

Wise or Otherwise

By Ethan Grant

Mr. Churchill in his Sunday broadcast spoke of many things, but not until he mentioned radar did the wide world sit bolt upright and cock its collective ear. Radar was, until then, the greatest military secret of all time, being known only to the allied fighting men, the Japs and the nazis.

The fact that I have been a radar enthusiast—in fact, a collector of radars—almost since its inception, may come as a surprise to even my closest relatives. And so, with Mr. Churchill's implied sanction, I believe I may now tell you about it.

As an instrument of magic, radar has no peer and only one equal, the scuttlebutt. The difference is that, where the scuttlebutt employs the spigot and the rumor, radar is equipped with a potent finger of invisible light. It is an amazingly stout finger, with which all manner of objects can be picked up, including submarines and even mountains.

Imagine if you can the degree of annoyance to the commander of a submarine when it is picked up by radar and suddenly dropped on its back on the hard ocean surface. There is as yet no authoritative reported instance of it dropping a mountain on its back, but this is because mountains are not easily annoyed, and of no great military value on their backs anyway.

Radar can also pick up steel buildings, radio broadcast stations and other vitally important objects. Sailors are said to be using it in San Diego for picking up dates.

As most truly great inventions are, the mechanics of radar are fundamentally simple. It consists of a small box containing, besides its sensitive finger and cuticle, five klystron radiation tubes with heterodyne, 3-phase tuning, a hot-wire ammeter, a type I change-over switch with a small bank of leyden-jar condensers in parallel with a series of quench gaps, a rotary nonsynchronous converter and a primary copper helix for measuring the calibrated output.

The parts, if you want to build your own, may be obtained at almost any radio repair shop which is located next door to a fish market on the east side of a through street.

It should, but never does, go without saying that the radar is already credited with some marvelous accomplishments. A super model, built and installed especially for Mr. Churchill, is said to enable the prime minister to sit in his office at No. 10 Downing street and melt the medals on Hitler's chest or open Hitler's private mail.

Few persons without technical knowledge can appreciate the magic wonders of radar or easily imagine some of the purposes it can be made to serve. It sounds a little incredible that on Battleship X the junior communications officer employed a homemade model for analyzing the contents of a plate of hash. Or that on Destroyer B a radar built by a cook's apprentice in his spare time was used for ascertaining the fertility of the soil under a coxswain's nails.

Perhaps we ought to comment briefly on the future of radar, especially since it is now abundantly evident that it may have an exceptionally interesting future. It has great promise as an aid to the neglected housewife. Since it can be tuned to metallic objects, a wife can adjust her radar to her husband's belt buckle as he leaves the house at night and, no matter where he goes or what he does, he will be followed by that diabolical finger of invisible light.

RATION CALENDAR

FOOD
Canned goods — Blue stamps A8, B8, C8, D8 and E8 worth 10 points each.
Meat, cheese, canned fish and edible fat. Red stamps A8, B8, C8, D8, E8, F8, G8, H8, I8 valid now.
Sugar — Stamp number 30 good for five pounds sugar indefinitely. Stamp 31 good beginning April 1. Stamp 40 good for five pounds canning sugar until March 1, 1944.

STAMPS
Stamp No. 18 book 80¢ good; expires April 30. Airplane stamp No. 1 valid indefinitely. Loose stamps invalid.

GASOLINE
June 31 expiration date of No. 11 A coupons. May renew B or C coupons within but not before 15 days from date on cover.

Value of gasoline coupons: A, B1, C1, 3 gallons; D1, C1, 2 and 1 1/2 gallons; D, 1 1/2 gallons; E, 1 gallon.

FUEL OIL
Period 4 coupons good through September 30. Coupons with gallons printed on the face valid for amount indicated until expiration date shown on coupon sheet.

TIRES
A every 6 months (by March 31); B every 4 months (by June 30); C every 3 months; T every 6 months or 500 miles of driving.

STOVES
Purchaser must get certificate at ration board for new stoves.
WOOD, SANDWICH, COAL
Fuel dealers deliver by priorities based on needs.

KILLS
COCCIDIA GERMS
WORM EGGS

Disinfect Brooder and Laying Houses with this Ideal Disinfectant!

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Rt. 5, Box 21, Salem, Phone 2-2842
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Radar will also be a boon to old maids who return home from an evening at the movies wondering if any tramps are hidden under the bed. Radar is exceptionally sensitive to the presence of tramps, having been used extensively in Japanese waters for tracking down tramp steamers.

The development of radar makes a short but thrilling story. Through an international exchange of scientific findings by all the major nations, it was secretly discovered in 1922 and carefully guarded by them from all the minor nations. However, its adaptation as a possible war weapon became an American military secret and was scarcely published anywhere except in the Saturday Evening Post, in 1939.

It has since been synchronized with the ack-ack batteries and is automatic and deadly accurate, except for Mr. Churchill, Basic English and the element of human error.

Home Ec Club Holds Party

JEFFERSON—The Home Economics club of Morning Star grange met Tuesday with Mrs. Gilbert Groshong for a covered dish dinner and a social afternoon. Mrs. Harold Westcott assisted the hostess. Prizes were won by Mrs. Dale Gronso, and Mrs. Robert Groshong. Twelve members were present. Mrs. Lloyd Hilliker and Mrs. William Grenz will be hostesses for the next meeting at the home of the former.

Marianne Ammon entertained last week with a buffet dinner at her home two miles southwest of Jefferson, honoring the birthday anniversaries of her sister, Mrs. Orrin Smith, her aunt, Mrs. William Grenz and also her brother Leland Ammon. Thirty-five guests were present.

Mrs. Evalyn Wall who has been ill for some time, left for Beaverton on last week to the home of her daughter Mrs. Leo Mars and family.

Silverton Hills Clinic Planned

SILVERTON — The Silverton Hills Home Economics club will hold an all-day meeting April 6 at the grange hall. Francis Clinton, home demonstration agent, will open a sewing machine clinic at 10 o'clock and women are invited to bring their sewing machines.

They are also asked to bring an old toothbrush or small paint brush, some wing feathers from chickens or turkeys, a large and a small screw driver, an oil can, a pie tin, old cloth, several old newspapers, two small dishes in which to soak machine parts, an apron or smock, a spool of thread, scraps of goods and the book which came with the machine if it can be found.

Board May Try Age Pension Raise

PORTLAND, April 1 —(AP) The state public welfare commission hinted today it may again try to raise old age pensions.

There are many cases where single pensioners can not get by on \$40 a month now permitted, and some need \$65, J. H. Luthn, chairman, and Miss Loa Howard, secretary, said. They indicated they may present the facts to the state legislature.

The resignation of Clyde Getz, child welfare director, was accepted.

Tax Proposal Frees Income Of Dependents

WASHINGTON, April 1 —(AP) A proposal to exempt the income of dependents from taxation unless it exceeds \$300 has been approved by the house ways and means committee.

Thus, the small earnings of children, if congress finally writes the plan into law, would not be considered in computing the parents' income tax liability.

The computation of the income of dependents as a part of the taxpayer's income now is required in most states, but some permit the taxpayer to "emancipate" a child. In such a case the child's income is not included in the parents' return and the parents cannot list the child for a dependency exemption.

War-time taxes moved in on the nation's drinking, dancing and entertainment habits tonight at a billion dollars a year rate.

So-called luxury taxes ranging from 30 per cent on night club checks to 15 per cent on your telephone began at midnight as part of the new \$2,315,000,000 revenue act.

About half the tax bill will come out of the nation's spending money. The rest comes from higher postal rates, corporation and individual income taxes.

The drinkers bear the brunt of the luxury rates: \$9 a gallon on hard liquor and \$8 on a barrel of beer. That's \$3 more for liquor and \$1 more for beer. Wine taxes go up in amounts ranging from 33 1/2 to 100 per cent.

Other tax increases go on fur coats, jewelry, luggage, light bulbs, theatre admissions, travel tickets, telephones, telegrams and toilet goods.

Silverton Woman Will Visit in South Dakota

SILVERTON — Mrs. Albert Grinde has left for Sioux Falls, SD, to visit her son, Lee Grinde, who is in a military school there.

Mr. and Mrs. Dewey Crowson and son Wesley plan to move to Portland to make their home in the near future. They have lived here for the past two years and all three work in the shipyards. They will leave their 11-year-old daughter, Elaine, with the Harold Roop family, and their 18-month old son with Gladys Smith.

Valley Births

WOODBURN—A son was born to Sgt. and Mrs. Jack Connell at the Woodburn hospital Monday, March 27. He has been named John Winton, for the mother's late father, and her brother in the armed forces. The child weighs 7 pounds and 12 ounces, and is the first grandchild of Mrs. Molly Hunt, of the John Hunt & Son insurance agency. His mother is the former Gelta Mae Hunt.

SILVERTON — Mr. and Mrs. Conrad Dahl have received word of the birth of a granddaughter, born Sunday at Portland. Mr. and Mrs. Donald Moore are the parents. This is their second child, both girls. The Moores formerly lived here.

SCIO—Jimmy Charles is the name of the second child and son born to Mr. and Mrs. Herman Ruetgers of Sublimity, March 22, and with his mother is expected home this weekend.

Mrs. Ruetgers is the former Ruby Rosprafka, daughter of Mr. and Mrs. Anton Rosprafka, farmers on Thomas creek a few miles east of Scio. She was a music instructor in Scio and Stayton communities for several years.

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