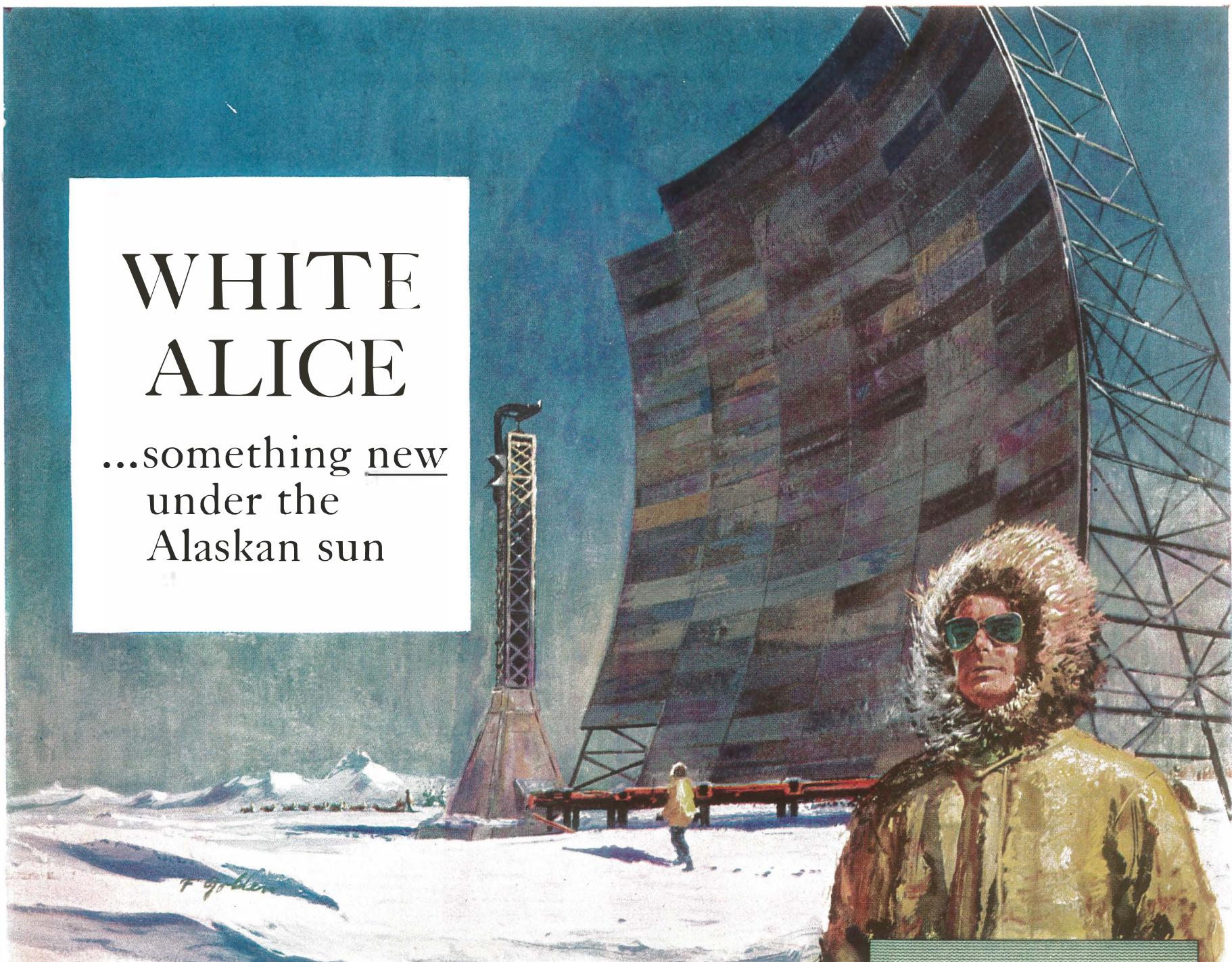


WHITE ALICE

...something new
under the
Alaskan sun



Giant "over-the-horizon" antennas like this transmit and receive signals beamed from more than 150 miles away and bounced off the troposphere, a layer of air five to seven miles above the earth's surface.

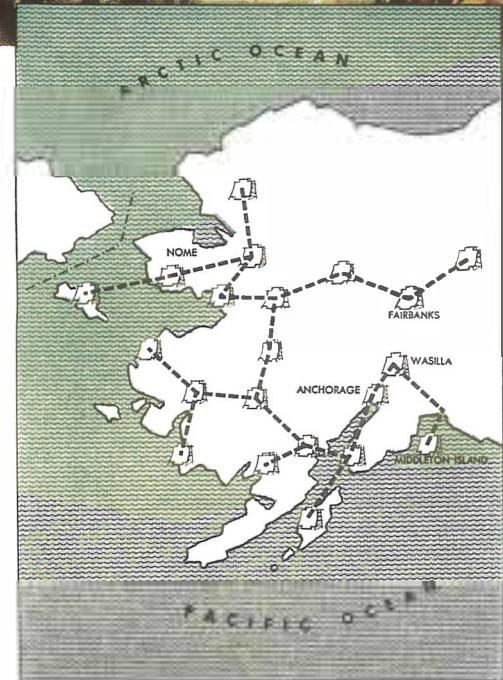
If enemy planes ever threaten our distant northern frontiers, huge antennas like this will flash the news to combat centers in the Alaskan Air Command, and do it regardless of adverse atmospheric conditions.

They're part of the *White Alice* project, the new defense communications system spanning inaccessible regions, conquering a static-choked atmosphere and savage storms. Western Electric was asked to build it by the U. S. Air Force.

The first links have already been turned over for service. When the system is completed and tied in with existing facilities, *White Alice* will give Alaska some 3100 route miles of long distance voice and tele-

graph channels. Besides enabling our defense forces to receive instant reports of aircraft detected by radar installations, the new system will also bring telephone service to many remote areas for the first time.

Western Electric was entrusted with *White Alice* because it is a difficult communications project — one for which we, as the manufacturing and supply unit of the Bell System, have the special skills and experience needed. Beyond this, we are able to call upon the combined skills of the people in our sister companies of the Bell System and our thousands of suppliers . . . the same team that provides your Bell telephone service here at home.



Sending and receiving stations will soon dot Alaska along *White Alice* routes. Western Electric — Bell telephone crews must battle sub-zero weather, summer thaw, over some of the toughest terrain in North America.

Western Electric



MANUFACTURING AND SUPPLY

UNIT OF THE BELL SYSTEM