

The operation of the "Walkie Talkie" is simplicity itself. Its wave length may be easily varied, and this wave is picked up by a receiver tuned to the same frequency. The receiver may be either another "Walkie Talkie" or a central station tuned to the "Walkie Talkie" wave length. In other words, one "Walkie Talkie" cannot talk to another "Walkie Talkie" unless both are tuned to the same wave length. The advantages of this on a battle front are not difficult to imagine.

Governmental agencies such as police departments, fire departments, forestry departments, etc., will surely find the "Walkie Talkie" very valuable, and in many cases industrial firms and public utility companies may be permitted to use it.

The Federal Communications Commission has proposed a Citizens' Radiocommunication Service in the 460 to 470 megacycle band of the spectrum. According to a recent FCC press release, "Small portable radios may be used, for example, to establish a physicians' calling service, for communication to and from trucks and tractors operating in and around large plants, on farms and ranches, on board harbor and river craft, in mountain and swamp areas. Sportsmen and explorers can use them to maintain contact with camps. Department stores, dairies, laundries and other business organizations can use the service to communicate with their delivery vehicles".

However, there are many problems which must be overcome despite this liberal ruling of the FCC. "Walkie Talkies" are powered by batteries inasmuch as they are portable sets. Using such low power in such an ultra-high frequency will not permit communication over a very great distance -- and long distances plus low cost is what is usually wanted by anyone using radio communication. Some day "Walkie Talkies" will be utilized for the Citizens' Radiocommunication Service. At first dry battery operated portable sets will not be used. Power will have to come from central stations or 6-volt wet batteries, but later on, when new tubes and stronger, longer-life batteries are developed, then there will be common use of "Walkie Talkies".

The licensing control will be handled by the Federal Communications Commission and it will be necessary for them to decide who shall and who shall not utilize 2-way radio communication.

The "Walkie Talkie" has played a vital role in the invasion and the success of the invasion was greatly enhanced by the modern communications equipment used by General Eisenhower.
