

ANNUAL REPORT
of the
PORTLAND FIRE DEPARTMENT

From: January 1, 1960 to December 31, 1960, inclusive

To the: Honorable City Council of Portland

Gentlemen:

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

Total Estimated Fire Loss \$ 169,100.00

Compared to 1959 loss - increase of \$ 64,345.00

Percentage Increase ~~38%~~ 61 0/100

Note: This increase can be attributed to more major fires. We had 8 multiple alarms compared to only 2 in 1959.

Number of Fires with loss of \$1000 or over 24

Fire Loss from these fires \$ 156,050.00

Percentage of total loss 92.3%

Losses and Insurance

	<u>Valuation</u>	<u>Insurance</u>	<u>Loss</u>
Buildings	\$4,730,000.00	\$4,584,102.00	\$100,680.00
Contents	396,200.00	283,450.00	68,420.00
	<u>\$5,126,200.00</u>	<u>\$4,867,552.00</u>	<u>\$169,100.00</u>

Percentage of loss to total value of property involved 3.3%

Number of Fires with Losses of \$1,000 or More

1941 - 30	1951 - 10
1942 - 30	1952 - 14
1943 - 24	1953 - 17
1944 - 34	1954 - 18
1945 - 30	1955 - 20
1946 - 23	1956 - 22
1947 - 13	1957 - 23
1948 - 14	1958 - 29
1949 - 14	1959 - 22
1950 - 14	1960 - 24

PROPERTY OF
PORTLAND FIRE DEPT.

Consolidated Yearly ReportClassification of Alarms

Telephone or Still	1517
Telephone Transmitted as Bell	63
Bell	286
A.D.T.	<u>11</u>
Total Alarms	1877

Fires

	Confined to Floor	103)	
In Buildings (Actual)	Confined to Building	23)	126
	Extending to Adj. Bldg.	-)	
In Buildings (No Loss)			292
Brush, Grass, Leaves, Rubbish			299
Dump Fires			50
Woods Fires			42
Vehicles in the street			137
Boats			2
Misc. fires outside			<u>138</u>
Total Fires			1086

Calls Other Than Fires

Rescue or Emergency	230
False Alarms	138
No Fire or Needless	388
Automatic Sprinkler--No Fire	<u>33</u>
Total Calls Other Than Fire	789
Total Alarms in the City	1875

OUT-OF-CITY CALLS

	<u>2</u>
Total Alarms	1877

Consolidated Yearly ReportDirect Fire Loss

Fire Loss (Estimated Figure)	\$ 169,100.00
Persons killed by fire	3
Persons injured by fire	1

Fire Loss Index Figures

Fires per 1000 Population	1.482
Fires per \$1,000,000 Bldg. Valuation	2.355
Fire loss per capita	\$ 1.99
Fire loss per \$1,000,000 Total Tax Valuation	\$ 1527.55
Average fire loss per building fire	\$ 1342.06

Number of Fires by Size of Loss

(Buildings and Contents)

Over \$15,000	3
\$5,000 to \$15,000	6
\$1,000 to \$5,000	15
\$100 to \$1,000	33
Less than \$100	69
No Loss	292

Inspections & Investigations

Investigation of Complaints	1596
Total Fire Prevention Inspections	27,570
Violations Found	1464
Notices Issued	1004
Follow-up Inspections of Violations	2437
Total Fires Investigated	5
Determined Accidental	-
Determined Incendiary	2
Determined Suspicious	1
Undetermined Origin	2

Use of Equipment at Fires

Feet of 1-inch hose (booster) used	135,500
Feet of 1½-inch hose used	19,800
Feet of 2½-inch hose used	68,150
Feet of 3-inch hose used	12,450
Feet of ladders used	6632
Salvage covers spread	138

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	11		
2. Defective or Overheated Chimneys	45	1300.00	.0077
3. Sparks on Wooden Shingle Roofs	-		
4. Sparks on Other Roofing	-		
5. Defective Heaters	-		
6. Rubbish Near Heaters	3	3600.00	.0213
7. Combustibles Near Heaters	7	2075.00	.0123
8. Open Lights, Flames	10	34,770.00	.2056
9. Hot Ashes	-		
10. Oil Burners	116	8165.00	.0483
11. Starting Fires w/kerosene, gasoline	-		
12. Careless Smoking	78	23,110.00	.1367
13. Children with Matches	27	5835.00	.0345
14. Other Careless Use of Matches	-		
15. Defective Electric Wiring	13	440.00	.0027
16. Electric Motors and Appliances	29	10,660.00	.063
17. Home Dry Cleaning	-		
18. Other Use of Flammable Liquids	1	35.00	.0002
19. Lamps and Stoves	2	1800.00	.0106
20. Gas and Appliances	3		
21. Grease on Stoves	24	150.00	.0009
22. Spontaneous Combustion	5	17,100.00	.1011
23. Fireworks	-		
24. Lightning-Rodded Buildings	-		
25. Lightning-Buildings Not Rodded	-		
26. Thawing Pipes	1	15.00	.0001
27. Sparks from Machinery	-		
28. Incendiary	1	650.00	.0038
29. Misc. Known Causes	15	4110.00	.0243
30. Suspicious	1	500.00	.0296
31. Unknown	26	50,285.00	.2974
Total Building Fires	418	\$ 169,100.00	

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	73	1	100.00
Hospitals & Institutions	166	1	75.00
Schools	395	3	
Churches	162		
Amusement Buildings	859		
<u>Dwelling Occupancies</u>			
Hotels	189	4	115.00
Lodging Houses	569	12	20,100.00
Apartments	1137	77	9245.00
Dwellings	14,626	238	37,110.00
Stores and Dwellings	373	13	3640.00
<u>Mercantiles</u>			
Office Buildings	287	3	1500.00
Small Retail Stores	953	7	
Restaurants	276	5	
Large Single Occupancy	360	6	
Multiple Occupancy	290	8	30,325.00
Wholesale Houses	142	3	
Storage Warehouses	223	5	18,500.00
<u>Manufacturing</u>			
Textile, Fabric Wkra.	33		
Metal Workers	122	2	
Wood Workers	121	3	16,540.00
Food Products	173	3	50.00
Chemical Products	54		
Flammable Liquids & Gases	881		
Multiple Occupancy	61		
Misc. Manufacturing	54	1	
<u>Miscellaneous Buildings</u>			
Lumber Yards	88		
Railroad, Wharf Property	445	2	27,000.00
Bulk Oil Storage	33		
Public Garages & Filling Stations	710	1	2000.00
Private Garages	182	7	725.00
Misc. Structures	298	13	2075.00
<u>Additional Inspections</u>			
Automatic Fire Alarms	3078		
Sprinkler Systems	157		
Totals	27,570	418	\$ 169,100.00

Consolidated Yearly ReportHow All Fires Were Controlled

Out before arrival of apparatus	254
By occupants (with extgr., hose lines, etc.)	13
Automatic sprinkler controlled fire	1
Automatic sprinkler held fire in check	-

By Fire Department using:

Brooms and shovels	72
Pump Cane (Indian Runners)	80
Foam extinguishers	4
Carbon tetrachloride units	-
CO ² or dry-chemical-gas units	86
Other type extinguishers	10
1-inch chemical or booster line	469
One 1½-inch hose line	300
Two or more 1½-inch hose lines	17
One 2½-inch hose line	12
Two or more 2½-inch hose lines	18
2½-inch hose with booster	11
Hydrant & Pump	9

Total Fires	1086
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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	128	24	152	64:27	10:52	75:19
#2	63	154	217	39:53	92:33	132:26
#3	46	122	168	27:38	82:07	109:45
#4	157	253	410	82:10	93:13	175:23
#5	199	301	500	84:36	165:56	252:32
#6	55	150	205	46:15	85:01	125:16
#7	16	84	100	9:34	76:11	85:45
#8	77	127	204	60:56	128:49	189:45
#9	33	112	145	24:53	96:21	121:04
#11	38	109	147	23:24	238:56	262:20
#12	20	4	24	9:27	:52	10:19
#12A	26	54	80	11:11	30:09	41:20
Rescue Co. #1	199	298	497	68:35	135:14	203:49
Ladder Co. #1	177	311	488	73:58	126:56	200:54
#3	59	121	180	29:00	54:19	83:19
#4	53	111	164	27:05	60:35	87:40
#5	44	6	50	25:37	3:54	29:31
#6	126	127	253	66:32	61:55	128:27

	<u>Hose</u> <u>Laid</u> <u>Feet</u>	<u>Hose</u> <u>Wet</u> <u>Feet</u>	<u>Engine</u> <u>Pumped</u> <u>Hours</u>	<u>Booster</u> <u>Used</u> <u>Hours</u>	<u>Ladders</u> <u>Set</u> <u>Feet</u>
Engine Co. #1	6250	5700	-	:26	46
#2	7700	7400	16:00	6:40	48
#3	7500	7500	-	1:51	34
#4	12,700	11,600	4:00	9:59	96
#5	19,550	19,150	-	13:32	56
#6	11,700	11,700	4:30	10:53	-
#7	2700	2700	9:47	-	-
#8	14,050	11,850	10:15	16:55	122
#9	8850	8850	2:30	10:01	38
#11	12,950	12,250	96:25	7:00	-
#12	4700	4000	-	-	-
#12A	6100	6100	-	19:22	-
Rescue Co. #1	-	-	-	-	-
Ladder Co. #1	-	-	-	23:17	4070
#3	-	-	-	9:47	1398
#4	-	-	-	5:45	1358
#5	-	-	-	-	-
#6	-	-	-	4:30	1505
	<u>114,750</u>	<u>108,800</u>	<u>143:27</u>	<u>139:58</u>	<u>8771</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	20	23	17	23	19	17	20	26	18	25	24	22	254
By occupants with extgr., etc.	2	-	3	3	-	-	-	3	-	1	1	-	13
Automatic sprinkler controlled fire	-	-	1	-	-	-	-	-	-	-	-	-	1
Auto. sprinkler held fire in check	-	-	-	-	-	-	-	-	-	-	-	-	-
Brooms and shovels	-	-	-	49	2	2	4	3	-	3	7	2	72
Pump Cans (Indian Runners)	-	-	1	45	5	3	4	3	3	4	7	5	80
Form Extinguishers	-	1	-	1	-	1	-	-	-	-	-	1	4
Carbon tetrachloride units	-	-	-	-	-	-	-	-	-	-	-	-	-
CO ² or dry chemical	3	5	8	9	7	9	5	7	4	10	8	11	86
Other type extinguishers	3	1	2	-	-	-	1	-	-	1	1	1	10
1-inch chemical or booster line	23	21	24	92	40	30	35	42	52	34	42	34	469
One 1½-inch hose line	1	-	-	2	-	2	5	3	5	2	5	5	30
Two or more 1½-inch hose lines	-	1	2	2	1	2	-	-	1	3	2	3	17
One 2½-inch hose line	-	-	-	-	2	-	-	5	1	1	1	2	12
Two or more 2½-inch hose lines	1	1	2	-	3	1	2	2	2	1	1	2	18
2½-inch hose with booster	2	-	1	-	-	-	2	1	-	1	3	1	11
Hydrant & Pump	-	1	-	1	-	-	2	1	3	-	-	1	9
	<u>55</u>	<u>54</u>	<u>61</u>	<u>227</u>	<u>79</u>	<u>67</u>	<u>80</u>	<u>96</u>	<u>89</u>	<u>86</u>	<u>102</u>	<u>90</u>	<u>1086</u>

Materials used at Fires (continued)

	<u>Salvage Covers Used</u>	<u>CO² Used Lbs.</u>	<u>Miles Traveled</u>	<u>Oxygen Used Tanks</u>	<u>Foam Used Gals.</u>	<u>S&A Used Gals.</u>	<u>Dry Chem. Used - Lbs</u>
Engine Co. #1	2	5	138.5	-	15	-	-
#2	2	120	172.8	-	-	-	-
#3	2	63	428.8	-	-	-	-
#4	4	127	446.5	-	-	-	35
#5	2	45	677.1	-	7-1/2	-	-
#6	-	45	307.1	-	2-1/2	-	10
#7	-	-	-	-	-	-	-
#8	2	46	524.1	-	2-1/2	-	10
#9	-	45	358.8	-	-	-	-
#11	-	15	307.2	-	-	-	5
#12	-	15	81.6	5	-	-	-
#12A	-	15	103.1	-	-	-	-
Rescue Co. #1	20	5	931.6	32	-	-	-
Ladder Co. #1	39	30	625.0	-	2-1/2	-	30
#3	8	60	194.7	1	-	-	-
#4	37	8	436.1	8	2-1/2	-	-
#5	-	-	55.0	-	-	-	-
#6	26	-	527.0	1	-	-	10
	<u>144</u>	<u>644</u>	<u>6335.0</u>	<u>47</u>	<u>32-1/2</u>	<u>-</u>	<u>100</u>

Notes: 8400 feet of hose, included in total, used to flush gasoline and oil from streets.
2139 feet of ladders, included in total, used for lockouts.

	<u>Bell Alarms Straight</u>	<u>Bell Alarms Desk</u>	<u>A.D.T. Alarms</u>	<u>Still Alarms</u>
Jan.	21	10	-	85
Feb.	11	6	3	93
Mar.	15	4	2	87
Apr.	47	6	-	241
May	13	4	-	119
June	21	3	1	103
July	18	4	1	120
Aug.	20	6	1	140
Sept.	25	3	-	140
Oct.	48	7	-	126
Nov.	28	6	-	134
Dec.	19	4	3	129
	<u>286</u>	<u>63</u>	<u>11</u>	<u>1517</u>

	<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.	15	31	29	41
Feb.	11	37	40	25
Mar.	13	17	38	40
Apr.	9	60	130	95
May	9	31	52	44
June	12	35	51	30
July	20	26	55	42
Aug.	15	37	71	44
Sept.	23	22	72	51
Oct.	11	32	69	69
Nov.	11	29	69	59
Dec.	13	34	63	45
	<u>162</u>	<u>391</u>	<u>739</u>	<u>585</u>

Monthly Breakdown of Total Alarms

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
FIRES													
In Buildings (Actual)	16	9	11	12	9	7	10	9	7	11	14	11	126
* Multiple	1	-	1	1	1	-	2	1	-	1	-	-	8
In Buildings (No Loss)	30	32	35	28	22	17	13	16	16	26	31	26	292
Brush, Grass, Leaves, Rubbish	2	1	2	152	14	13	14	18	23	17	26	17	299
Pump Fires	-	-	-	3	8	1	5	9	10	6	6	2	50
Woods Fires	-	-	-	7	4	2	6	5	9	3	3	3	42
Vehicles in the street	4	7	2	15	13	14	13	21	8	15	9	16	137
Boats	-	1	-	-	-	-	-	-	-	-	1	-	2
Misc. fires outside	3	4	11	10	9	13	19	18	16	8	12	15	138
Total Fires	55	54	61	227	79	67	80	96	89	86	102	90	
CALLS OTHER THAN FIRE													
Rescue or Emergency	12	14	16	15	23	17	31	27	32	18	13	12	230
False Alarms	17	8	7	17	8	10	6	11	8	27	13	6	138
No Fire or Needless	31	31	23	32	25	33	24	31	36	48	38	36	388
Automatic Sprinkler--No Fire	-	6	1	2	1	1	2	2	3	2	2	11	33
Total Calls other than fire	60	59	47	66	57	61	63	71	79	95	66	65	789
Total Alarms in the City	115	113	108	293	136	128	143	167	168	181	168	155	1875
OUT-OF-CITY CALLS	1	-	-	1	-	-	-	-	-	-	-	-	2
Total Alarms	116	113	108	294	136	128	143	167	168	181	168	155	1877

* 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.	6,340.00	16,915.00	3,516,300.00	102,300.00
Feb.	7,850.00	205.00	33,500.00	13,200.00
Mar.	20,485.00	24,675.00	338,302.00	62,200.00
Apr.	9,550.00	4,880.00	58,000.00	11,700.00
May	9,710.00	2,080.00	48,000.00	4,250.00
June	950.00	175.00	31,000.00	-
July	21,010.00	10,840.00	191,500.00	45,500.00
Aug.	8,245.00	2,265.00	30,000.00	12,000.00
Sept.	2,045.00	1,145.00	124,300.00	7,000.00
Oct.	7,850.00	2,675.00	70,400.00	19,800.00
Nov.	2,920.00	1,190.00	90,800.00	3,500.00
Dec.	3,725.00	1,375.00	52,000.00	2,000.00
	<u>\$100,680.00</u>	<u>\$68,420.00</u>	<u>\$4,584,102.00</u>	<u>\$283,450.00</u>

COMPARATIVE STATEMENT OF LOSS

<u>Year</u>	<u>Alarms</u>	<u>Loss</u>
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	349,022.81
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	477,085.63
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

Apparatus

In 1960 a new American-LaFrance 750-gallon pumper and a new Seagrave 65-foot aerial ladder truck were bought to replace Engine 4 and Ladder 3 which were demolished in collision on July 11.

Also a new Mack 750-gallon pumper was delivered to Engine 8. The 1953 Maxim 750-gallon pumper, which had been at Engine 8, was transferred to Engine 11, replacing a 1938 Seagrave 500-gallon pumper, which is now being reconditioned for replacement of a 1938 McCann 500-gallon pumper at Engine 12 on Peaks Island, which in turn will be sent to Long Island replacing a Mack tank truck which was formerly an old chemical purchased in 1924.

Requested in 1961 Budget

A new 100-foot aerial ladder truck which was scheduled for purchase in 1960, but because of the necessity of replacing the pieces of apparatus involved in the accident, and for the reason of staying within our budget, this truck will be obtained in 1961.

Note: A request for a crash truck for our local airport, which we have made for the past few years, is not contained in our 1961 budget, since it is anticipated that the State will take over this airport.

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 - 750 " Triple " American-LaFrance	1960
" 5 - 1000 " " " "	1955
" 6 - 1250 " " " Seagrave	1937
" 7 - Fireboat - 7000 gallons	1959
" 8 - 750 Gal. Triple Combination Mack	1960
" 9 - 750 " " " American-LaFrance	1954
" 11 - 750 " " " Maxim	1953
" 12 - 500 " " " McCann	1938
Rescue 1 - Panel Truck International	1948
Ladder 1 - 75 foot City Service Aerial Combination - Seagrave	1957
" 3 - 65 " " " " " "	1960
" 4 - 65 " " " " " "	1944
" 5 - 75 " Aerial Ladder, Tractor drawn " "	1922
" 6 - 85 " " " " " "	1938
1 - Rescue Boat, complete with trailer & outboard motor	1955
1 - Patrol Truck, 1/2 ton panel, at Peaks Island	1958
1 - Tank Truck, 600 gal. Capacity, Ford - at Peaks Island	1949
1 - Tank Truck, 600 " " Dodge - at Long Island	1942
1 - Tank Truck, 400 " " Mack - " " "	1925
1 - Tank Truck, 400 " " Chev. - " Cliff Island	1943
1 - Tank Truck, 300 " " Chev. - " Engine 3	1942
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

Apparatus in Service (continued)

Date of
Purchase

1 - Supply Truck, Chev. - "Service Truck"	at 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	1953
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 8	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 Division)	" Electrical Bldg.	1955
1 - Car, Ford (Electrical Inspector's)	" " "	1954
1 - Truck, Ford (Signal Division)	" " "	1960
1 - Ansul Powder Extinguisher, 300# Capacity	" Airport	1950

Apparatus in Reserve

Old Engine 7 - Fireboat - 6000 gallons	" State Pier	1931
1.15 Old Engine 6 - 1000 Gal. Triple Comb., Mack	" Engine 2	1929
Ladder 7 - 65 foot City Serv. Aerial, Seagrave	Engine 11	1936
3 - Hose Slads		
1 - Exercise Sled		
1 - Single Hose Pump		
4 - Double Hose Pumps		

Hose

There were 1000 feet of 3" and 1500 feet of 1-1/2" new fire hose purchased for the Department in 1960.

Hose in Service

First Class	- 2 1/2"	- 4250 Feet
Second	" - 2 1/2"	- 32,750 "
First	" - 3"	- 1000 "
Second	" - 3"	- 7700 "
First	" - 1 1/2"	- 4450 "
Second	" - 1 1/2"	- 10,230 "
"	" - 3 1/2"	- 150 "
First Class (Booster)	- 1"	- -
Second	" - 1"	- 3200 "
First Class	" - 3/4"	- 500 "
Second	" - 3/4"	- 450 "

Report of Hydrants Installed in 1960 and Fire Protection Charge

(As Submitted by Portland Water District)

Changes were as follows:

7 new hydrants on the three-year agreement.	
1 hydrant Douglass Street - transferred from Portland Water District to public hydrant.	
5 hydrants on real estate developments for which there will be a yearly charge of	\$ 162.00
1 hydrant Canco Road @ Nelson & Small	941.00
Charge as per agreement on the 460-hydrant transfer	<u>400.00</u>
Total annual increase because of the 14 hydrants installed during 1960	\$ 1,503.00
For 1116 hydrants	<u>60,897.20</u>
Total	\$62,400.20

Since the city pays on the monthly basis, beginning with February 1, 1961, the District will begin charging on these hydrants at a monthly rate of \$5,200.00.

Date Installed	Location of New Hydrants	Annual Charge
5/1/60	Grafton Street @ Kidder Street (Agreement)	No Charge
5/1/60	Grafton Street @ #30 (Agreement)	" "
6/20/60	Wordsworth Street @ Veranda Street (Agreement)	" "
6/20/60	Wordsworth Street @ End of 8" Main (Agreement)	" "
6/21/60	Bedell Street 100' from Brentwood St. (Agreement)	" "
6/21/60	Olympia St. @ Veranda St. (Relocated a/c Highway)	" "
6/28/60	Sunset Lane @ Cedarhurst Lane (Annual)	33.00
7/19/60	Edgewood Avenue @ Oakwood Avenue (Agreement)	No Charge
10/13/60	Woodfield Road @ Lot #82/83 (Annual)	33.00
10/13/60	Woodfield Road @ Lot #104/105 (Annual)	33.00
10/17/60	Melody Lane (Annual)	33.00
12/6/60	Brookview Terrace @ Pinecrest Road (Annual)	30.00
12/28/60	Canco Road @ Nelson & Small (Contract)-Estimate	941.00
12/31/60	Douglass St. @ P.W.D. Shop (Private to Public)	No Charge
12/31/60	Additional Charge as per Agreement	400.00
	(14 Hydrants) Total Additions 1960 (Annual)	<u>1,503.00</u>
	(1116 Hydrants) Base Charge 1/1/60 (Annual)	<u>60,897.20</u>
	New Base 1/1/61 (Annual)	\$62,400.20
	Monthly Charge	\$ 5,200.00

Portland Fire Department

Maintenance

January 24, 1961

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 1960:

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 placed on five pieces during the year.

The clutches were renewed on three pieces.

The transmission was rebuilt on the Peaks Patrol truck.

New brake linings were installed on six pieces.

Following an accident, Ladder #4 had repairs made on a compartment door.

Repaired running boards and installed new rubber on three pieces.

Installed new canvas seat and deck covers on five pieces.

Built and installed wooden racks and decks on three pieces.

Old Engine #11 (Seagrave) reconditioned and new booster tank of 198 gal. capacity built for same. This piece of apparatus will be sent to Peaks Island to replace the McCann pumper that is stationed there now.

A new truck for the Signal Division was lettered; also Nos. changed on Maxim pumper from #8 to #11.

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 (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, work on doors, stairs, plumbing, etc. (See report on Stations).

Repairs were made on hose; new storage rack made for storage of hose at maintenance shop on Park Ave., and signs and frames were made for Fire Prevention display.

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 urinal bowl.
- Replaced broken glass.
- Made new screens.
- Installed new screen runs.
- Installed new toilet seat.
- Repaired side door.
- Replaced floor tile at lavatory door.

Engine 2

- Repaired leak in toilet on 2nd floor.
- Repaired leak in shower in basement.
- Repaired windows and screens.

Engine 3

- Repaired door at rear of building.
- Repaired sink on main floor.
- Repaired urinal bowl.

Engine 4

- Repaired screens and windows.
- Made new screens and runs.
- Replaced broken windows.
- Replaced rubber stair treads.
- Repaired toilet on main floor.
- Installed faucet in kitchen sink.
- Repaired kitchen walls.

Engine 6

- Repaired windows and window cords.
- Repaired kitchen sink and table.
- Repaired sink on main floor.
- Repaired toilet in basement.
- Repaired drill tower lock.
- Repaired front doors.

Engine 7

- Installed insulation on door to pilot house.
- Installed holders for extra radiators.
- Installed new shelf for alarm system.
- Made new bench for workshop.
- Made new tool cupboard for tools (engine room)
- Installed new ribs and canvas cover (lifeboat)
- Repainted hull inside & out at railway.

Engine 8

- Installed new stair treads.
- Repaired stairs to basement.
- Made new screens.
- Repaired screens and runs.
- Repaired front doors.
- Replaced window cords.

Stations (continued)

Engine 9

Repaired toilet on main floor.
Repaired wash bowl on 2nd floor.
Reinforced main floor.
Repaired flooring under voting booths.
Repaired windows and screens.
Repaired roof.

Engine 11

Repaired urinal bowl.

Ladder 3

Repaired floor.
Installed new overhead door.
Repaired vent to oil tank.
Replaced broken windows.
Repaired screens.
Installed new lock in front door.

Fire Prevention Bureau

Erected Xmas tree on Central Station's lawn.
Made sign for Fire Prevention Week, and also for Xmas Holiday.
Erected signs on Central Station's lawn.
Made sign and installed on Edwards & Walker Bldg.

Repair Shop - India St.

Repairs to oil burner (outside labor).

Shop - Engine 6

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.
Coupled 20 lengths of 3" hose which was bought without couplings.

Long Island

Repainted house outside.
Repaired front doors and door casings.
Replaced glass in windows and window cords.
Painted sign over door and lettered same.

Peaks Island

Installed new furnace and oil burner (outside labor).

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


Charles E. Ross
District Chief

Training Report

January 20, 1961

Chief Carl P. Johnson
380 Congress Street
Portland, Maine

Sir:

During the past year, company drills have been revised so as to include all members of various companies. In the past, drills were held on specified nights which allowed the members on duty that specific night to receive the training. In the future, schedules will be made up by the commanding officers of each respective company so that all members of each company will receive training every week.

A printed form is submitted to the Training Division each week stating the subjects covered, the members present, and the name of the officers doing the instructing. These reports are checked before being filed.

Officers school was held for a five week period and covered the following subjects: personnel, training, fire prevention, maintenance of apparatus, and fire alarms in school buildings. The Gamewell Company supplied a fire alarm system which was displayed in class, enabling all officers to receive instructions on the operation and the resetting of the systems.

Drill school for probationers consisted of twenty classes for a total of sixty hours. Both the time and the number of classes have been increased during the past year, thus allowing the drill-master to cover more phases of fire fighting, especially on ventilation and salvage work. Because of the small number of probationers, classes were held in the morning.

Pump school for all engine companies involved two drills at Redbank where drafting was done from a brook. The remaining drills were done at the drill tower while hooked up to the hydrant.

Double company drills were held during the month of September. A total of twenty seven drills were executed at the time. During the past year, all wooden ladders on Ladder #6 were replaced with aluminum ladders. New Ladder #3 is also equipped with all aluminum ladders. It was stressed at all company drills that aluminum ladders must be dogged when set. This was brought out along with other safety precautions which are taught at drill school.

On Monday, July 11, 1960 at 6:03 P.M. Engine #4 and Ladder #3 collided at the corner of Spring and Brackett Streets resulting in the death of Thomas C. O'Connor and the total demolition of both Engine #4 and Ladder #3. The following men were injured in this accident: Leo A. Foisy, Joseph B. Foley, Lloyd E. Cook, Ronald G. O'Brien and Alfred C. Brown of Engine #4. Also William C. Lewis, Samuel E. Jones and Alfred S. Brown of Ladder #3. These men have all returned to active duty.

A new American LaFrance pumper (750 gallons per minute) was put in service on October 26, 1960. The cost was \$18,825 .

A new Seagraves aerial ladder truck (65 feet) was put in service on November 16, 1960. The cost was \$34,832.50 .

John C. Murray
Deputy Chief

Rescue #1 visited all stations twice to instruct members on the use of the Porter Cable Tool. The Chief reason for purchasing this equipment was for use on automobile accidents. It has been used for this purpose several times and has proven to be very successful.

The following speaking engagements were conducted during the year on first aid and rescue work:

Central Maine Power Company
Girl Scouts
Harold T. Andrews Post
Peaks Island
Clark Memorial Church
Cape Elizabeth Fire Department
Prides Corner Kiwanis
Sagamore
Thornton Heights
Pleasant Hill

Respectfully submitted,

William H. Johnson

William H. Johnson
District Chief
Training Officer

1960

Portland Fire Department
Personnel

January 10, 1961

Chief Carl P. Johnson
380 Congress Street
Portland, Maine

Sir:

The present complement of the Fire Department is 204 men, one man less than the 205 authorized by the City Council.

The following nine men were appointed provisional members of the department during the year 1960:

Lloyd A. Parker	Philip E. Foley	John A. Hanlon
Freeman J. Dulac	Alfred C. Tetreau	John D. Menciai
William A. Luger	Howard D. Lewis	Lawrence J. Whitten

Permanent appointments during 1960 were:

Norman E. Lewis
Robert J. Fitzsimmons

Two resignations were accepted during this period, both permanent members of the department:

John R. Flaherty
George E. Herbert

Promotions were as follows:

Leonard N. Stanhope	from Private to Lieutenant
Robert H. Christy	from Private to Lieutenant
John J. Towle	from Private to Lieutenant
Clifford H. Winn	from Lieutenant to Captain
John F. Rafferty	from Lieutenant to Captain
Thomas H. Markley	from Captain to District Chief

Thirteen applications were received for entrance examinations to the Fire Department. All applicants were screened in regard to qualifications.

Since there is only one man left on the present eligible list, it will be necessary to have an entrance examination in the near future.

Fire Prevention Bureau

January 19, 1961

Chief Carl P. Johnson
380 Congress Street
Portland, Maine

Sir:

The Fire Prevention Bureau continued to provide educational materials and activities aimed directly at the youth of our city. With the cooperation of the School Department, the following materials were distributed:

6,731	Junior Fire Marshal Helmets (Kindergarten through Grade 3)
4,135	Junior Fire Marshal Badges (Grades 4 through 6)
24,000	Junior Fire Marshal Magazines
1,032	Teaching Aids
6,000	Christmas coloring sheets

A brand new Sparky show was presented to the children in each school. We know that 5,731 children watched the show but in schools where there was sufficient room to permit additional children of higher grades in the auditoriums, they too were included. We estimate that 2,000 of these children watched the show, bringing the total to 7,731 children.

The Pine Tree State Field Club provided speakers who did a fine job talking to the students in the junior high and high schools. These students numbered 6,834.

The School Department deserves a great deal of credit for the magnificent cooperation shown in the planning and execution of activities involving the children.

In addition to the youth program, 41,791 pieces of literature were distributed by the Bureau. Aimed at the adult level were:

13	film showings to a total of 578 people
15	Home Inspection slide talks to 803 people
7	Special talks to 315 people
12,572	people were reached through the following:
(1)	National Guard Muster booth (1500 people)
(2)	Pageant for Better Living booth (11,000 people)
(3)	Fire Prevention Conference (72 people)

Our Christmas Campaign, which included the printing and distribution of 3,000 super market stuffers, a sign on the lawn at Fire Headquarters and the tagging of Christmas trees, proved to

be effective because for the fifth year we have not had a single fire caused by Christmas decorations.

New this year was the world's largest fire prevention sign covering 6,250 square feet of building at Monument Square. The Donnelly Sign Company has estimated 1,258,000 people saw this. Another colorful but less spectacular sign was used at Congress Square starting in October and is still in use.

Also new this year was the use of 200,000 milk bottle caps and 325,000 milk cartons, all of which bore a fire prevention message from Sparky. These were used with the cooperation of local milk companies.

During Fire Prevention Week a local florist provided a window display with a likeness of Sparky created entirely of styrofoam and flowers. Over 1,000 chrysanthemums were used in this display and the story and a picture of this window were published in the Florists' Telegraph Delivery News which has a circulation of 20,000 throughout the world.

Local merchants and business concerns assisted by using a postage meter slug on outgoing mail. This slug, bearing Sparky's picture and a fire prevention message was used on 432,822 pieces of mail.

Both radio and television stations were generous with time donated for fire prevention as were the newspapers. Outstanding were three full page ads, one of which was done in three colors. The color issues alone are valued at \$1100.00. A total of 259,956 copies containing these full page ads were printed.

The newest and greatest addition to our fire prevention program is a brand new Corvair with Sparky's head mounted on the top. This car, known as Sparky's Official Car, was loaned to the Portland Fire Department for one year. Inside of the head a speaker has been installed so that a microphone may be used from inside of the car. This is the very latest transistor type system and was loaned by Canfield for the same period. The only cost to the Fire Department is that of gasoline and oil. The car has already been used for several promotions and has received nation wide attention.

The greatest portion of this educational program was done without appreciable outlay of the tax dollar.

For the third consecutive year and the fourth time in five years Portland has been awarded first place in Class IV (Population 50,000 to 99,999) by the National Fire Protection Association. In relation to all cities regardless of size, we placed ninth in the nation. This is the second consecutive year that this has been achieved.

Portland was also awarded first place in the State of Maine for the 28th. consecutive year.

This contest, involving some 1800 entrants in the United States and Canada, reflects our efforts to promote a fire safe community that is among the best in the nation.

It is fitting that the Chamber of Commerce Fire Prevention Committee be given due credit for their excellent assistance in planning the fire prevention program for the year 1960. We are looking forward to another fruitful year and continued support from these public spirited citizens in 1961.

Respectfully,

Haswell M. Bruns
District Chief

January 12, 1961

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 1960.

A total of 27,570 inspections were made by the department. 1464 violations were found and 1004 were corrected; 460 hazardous conditions were turned over to other city departments. 1596 complaints were investigated, many requiring the second and third inspection. A total of 2437 follow-up inspections were made.

A list of the violations and hazards uncovered during 1960 are as follows and in the order named:

Misuse of electricity and appliances,
wiring included

Improper installation of range oil burners

Defective heating systems

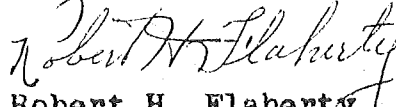
Poor housekeeping

Defective chimneys

Improper exits from upper floors of rooming
houses

Dilapidated buildings

Respectfully Submitted,


Robert H. Flaherty
Captain

Public Safety on Peaks Island

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

Complaints	167
Emergency - Fireboat	49
" - Casco Bay Boat	6
" - Coast Guard	1
Help or Aid	122
Public Health Nurse Trips	53
Miscellaneous	72

Pensions

The following members of the Department were retired on pension:

Private Frank T. Coughlin - April 3, 1960

Private Enos R. Alden - July 3, 1960

Deaths

	<u>Pensioned</u>	<u>Died</u>
Durwood W. Lewis (Call Man)	10/1/36	2/23/60
Pvt. Frank E. Banks	4/6/43	5/25/60
Pvt. Charles A. Stokes	3/1/41	6/22/60
Gilman W. Martin (Call Man)	5/1/28	7/8/60
Capt. William S. Berry	8/1/44	11/11/60
Oliver F. Cole (Call Man)	8/1/35	11/23/60

Fatalities

Joseph Breck, age 56, burnt to death in fire at 111 Pearl St. on March 26, 1960.

Albenie Michaud, age 50, was asphyxiated in fire at 316A Congress St. on April 8, 1960.

Private Thomas G. O'Connor, age 43, was fatally injured in accident on July 11 and died the following day. (See Personnel Report).

Maurice Freeze, age 22, died from burns received and injuries in jump from 2nd floor in fire at 262-264 Cumberland Ave. on October 1, 1960.

Financial Statement

<u>Total Appropriations & Credits</u>	<u>Total Expenditures</u>	<u>Unpaid Incumbrances</u>	<u>Unincumbered Balance</u>
\$ 1,131,469.00	\$ 1,114,109.71	\$ 5,067.42	\$ 12,291.87

Conclusion

In submitting my fifth 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 fourth 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
Thomas H. Markley

Deputy Chief
District Chief
" "
" "
" "

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.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
19	Edward M. Hopkins	Captain	57	1566 Congress St.
28	Philip J. Leonard	Lieutenant	48	43 Frances St.
77	George C. Tinkham	Private	49	32 Grant St.
136	John T. Sloan	"	34	9 Bailey Ave.
54	Stanley M. Bailey	"	34	282 Woodford St.
126	Theodore W. Low, Jr.	"	38	Luther St., Peaks Island
167	James V. Colello	"	32	180 Newbury St.
47	Lamont C. Willoughby	"	26	9 Melbourne St.
205	Joseph J. Caiazza	"	28	43 Alder St.
	John A. Hanlon	Provisional	27	58 Kellogg St.
	Lloyd A. Parker	"	24	25 Josselyn St.
	Lawrence J. Whitten	"	22	125 High St., So. Portland

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.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
13	Samuel Gerber	Captain	48	119 Congress St.
31	Vernon R. Tucker	Lieutenant	37	26 Mayer Rd.
135	Raymond A. Henderson	Private	45	61 Montreal St.
64	Antonio G. Anania	"	40	47 Newbury St.
69	Robert O. McLaughlin	"	41	73 Waterville St.
156	Charles A. Gildart	"	37	31 Cushman St.
49	Francis W. Herbert	"	33	170 Woodlawn Ave.
81	Leonard S. D'Amato	"	40	47 Stevens Ave.
157	Edward S. Moulton	"	33	7 Island St.
183	Alfred C. Brown	"	35	32 Smith St.
185	Samuel M. Marcisao	"	27	47 Thomas St.
92	Freeman J. Dulac	Provisional	26	1 North St.
118	John J. Rielly	Private	42	91 Bradley 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.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
9	George J. Foley	Captain	59	24 Washburn Ave.
29	Melvin E. Ireland	Lieutenant	41	88 Tucker Ave.
22	Robert H. Christy	Swing Lieut.	41	60 Glenwood Ave.
84	John Montefusco	Private	46	43 Anson Rd.
132	Charles E. Niles	Private	45	146 Chadwick St.
63	Harry E. Kennedy	"	43	508 St. John St.
146	Earl W. Elmore	"	43	34 Clinton St.
170	Leigh W. Sellick	"	34	22 Lucas St.
139	Robert R. Foss	"	32	124 Sherman St.
59	Angelo A. Palazzo	"	35	25 Kenilworth St.
73	Donald E. Stuart	"	29	39 Taft Ave.
194	William C. Lewis	"	28	3 Pierce Ave.
182	Vernon H. Vincent	"	37	10 Howard St.
206	Robert N. Davis	"	29	668 Auburn St.

Engine Company No. 4

Station No. 155-157 Spring Street

American LaFrance triple combination pumper (750 gal. capacity) carrying 1100 feet of 2-1/2 inch hose, 100 feet of 3 inch hose, 300 feet of 1-1/2 inch hose, 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>
5	John F. Rafferty	Captain	48	13 Eastern Promenade
33	Robert L. Callahan	Lieutenant	41	916 Washington Ave.
44	Frederick L. McCarthy	Swing Lieut.	36	23 Westlawn Rd.
46	Leslie E. Conley	Private	45	164 Washburn Ave.
130	Philip M. Sloan	"	37	9 Bailey Ave.
113	Joseph B. Foley	"	36	67 Mabel St.
65	Robert A. O'Donnell	"	32	18 Ivaloo St.
196	Lloyd E. Cook	"	26	36 Hodgins St.
103	John D. Lambert	"	33	103 Brackett St.
71	William J. E. Reardon	"	35	68 Caribou St.
145	Clifford L. Robichaud	"	25	127 Pleasant St.
78	Peter J. McFarland	"	26	36 Spruce St.
147	Robert J. Fitzsimmons	"	24	243 Valley St.
	William M. Auger	Provisional	27	95 Chapel St., So. Portland

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.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
10	Joseph R. Cremo	Captain	39	12 Winthrop St.
25	John J. Flynn	Lieutenant	36	Central Ave., Peaks Island
87	Arthur E. Duncanson	Private	42	67 Merrill St.
74	Edwin E. Curtis	"	47	87 Lincoln St.
110	John F. Powell	"	37	56 Federal St.
72	Peter F. Morelli	"	33	286B Congress St.
107	John B. Peverada, Jr.	"	33	34 Orkney St.
68	Royal E. McIntyre	"	42	18 Caleb St.
177	Russell C. Stillings	"	40	23 Munjoy St.
95	Martin T. Macisso, Jr.	"	30	27 Wilson St.
88	Thomas S. Minervino	"	29	23 Walton St.
52	Vincent L. Marcisso	"	32	1 Monument St.
158	Joseph S. O'Connell	"	37	39 Bradley 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.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
15	Clarence O. Olsen	Captain	47	106 Presumpscot St.
20	Richard H. Carson	Lieutenant	42	87 Concord St.
41	James O. Flaherty	Swing Lieut.	35	1008 Washington Ave.
133	Ervin G. Sorensen	Private	39	143 Bolton St.
141	William J. Barbrick	"	44	R-315 Spring St.
82	Edward R. Cooper	"	38	78 Lane Ave.
164	Anthony J. Peverada	"	42	104 Cumberland Ave.
106	Joseph J. McKeon	"	33	11 Hall St.
188	Howard A. Miller	"	28	65 Powland St.
60	Bradford N. Martin	"	32	188 Franklin St.
57	Robert Stewart	"	24	11 Sheridan St.
67	Alfred C. DiFiore	"	26	105 Fore St.
122	Albert F. Gendrolis	"	31	21 Powland St.

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>
3	Eugene P. Temple, Jr.	Captain	49	85 Ray St.
23	William F. Stanhope	Lieutenant	53	10 Madison St.
90	Byard W. Metcalf	Chief Engineer	42	360 Woodford St.
114	Clifford J. White	Engineer	46	33 Turner St.
121	Raymond S. Herrick	"	41	Sterling St., Peaks Island
166	Edward A. Smith	"	33	117 Ashmont St.
172	Edward E. Cushing	Pilot	54	28 Dalton St.
55	George H. Lopes	"	51	6 Kendall St.
104	Gerald E. Hutchins	Private	32	Daniel St., Peaks Island

Engine Company No. 8

Station No. 536 Deering Avenue

Mack triple combination pumper (750 gal. capacity) carrying 1350 feet of 2-1/2 inch hose, 100 feet of 3 inch hose, 650 feet of 1-1/2 inch hose, 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>
6	Clement O. Dodd	Captain	44	56 Pennell Ave.
36	Edward E. Platts	Lieutenant	51	63 Broadway
144	Charles E. Thomas, Jr.	Private	43	368 Ray St.
80	Vernon P. Libby	"	43	100 Woodlawn Ave.
148	George S. Howard	"	37	17 Berry Ave.
181	Anthony S. Feato	"	38	32 Arcadia St.
204	Clinton M. Davis	"	36	9 Cushman St.
186	Peter E. Anania, Jr.	"	30	94 Irving St.
180	Ronald G. O'Brien	"	28	58 Irving St.
51	William E. Darling	"	27	15 Fessenden St.
195	Kenneth E. Thomas, Jr.	"	26	235 Pleasant Ave.
	Howard D. Lewis	Provisional	28	So. Windham, Maine

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.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
12	Joseph F. Kane	Captain	38	26 Spruce St.
39	Chester R. McAlister	Lieutenant	56	300 Riverside St.
27	John J. Towle	Swing Lieut.	37	1224 Washington Ave.
174	Frederick M. Cox	Private	33	23 Alba St.
165	Theodore J. Axelsen	"	39	55 Commonwealth Drive
140	William J. Dempsey	"	33	39 Josselyn St.
102	Edward E. Dennison	"	37	73 Canco Rd.
120	Joseph A. E. Paulin	"	35	78 Woodmont St.
191	Philip C. Poland	"	31	82 Newton St.
184	James Nitsche	"	27	93 Hicks St.
203	Mark R. Holt	"	29	148 Veranda St.
127	Arthur M. Lavigne, Jr.	"	36	35 Pine St.
	John D. Mancini	Provisional	29	20 School St.

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, 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.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
8	Nelson H. Huff	Captain	53	33 Wordsworth St.
30	George H. Carson	Lieutenant	59	112 Read St.
124	Arthur S. Noyes	Private	42	37 West Kidder St.
79	William J. Conley	"	43	28 Vermont Ave.
175	Leslie M. Richardson	"	39	104 Read St.
169	Arthur E. Best	"	35	58 Jackson St.
162	Leo A. Foisy	"	37	3 Helene St.
176	Francis E. Fenney	"	38	113 Gilman St.
173	John D. Macfarlane	"	42	76 Woodlawn Ave.
201	John N. Fitzpatrick	"	27	101 Virginia St.
	Alfred P. Tetreau	Provisional	21	28 St. George St.

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.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
2	Elmer L. MacKenzie	Captain	54	623 Washington Ave.
24	Malcolm M. Murray	Lieutenant	49	Centennial St., Peaks Island
21	Fred A. Adams	"	44	21 Eleanor St.
35	Leonard N. Stanhope	"	37	572 Washington Ave.
128	Thomas F. Moran	Private	58	38 Murray St.
131	Lawrence G. Hasson	"	32	Sterling St., Peaks Island

Rescue Company No. 1

Station No. 380 Congress Street

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

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
18	Eric I. Abrahamson	Captain	47	189 Ocean Ave.
40	George M. Bidwell	Lieutenant	36	29 Sheridan St.
168	Lawrence C. McInnis	Private	29	35 Pine St.
91	Wilfred A. Hamilton	"	34	27 Cabot St.
97	Norton Montgomery, Jr.	"	31	Greenwood St., Peaks Island
129	Gerard L. Chase	"	30	56 Parris St.

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 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>
14	Fred S. Shuman	Captain	44	160 Maine Ave.
37	Samuel DiBiase	Lieutenant	45	13 Fox St.
26	Leonard L. Duggan	Swing Lieut.	35	1014 Washington Ave.
96	Carl H. Shapazian	Private	34	17 Atlantic St.
115	Lewellyn C. Smith	"	31	54 Bailey Ave.
58	William H. Ham	"	36	117 Plymouth St.
99	Stanley Butkus, Jr.	"	40	Herman Ave., Peaks Island
105	Frederick H. Arsenault	"	32	1708 Washington Ave.
192	Henry F. Beaumier	"	30	148 Taft Avenue
193	George G. Burgess	"	33	New Island Ave., Peaks Island
200	Jean P. Petrin	"	25	11 North St.
98	Carl H. Pierce	"	31	10 Tarbell Ave.
48	Stephen G. Hasson	"	31	Whitehead St., Peaks Island
137	Dominic L. Faietta	"	32	47 Brackett St.

Ladder Company No. 3

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>
17	John A. Olson	Captain	45	33 Arthur St.
32	Merton L. Hoyt	Lieutenant	51	10 Westlawn Rd.
85	Richard L. Barter	Private	29	48 Malilly Rd.
67	Alfred S. Brown	"	33	8 Alba St.
142	Thomas J. Flaherty	"	34	119 Clark St.
178	Foster F. Fowler	"	39	59 Merrill St.
151	Michael J. Greeley	"	34	298 Ray St.
190	Samuel E. Jones	"	39	43 Douglass St.
109	Leo J. Landry	"	36	1321 Congress St.
154	Louis Napolitano	"	34	96 Emery St.
187	Philip R. Viola	"	26	100 Newbury St.
	Philip E. Foley	Provisional	29	61 Olympia

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) booster tank (100 gallons capacity) with 150 feet of booster hose,

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
16	Lawrence H. Murray	Captain	55	60 Kenilworth St.
42	William J. Wernig	Lieutenant	38	62 Commonwealth Drive
138	John J. Manning	Private	44	10 Lincoln St.
61	John L. Winch, Jr.	"	38	48 Alder St.
112	Royal E. Poulin, Jr.	"	32	112 Front St.
45	John P. Green	"	39	30 Craigie St.
198	Philip A. MacVane	"	31	110 Ocean Ave.
143	Robert M. Jackson	"	39	286 Congress St.
94	Herbert M. Johnson	"	32	58 Alba St.
152	Donald N. Burdwood	"	33	72 Irving St.
197	Herbert P. Miller	"	26	108 Emery 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.

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
4	Clifford H. Winn	Captain	49	48 Monument St.
43	LaVern J. Jerome	Lieutenant	38	1218 Congress St.
86	John M. Ney, Jr.	Private	36	23 Douglass St.
100	Bertrand A. Walker	"	42	2065 Washington Ave.
155	Everett P. Swasey	"	43	117 Virginia St.
50	Peter V. Ciriello	"	34	21 Arlington St.
179	Joseph D. Miller	"	31	65 Devon St.
119	William E. Nugent	"	37	25 Sawyer St.
161	Stanley W. Lynch, Jr.	"	36	1336 Forest Ave.
116	James E. Lee	"	40	46 Caleb St.
134	Robert F. Bachelder	"	34	48-A Winter St.
	Norman E. Lewis	"	24	369 Allen Ave.

Fire Prevention Bureau

380 Congress Street

<u>No. of Badge</u>	<u>Name</u>	<u>Rank</u>	<u>Age</u>	<u>Residence</u>
1	Robert H. Flaherty	Captain	57	108 Noyes St.
* 7	Woodbury H. Ridley	"	47	200 Deering Ave.
34	Boyd E. Drake	Lieutenant	48	36 Loring Ave.
62	John B. Martin	Private	58	172 Frances St.
70	Charles L. Skerritt	"	33	131 Ocean Ave.
149	Carl P. Jensen	"	36	9 Boynton St.

Administrative Division

380 Congress Street

11	Martin G. Ney	Capt. (Admin.)	48	11 Rudman Rd.
	Peter F. Kane	Cl.-Sten. III	46	13 Cove St.
111	Joseph E. Thomas	Chief's Aide	36	563 St. John St.
117	Joseph N. Germani	Stock Clerk	48	82 India St.

Repair Division

99 India Street

	Philip O. Bruns	Mechanic	61	129 Sherwood St.
150	Alfred H. Schwabenhausen, Jr.	Ass't. Mechanic	44	234 Front St.

* Dept. Photographer

REPORT OF SIGNAL SYSTEM

YEAR 1960

OVER-HEAD 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 extending existing facilities;

Presumpscott St.	4	poles	New crossarms and new wire
Park Ave.	13	poles	New crossarms and new wire
Washington Ave.	8	poles	New crossarms transferred to new poles.
Read St.	23	poles	Messenger hardware installed
Sewall St.	2	poles	Transferred to new poles
Upland Ave.	2	poles	Put up secondary rocks
Brighton Ave	8	poles	Installed new pins
Florida Ave.	5	poles	New crossarms and new wire
Ocean Ave.	3	poles	New crossarms and new wire
Congress St.	8	poles	Installed secondary rocks
Jackson St.	6	poles	New crossarms, transferred to new poles.
Edwards St.	2	poles	New crossarms, transferred to new poles.
Oxford St.	7	poles	Installed drop lamps
Peaks Island	8	poles	Transferred to new poles
Spring St.	4	poles	New crossarms, transferred to new poles.
Center St.	12	poles	New crossarms
Capisic St.	2	poles	New crossarms, transferred to new poles.
Forest Ave.	2	poles	New crossarms, transferred to new poles.
Auburn St.	2	poles	Replaced crossarms
Rockland Ave.	2	poles	Transferred to new poles
Lucas St.	1	pole	Transferred to new pole

A total of 11,800 feet of overhead wire was expended in the afore mentioned work.

A complete check of all overhead wiring was made in the spring and the fall and after every severe storm. All deficiencies located on these inspection tours were immediately rectified.

The entire system over head was limbed out twice during the year, all slack lines were pulled up and all ~~air~~^{air} terminal boxes checked for loose terminals and defected fuses. *airial*

UNDER-GROUND CONSTRUCTION

We continued this past year over the program of cable renewal and enlargement of same. We tried to isolate the sections that have been a continuous source of trouble and renewed same, in every case this program

has made a marked improvement in our circuit proficiency and cut down appreciably our maintenance problems in these previously affected areas.

950 feet of 20 conductor cable on Woodfords street from Forest Ave. to Beacon street

800 feet of 20 conductor cable on Woodfords street from Highland street to Glendwood Ave.

1000 feet of 2 conductor cable on Sherman street from Deering Ave. to Mellon street.

500 feet of 2 conductor cable A-Z From Congress and India streets to the North School.

700 feet of 12 conductor cable on Oxford street from Franklin street to Mayo street.

400 feet of 10 conductor cable from Cumberland Ave. and Forest Ave. to the Jackson School.

2300 feet of 12 conductor cable on Read Street from Ocean Ave. to Canco Road.

450 feet of 10 conductor cable on Cumberland Ave. from Washington Ave. to Anderson street.

825 feet of 30 conductor cable on Washington Ave. from Oakley street to Presumpscott street.

900 feet of 20 conductor cable on Federal street from the Electrical Building to Market street.

450 feet of 20 conductor cable on Market street from Federal street to Central Station.

750 feet of 12 conductor cable from Central Station to the City Hall C-D-Office.

From the above mentioned work a total of 4,645 pounds of junk cable was salvaged and transported to the salvage dealer.

The above mentioned work also involved considerable street excavation and laying in new duct lines.

A total of 118 checks were required on the underground system necessitated by defective cable, open circuits, grounds etc.

We experienced a total of 14 open circuits on the signal system. The troubles were due to variable causes, such as accidents, ice storms, excavation, oxidization of wires etc.

New Construction

Installed a type "D" diaphone air plant at Peaks Island, tied same into Fire Alarm System. Completely rewired alarm board at Peaks Island, installing new night lite switch, register and take up reels and new alarm gongs, alarm board light and whistle silencing switch.

A total of 14 public schools had detector and sprinkler systems installed and master boxes were installed and wired into the municipal system to Fire Alarm Headquarters.

Seven new fire alarm boxes, three fold type were wired in replacing outmoded boxes at Peaks Island.

A ^{supplementary} ~~supplementary~~ panel was installed at the Peaks Island School, a master three fold box installed and the system tied into the Islands Fire Alarm system.

A total of 65 calls were made to the schools to advise and help the electricians on the jobs.

A new service, light fixtures, receptacles etc. were installed in the Sewer Divisions new quarters at Morrills Corner.

New ^{fluorescent} ~~fluorescent~~ lighting was installed on the apparatus floor at Ladder three.

Installed two new circuits on control board, wired in circulating pump, thermostat, blower heater and work bench light at Engine 7 in the engine room.

Installed and wired in emergency power plant at Engine 2 for the Public Works Department.

Ran 2300 ^{airial} ~~feet~~ messenger and messenger wire to Canco and Read s streets. Installed new three fold alarm box and provided facilities for a tapper circuit to the Central Maine Power Company.

Maintenance;

A monthly test was performed on all fire alarm boxes on the system. Boxes that were not functioning properly were brought into the shop, over hauled tested and put back into service.

All alarm circuits operating from Fire Alarm Head quarters were tested three times daily and a reading taken of same, If any circuit discrepancies were noted while making these tests, the trouble was rectified and the circuit was retested.

All electrical equipment at the alarm headquarters and in all engine houses was inspected, cleaned, oiled and replaced if malfunctioning parts warranted it.

All signal batteries were tested and a graph maintained as to the efficiency of batteries in the circuits.

Numerous fire alarm, police and cable boxes were painted and reflective fire signs installed.

A total of 180 calls were made to various engine houses on trouble calls. These varied from malfunctioning alarm equipment to trouble in lighting circuits, hot water heaters, motors, replacement of receptacles, light fixtures etc.

Peaks Island

A total of 11 trips were made to Peaks Island for the purpose of checking

and repairing alarm equipment, installing ^{aerial} ~~aerial~~ terminal boxes and limbing out over head lines.

Diamond Island;

Two trips were made to Diamond Island to test siren circuits, batteries and lubricate motors.

Long Island;

Three trips were made to Long Island. Repairs were made to alarm circuit, new relays installed and all motors lubricated.

Cliff Island;

One trip was made to Cliff Island for the purpose of checking the alarm system and batteries and all motors were lubricated.

Air Raid Equipment;

A weekly test was conducted on all air raid circuits. Twice during the year all plants were inspected, condensate with drawn from compressors and all motors lubricated.

A total of 15 trouble calls were experienced on the system due to downed lines, blown fuses, renovation of Exposition Building etc.

Police Signal System;

A total of 76 calls were realized on the Police Signal System. These calls were due to broken telephone cords, relays on the P B X board out of adjustment, grounds in telephone lines etc.

New Truck

In 1960 a new 1-1/2-ton Ford truck, equipped with standard Kiley fire alarm service body complete, was purchased, replacing a truck that was bought in 1953.

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	37	4 St. Lawrence St.
Cyril D. Hill	Elec'l. Inspector	64	5 Sterling St., Peaks Island
Orlando F. Ferrante	Lineman	37	9 St. Lawrence St.
Raymond H. Boyle	"	46	Island Ave., Peaks Island
Judson R. Carver	"	30	41 Luke St.
Arnold E. Thurlow	Chief Operator	47	13 Avalon Rd.
Raymond D. Hatch	Operator	61	8 Dale St.
Richard K. Fogg	"	49	19 Devon St.
Clarence R. Cobb	"	47	102 Bell St.
Kenneth G. MacMillan	"	33	69 Veranda St.
James N. Hughes, Jr.	"	32	244 Pleasant Ave.

PROPERTY OF
PORTLAND FIRE DEPT.

Electrical Inspector's Report

Permits for New Service	183
" " Additional Service	174
" " Temporary Service	44
Places Inspected	679
Number of Inspections	1692
Permits Issued: Electrical - 776)	1118
Oil Burners - 342)	
Journeyman Licenses Issued	183
Wiring Condemned	6
Services Cut Off	6
Examinations Conducted	0