WONDERS OF RADAR IN DEFENCE OF PACIFIC COAST ARE DISCLOSED

Details of the radar chain which protected Canada's West Coast against the one-time probable attack by Japanese have been revealed to The Vancouver Sun. In darkness and daylight, in fog, rain or sunshine, month in and month out, the war's most fabulous development gave British Columbians the safety behind which they were:

able to live and work. For almost four years the in- altitude and surface vessels were 10:10-Musical Interlude visible all-seeing eye of radar made visible to keen-eyed watchscanned sea and sky from the men from 30 miles away. southern tip of the Alaskan Pan-

proach of the enemy. in 100 miles of the coast before Rupert and Victoria. his presence was detected by some of the 800 R.C.A.F. personnel who manned the chain.

story of similar organizations in side, Ont., and an outgrowth England and on the fighting the National Research Council fronts.

repeated tasks and little or no diversion.

No thought of comfort for personnel or ease of communication entered into the considerations of the scouting parties. Effici-

and Cape St. James in the tions here was met. Queen Charlottes; Spider tricia Bay on Vancouver Island, | coming in. and Sea Island on the Mainland.

tion which guarded the ap- straight radio telephone. proaches to Vancouver. Ships Spotted

At 30 Miles amazing facility and Canada's fences. West Coast had its protective

screen in a minimum of time. the general purpose type of sta- aircraft of greater value than the tion known in radar parlance as entire cost of installing the chain "CHL," - meaning "Chain Home as well as providing an infallible be got into the stations for two Low," or "Chain Low Angle," the | defence. stations which defeated Ger- Leave for the personnel man- when the sea was calm enough, many's wave-hopping aircraft in | ning these stations was scarce | the supplies and building matattacks on England's coastal tar- and the transportation problem erial were taken ashore on rafts.

to 150 miles depending on their

Filter rooms, where opera- 11:00-Silent handle to the International tional data is collected and ana-Boundary for the expected ap- lyzed before being passed on to fighter, bomber and other sta-He could not have come with- tions, were established at Prince

Every item of equipment which went into the radar gear was manufactured in Canada by Re-History of radar in B. C. is not search Enterprises Limited, the the glamorous, action-packed government-owned plant at Lea-

Basic electrical design of the It is a story of lonely vigils in gear came from England, which outposts and utter boredom that pioneered in radar detection, but can only come in complete isola- the circuits were redisgned for tion, the monotony of constantly the use of Canadian radio tubes, thus eliminating supply prob

> 24-Hour Grind, Few Leaves

Mechanical design of the ency of operation was the only equipment was entirely Canafactor to be considered. The dian and a great amount of the other difficulties would be solved. Canadian equipment was sup-And so the party -selected | plied to the United States when Langara Island, Marble Island | requirements of radar installa-

Island between Vancouver | self-contained units, and besides Island and the Charlottes; the CHL equipment maintained Cape Scott, Ferrer Point, Am- | radio navigational aid beacons of his own? phitrite Point, Tofino and Pa- for guidance of friendly aircraft

Pilots on ships were passed up sion, "tightwad." to the Navy, and communication Builders and technicians mov- with filter rooms and other suped into Amphitrite Point in De- ervisory units was maintained by cember, 1941 and started con- land lines terminating in frestruction of the first radar sta-, quency modulation links and

Ground controlled interception units were installed at Patricia Bay and Sea Island to guide Other construction and in- fighters to any enemy aircraft stallation work went ahead with | which dared to penetrate the de-

Day in and day out a 24-hour watch was maintained on these. All these installations were of stations, which saved Canadian lines.

was hazardous. In some cases Aircraft could be detected up | men had to be swung ashore in (Subject to change)

THURSDAY-P.M.

5:00—Gypsy Strings 5:30-Feista 5:45-G.I. Jive

4:00-Fred Waring

6:00—Magic Carpet 6:15—Viva America

4:30—Comedy Caravan

6:30—The People Ask 6:45—Sports College

7:00—CBC News 7:15—CBC News

8:00—Winnipeg Drama 8:30—Servicemen's Forum

9:00—Music Hall Roundup 9:30—Alan Young 10:00-CBC News

10:30—Mystery Playhouse FRIDAY-A.M. 7:30-Musical Clock 8:00-CBC News

10:15—Les Paul Trio

8:15—Breakfast Club 8:30—Songs of Today 8:45—Morning Song 9:00—BBC News

9:15—Morning Devotions 9:30—Transcribed Varieties 9:45-Yank Band Stand

10:00-Showtime 10:30—Melody Roundup 10:45—Homemakers 11:00—Scandinavian Melodies

11:15—Studio Scrapbook 11:30—Weather Forecast 11:31—Message Period 11:36—Recorded Interlude

11:45—Personal Album 12:00—Downbeat

12:15—Across the Board 12:30—CBC News 12:45—Matinee Memories 1:00—Modern Minstrels

1:15—Words With Music 1:30-B.C. School Broadcast 2:00—Silent

Modern Etiquette By ROBERTA LEE

Q. What type of young man The west coast stations were would you call the one who, upon every date with a girl, uses her cigarettes instead of having some

A. The most forceful name for him would be the slang expres-

Q. For an out-of-doors wedding, what would be the most appropriate kind of dress for a bride to wear?

A. The material should be of organdy, chiffon, or some light fluffy material.

Q. Is it necessary to send an acknowledgment when one receives a P.P.C. card? A. No.

cradles suspended from overhead

Weather was so bad at times that mail and supplies could not or three weeks at a time. And

Buy War Savings Stamps



DAFFODILS CAN BE TUCKED INTO ODD GARDEN SPACES

material for those so fortunate as to possess a bit of woodland. They flourish in shaded situations, coming into bloom under early spring sun before the trees



Types of Daffodils

have leaved out, and then the shade protecting them so fragrant and are prized for this that they ripen their foliage and | feature as well as their beauty. mature their bulbs without being The narcissus family offers the

Daffodils have become favorite, prematurely ripened by hot sum-

Another most effective practice is to tuck the bulbs in vacant spots all over the garden between other perennials and under the edges of shrubbery so that in their season the daffodils give character to the entire garden, and then their leavewhich are unsightly and floppy during their, maturing period, are concealed by the foliage of the perennials which mount above them and provide shade for the daffodils. For this purpose the older and cheaper daffodils and narcissi are ideal and furnish as fine an effect as can be obtained by the larger flowered and much more expensive

The poeticus types are favored for woodland planting in combination with the native bluebell or mertensia, and wood phlox, phlox divaricata, and the white wood lily, trillium brandiflorum. In the garden they are in season with the early tulips and the dwarf irises and smaller spring

modern hybrids.

Some of them are delightfully

first long-stemmed cutting material of spring. They are ideal cut flowers, as is shown by the quantities of daffodils forced and sold by florists each winter. The trumpet varieties are easily grown as house plants, provided only that the atmosphere is not too dry, in which case buds often

The fresh water area of Canada constitutes more than six per cent of the country's total area.

GRIMSBY, Eng., (P) - Mrs. Emily Dorothy Russell gave birth to a 14-pound baby. It was her nineteenth.



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