HQ, 32d AF BASE UNIT, NATL HQ, CAP
Bolling AF Base, Washington, D. C.

COMMUNICATIONS BULLETIN NO. 3
1 March 1948

REGIONAL COMMUNICATION CONFERENCES. To bring about a better understanding of the plans and policies of the National Commander with respect to communications and to aid in solution of the many problems confronting wing and unit communications officers, your correspondent is conducting a series of 8 communication conferences which will be held as indicated below:

Place	Time	Wings
Phoenix, Arizona	27-29 Feb.	California, Nevada, Utah, and Arizona
Boise, Idaho	6-7 March	Washington, Montana, Oregon, Idado, and Wyoming
Washington, D. C.	13-14 March	New York, Pennsylvania, New Jersey, Delaware, West Virginia, Virginia, and Maryland
Tinker Field, Okla.	20-21 March	Missouri, Arkansas, Louisiana, Kansas, Oklahoma, Colorado, New Mexico, and Texas
Marietta, Ga.	27-28 March	North Carolina, ~~South Carolina,~~ Tennessee, Georgia, Alabama, Mississippi, and Florida
Minneapolis, Minn.	3-4 April	Minnesota, Iowa, Nebraska, South Dakota, and North Dakota
Chicago, Ill.	10-11 April	Wisconsin, Illinois, Michigan, Indiana, Ohio, and Kentucky
Grenier Fld, N. H.	17-18 April	Maine, New Hampshire, Vermont, Massachusetts, Connecticut, and Rhode Island

At a conference for all the AF-CAP Liaison Officers which was held in Washington, D. C., on the 16th and 17th of February, information concerning the persons to attend, transportation, housing, and other details pertinent to the conference was given to the Liaison Officers. It is hoped that as many communications officers as possible will be able to attend, particularly wing communications officers.

POWER UNIT FOR RADIO SET SCR-522. Captain William S. Adelman, Commanding Officer of Sky Haven Squadron 611-1, has drawn up instructions for adapting a dynamotor unit PE-94 and an electric motor for use as a power unit for the SCR-522. Captain Adelman has done an excellent job of preparing some easy-to-follow, complete instructions, and copies complete with diagram may be obtained either from this headquarters or from the Commanding Officer of the Illinois Wing.

WISCONSIN WING HEADQUARTERS STATION: Colonel Harry W. Schaefer, Commanding Officer of the Wisconsin Wing, informs us that his wing communications officer, Major Robert E. Lathrop, has completed installation of the wing headquarters

RECORDS MANAGEMENT DIVISION
CAP-USAF

station in the Plankington Building in downtown Milwaukee. The antennae for 2374 kc and 148.14 mc are on the roof of this building at a height of approximately 100 feet. The VHF antenna consists of a 3 element beam and the 2374 kc antenna is a 180 feet long horizontal doublet fed by 72 ohm coaxial cable.

The 2374 kc equipment is a BC-375-E transmitter and a BC-348-H receiver. The VHF set is a Radio Set SCR-522-A modified for 10 watt output.

SUGGESTION BOX. Lt Col E. L. Masterton of the Illinois Wing gave us a set of written recommendations at a meeting held in Chicago recently which are noteworthy. For one thing, the Colonel feels that VHF should be used for local communication coverage. We certainly agree with this because of the many advantages which will accrue, a big one being a reduction in interference. Many officers seem to feel that the limitations of VHF render it of small value except for air-ground work. The experience of those wings where careful attention has been paid to the antennae installation and topography would refute this feeling as excellent results have been obtained with VHF.

In keeping with the statement we have made in previous bulletins, Colonel Masterton suggests that the operating practice in which certain stations are indulging while transmitting on 2374 kc be discontinued: Specifically, the practice of holding the channel for a friendly chat while other stations wait to conduct official business. As the Colonel says, BREVITY should be the watchword.

ELECTRONICS KITCHEN. The Bucyrus Squadron, Ohio, has a real set-up at the Crawford County Fair Grounds where they have a radio transmission receiving room and another room large enough to accommodate a communications class of 35 students. Every Monday night Captain Edwin E. Gearhart, squadron communications officer, supervises two classes, one of theory and the other for code. They even have a youngster 11 years old in the code classes.

WHO'S WHO. The Commanding Officer of the Montana Wing tells us that his wing communications officer, Lt Bill C. Roper, has been a radio amateur for 15 years. He holds amateur call letters W7DPK, a first-class commercial telephone license, and a second-class commercial telegraph license.

Bill Roper spent three years in the Radio Intelligence Division of the Radio Communications Commission and is now with the CAA, having been with them 4 years. Bill has been very busy enlisting radio amateur operators in his wing and we are confident that he is going to give plenty of competition to any other wing in the communications field.

CONNECTICUT WING NETWORK. The Connecticut Wing has a six station, state-wide network on 2374 kc. Nightly tests are conducted to keep personnel alerted and 50 listening stations are involved in these tests. This radio network is being integrated with the Connecticut Wing emergency set-up being planned to participate in any situation for which the Connecticut Wing might be called.

Frank I. Adams

FRANK I. ADAMS
Major, USAF
AC/S A-6

DISTRIBUTION:
C