# Important-

## AT ANY MEAL, ANYTIME!

Busy housewives all over the country have learned the wisdom of serving Kellogg's ready-to-eat cereals often. Nothing to mix or cook. Appetizing *anytime* of day. Easy-to-digest, too!

## Radar – Super Secret of War

### Veil Lifted on 'Seeing Eye' Of Allied Fighting Forces

One of the great secret stories of the war was released by London and Washington on the day of the war's ending—radar.

Sir Stafford Cripps, who was chairman of the British Radio Board during a great part of radar's development, said: "Radar played a greater part in the whole war than the atom bomb itself. It contributed to the winning of the war more than any other single factor."

As British and American censorship lifted the veil of secrecy from the invention, it became known that radar:

Played a major role in winning the battle of Britain and defeating the German air blitz of 1940 and 1941;

Helped to locate and sink the battleships Bismarck and Scharnhorst;

Enabled German industrial cities to be pulverized by huge bomber forces, despite darkness and cloud;

Silenced German coastal batteries in France before the D-Day landings in Normandy;

Guided paratroops to their destinations;

Helped to win the battle of the Atlantic;

Defeated the flying bomb, Germany's V1 weapon.

**Principle Is Simple**

Its principle is simple. It is nothing more than the transmission of radio energy into the atmosphere. These waves speed through the air until they strike an object and then are deflected back to be picked up on a receiving set. The time elapsed between the transmission and its receipt gives you the distance of the target; the initial direction of the wave, its position, says The Winnipeg Free Press.

Some of the incredible feats performed by radar were announced in a recent news release from London, England. It can pick up rain storms and even the tops of waves. It will locate planes in flight and provide the information for determining, not only their course and speed, but also their altitude. It can and does pick up so small an object as a flying bird. Furthermore, it will trace out land contours with the accuracy of a chart.

It has removed almost all, if not all, the hazards of fog, ice and collision at sea.

**Merchant Ships To Profit**

It is easy to see how merchant ships will profit by the addition of radar. Shipping so equipped will no longer be hobbled by fog or forced to alternative and longer routes by ice, as frequently happens off the Canadian east coast. But it will be more important still on the less travelled commercial runs.

A good example is the Hudson Bay route to Churchill where navigational aids are few and far between and magnetic disturbances add additional hazards. A freighter carrying radar will be able to thread its way through the northern passages with its sets providing an unerring picture of the land.

Furthermore, the majority of modern freighters are now equipped with Sperry gyro compasses, an added advantage in northern waters where the nearness of the magnetic pole plays hob with the standard magnetic compass.

**Canadians' Role**

Something of the part Canadians played in the radar war was told in news despatches which accompanied the original release. Nearly 6,000 Canadian radar mechanics and officers answered an appeal for such technicians by Britain. This was more than half of the total serving in the R.A.F.'s ground and air installations in the European and Pacific theatres.

Basic training in radar principles was provided in 15 Canadian universities and so competent were the men turned out in these courses that they were soon to be found in nearly every field where radar was operating.

Canadian radar officers and technicians were also appointed to many ships of the Royal Navy, in addition, of course, to manning the Canadian Navy's own vessels. . . .

German radar developments never matched those of the Allies, neither did their efforts to counter the effects of this weapon. The Nazis lagged in this, as they did in so many other fields of research during the war. It was fortunate for us they did.


## KILL THAT FLY

## World Hopper

**A super-bomber of the type which Gen. Henry H. Arnold, commander of the U. S. Air Forces, says the Army now has, could circle the earth at the equator in only three jumps. Circumference of the equator is 24,902 miles. A range two and one-half to three times that of a B-29 would permit the super-bomber to fly 9000 to 10,800 miles without landing.**

## Super-Nylons To Last Ten Years?

The probability of a super-nylon was predicted by Dr. Geodge R. Harrison, head of the physics department of Massachusetts Institute of Technology. Super-nylons might be expected to make a stocking to last ten years, or to stand extraordinary wear without quickly being worn out, he said.

## WHAT SCIENCE IS DOING

### *Pilot's Night Light*

We were the first country to engage extensively in night-fighting, writes the London correspondent of the Ottawa Journal. Its problems have beeen studied scientifically by the R.A.F., and big improvements devised. Above all things a night pilot needs to see objects outside the aircraft, but he is handicapped and dazzled by the lighting needed for the controls in the cockpit and by reflection from the wind and side-stream.

He has been, therefore, in a worse case than anyone trying to see out of a lighted room at night. A new method of duel system lighting has now been devised which provides flourescent lighting for the instrument panel and red lighting to illuminate the cockpit. By these means reflections are eliminated and the cockpit lighting interferes only to a negligible degree with vision of outside objects.

Eye-strain and general fatigue are reduced to the minimum. The fluorescent lighting is obtained by painting the instruments, much as the hands of a watch are made luminous. The interior red light has the advantage that objects show up brightly when directly observed but fade out when the observer looks away from them. Moreover, the pilot can regulate the strength of the lighting according to requirements.

## Canada Has No Jeeps for Civilians

Plagued by tens of thousands of requests, War Assets Corporation came out with these salient facts in relation to itself and the jeep:

We have no jeeps for disposal.

We have never had any.

W don't expect to have any for a long time ,if ever.

By telephone, letter and the spoken word, the tens of thousands have been harrying the corporation with requests for jeeps to be put into civilian uses.

## BRITAIN HONORS ITS WAR LEADERS

Marshal Sir Charles Portal

Admiral Sir Andrew Cunningham

Field Marshal Sir Alan Brooke

For their leadership of Britain's armed forces to victory in the war in Europe, three men were named barons, with the title of "Lord" and seats in the House of Lords, in the "resignation honors" list drawn up by Winston Churchill upon his retirement as Prime Minister. The men are Admiral of the Fleet Sir Andrew Cunningham; Marshal of the Royal Air Force Sir Charles Portal; and Field Marshal Sir Alan Brooke. Their appointments were approved by King George VI.

## 20 Crews Seek Uranium Deposits

The importance of uranium ore and its role in atomic bombs and atomic power have focused the eyes of the world on the mining belts of northern Canada, particularly on the Great Bear Lake area of the North West Territories, says the Financial Post.

The action of the Dominion Government in taking over all rights in radioactive ores, such as uranium in the North West Territories and the Yukon, by instrument of order-in-council of September, 1943, has lessened the interest of the average prospector in the area. It has, however, quickened the interest of the government-employed geologist and engineer to the extent that the Hon. C. D. Howe, Minister of Munitions and Supply, has announced the use of 20 government prospecting parties in exploring the area in the general vicinity of Great Bear Lake.

## Uranium Flown Out Of Australia

Winston Churchill early last year asked Australia for all the uranium it could produce for atomic bombs, and operations began promptly at the Commonwealth's only source of supply of the product at Mount Painter, 400 miles north of Adelaide, it was disclosed.

Within six weeks, machinery had been installed and roads and an airport built to fly the element out of the country.

Exact use of the uranium remained a secret, of course.

## Churchill Cheered By London Crowd

Winston Churchill was cheered wildly outside Buckingham Palace by a jubliant V-J-Day crowd that practically ignored Prime Minister Clement Attlee and his new Labor Cabinet.

Attlee and his official party drove unrecognized past the crowd, which had been waiting for hours to greet them. A few minutes later, Churchill's car drove up from the opposite direction and the cheering mob broke through police lines to reach him.

Churchill beamed happily and waved.


**Swift Ease for Miserable**

# BACKACHE

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GOOD QUALITY BALED HAY, $15.00 ton at barn or F.O.B., John Worsley, Cameron.

SPRINGER SPANIEL PUPPIES, Regd. three liver & white males, Sire Bombadier of Sandblown Acre, Dam Konover's own Surprise. Also one black and white male not reg'd, born May 28. E. R. Bailey, Wellington, Ont.

TWO BEAUTIFUL BAY SADDLE mares, six years, guaranteed sound show ring condition, reasonable, consider trade for small ponies. E. E. McDonald, Cooksville, Ont.

ELECTRIC MOTORS, NEW, USED bought, sold, rebuilt; belts, pulleys, brushes. Allen Electric Company Ltd., 2326 Dufferin St., Toronto.

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ONCE USED 75-LB. JUTE POTATO sacks, 8½c each; 75-lb. cotton potato sacks, 7c each; 50-lb. onion sacks, 6c each. Write immediately. London Bag Company, London, Ont.

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200 ACRES, REACH TOWNSHIP, 165 tillable, balance bush, pasture, good land; Uxbridge 6 miles, good roads, phone, Hydro, running water in stables, brick house, 9 rooms, bath, barn, 136 x 50; sheds, 22 x 60 and 28 x 40. Apply Arthur Grant, Uxbridge, R.R. 3.

132 ACRES CLAY LOAM, TWENTY cleared, touching Lake Huron, mile Bruce Mines. Need money; sacrifice; thirteen hundred cash, or nearest offer. Advertiser, 13 Barton East, Hamilton, Ont.

100 ACRES CLAY LOAM SOIL, SIX miles west of London on No. 2 Highway. Brick house, 2 barns, hydro and water throughout. Close to schools, churches and milk factory. For price and further particulars, apply to owner, Fred Wilson, R.R. 1, London, Ontario.

200 ACRES SUITABLE MIXED farming, 65 cleared, balance good bush, good roads, 5 miles Hydro, fenced, good buildings. Apply box 47, 73 Adelaide West, Toronto.

LAKE FRONT FARM FOR SALE, Victoria County, 250 acres, clay loam, Hydro, modern 8-room house, large barns, $13,000. A. Swain, Valentia, Ont.

SCOTT TOWNSHIP — 200 ACRES, 160 tillable, clay loam, hardwood bush, pasture, spring, large bank barn, hen houses, hog pens, silo, new implement shed, good house, water piped in buildings, Hydro available. Mrs. Minnie Smith, Uxbridge, Ont.

FARM TWO HUNDRED ACRES fenced, seventy cultivated, rest wood, pasture, sugar bush, large bank barn, cement floor, large house, stone wall, basement, spring water, sink, telephone, apple trees, 2½ miles from two towns, school bus passes door, price $3,000. Box 148, Sundridge Ont.

130 ACRES FOR SALE, 9 MILES west of South River, 300 yards lakeshore. Leonard Whittington R.R. 1, South River, Ont.

HUNDRED ACRE TOBACCO FARM for sale, sixty acres Tobacco land three kilns, greenhouse 27 x 100 ft., bank barn with implements. Apply to Paul Palenkas, R.R. 3, Thamesville, Ont.

GOOD DAIRY FARM IN STORmont County, 104 acres, 95 cultivated, balance pasture, close to church and school, seven room house, modern barn, steel equipment, hen houses for 500 hens; other good buildings. Apply Gladstone Warner, Newington, Ont.

**FARMS FOR SALE**

FARM, ERIN TOWNSHIP, CLOSE Erin Village and 24 Highway. Has building, spring creek, water wells, small maple bush. $50 acre. Open for offer. Interested in quick sale. Lot 20, Con. 11, Erin.

150 ACRES OF GOOD LAND FOR sale on county road, ½ mile to highway and village, with good buildings. Apply to Evans Ward, Claremount, Ont.

**MEDICAL**

DON'T DELAY: EVERY SUFFERer of Rheumatic Pains or Neuritis should try Dixon's Remedy. Munro's Drug Store, 335 Elgin, Ottawa. Postpaid $1.00.

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ALGOMA MILLS, ONT. QUALIFIED Teacher wanted for S.S. No. 1 Long rural school. The salary is $1,000.00 per year. Either sex. Duties commencing Sept. 4. Apply to Mrs. Wm. Nyman, Sec.-Treas., Algoma Mills, Ont.

DURHAM COUNTY, S.S. NO. 1, Township of Manvers, requires teacher (Protestant) for term commencing September next; school situated at Yelverton on 7A highway. Apply, stating qualifications, experience and salary expected. W. Harold Stinson, Sec., R.R. No. 2, Janetville, Ont.

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QUALIFIED ENGLISH SPEAKING Teacher for Ettyville Public School, Salary $1200. Apply to Mrs. T. Lalonde, Box 43, R.R. 2, Bourget, Ont.

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