

June 1, 2009

**Radio and Detection Ranging (RADAR) Systems of World War II:
The Aircraft Warning Service SCR-270 and SCR-271, and the Signal
Aircraft Warning organizations.**

The purpose of this research was to document the locations of the SCR-270 and SCR-271 RADAR systems used for early warning by the Air Warning Service in World War II. The intent was to find the locations of the systems used for continental defense (the American Theater). Once research began documentation expanded beyond the borders of the United States, and the research expanded to include other series of SCR RADAR systems used for Coastal Defense and Anti-Aircraft Artillery.

Definition: Radio Detection and Ranging (RADAR). A method of detecting distant objects and determining their position, velocity, or other characteristics by analysis of sent radio waves reflected from their surfaces

Research Findings: Results of the research are compiled in three formats:

1. American Theater (including Iceland to the Carribean; and Alaska to the Galapagos Islands) listing of RADAR systems and locations.
2. RADAR units listed numerically (includes USMC and Canadian RADAR equipped units).
3. RADAR units grouped by Theater of Operations.

Continuing Research: This project is on-going and documented input is welcomed by the author. Suggestions, recommendations, changes, or new data (along with references) can be sent to: dbarletta@nc.rr.com.