111
No Fire or Needless	36	25	25	31	23	36	29	31	22	31	25	41	355
Automatic Sprinkler--No Fire	3	8	1	1	2	4	3	3	4	2	3	2	36
Total Calls other than fire	53	47	43	60	51	63	59	62	47	69	56	78	688
Total Alarms in the city	105	99	127	327	198	127	128	135	101	148	105	138	1738
OUT-OF-CITY- CALLS	3	-	1	-	1	-	1	-	-	-	1	1	8
Total Alarms	108	99	128	327	199	127	129	135	101	148	106	139	1746

* Included in total of actual building fires.

Monthly Breakdown on Losses and Insurance

	<u>Losses</u>		<u>Insurance</u>	
	<u>Buildings</u>	<u>Contents</u>	<u>Buildings</u>	<u>Contents</u>
Jan.	1,475.00	50.00	303,700.00	17,000.00
Feb.	23,375.00	7,475.00	86,500.00	24,300.00
Mar.	7,555.00	1,865.00	494,400.00	15,500.00
Apr.	10,600.00	10,990.00	519,900.00	315,000.00
May	1,600.00	240.00	35,800.00	10,800.00
June	9,095.00	6,900.00	302,000.00	44,800.00
July	2,785.00	1,040.00	242,400.00	30,100.00
Aug.	7,390.00	2,800.00	74,950.00	26,300.00
Sept.	2,350.00	790.00	135,000.00	429,500.00
Oct.	550.00	645.00	279,300.00	28,500.00
Nov.	1,100.00	395.00	11,000.00	9,300.00
Dec.	3,070.00	620.00	219,700.00	13,500.00
	<u>\$ 70,945.00</u>	<u>\$ 33,810.00</u>	<u>\$ 2,704,650.00</u>	<u>\$ 964,600.00</u>

COMPARATIVE STATEMENT OF LOSS

<u>Year</u>	<u>Alarms</u>	<u>Loss</u>
1920	573	\$ 247,511.82
1921	644	440,360.33
1922	738	662,755.54
1923	789	222,463.30
1924	1000	325,920.60
1925	991	447,692.02
1926	1124	375,165.95
1927	946	345,038.02
1928	1052	152,987.26
1929	1261	594,626.02
1930	1630	226,218.44
1931	1570	229,340.57
1932	1704	227,784.05
1933	1289	176,494.84
1934	1292	349,002.81
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

Apparatus

In April of 1959 our new \$250,000. fireboat was put in commission. This new boat has a greater pumping capacity and can be operated at a reduced cost of approximately \$25,000. a year in comparison with the old fireboat which is still in the possession of the City awaiting resale.

A new 750 gallon Mack pumper was purchased during the year and will be delivered in 1960. Since this piece of apparatus will have a 500 gallon booster tank, it will be stationed at Engine 8 and will respond on the 1st alarm for runs to the Portland Airport. The 750 gallon 1953 Maxim pumper now at Engine 8 will be transferred to Engine 11 to replace the 500 gallon 1938 Seagrave pumper, which, in turn, will replace the 1938 McCann pumper on Peaks Island. The McCann pumper will be sent to Long Island replacing a Mack tank truck which was formerly an old chemical purchased in 1924.

Two new cars for the Chiefs were purchased in 1959 replacing 2 cars which had been in service since 1952 and 1954.

Requested in 1960 Budget

1 Crash Truck for Airport. The availability of such a truck is much to be desired in order to furnish adequate protection.

1 - 100 Ft. Aerial Ladder Truck to replace 85 foot Seagrave aerial ladder truck purchased in 1938 which is now at Ladder 6 Station on Park Ave. Ladder 6 would, in turn, replace Ladder 5, which was bought in 1922, and which is stationed at Central.

Apparatus in Service

	<u>Date of Purchase</u>
Engine 1 - 1250 Gal. Triple Combination, Seagrave	1944
" 2 - 1000 " " " "	1929
" 3 - 750 " Quad " Mack	1947
" 4 - 1250 " Triple " Seagrave	1947
" 5 - 1000 " " " American-LaFrance	1955
" 6 - 1250 " " " Seagrave	1937
" 7 - Fireboat - 7000 gallons	1959
" 8 - 750 Gal. Triple Combination Maxim	1953
" 9 - 750 " " " American-LaFrance	1954
" 11 - 500 " " " Seagrave	1938
" 12 - 500 " " " McCann	1938
Rescue 1 - Panel Truck International	1948
Ladder 1 - 75 foot City Service Aerial Combination - Seagrave	1957
" 3 - 65 " " " " " "	1945
" 4 - 65 " " " " " "	1944
" 5 - 75 " Aerial Ladder, Tractor drawn " "	1922
" 6 - 85 " " " " " "	1938
1 - Rescue Boat, complete with trailer & outboard motor	1948
1 - Patrol Truck, 1/2 ton panel, at Peaks Island	1958
1 - Tank Truck, Ford " " " 600 gals	1949
1 - Tank Truck, Dodge " Long Island 600 "	1942
1 - Tank Truck, Mack " " " 400 "	1925
1 - Tank Truck, Chev. " Cliff Island 400 "	1943
1 - Tank Truck, Chev. " Engine 3 300 "	1942

Apparatus in Service (continued)

	<u>Date of Purchase</u>
1 - Motor Hose Truck, Chev., 2 turret pipes at Central	1942
1 - Motor Hose Truck, Dodge, 1 " " " Engine 4	1941
1 - Motor Hose Truck, Chev., 1 " " " Engine 8	1942
1 - Supply Truck, Chev. - "Service Truck" " Central	1953
1 - Repair Truck, Ford - "Maintenance Truck" " India St. Shop	1956
1 - Truck, Ford - "Utility Truck" " Engine 9	1954
1 - Truck, Dodge - "Utility Truck" " Engine 6	1941
1 - Trailer Pump, Darley, 500 Gals. " Engine 2	1941
1 - Trailer Pump, Darley, 500 Gals. " Engine 3	1941
1 - Trailer Pump, Maxim, 500 Gals. " Engine 11	1958
1 - Willys Jeep w/Trailer " Engine 2	1958
1 - Truck, Chev., 1/2-ton pickup "C.D. Property" Engine 2	1957
1 - Car, Ford (Chief's) " Engine 9	1959
1 - Car, Ford (Deputy Chief's) " Engine 4	1959
1 - Car, Plymouth (District Chief's) " Engine 11	1956
1 - Car, Chev. (Fire Prevention) " Engine 3	1953
1 - Car, Chev. (Signal System) " Electrical Bldg.	1955
1 - Car, Ford (Electrical Inspector's) " " "	1954
1 - Truck, Chev. (Signal System) " " "	1953
1 - Ansul Powder Extinguisher, 300# Capacity " Airport	1950

Apparatus in Reserve

Old Engine 7 - Fireboat - 6000 gallons		1931
Old Engine 6 - 1000 Gal. Triple Combination, Mack	at Engine 2	1929
Ladder 7 - 65 foot City Service Aerial, Seagrave	" Engine 11	1936
1 - Tank Truck, Ford	" Engine 9	1930
3 - Hose Sleds		
1 - Exercise Sled		
1 - Single Hose Pump		
4 - Double Hose Pumps		

Hose

There were 2500 feet of 2½" and 2000 feet of 1½" new hose purchased for the Department in 1959.

Hose in Service

First Class	-	2½"	-	8550 Feet
Second	"	2½"	-	30,200 "
"	"	3"	-	8000 "
First Class	-	1½"	-	4450 "
Second	"	1½"	-	10,880 "
"	"	3½"	-	150 "
First Class (Booster)	-	1"	-	-
Second	"	1"	-	3300 "
"	"	3/4"	-	500 "

Report of Hydrants Installed in 1959

13 Hydrants - Portland Division (Public)

Anderson St. at National Biscuit Co.
Boyd St. at End of 8" Main
Congress St. and Eastern Prom.
Eastern Prom. and Cutter St.
Kenwood St. 400 feet West of Brighton Ave.
Larch St. 200 feet West of Cumberland Ave.
Larch and Marion Sts.
Marginal Way at Chaplin Motor Co.
Marginal Way at McDonald Lumber Co.
Moody St. and Eastern Prom.
Washington Ave. near Concourse
Westfield St. at End of 6" Main
Woodmont St. 100 feet East of Payson St.

28 Hydrants - Deering Division (Public)

Bailey Ave. 700 feet East of Eastman Rd.
Bartley Ave. at Lot #20/21
Clayton and Kenneth Sts.
Conant St. at End of 6" Main
Crest View Drive and Bonny St.
Dorothy St. at Lot #78/79
Eastman Rd. and Beal St.
Garrison St. 700 feet West of Westbrook St.
Gertrude Ave. and Thurlow St.
Glen Haven Rd. and Pine Brook Lane
Grand and Rochester Sts.
Harvey and Presnell Sts.
Inverness and Sherwood Sts.
Jeanne St. at Lot #11/12
Lawrence St. at Lot #21/22
Loring Ave. at Lot #28/29
Lucas and Maley Sts.
Ludlow St. and Westminster Ave.
Malilly Rd. at Lot #4/5
Morrill and Cornell Sts.
Morse and Sherwood Sts.
Randall and Illsley Sts.
Riggs and Kent Sts.
Riggs and Devon Sts.
Summit Park Ave. at Lot #19/20
Tucker Ave. and Dover Ave.
Wayside Rd. at Road "A"
Wayside Rd. at Road "C"

4 Hydrants - Deering Division (Private)

Brighton Ave. at Cross Road Motel
City Disposal Area near Ocean Ave. (3 Hydrants)

Total Installation - 45 Hydrants

Portland Fire Department

Maintenance

January 20, 1960

Chief Carl P. Johnson
380 Congress St.
Portland, Maine

Sir:

The following is a report of the maintenance and servicing of the 40 pieces of apparatus and motor vehicles in the Fire Department, as well as station and equipment repairs during 1959.

Each piece of apparatus is serviced for oil changes and chassis lubrication every ninety days, and is also checked for minor repairs.

New tires were added to seven pieces during the year.

The clutches were renewed on six pieces.

The clutch, transmission and rear end were replaced on the Peaks Patrol truck.

New brake linings were installed on six pieces.

Ladder #4 required repairs following an accident, and was repainted at our shop.

A new axle was installed on Ladder #3.

The carburetor was replaced on Engine #4.

Spray paint jobs that were done at our shop included the District Chief's car, Trailer Pump #3 and our Ford pickup truck. The latter also required the installation of new front mudguards.

Old Engine #3 was stripped and a water tower installed for the Public Works Department to be used at the new dump on Ocean Avenue.

New sirens were installed on the two new Fords for the Chief and the Deputy Chief. These cars were also lettered.

Several pieces required the installation of anti-freeze.

A number of trips were made to the different islands to service the various pieces stationed away from the mainland, and repairs were made on the Long Island station by our maintenance division (See report on Stations).

Several alterations or conversions were made on the new fireboat (See report on Stations).

Numerous small jobs were done at the fire stations, such as window repairs, and work on doors, stairs, plumbing, etc. (See report on Stations).

Repairs were made on hose, and a new recording file established for more accurate hose records (See report on Stations).

Equipment such as axes and shovels had new handles affixed. Indian runners were soldered and repaired; ladders repaired; station chairs and desks repaired (See report on Stations).

Stations

The following work in the various stations was done by personnel of the Department, with the exceptions as noted:

Central Station

Repaired hose rack.
Made clothes rack for Deputy Chief's office.
Made hat shelf for closet in Chief's office.
There were 12 new chairs bought under new furniture replacement program.

Engine 2

Replaced broken cold water pipe.
Replaced and painted house sign.
Bath tub removed and new shower installed (outside contractor).
Repairs to roof (outside contractor).

Engine 3

Repaired lock in basement.
Reset wash bowl on main floor.

Engine 4

Repaired both toilets and replaced parts where needed.
Rebuilt and painted house sign.
Checked and repaired doors to pole holes.
Replaced seat in Deputy Chief's chair.

Engine 6

Repaired toilet in basement.
Replaced faucet in bathroom.
Rebuilt kitchen.
Replaced all treads on back stairs.
Repaired and painted house sign.

Engine 7

Installed shelves and closet poles in all lockers.
Installed new shelf for tape machine.
Installed shelf for T.V.
Installed rack for dishes.
Repaired both doors in pilot house.
Installed shelves in all lockers for hose.
Installed racks for hose boxes on deck.
Installed draws and tool locker in engine room.
Replaced ladder from dock to boat.
Installed screen doors to wheelhouse and external openings.
Installed roof hooks on metal ladder.
Constructed ladder for salvage work
Repaired old metal life boat.
Moved out all furniture from Engine #7 quarters.

Stations (continued)

Engine 8

Replaced broken valves and handles on radiators.
Repaired and painted house sign.

Engine 11

Installed back boards for bed lamps on all beds.

Ladder 3

Made carpenter horses for work on ladders.
Built sceens for cellar windows.
Replaced fill valve on oil tank.

Fire Prevention Bureau

Painted easels for display use.
Repaired and painted display for A&P window.
Obtained Christmas tree for Central Station lawn.
Erected signs for Central Station lawn.
Obtained Christmas tree for Watkins' window.
Made poster signs for fire alarm box near Studio 13.
Made poles for 100 ft. Fire Prevention Week sign.
Constructed sign for parade use.
Installed new tank in dark room.

Repair Shop - India St.

Installed new boiler (outside contractor).

Shop - Engine 6


Repaired broken ladder used at Drill School.
Repaired step ladders for all stations.
Repaired shovels for all stations.
Repaired snow scoops for all stations.
Repaired axes for all stations.
Repaired plaster hooks for all stations.
Repaired furniture for all stations.
Measured and numbered all new hose.

Long Island

Constructed rack on tank wagon for 1-1/2 inch hose.
Rebuilt the rack on tank wagon for 2-1/2 inch hose.
Replaced gutter on building.

In addition to the above, all 2-1/2 and 1-1/2 inch hose at each station was tested and measured.

Repaired all broken window cords and replaced glass at each station where needed.


Charles E. Ross
District Chief

Portland Fire Department
Training Program

January 15, 1960

Chief Carl P. Johnson
380 Congress Street
Portland, Maine

Sir:

Officers school was held for a period of six weeks commencing January 12, 1959. A course in radiological monitoring was conducted by William L. Sickman, County Radiological Officer.

All first alarm companies responding to the airport were instructed on the use of liquid and powdered foam.

Drill School for probationers was started in May. Classes were increased from sixteen to twenty. This enabled the drillmaster to devote more time to salvage and ventilation.

Pump School classes were held during July. These classes were increased from four to six, thus allowing more men to attend.

Company drills were held starting in August. The classes were increased from four to six. All companies were notified to bring an inventory of equipment. This permitted the drillmaster to question members of companies about the location of the various equipment stored on the apparatus.

Rescue #1 visited each station twice for instructions on the inhalator, resuscitator, artificial respiration and the Porter cable tool.

A cut away model of a Darley hydrant was obtained from the Portland Water District and all members of all companies were instructed. This should eliminate jamming hydrant stems and cut the cost of repairs.

Five officers from first alarm companies to the airport attended a one day course on Air Crash Fire Fighting at Pease Air Base, Portsmouth, New Hampshire. I also attended this course.

A training course for regular and call members of Engine #12, located at Peaks Island, was conducted for a period of twelve weeks.

Fire Prevention Bureau

January 15, 1960

Chief Carl P. Johnson
380 Congress Street
Portland, Maine

Sir:

As in the past years, the heavy emphasis was placed on the youth education portion of the Fire Prevention Bureau fire safety program. As a new added feature, special attention was given to the handicapped child. Work in this area of fire prevention will produce great dividends and has been cited as a long step forward by many who follow the progress of fire prevention education in this city.

New this year were the following fire safety promotion ideas:

A display of old and new equipment was set up coupled with a loud speaker system to provide fire safety messages and several thousand pieces of literature were distributed during the day and evening at the new Pine Tree Shopping Center during Fire Prevention Week.

A large sign proclaiming Fire Prevention Week was used on Ladder #1 and was given television coverage on Channel 13. The sign was used with the ladder in an upright position with one part mounted on each side of the aerial. We believe that this sign, over 100 feet in length, is the largest of its type ever used in the state.

In cooperation with the Greater Portland Chamber of Commerce, Fire Prevention Committee, three new stuffers were devised. One of these featured Sparky and called attention to Fire Prevention Week and was attached to all of the laundry and dry cleaning bundles returned to their owners in the city. Ten thousand of these were used.

A new stuffer, stressing the rules for Christmas fire safety, was designed and featured Santa and Sparky. Twenty thousand of these were placed in the grocery bags at the check out counters of the super markets in the city.

On "Civic Day" of the Salvation Army drive for their Christmas dinner fund, fire department personnel manned the kettles and used the old hand tub "Atlantic" to call attention to the fact that they were seeking donations; at the same time three thousand pamphlets on Christmas fire safety were distributed. Much of this was done by the men on a voluntary basis.

The Bureau, with the cooperation of the City Health Department artist, the Atlantic Press, the Gannett Publishing Company, and the Chamber of Commerce Committee, created a new character called "Flash the Flame." This stuffer was designed to simulate an old fashioned western style poster with the idea of tying in with the current craze for western television shows. Twenty thousand of these were distributed around the city and a lot of favorable comments have been received.

A new feature in the Christmas fire safety promotion was the erection of a large tree flanked by a big illuminated board on each side carrying Christmas fire safety rules. This display received front page publicity in the Portland Press Herald with very excellent comments.

Home inspection was stressed heavily by news items, school lectures, radio and television items, as well as many personal appearances before groups of people by members of the Bureau. This was done in cooperation with the International Association of Fire Chiefs, the Maine State Chiefs Association, and various Underwriters' organizations, to assist in their campaign to reduce the heavy life and property losses occurring in private dwellings and to help to promote this phase of fire prevention work on a county level.

Newspaper coverage during the year was exceptional. More columnar inches were devoted to fire safety than we have enjoyed for several years. The papers carried almost daily, pictures, articles, and editorials. Through the cooperation of the merchants of the city, advertisements called attention to fire safe practices.

The entire tempo of the Fire Prevention Bureau program, as it applied to public relations and to the ways and means of getting fire safety information into the hands of the public, was increased to a greater measure than ever. The fact that once again, for the third year in succession, there were no fires due to the misuse of Christmas materials, as well as the low fire incidence rate in the city for the year, would seem to indicate that the work of the Bureau is helping to keep our city fire safe.

The Bureau also supervised and participated in the following during 1959:

Presented Sparky shows to 6,754 children in public and private schools.

Presented Sparky shows to 680 children in clubs and youth groups.

Presented Sparky-Smokey the bear shows to 7,468 children in public schools.

Presented Sparky-Smokey the bear shows to 14,902 children in schools and to private groups.

Fire Prevention Bureau

January 15, 1960

Chief Carl P. Johnson
380 Congress Street
Portland, Maine

Sir:

I respectfully submit a summary of the work of the Fire Prevention Bureau for the year 1959.

A total of 19,246 inspections were made by this department of which 1943 violations were found and corrected or turned over to other departments for correction.

1751 written notices were issued on these violations. 2080 complaints were investigated and some of these were eliminated. There are others still pending with no grounds for legal enforcement. 2587 reinspections were made.

The total number of inspections for 1958 was 33,352. As stated in the 1958 report, surveys were made of all churches, schools, and dilapidated buildings. This has been brought far into 1959. This, plus the fact that Engine #3 and Engine #11 were brought into the city to cover Ladder #5 inspection district, caused a decrease in the annual total of single houses. Since Ladder #3 was out of service for 34 days, we have another contributing factor for the fall off on our total.

A breakdown of the violations encountered during the year are as follows:

Misuse of electricity

Trash in cellars

Structural defects in multiple family dwellings

Defective heating appliances

Outdoor incinerators

Defective chimneys

Gasoline fumes in cellars from leaking gasoline tanks in service stations and garages

Poor housekeeping in work rooms in large manufacturing plants

Inadequate exits and exit lights

Respectfully submitted,

R.H. Flaherty
R.H. Flaherty
Captain

Presented movie and slide talks to 2,210 adults and children.

Provided film strips and movies for use by the visual education division of the public schools for 3,500 school children.

Planned and took part in 60 television and radio shows during the year.

Planned and executed 30 windows for Fire Prevention Week and one special window for the Christmas fire safety program.

Set up billboard for Fire Prevention Week at Woodfords corner.

Set up special billboard type of display with tree on Central Station lawn for Christmas fire safety program.

Members of the Bureau attended 70 meetings and gave talks as well as show slides and movies on fire safety during the year.

Over 300 photos were taken and processed for the department and allied city departments.

Over 120,400 pieces of educational fire prevention literature was given to the public during the year.

Portland gained great success in fire prevention activities. The Department, once again entered the National Fire Protection Association fire prevention activities contest. We are happy to state that we placed:

No. 1 for Catagory IV (Population 50,000 to 99,000)

No. 1 for the State of Maine

No. 9 for the United States (with 242 others competing)

This represents a continued climb in our national position over a five year period. Placing ninth represents 100% increase over our position in the nation last year.

Haswell M. Bruns
Haswell M. Bruns
District Chief

Portland Fire Department
Personnel

January 19, 1960

Chief Carl P. Johnson
380 Congress Street
Portland, Maine

Sir:

With the commissioning of the new fireboat in April of 1959, the authorized strength of the Fire Department was reduced to 205 men, 6 men less than the 211 previously authorized.

Due to the retirement of District Chief Joseph N. Fortier and Captain James Beecher plus the resignation of Privates John E. Coyne and Thomas R. Mulkern, we are 4 men short of our authorized strength.

Four men were appointed provisional members of the department during the year 1959:

Lamont C. Willoughby	Albert R. Thompson
Robert J. Fitzsimmons	Norman E. Lewis

Albert R. Thompson resigned to accept employment in California.

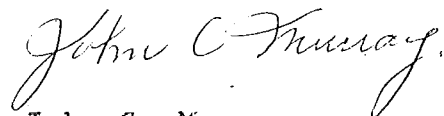
Eight men were appointed permanent members of the department during the year as follows:

John N. Fitzpatrick	Clifford L. Robichaud
Robert N. Davis	Donald N. Burdwood
John E. Coyne	John R. Flaherty
Mark R. Holt	Thomas L. MacMillan

John E. Coyne subsequently resigned to enter business for himself as did John J. Bennett, to accept employment in the post office.

Examinations for Lieutenant were held on March 10, 1959. Leonard N. Stanhope headed the list and was appointed Lieutenant on April 19, 1959.

On January 3, 1960, advertising was placed in the newspapers for applicants for provisional appointments. Since that date, 71 men have applied making a total of 142 men to date.


John C. Murray
Deputy Chief

A ten week course on First Aid plus an advanced course for a period of six weeks was conducted for the Harold T. Andrews Post Rescue Unit. This unit is part of the local Civilian Defense.

Respectfully submitted,

William H. Johnson

William H. Johnson

District Chief

Training Officer

Public Safety on Peaks Island

The following is a record of police work performed by the Peaks Island Public Safety Patrol:

Complaints	124
Emergency - Fireboat	43
" - Casco Bay Boat	58
" - Coast Guard	-
Help or Aid	281
Public Health Nurse Trips	164
Miscellaneous	216

Pensions

The following members of the Department were retired on pension:

Lt. Kenneth P. Cooledge - Feb. 1, 1959
Capt. James L. Beecher - Nov. 6, 1959
Dist. Chief Joseph N. Fortier - Dec. 27, 1959

Deaths

	<u>Pensioned</u>	<u>Died</u>
Pvt. Joseph M. Green	9/10/56	2/28/59
Lt. James L. MacVane	5/23/56	11/16/59

Fatalities

George Lynch, age 57, burnt to death in fire at 77-79 Sherman St. on February 15, 1959.

Thomas Corbett, age 45, died on April 1 from burns received in fire at 125 Park St. on March 28, 1959.

Financial Statement

<u>Total Appropriations & Credits</u>	<u>Total Expenditures</u>	<u>Unpaid Incumbrances</u>	<u>Unincumbered Balance</u>
\$ 1,033,543.00	\$ 1,004,056.29	\$ 19,340.47	\$ 10,146.24

Conclusion

In submitting my fourth annual report, I wish to express my sincere appreciation to the Members of the City Council and to the City Manager for the interest they have taken in the Department and for the support they have accorded me during the third year of my administration.

I am grateful to the Members of the Department for the respect they have shown me at all times, and for the faithful and efficient manner in which they have performed their duties.

Respectfully submitted


Carl P. Johnson
Chief of Department

ROSTER OF THE DEPARTMENT

Carl P. Johnson

Chief

John C. Murray
William H. Johnson
Haswell M. Bruns
Charles E. Ross

Deputy Chief
District Chief
" "
" "

1959

Engine Company No. 1

Station No. 380 Congress Street

Seagrave combination pumper (1250 gal. capacity) carrying 1550 feet of 2-1/2 inch hose, 200 feet of 3 inch hose, 300 feet of 1-1/2 inch hose, 100 gallon booster tank with 250 feet of booster hose, and 38 feet of ladders.

No. of Badge	Name	Rank	Age	Residence
19	Edward M. Hopkins	Captain	56	1566 Congress St.
34	Boyd E. Drake	Lieutenant	47	36 Loring Ave.
136	John T. Sloan	Private	33	9 Bailey Ave.
167	Vincenzo P. Colello	"	31	185 Newbury St.
54	Stanley M. Bailey	"	33	282 Woodford St.
110	John F. Powell	"	36	56 Federal St.
147	Joseph J. Caiazzo	"	27	43 Alder St.
104	Gerald E. Hutchins	"	31	Daniel St., Peaks Island
151	Michael J. Greeley	"	33	298 Ray St.
88	Thomas S. Minervino	"	28	23 Walton St.
	Norman E. Lewis	Provisional	23	12 Cleaves St., Yarmouth

Engine Company No. 2

Station No. 134 Congress Street

Seagrave triple combination pumper (1000 gal. capacity) carrying 1300 feet of 2-1/2 inch hose, 200 feet of 3 inch hose, 200 feet of 1-1/2 inch hose, 60 gallon booster tank with 250 feet of booster hose, and 36 feet of ladders.

No. of Badge	Name	Rank	Age	Residence
13	Samuel Gerber	Captain	47	119 Congress St.
31	Vernon R. Tucker	Lieutenant	36	322 Stevens Ave.
117	Joseph N. Germani	Private	47	82 India St.
64	Antonio G. Anania	"	39	285 Brackett St.
118	John J. Rielly	"	41	71 Beckett St.
156	Charles A. Gildart	"	36	31 Cushman St.
49	Francis W. Herbert	"	32	170 Woodlawn Ave.
157	Edward S. Moulton	"	32	7 Island St.
185	Samuel M. Marcisso	"	26	12 Randall St.
201	John N. Fitzpatrick	"	26	101 Virginia St.
92	John R. Flaherty	"	24	29 Emerson St.
47	Lamont C. Willoughby	Provisional	25	9 Melbourne St.

Engine Company No. 3

Station No. 212 Stevens Avenue

Mack "Quad" combination (750 gal. capacity) carrying 1000 feet of 2-1/2 inch hose, 100 feet of 3 inch hose, 200 feet of 1-1/2 inch hose, 100 gallon booster tank with 150 feet of booster hose, and 233 feet of ladders.

No. of Badge	Name	Rank	Age	Residence
9	George J. Foley	Captain	58	24 Washburn Ave.
33	Robert L. Callahan	Lieutenant	41	916 Washington Ave.
29	Melvin E. Ireland	Swing Lieut.	41	88 Tucker Ave.
84	John Montefusco	Private	45	43 Anson Rd.
132	Charles E. Niles	"	44	146 Chadwick St.
63	Harry E. Kennedy	"	42	508 St. John St.
146	Earl W. Elmore	"	42	34 Clinton St.
170	Leigh W. Sellick	"	33	22 Lucas St.
139	Robert R. Foss	"	31	124 Sherman St.
59	Angelo A. Palazzo	"	34	431 Brighton Ave.
73	Donald E. Stuart	"	28	43 Taft Ave.
182	Vernon H. Vincent	"	36	10 Howard St.
	Robert N. Davis	"	27	668 Auburn St.

Engine Company No. 4

Station No. 155-157 Spring Street

Seagrave triple combination pumper (1250 gal. capacity) carrying 1800 feet of 2-1/2 inch hose, 200 feet of 3 inch hose, 200 feet of 1-1/2 inch hose, 100 gallon booster tank with 250 feet of booster hose, and 38 feet of ladders.

No. of Badge	Name	Rank	Age	Residence
17	John A. Olson	Captain	44	33 Arthur St.
27	John F. Rafferty	Lieutenant	47	13 Eastern Promenade
46	Leslie E. Conley	Private	44	164 Washburn Ave.
113	Joseph B. Foley	"	35	67 Mabel St.
71	William J. E. Reardon	"	34	112 Sherman St.
180	Ronald G. O'Brion	"	28	94 Irving St.
162	Leo A. Foisy	"	36	6 Freemont Place
103	John D. Lambert	"	32	103 Brackett St.
65	Robert A. O'Donnell	"	31	18 Ivaloo St.
183	Alfred C. Brown	"	34	32 Smith St.
196	Lloyd E. Cook	"	25	530 Ocean Ave.
127	Arthur M. Lavigne, Jr.	"	35	Island Ave., Peaks Island

Engine Company No. 5

Station No. 380 Congress Street

American LaFrance triple combination pumper (1000 gal. capacity) carrying 1550 feet of 2-1/2 inch hose, 200 feet of 3 inch hose, 350 feet of 1-1/2 inch hose, 150 gallon booster tank with 200 feet of 1 inch booster hose, and 38 feet of ladders.

No. of Badge	Name	Rank	Age	Residence
10	Joseph R. Gremo	Captain	37	12 Winthrop St.
25	John J. Flynn	Lieutenant	34	Central Ave., Peaks Island
87	Arthur E. Duncanson	Private	40	67 Merrill St.
80	Vernon P. Libby	"	42	20 Dorset St.
158	Joseph S. O'Connell	"	36	39 Bradley St.
76	George E. Herbert	"	31	69 East Kidder St.
98	Carl A. Pierce	"	30	7 May St.
95	Martin T. Macisso, Jr.	"	29	1 Monument St.
177	Russell C. Stillings	"	39	23 Munjoy St.
75	Thomas C. Burgess	"	25	58 Fessenden St.
	Alfred C. DiFiore	"	27	105 Fore St.
107	John B. Peverada, Jr.	"	32	34 Orkney St.

Engine Company No. 6

Station No. 295 Park Avenue

Seagrave triple combination pumper (1250 gal. capacity) carrying 1200 feet of 2-1/2 inch hose, 200 feet of 3 inch hose, 100 feet of 1-1/2 inch hose, 100 gallon booster tank with 250 feet of booster hose, and 36 feet of ladders.

No. of Badge	Name	Rank	Age	Residence
2	Elmer L. MacKenzie	Captain	53	623 Washington Ave.
43	LaVern J. Jerome	Lieutenant	37	R-1218 Congress St.
82	Edward R. Cooper	Private	37	78 Lane Ave.
141	William J. Barbrick	"	43	R-315 Spring St.
133	Ervin L. Sorensen	"	38	143 Bolton St.
106	Joseph J. McKeon	"	32	11 Hall St.
194	William C. Lewis	"	27	3 Pierce Ave.
57	Robert Stewart	"	23	11 Sheridan St.
60	Bradford N. Martin	"	31	188 Franklin St.
135	Raymond A. Henderson	"	44	61 Montreal St.
188	Howard A. Miller	"	27	65 Powsland St.
164	Anthony J. Peverada	"	41	104 Cumberland Ave.

Engine Company No. 7

Station, West Side of State Pier

Diesel Fire Boat "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 cu. ft. of foam in 23 minutes; CO² system (400 pounds in 8 cylinder 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.

No. of Badge	Name	Rank	Age	Residence
3	Eugene P. Temple, Jr.	Captain	48	85 Ray St.
23	William F. Stanhope	Lieutenant	52	10 Madison St.
114	Clifford J. White	Engineer	45	33 Turner St.
52	Alan E. Stanhope	"	37	45 Mountfort St.
90	Byard W. Metcalf	"	41	167 Brackett St.
121	Raymond S. Herrick	"	40	Sterling St., Peaks Island
172	Edward E. Cushing	Pilot	53	28 Dalton St.
55	George H. Lopes	"	50	6 Kendall St.

Engine Company No. 8

Station No. 536 Deering Avenue

Maxim triple combination pumper (750 gal. capacity) carrying 1900 feet of 2-1/2 inch hose, 100 feet of 3 inch hose, 300 feet of 1-1/2 inch hose, 150 gallon booster tank with 250 feet of booster hose, and 38 feet of ladders.

No. of Badge	Name	Rank	Age	Residence
6	Clement O. Dodd	Captain	43	56 Pennell Ave.
397	Chester R. McAlister	Lieutenant	55	300 Riverside St.
111	Joseph E. Thomas	Private	35	563 St. John St.
144	Charles E. Thomas	"	42	368 Ray St.
204	Clinton M. Davis	"	35	9 Cushman St.
186	Peter E. Anania	"	29	94 Irving St.
181	Anthony S. Feato	"	37	32 Arcadia St.
78	Peter J. McFarland	"	26	36 Spruce St.
195	Kenneth E. Thomas	"	25	235 Pleasant Ave.
148	George S. Howard	"	36	17 Berry Ave.
51	William E. Darling	"	26	13 Josslyn St.

Engine Company No. 9

Station No. 11 Arbor Street

American LaFrance triple combination pumper (750 gal. capacity) carrying 1600 feet of 2-1/2 inch hose, 100 feet of 3 inch hose, 500 feet of 1-1/2 inch hose, 150 gallon booster tank with 250 feet of booster hose, and 35 feet of ladders.

No. of Badge	Name	Rank	Age	Residence
15	Clarence O. Olsen	Captain	46	106 Presumpscot St.
36	Edward E. Platts	Lieutenant	50	63 Broadway
174	Frederick M. Cox	Private	32	23 Alba St.
184	James Nitsche	"	26	286 Congress St.
197	Herbert P. Miller	"	25	810 Congress St.
130	Philip M. Sloan	"	36	9 Bailey Ave.
140	William J. Dempsey	"	32	5 Godfrey St.
102	Edward E. Dennison	"	36	73 Canco Rd.
81	Leonard S. D'Amato	"	39	47 Stevens Ave.
165	Theodore J. Axelsen	"	38	55 Commonwealth Drive
120	Joseph A. E. Paulin	"	34	1146 Congress St.
191	Philip C. Poland	"	30	82 Newton St.

Engine Company No. 11

Station No. 574 Ocean Avenue

Seagrave triple combination pumper (500 gal. capacity) carrying 1650 feet of 2-1/2 inch hose, 400 feet of 1-1/2 inch hose, 100 feet of 3 inch hose, 100 gallon booster tank with 250 feet of booster hose, and 46 feet of ladders.

No. of Badge	Name	Rank	Age	Residence
8	Nelson H. Huff	Captain	52	33 Wordsworth St.
30	George H. Carson	Lieutenant	58	112 Read St.
77	George C. Tinkham	Private	48	32 Grant St.
79	William J. Conley	"	42	28 Vermont Ave.
124	Arthur S. Noyes	"	41	37 West Kidder St.
89	John J. Towle	"	36	57 Upland Ave.
69	Arthur E. Best	"	34	110 Woodford St.
68	Royal E. McIntyre	"	41	18 Caleb St.
175	Leslie M. Richardson	"	38	104 Read St.
176	Francis E. Fenney	"	37	113 Gilman St.
173	John D. Macfarlane	"	41	76 Woodlawn Ave.

Engine Company No. 12

Station, Peaks Island

McCann triple combination pumper (500 gal. capacity) carrying 1500 feet of 2-1/2 inch hose, 300 feet of 1-1/2 inch hose, 200 gallon booster tank with 250 feet of booster hose, and 36 feet of ladders.

No. of Badge	Name	Rank	Age	Residence
24	Malcolm M. Murray	Lieutenant	48	Centennial St., Peaks Island
21	Fréd A. Adams	"	44	21 Eleanor St.
35	Leonard N. Stanhope	"	36	572 Washington Ave.
28	Thomas F. Moran	Private	54	38 Murray St.
126	Theodore W. Low, Jr.	"	37	Luther St., Peaks Island

Rescue Company No. 1

Station No. 380 Congress Street

International Panel Truck, Metro Body K.B.-1, equipped with rescue and lifesaving devices.

No. of Badge	Name	Rank	Age	Residence
18	Eric I. Abrahamson	Captain	46	189 Ocean Ave.
40	George M. Bidwell	Lieutenant	35	29 Sheridan St.
91	Wilfred A. Hamilton	Private	33	27 Cabot St.
42	Stephen G. Hasson	"	30	Whitehead St., Peaks Island
129	Gerard L. Chase	"	29	56 Parrie St.
97	Norton Montgomery, Jr.	"	30	Greenwood St., Peaks Island

Ladder Company No. 1

Station No. 380 Congress Street

Seagrave combination aerial ladder truck carrying 75 foot aerial ladder, a total of 321 feet of ladders, and one (1) 200 gallon booster tank with 400 feet of booster hose.

No. of Badge	Name	Rank	Age	Residence
14	Frederick S. Shuman	Captain	43	160 Maine Ave.
37	Samuel DiBiase	Lieutenant	44	13 Fox St.
96	Carl H. Shapazian	Private	33	17 Atlantic St.
115	Lewellyn C. Smith	"	30	54 Bailey Ave.
154	Louis Napolitano	"	33	96 Emery St.
99	Stanley Butkus, Jr.	"	39	Herman Ave., Peaks Island
69	Robert O. McLaughlin	"	40	73 Waterville St.
200	Jean P. Petrin	"	24	11 North St.
193	George G. Burgess	"	32	New Island Ave., Peaks Island
192	Henry F. Beaumier	"	29	148 Taft Ave.
	Robert J. Fitzsimmons	Provisional	23	243 Valley St.
56	Thomas L. MacMillan	Private	30	Corliss Rd.

Ladder Company No. 3

Station No. 163 Brackett Street

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.

No. of Badge	Name	Rank	Age	Residence
12	Joseph F. Kane	Captain	37	26 Spruce St.
32	Merton L. Hoyt	Lieutenant	50	10 Westlawn Rd.
44	Frederick L. McCarthy	Swing Lieut.	35	23 Westlawn Rd.
85	Richard L. Barter	Private	28	47 Fallbrook St.
67	Alfred S. Brown	"	32	131 Sherman St.
142	Thomas J. Flaherty	"	33	119 Clark St.
178	Foster F. Fowler	"	38	59 Merrill St.
122	Albert F. Gendrolis	"	32	21 Powsland St.
190	Samuel E. Jones	"	36	43 Douglass St.
109	Leo J. Landry	"	35	1321 Congress St.
168	Lawrence C. McInnis	"	28	96 Winter St.
53	Thomas G. O'Connor	"	43	249 Vaughan St.
145	Clifford L. Robichaud	"	25	548 St. John St.
187	Philip R. Viola	"	25	100 Newbury St.

Ladder Company No. 4

Station No. 11 Arbor Street

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.

No. of Badge	Name	Rank	Age	Residence
16	Lawrence H. Murray	Captain	54	60 Kenilworth St.
42	William J. Wernig	Lieutenant	37	62 Commonwealth Drive
41	James O. Flaherty	Swing Lieut.	34	1008 Washington Ave.
138	John J. Manning	Private	43	10 Lincoln St.
61	John L. Winch, Jr.	"	37	48 Alder St.
152	Donald N. Burdwood	"	32	72 Irving St.
112	Royal E. Poulin, Jr.	"	32	112 Front St.
94	Herbert M. Johnson	"	31	333 Ray St.
143	Robert M. Jackson	"	39	286 Congress St.
45	John P. Green	"	38	30 Craigie St.
198	Philip A. MacVane	"	30	110 Ocean Ave.

Ladder Company No. 5

Station No. 380 Congress Street

Seagrave aerial ladder truck, tractor drawn, with 75 foot aerial ladder, and carrying 465 feet of ladders.

No. of Badge	Name	Rank	Age	Residence
7	Woodbury H. Ridley	Captain	46	200 Deering Ave.
26	Leonard G. Duggan	Lieutenant	34	1014 Washington Ave.
72	Peter F. Morelli	Private	32	286B Congress St.
137	Dominic L. Faletta	"	31	49 Brackett St.
74	Edwin E. Curtis	"	45	87 Lincoln St.
166	Edward A. Smith	"	32	117 Ashmont St.
93	Enos R. Alden	"	57	Ryefield St., Peaks Island
131	Lawrence G. Hasson	"	32	Sterling St., Peaks Island
58	William H. Nam	"	35	16 Mayo St.
105	Frederick N. Arsenault	"	31	1708 Washington Ave.
199	Vincent L. Marcisso	"	31	1 Monument St.
203	Mark R. Holt	"	28	148 Veranda St.

Ladder Company No. 6

Station No. 295 Park Avenue

Seagrave combination aerial ladder truck, tractor drawn, with 85 foot aerial ladder, and carrying 465 feet of ladders, and one (1) 85 gallon booster tank with 200 feet of booster hose.

No. of Badge	Name	Rank	Age	Residence
5	Thomas H. Markley	Captain	50	150 Congress St.
22	Clifford H. Winn	Lieutenant	48	48 Monument St.
20	Richard H. Carson	Swing Lieut.	40	87 Concord St.
86	John M. Ney, Jr.	Private	35	23 Douglass St.
100	Bertrand A. Walker	"	41	2065 Washington Ave.
155	Everett P. Swasey	"	42	117 Virginia St.
50	Peter V. Ciriello	"	33	21 Arlington St.
179	Joseph D. Miller	"	30	65 Devon St.
119	William E. Nugent	"	36	25 Sawyer St.
161	Stanley W. Lynch, Jr.	"	35	1336 Forest Ave.
116	James E. Lee	"	39	46 Caleb St.
134	Robert T. Bachelder	"	33	48A Winter St.

Fire Prevention Bureau

380 Congress Street

7	Robert H. Flaherty	Captain	56	108 Noyes St.
28	Philip J. Leonard	Lieutenant	47	43 Frances St.
62	John B. Martin	Private	57	172 Frances St.
70	Charles L. Skerritt	"	32	131 Ocean Ave.
149	Carl P. Jensen	"	35	9 Boynton St.

Administrative Division

Martin G. Ney	Capt. (Admin.)	47	11 Rudman Rd.
Peter F. Kane	Cl.-Sten. III	45	13 Cove St.
Robert H. Christy	Chief's Aide	40	1487 Washington Ave.
Frank T. Coughlin	Stock Clerk	59	103 Bradley St.

Repair Division

Philip O. Bruns	Mechanic	60	129 Sherwood St.
Alfred H. Schwabenhausen, Jr.	Ass't. Mech.	43	234 Front St.

REPORT OF SIGNAL SYSTEM

YEAR - 1959

OVERHEAD CONSTRUCTION

The following are locations where new crossarms were put up due to the necessity of transferring to new poles, or for the purpose of new construction and extending our existing overhead lines:-

North Street	20 poles	new crossarms, new wire
Washington Avenue	22 poles	new crossarms, new wire
Walton Street	11 poles	new crossarms, new wire
Gould Street	8 poles	new crossarms, new wire
Falmouth Street	5 poles	new crossarms, new wire
Forest Avenue	9 poles	Transferred to new poles
St. Johns Street	5 poles	new crossarms
Warren Avenue	4 poles	new crossarms
Capisic Street	6 poles	new crossarms
Ocean Avenue	3 poles	Transferred crossarms, renewed wire
Stevens Avenue	3 poles	Transferred crossarms
Dirigo Street	6 poles	new crossarms, new wire
Allen Avenue	4 poles	Transferred to new poles
Nevens Street	2 poles	New crossarms
Prospect Street	6 poles	new crossarms, new wire
St. James Street	2 poles	new crossarms, new wire
Pennell Avenue	3 poles	Replaced crossarms
Orkney Street	5 poles	Rewired
Auburn Street	3 poles	Transferred to new poles
Summitt Street	4 poles	new crossarms, new wire

In the afore-mentioned a total of 13,600 feet of #9 iron wire was expended, for purposes of renewing portions of circuit with defective insulation, or in extending existing facilities to new installations.

In the Spring and Fall and after every storm a complete check was made on all overhead wiring and immediate repairs were made to correct defects.

All overhead lines were limbed out twice during the year; all slack lines were pulled up, and all aerial terminal boxes checked for loose connections, bad wiring and old fuses replaced with Brock #184 line fuses.

UNDERGROUND CONSTRUCTION

We continued this year a program of renewing our cable plant, particularly those sections which have been a constant source of trouble and maintenance calls have been numerous.

We have replaced these sections with multi-conductor polyethylene signal cable, and in each case circuit proficiency has improved 100% and our maintenance factor has dropped appreciably.

Beering Avenue from Congress St. to Sherman St.	450'	of 10 conductor
Congress Street-Oak to Upper Elbows	625'	of 30 conductor
Congress Street - Upper Shaws to State St.	1400'	of 30 conductor
Myrtle Street-Congress St. to Cumberland Ave.	600'	of 2 conductor
Washington Ave.-Gould St. to Veranda St.	4500'	of 30 conductor
Commercial St. - E#7	400'	of 10 conductor
Neal Street-Congress St. to 1st manhole	150'	of 10 conductor
North Street-to Jack Jr. School	160'	of 10 conductor
Oakdale St.-to Oakdale School	145'	of 2 conductor T.W.

A total of approximately 4500 pounds of junk cable was salvaged from the aforementioned operations, and was transported to a salvage dealer.

Our salvage program was not as complete as in previous years; that was due to lack of proper equipment, and consideration of safety factor in congested and heavily traveled areas.

In conjunction with the above a total of 1245 feet of rigid conduit was expended as replacement or installed on new additions on the system.

137 maintenance checks were made on the underground system throughout the year. These calls were necessitated by mal-functioning of cable, open wires, grounds on system, etc.

Installation of new cable, coupled with routine maintenance checks has held our voltage loss to ground to a new low in comparison with past records.

We experienced a total of 12 open circuits on the signal system this past year. Trouble was due to variable causes such as vehicle accidents, ice storms, oxidization of wiring, excavating by contractors, etc. Work that was deemed necessary to restore circuits to operating conditions was performed.

NEW CONSTRUCTION

Alarm board at E#2 was completely repaired at E#2, new punch register, take up reel, bells, nite lite relay and board lite was installed.

Alarm board at L#3 was completely repaired. New punch register, take up reel, bells, and nite lite switch and running board lite was installed.

Installed new alarm system on new fire boat. Ran underground conduit for fire and telephone facilities. Wire in 100 amp service for shore power. Constructed utilities housing box for shore power facilities.

Wired in temporary service for heating purposes on old E#7.

New nite lite contactor was installed on lighting system at Central Station.

A 30 amp outdoor service was installed at Central Station for fire prevention division for purposes of outside advertising.

Four new fire alarm boxes were added to the system and five of the old Ideal boxes were replaced with new three fold fire alarm boxes.

A new fire alarm book was made up and published September 1, 1959. This now affords the city proper and its out-lying districts increased coverage and protection. This new stepup provides additional apparatus to all boxes covering our mercantile and school districts.

A mutual aid system has been set up with the towns of Westbrook, South Portland, Cape Elizabeth, Scarborough and Falmouth, thereby assuring fire protection in all districts at all times.

Our still alarm and apparatus dispatching card index system was also revamped and brought up to standards, thereby increasing efficiency of operations and allowing dispatching of apparatus were rapidly.

MAINTENANCE

A monthly test was performed on all fire alarm boxes in the system. Boxes that mal-functioned during test were put out of service, brought into the shop, necessary repairs made and then put back into service.

All alarm circuits emanating from the electrical building were tested three times daily, if circuit discrepancies were noted while taking meter readings, trouble was rectified and circuit tested.

All alarm equipment in the Central office and in all engine houses was inspected for malfunctioning parts, cleaned, oiled and all terminals and wiring checked.

A graph was made of battery proficiency and this was maintained throughout discharge testing of system signal batteries.

Numerous fire alarm cable, police boxes were painted and fire indicating signs placed on alarm boxes adding greatly to the conspicuousness of alarm boxes.

PEAKS ISLAND

A total of eight trips was made to Peaks Island for various causes. Semi-annual inspection of overhead wiring, limbing lines, malfunctioning of alarm equipment, repair of household electrical equipment, transferring of crossarms and wiring to new poles.

DIAMOND ISLAND

Two trips were made to Diamond Island for the purposes of changing control batteries and lubricating motors.

LONG ISLAND

Two trips were made to the Island. Lubricating motors, changed control batteries, and relocation of alarm siren.

CLIFF ISLAND

Four trips were necessary to Cliff Island to repair storm damage to control box. Installed new radio antenna, added new alarm siren, and changed controls from low to high voltage operation on alarm sirens.

AIR RAID SYSTEM

A weekly test was conducted on air raid circuits, and malfunctioning plants were immediately attended to. Defects were due to faulty timing mechanism, grounds in control wiring, blown fuses.

All plants were checked semi-annually for lubrication and condensation.

POLICE SIGNAL SYSTEM

Three new exemplar telephone boxes were installed on the system as replacements for defective and out-moded units. The installation of the aforementioned improved greatly police telephone communications. The phone housing of the old boxes was converted to aerial terminal boxes on the systems overhead, used as replacement for old wooden constructed boxes.

A total of 93 calls was made on the police system for various causes such as open wiring, grounds on circuit, switch board troubles, malfunctioning of police blue light circuit, etc.

Electrical Inspector's Report

Permits for New Service	201
" " Additional Service	236
" " Temporary Service	61
Places Inspected	827
Number of Inspections	1730
Electrical	921)
Oil Burners	341)
	1262
Journeyman Licenses Issued	220
Wiring Condemned	24
Services Cut Off	24
Examinations Conducted	0

Roster of Signal Division

Electrical Building - Alarm Headquarters

118 Federal St.

<u>Name</u>	<u>Position</u>	<u>Age</u>	<u>Residence</u>
Thomas A. Herbert	Foreman	36	4 St. Lawrence St.
Cyril D. Hill	Elec'l. Inspector	63	5 Sterling St., Peaks Island
Orlando F. Ferrante	Lineman	36	9 St. Lawrence St.
Raymond H. Boyle	"	45	Island Ave., Peaks Island
Judson R. Carver	"	28	41 Luke St.
Arnold E. Thurlow	Chief Operator	46	13 Avalon Rd.
Raymond D. Hatch	Operator	60	8 Dale St.
Richard K. Fogg	"	48	19 Devon St.
Clarence R. Cobb	"	46	102 Bell St.
Kenneth G. MacMillan	"	32	69 Veranda St.
James N. Hughes, Jr.	"	31	244 Pleasant Ave.