

Indiana Daily Times

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CIVIL SERVICE is what you don't get in some garages.

HENRY FORD'S \$29,000,000 refund seems to have flattered.

LESS than twenty years ago 50-inch bloomers were considered scandalous.

IT MIGHT relieve the situation if some one would accept Congressman Blanton's pugnacious invitations.

IN OTHER words Councilman Bernd believes one municipal rendezvous for bootleggers is enough for the present.

JACK DEMPSEY, who is on his way to Europe, probably will feel a lot safer there than he would have a few years ago.

PERHAPS Elmer Dover, the President's official "bouncer," has decided that "Uncle Andy" Mellon is ripe for firing.

THE PRESIDENT'S ship subsidy plan would cost \$52,000,000 a year, Chairman Lasker says. But what is \$52,000,000 among friends?

Curbing the Speed Demon

Automobile speeders are being sentenced to the rock pile in Los Angeles and jail and workhouse terms are being handed out in Cleveland and Detroit.

Indianapolis Police Judge Delbert O. Wilmeth has announced a graduated scale of fines for the speed fiend who is so disregardful of other people's lives and property that he selects the city streets as the proper place to give vent to his mania for fast traveling.

The majority of autoists are obeying the law. It is, therefore, doubtful if the imposition of a mere fine will curb the tendency, happily not general, in a few who bear a surprising affinity for a rising speedometer indicator.

Young Dodge pronounced himself cured after he spent five days in a Detroit workhouse after he was convicted for speeding. A woman speed demon vowed she would never do it again after she was sentenced to a day in jail in Cleveland.

But why should Los Angeles have a monopoly of this effective institutional treatment for motorists with an enlargement of the speed gland? asks the Evansville Courier. "Why not more of these expensive clinics and in many more places?"

Every automobile speeder arrested means the possible saving of a life and the almost certain prevention of injuries and destruction of property," says the Muncie Press, which refers to speeders as "potential murderers." "The man who is so anxious to get a thrill out of driving his car so fast that he is careless of the rights of others is fit only to decorate the inside of a prison," this paper adds.

Even if our Indianapolis judge is inclined to be tolerant and merciful in the case of ordinary speeders there should be no hesitancy on his part to assess the maximum penalty when autoists are found guilty of driving while under the influence of liquor. It is to be regretted there is no rock pile for this species, but the penal farm provides a good substitute. The man who, while intoxicated, appears on the street at the wheel of an automobile, is just as dangerous as the footpad who prowls about at night with a loaded revolver looking for victims.

A Third Rate Navy

If the House Appropriations Committee, which has usurped the functions of the commander in chief of the American Army and Navy and which has cast aside the recommendations of the Budget Committee, is allowed to fix the size of the United States Navy this country will bear a sea ratio of 2-7-8 to five for Great Britain and three for Japan. This committee, which has been seizing executive prerogatives with a freedom that would have done credit to the days of Cannonism, will thus be enabled to abrogate the results of the recent disarmament conference and will place the United States in a third class position.

If any of our delegates to the Washington conference had attempted to barter away our right of defense by granting a preponderance of armament to the other powers the whole country would have arisen en masse and demanded their expulsion, but the Appropriations Committee, believing itself firmly entrenched and strong enough to defy the wishes of the President and the Secretary of the Navy, feels that it can do with impunity what the peace delegates could not have done if they had so wished—and the pity of it is they seem to be getting away with it.

Under the bill the committee proposes to report provisions will be made for only 67,000 men to man the Navy. Great Britain will have 104,000 men in her navy this year and Japan 65,000, thus placing us third in point of personnel.

But that is not the worst. By cutting down the man power the United States can only maintain thirteen battleships in commission, whereas under the terms of the Washington conference she is entitled to eighteen battleships. A man-of-war without a crew is not a fighting craft nor a training vessel. It is simply a naval relic.

With the men provided for by the Appropriations Committee we can only keep 703,952 tons of combatant ships ready for service, while England will man 1,307,785 tons and Japan 689,456. Under the terms of the treaty we are entitled to a Navy equal to Great Britain's and 40 per cent greater than Japan's.

The Navy Department, backed by President Harding, has asked for a minimum of 96,000 men, the quota that would enable us to utilize the fleet left under the provisions of the 5-5-3 naval treaty.

But a committee that could cut the army down to a point below that dictated by sound prudence, that could tell the commander in chief where he can station troops and where he cannot, all in behalf of economy, and then could turn a hand spring and vote millions to "pork" likely will not hesitate to paralyze the country's sea defense.

Progress

Painless progress seems to be unknown. Ever since time began the steps of real progress have been through the painful process of unfoldment. The acorn, coming into existence through the beautiful process of bud, blossom and growth, must go into the ground away from the beauties of life, submit to the bursting of its shell and the giving forth of a sprout in order to make its normal progress into the majestic oak.

So mankind goes through the unfoldment of budding infancy, happy childhood and youth, but the time comes, if he would develop into the fullness of his heritage as a man, that he must submerge himself in the struggle for mastery and submit to the normal unfoldment of individual human progress. The mastery he would gain is not that of domination of his fellow man. It is the mastery of self. So mankind must suffer the breaking of the shell of selfishness and limitation and sprout into the manly man, with dominion over the problems and struggles of selfish existence.

Thus in the industrial world today we are seeing the effects of the various steps of this sprouting process of progress. Competition, depression, strikes and controversies are but external evidences of the stir within to break the shell obstructing progress. These conditions may seem to be evil, but they are not if honestly applied. He who subverts these efforts to selfish ends stays within his shell and decays like the barren acorn. He who breaks the shell of selfishness comes forth, like the fertile acorn, in splendid progress, and not only betters his own cause but aids that of his fellow men.

In the coal strike we see a struggle intended basically for something good. That which is selfish or evil, and all who permit themselves to be a party thereto, must necessarily go the way of all evil and be submerged in oblivion. That which makes for real development in progress, both for men and industry, will come through the struggle and sprouting process, unselfed and unharmed, to bless mankind.

Let every man forget the sordid, the greedy, the selfish, and work for the good of all, and the world will witness a step in progress and prosperity beyond the highest conception of humanity!

Duncan Tells Why Sending Power of Radio VariesBY R. L. DUNCAN,
Director Radio Institute of America.

Radio waves in the air behave pretty much like waves in the water.

Send a stone to a stone, which is plunged in and out of the water, constantly sending out wave lengths; this is just the operation of a radio transmitter during a sendup.

If the stone is large and more force, or pressure is put behind it, the waves will travel outward further.

Just so with a radio transmitter. If the source of power is greater, the elec-

trical. By means of this more inductance may be added and the wave length increased.

If the main antenna has too much inductance and the wave length is too long, a condenser of about .001 capacity is placed in series with the antenna circuit to cut down the length.

Wave lengths travel with the speed of light—186,000 miles a second.

The waves may be sent out in one direction if the antenna is constructed directionally.

Take a large, flat stone and let the largest surface strike the water first. The wave will travel with more volume in one direction.

In radio transmitting the directional aerial is used only when the transmitting stations want to throw the most of their power in one direction.

Broadcasting stations do not use directional antennas. They want to cover the largest possible area.

HOW WATER WAVES RADIATE,
UNSEEN WIRELESS WAVES BE-
HAVE THE SAME WAY.**RADIO PRIMER**

ASTATIC PAIR—This term means two magnetic needles of equal length and strength, which are fixed parallel with unlike poles adjacent and with magnetic axis in the same vertical plane.

TONIGHT'S PROGRAM

INDIANAPOLIS STATION WLK—

9:00 p. m., musical program.

INDIANAPOLIS STATION WOH—

8:00 p. m., weather report.

1:00-1:30 a. m., farmbulletin.

1:30-2:00 a. m., farmer's news from

Indiana Federation of Farmers' As-

sociation.

4:00-4:30 p. m., special entertainment.

CHICAGO STATION KYW—

6:30 p. m., news, final market and

financial report.

8:00 p. m., news and reports.

PITTSBURGH STATION KDKA (east-

ern time)—

7:30 p. m., Bedtime Stories," by How-

and-Garle, author and originator of

"The Little Rascals."

8:00 p. m., "A Good Dream Gone

Wrong," by George R. Wallace.

8:30 p. m., entertainment by Selena

Garrison, pianist.

9:00-9:30 p. m., news (United Press),

9:30-10:00 p. m., Arlington time signals.

NEW YORK (N. Y.) STATION WJZ (east-

ern time)—

7:00 p. m., "Bedtime Stories," by How-

and-Garle, author and originator of

"The Little Rascals."

7:30 p. m., "Bedtime Stories,"

7:45 p. m., special business review.

8:00 p. m., musical program.

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9:30-10:00 p. m., Arlington time signals.

DETROIT (MICH.) STATION WWJ (east-

ern time)—

7:00 p. m., "Man in the Moon" sto-

ries for children.

7:30 p. m., "Crime Wave," by Francis

M. Hugo.

8:00 p. m., concert by the Hexamer

Drums, Pipe and Bugle Corps, of

Newark, who are the eastern States'

champions and winners of thirty-

eight first prizes. Major J. J. Mor-

ison, director.

9:30 p. m., recital by Miss Mabel Leg-

eck, soprano; Marguerite Ballie, pi-

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7:00-8:30 p. m., regular musical pro-

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