Adverse Reports Made by Engineers of National Board of Fire Underwriters.

SERIOUS DEFECTS SHOWN

Authority of Chief Impaired by System, Fire Prevention Work Wiped Out and Increases Cost, Says Report.

WHAT TWO-PLATOON MEAS-URE MEANS TO CITIZENS OF PORTLAND TOLD IN FEW WORDS.

Only argument for two-platoon bill is that firemen will have fewer hours on duty without los-

fewer hours on duty without losing any of their present privileges, including present salaries,
days off and vacations.

Measure as proposed is attempt
to legislate without making
proper provision for the proposed
changed conditions.

No definite provision made for
maintaining agent the present

No definite provision made for maintaining even the present strength of fire companies, which is much below what is required for adequate protection.

No provision made for increased expenditure necessary and only means of handling it is to reduce the number of companies in service or so reduce forces as seriously to endanger fire protection of the city.

War conditions makes particularly hazardous the curtailment

War conditions makes particularly hazardous the curtailment of fire service.

The number of additional men the firemen estimated will be necessary to inaugurate the new system is far too low.

To establish properly the service under the two-platoon would require 173 additional men at a cost of \$171,264 a year, plus the cost of fire prevention work.

No provision made for continu-

No provision made for continuance of fire protection work or for firemen's drills.

Because of municipal tendencies to keep down costs, most cities, where two-platoon system has been tried, have reduced greatly their fire-fighting efficiency.

Limiting of authority of the Fire Chief over men as provided in the bill is taking away the most essential feature of responsible management.

While other cities are striving to increase fire-fighting effi-ciency because of the war, Port-land is proposing to experiment with a system which definitely decreases the practical value of every member of the force.

Engineers of the National Board of Fire Underwriters of America, brought here by civic organization to make an impartial investigation and report on the firemen's two-platoon bill to be voted on June 4, denounce the bill as a step decidedly in the wrong direc-tion, in a report made public yesterday.

The committee made the report after an investigation covering several days.
The report is signed by W. E. Mallalieu, general manager, and George W.
Booth, chief engineer of the Board.

Less Hours the Only Benefit. and the reasons therefor will show that the only increased benefit to be derived is that the members of the department will have less hours on duty and lose none of their present privi-leges, including present salaries, days off and vacations.

The proposed amendment is an attempt to legislate without making proper provision for the proposed changed conditions. "The more important points which

have been ignored or not given suffi-cient thought are as follows: "No definite provision has been made

for maintaining even the present strength of companies which is much below that required for adequate pro-tection. The act simply says that after its adoption the City Council must make an appropriation for two shifts of men in each company. It does not specify the strength of each shift. A chart has been prepared by the two-platoon committee which endeavors to show that in order to maintain the present strength of companies it will be necessary to add only 72 men to the department on regular detail and 20 additional men to take care of vacation periods, making a total of 92 men to be added to the department. It will be sided to the department. It will be shown further on that this estimate is too low, but even supposing it is correct, where will the necessary funds be obtained to pay the additional 92 and periodic inspections of all immen? The act specifically states that \$50 monthly for the first six months for substitutes to take the places of all members and provisions for substitutes to take the places of all members on sick, special leave and substitutes to take the places of all members on sick, special leave and substitutes to take the places of all members on sick, special leave and substitutes to take the places of all members on sick, special leave and substitutes to take the places of all members on sick, special leave and substitutes to take the places of all members on sick, special leave and substitutes to take the places of all morning, will be held this morning at the Catholic Cathedral, corner of Fifteness ounding early Tuesday morning, will be held this morning, will be held this morning, will be held this morning at the Catholic Cathedral, corner of Fifteness ounding early Tuesday morning, will be held this morning at the Catholic Cathedral, corner of Fifteness ounding early Tuesday morning, will be held this morning at the Catholic Cathedral, corner of Fifteness ounding early Tuesday morning at the Catholic Cathedral, corner of Fifteness ounding early Tuesday morning at the Catholic Cathedral, corner of Fifteness ounding early Tuesday morning at the Catholic Cathedral, corner of Fifteness ounding early Tuesday morning at the Catholic Cathedral, corner of Fifteness ounding early Tuesday morning at the Catholic Cathedral, corner of Fifteness ounded by New York at the Lighthouse for the Catholic Cathedral, corner of Fifteness ounded by New York at the Lighthouse for the Catholic Cathedral, corner of Fifteness ounded by New York at the Lighthouse for the Catholic Cathedral, corner of Fifteness ounded by New York at the Lighthouse for the Catholic Cathedral, corner of Fifteness ounded by New York at the Catholic Cathedral, corner of Fifteness ounded by New York at the Catholic Cathedral, corner of Fifteness ounded by New York at the Catholic Cathedral, corner of Fifteness ounded by New York at the Catholic Cathedral, corner of Fifteness ounded by New York at the C

The bill as submitted is condemned chief can detail men from the day because it goes farther than to provide a two-platoon system. The report force for inspection work, but the alshows that the bill wipes out fire prevention work, which already has saved further weakened to such an extent Portland several millions of dollars in fire losses, deprives the fire chief of authority over his men, makes no provision for increased number of men increase in the number of fires and a necessary, and is defective in many corresponding increase in fire losses.

The engineers say the system would require 173 additional men at an increased annual cost to the city of \$171,-264, and that the money required could not be raised because of the recently enacted 6 per cent tax limitation law. Inasmuch as the firemen campaigning for the two-platoon bill have been heralding to the public that the National Board of Engineers, authority on fire matters, favors the two-platoon work, unless the firemen under the blow to the two-platoon campaigners. Following are the comments of the

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city cannot increase its tax levy more than 6 per cent unless specifically authorized by a majority of the legal voters voting on the question. A written opinion of the City Attorney states that this law would apply in the present case, as there is no authorization for additional expenditures included in the proposed ordinance. It is obvious that to increase the department by 22 men, the number suggested as suffimen, the number suggested as suffi-cient by the advocates of the two-platoon system, a large part of the \$91,080 needed can be obtained only by depriving other departments of their normal increase in expenditures. Unless more than a proportional increase in the appropriation for fire depart-ment salaries is allowed, provision can be made for not more than one-third the men claimed to be necessary to maintain even the present inadequate strength. Where, then, is the money to come from to pay the other men re-quired? The obvious answer to this is that it will be necessary materially to reduce the number of companies in service. Or will it result in even worse conditions, by dividing the already in-adequate force into two shifts, leaving all companies so inadequately manned as to seriously endanger the protection of the city?

"But it must be remembered that there are, even now, not enough com-panies in service, and that they are seriously undermanned. The danger arising from such a condition is so serious that no thinking man or woman who realizes the possible appalling loss, both in property and lives, which might easily occur from the lack of a sufficlent fire force, should sanction any measure increasing it. The present state of war in this country, with its consequent probability of incendiary fires, adds another hazard that should not be ignored.

Increased Cost Will Be \$171,264. "The number of men which it is proposed to add to the department, supposing the funds were available or could be made available, is below that could be made available, is below that necessary to maintain the present strength. In the estimate submitted by the two-platoon committee no account was taken of the one day off in six which the proposed amendment will still give the men. They say that the City Council can pass an ordinance requiring them to work every day in the year except the 15 days' vacation, but it is doubtful if the City Council has the power to pass such an ordinance or is doubtful if the City Council has the power to pass such an ordinance or would pass it if they had the power. The act to be voted on includes the ordinance granting the one day off in six, and the act can only be changed by another vote of the people, so that the one day off in six is quite likely to be a permanent institution. A written opinion of the City Attorney states that under the proposed act the members of the department are still entitled to 15 days' vacation and one day off in six. With this in mind it is apparent that instead of the 456 men which it is claimed are all that are needed to keep up the present minimum strength, it will really require 76 men more, or a total of 552, an increase on regular detail of 148 over the present force, and a total of 532, an increase on regular detail of 148 over the present force, and 25 more to take care of vacations, making a total increase of 173. This would mean an increased cost to the city of \$171,264, making an expense for salaries alone for next year of about \$693,584, or approximately \$2.78 for every man, woman and child in the city, based on an estimated population of 259,090. This, however, does not allow for unusual absences due to sickness, for which substitutes must be which substitutes must be

Reserve Force Argument Answered. "The number of men proposed by the ommittee, but not specified in the act, would seem to be equal to or in some cases even slightly in excess of the most essential features of respon-minimum required by the National sible management. "In New York City the added hazard," Board standards for day shifts, but no account has been taken of the one day off in six. It is argued that the offshift would give a reserve force of trained men at time of serious fires, but the provision in the act for the response of members of the off-shift is so worded as to require the members to be notified in person that their services are needed, or they shall have actual knowledge that great or unusual danger exists. In a written opinion of the City Attorney on this point he says:

Board standards for day shifts, but no account has been taken of the one day off in New York City the added hazard, the conditions, has been reconditions. The days off for firemen have been recondings, wants a chance to secure an education. It has been a hard fight for form during the past few years and there have been times when it looked as though his school days were over.

He appealed yesterday afternoon to will F. Spencer, chief officer of the home-placing department of the Juventual knowledge that great or unusual danger exists. In a written opinion of the City Attorney on this point he says:

Board standards for day shifts, but no account has been taken of the own conditions, has been reconditions. The days off for firemen have been recondings, wants a chance to secure an education. It has been a hard fight for for firemen have been from during the past few years and there have been the city without special permission. An auxiliary force of youngting the toward of better home surtoundings, wants a chance to secure an education. It has been a hard fight for for firemen have been recondings, wants a chance to secure an education. It has been a hard fight for for firemen have been from during the past few years and there have been the city without special permission. An auxiliary force of youngting the past few years and there have been the city without special permission. An auxiliary force of youngting the past few years and there have been the city without special permission. An auxiliary force of youngting the past minimum required by the National Board standards for day shifts, but no shown that he had actual knowledge, or that actual notice had been given to him in person, that a great and unusual danger existed. It is obvious cendiary fires or other troubles which how unsatisfactory such an arrange-ment would be and how impossible it would be to serve personal notice to the firemen, especially in the time of serious conflagrations, when every man is most urgently needed.

"The night strength under the pres-

ent system is much greater than the day, and this condition will always be found in single-platoon systems, and there is good reason why this should be so, as, for instance, the greater difficulty in combating night fires and the likelihood of night fires acquiring greater handway before discovery. greater headway before discovery.

"This is of great importance at all times and of particular moment at the present time, as during the night hours will occur most of the malicious fires resulting from the present critical conditions."

"This need of a stronger night force is indersed by a majority of fire chiefs, as indicated by recent strongly expressed opinions from chiefs in many of the larger cities.

Important Matters Forgotten.

"Other features which have been

the first year and each additional year for any of these important features. The bill as submitted is condemned chief can detail men from the day necessary, and is defective in many corresponding increase in fire losses.

Even with a full complement of men, the engineers say the system would the two-platoon system will require Following are the comments of the engineers on the subject:
"Under a 6 per cent tax limitation amendment to the state constitution a work that is being done by the Portland Fire Department and which under land Fire Department and which under the proposed two-platoon system will of necessity be discontinued, is well illustrated by the fact that in the two years the Fire Prevention Bureau has been in operation the number of fires has been reduced from 1960 to 734, the losses have been reduced from \$1,-\$00,000 to \$275,000, and the per capita loss reduced from \$6.78 to less than \$1.

System Reduces Efficiency. While the two-platoon system in itself may not be objectionable from an efficiency standpoint if properly organized, it cannot give equal service without materially increasing the number of men and the tendency to keep the expenses as low as possible has resulted in such meager provisions for this increase that most fire depart-



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Mary Jane Roy and Mary Cain, the two young nurses who were in the of-fice of Dr. Fisher when Mrs. Fisher committed suicide, have been released.

Nebraska Considers War Problems.

OMAHA, Neb., May 23.—The Nebraska

conservation congress for the purpose

of mobilizing the state's resources for the war, opened a 2-day session here last night. Two thousand delegates,

representing all organized civil, con mercial, farming and financial bodi-in the state were present.

William Farnum

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ments where it has been introduced have been materially reduced in efficiency. A notable example of this is the case of Pittsburg, Pa., where the reduced efficiency of the fire department under the two-platoon system un

loss at the most serious fire in the city in several years.

"The effect of outside influence on the discipline of the department is already showing itself in a pernicious way. The proposed law limits the authority of the fire chief in such example.

WORK FOR BOARD.

Tom Duane Appeals to Home-Placing Department of Juvenile Court

hority of the fire chief in such essenfor Assistance. tial details as the number of men on watch, hours of service, changes of shift, etc., thus taking away some of Fifteen-year-old Tom Duane.

bright-eyed young chap in need of bet-

thing, for all he wants is enough to make his way through life while se-curing an education which will lead to

are likely to arise during the present unsettled state of the country.

"Thus, while other cities are endeavoring to increase the efficiency of their fire protection because of the abnormal conditions, Portland is proposing to experiment with a system which definition of the boy was such as the force the lad to leave home and he periment with a system which def-initely decreases the practical value of each member of the force.

"With finances taxed to meet other"

Tom is in the eighth grade, and

each member of the force.

"With finances taxed to meet other war-time emergencies, it is unlikely that the city can provide a two-platoon force adequate to the protection of its character and desire to better his con-

that the city can provide a two-platoon force adequate to the protection of ity enormous values. Furthermore, a large increase in untrained men would inevitably prove a handicap to the department. At a time when the importance of conserving both men and resources is plain to all, a plan necess sitating a large increase of the force required to maintain previous standards of protection is certainly inopportune, and if Portland commits itself to the two-platoon system it must make prompt and adequate provision for a large addition to its fim force unless the city is to remain without the proper protection."

It there is any person who can assist the boy in his longing to continue his school work by giving him a job before and after school hours he is required to maintain previous standards of protection is certainly inopportune, and if Portland commits itself to the two-platoon system it must make prompt and adequate provision for a large addition.

MRS. FISHER BURIED TODAY

Services for Woman Who Took Own

Life to Be at Cathedral.

The funeral of Mrs. Hazel Fisher, wife of Dr. Ralph Fisher, who committed suicide in her husband's office in the Ellers building early Tuesday morning, will be held this morning at



Blind Regret Death of Choate.

PARIS, May 23 .- Soldiers blinded in the war held memorial services yester-day for the late Joseph H. Choate, of



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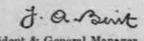
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