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NEXT DRAFT CALL DUE WITHIN WEEK

800 to 900 Hoosiers to Be Summoned for Duty Beginning
Early in January; Everything Ready, Say
Conscription Officials.

Within the next week, State Selective Service officials expect a call to provide between 800 and 900 young Hoosiers early in January for service in the U. S. Army.

This call will be for more than twice as many men as were taken from Indiana in the first call last month; later calls will be for still more men, officials said.

By next June, 21,087 Hoosiers are scheduled to be in the Army for one year's training under the Selective Service Law. A little more than 2000 of this number will be from Marion County.

Everything's ready for the second call, draft officials said. From 50 to 100 more holders of low order numbers have been classified by local draft boards, which know that they will have to furnish more men, and most of the men believed eligible for Class 1-A have been given medical examinations.

100 Examined at Armory

One hundred Marion County men were given medical examinations at the National Guard Armory Wednesday.

Draft Boards in three of the less thickly-populated counties filled their quotas for the year in the first call and have no more to do this year.

Draft officials say that the only trouble in the draft program has arisen from the failure of many draft registrants to understand why they receive a lower order number from their local draft boards than they received in the Washington "fish bowl" lottery.

Total Exceeded Number Available

This is caused by the fact that more numbers were drawn in the national lottery than there were in any Indiana local board. Numbers drawn which were higher than the highest number given by a local board were simply crossed off the list when the local board allotted order numbers.

The first two numbers drawn—158 and 192—hit each of Marion County's 15 local boards, for example, and men with these serial

numbers were given the order Numbers 1 and 2.

The third number drawn was 239. No one had this number in Marion County, so each local board simply crossed the number off its list. The fourth and fifth numbers drawn—620 and 668—met the same fate.

19 Numbers Before No. 3

The sixth number drawn was 479. One Marion County board had enough registrants to have a man with this number, so this man in one board became number 3. The other 14 boards had to pass by 19 numbers before they came to one which was low enough to affect their registrants. This was number 105.

Thus, 14 men with serial number 105 received Order No. 3, even though 105 was the 19th number drawn. In the other board, which had a few more registrants, 105 was the sixth number drawn, which affected a registrant, so the holder of the number in this particular board was given Order No. 6.

Emergency Food Ready for Birds

TONS OF SCREENINGS and grains collected by the State's conservation clubs during recent months are ready for use in the emergency feeding of birds during winter months, Virgil M. Simmons, Conservation commissioner, reported today.

The clubs have arranged to use the services of rural mail carriers, highway workers and drivers of milk and bread trucks in scattering the feed over wide areas. Feeding stations have been established in all the State parks.

'Corn Princess'



Beverly Meal, 17-year-old Waldron, Ind., high school senior, was named "Corn Princess" at the National 4-H Congress, held in Chicago in connection with the International Livestock Exposition. She exhibited 10 ears of Reid's yellow dent, which she raised herself.

NYA MAY OPEN ITS WORKSHOP TO GIRLS

National Youth Administration workshops here soon may be opened to girls.

Robert S. Richey, State NYA administrator, said that 30 girls already have been assigned to workshops in South Bend as the first step in a state-wide move to extend industrial experience to unemployed young women.

Their first work will be production of various articles for the new NYA resident camps now under construction. The girls were selected from those on NYA projects and from lists of those awaiting assignment, Mr. Richey said.

DINNER AT SOUTHPORT

A Christmas dinner will be held this evening at Southport High School by the Seniority Girls organization. Home Economics pupils will prepare and serve the meal.

TYNDALL IS ON WAY TO FT. BENNING, GA.

Maj. Gen. Robert H. Tyndall, Indianapolis, commander of the 38th National Guard Division, and three other high ranking Division officers are en route to Ft. Benning, Ga., for a two-week conference on division training problems.

With Gen. Tyndall were Brig. Gen. D. Wray Deprez, Shelbyville, Division infantry officer, and Col. Norman Nicolai, Indianapolis, Division chief of staff. The Division's artillery officer, Brig. Gen. Ellerbe W. Carter, Louisville, was scheduled to join the other three at Ft. Benning.

En route to Ft. Benning, Gen. Tyndall planned to stop over at Camp Shelby, Miss., where his division will go into active training sometime next month. Thousands of tents, barracks and office buildings have been constructed at Camp Shelby in the last two months to house the 38th Division, composed of troops from Indiana, Kentucky and West Virginia.

The More You Study the Solar System, The More Dippy Paradoxes You'll Find

The more you probe into the workings of the solar system, the more complete your collection of dippy paradoxes becomes.

For instance, it is almost incomprehensible, but it is true, that now we are having the longest days of the year and the earth during our winter is about 3,000,000 miles nearer the sun than in our summer.

It won't make much difference about the length of the days unless you are a minute squeezer. Actually, the days right now are only about a minute longer from noon to noon than they were last September. But it's a minute most people hadn't counted on, and an awful lot of gigantic sky operations are required to produce it.

There are two things that affect the length of the day. One is the changing distance of the earth from the sun, and the earth, like we say, is nearly 3,000,000 miles closer to the sun than it was in July.

When the earth is closest to the sun, its movement around the sun is fastest because, obviously, it doesn't have so far so go. And since this motion of the earth makes the sun itself seem to move around the earth from west to east day after day during the year, it also goes fastest.

The result is that each day the sun is later in crossing the meridian at noon than if it were moving at a slower speed, and the day is longer than average.

(Note to reader: You'll have to give this your undivided attention and we can't have whispering in the classroom.)

There is another effect. That is that the yearly movement of the sun through the sky is not directly east all the time. It is now, and it is in June, but in March it is moving northwards as well as east, and in September it veers southward.

This also affects the time between the noon-day crossings of the meridian. At the present time, they combine to make the day longest, while in September they combine to make the day shortest.

(Note to reader: What'd we tell you about that whispering?)

All this is responsible for the chief difference between sun dial and clock time. It so happens that Christmas is one of four times of the year when they agree.

At least, this is the way things have been going in the past and there is no basis for supposing that there will be any material change this year. The solar system is very "set" in its ways.

MISS ELLIOTT TO SPEAK

Miss Helen Elliott of the Tech High School social science department Thursday will address a Washington High School Assembly on "Historic New Harmony."

NEW TYPE OF STEAM ENGINE INTRODUCED

NEW YORK, Dec. 6.—A new type of steam engine which yields one horsepower for each five pounds of weight, comparing favorably with gasoline engines used for automotive service, was described here at the meeting of the American Society of Mechanical Engineers.

Technical details of the engine were given by S. L. G. Knox of Englewood, N. J., who designed it, and Prof. J. I. Yellott of the Illinois Institute of Technology, who has conducted tests upon it.

The engine, which weighs 450 pounds, and gives a maximum of 90 horsepower, is a reversible one, in which changing the direction of the flow of steam reverses the direction of rotation. Its outstanding feature, the engineers said, "is the valve gear, by which a number of useful functions are performed without introducing more moving parts than the minimum required for a simple non-reversing engine with the same number of cylinders."

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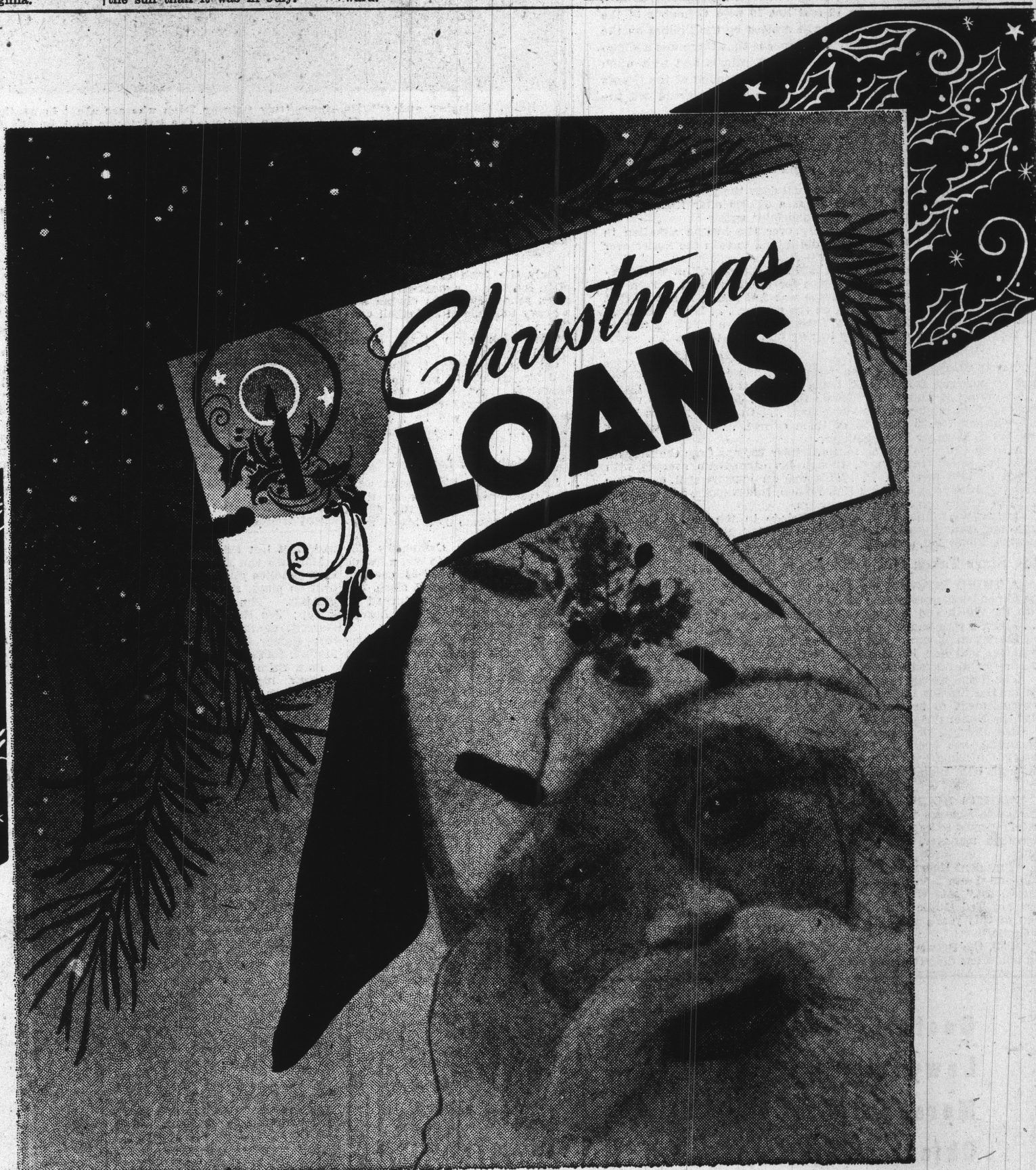
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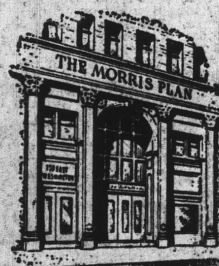


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