

DEM VHF Net

Introduction

Snohomish county needs a robust backup communication system distinct from the ham bands. That system already exists with three underutilized DEM commercial repeaters. We intend to activate these repeaters with your participation.

The DEM VHF Net will begin September 7, 2021, at 1930 Hours and repeat the first Tuesday of each month thereafter at the same time. The repeaters used are outside the ham bands and require no license to operate.

You will note all repeaters use the same transmit/receive frequencies separated by unique encoded tones and are not linked. Also note these frequencies are NARROW BAND. The frequencies marked with (*) should also be programmed into your radio, but not initially part of this net.

Name Frequency Offset Encode Tone Decode Tone Location

DEMOSO 154.055 MHz +4.795 MHz 103.5 Hz 127.3 Hz OSO

DEMCL 154.055 MHz +4.795 MHz 114.8 Hz 127.3 Hz Clearview

DEMWI 154.055 MHz +4.795 MHz 127.3 Hz 127.3 Hz Whidbey Island

DEMPR * 154.055 MHz +4.795 MHz 156.7 Hz 127.3 Hz Portable Repeater

DEMSIM * 154.055 MHz 127.3 Hz 127.3 Hz Simplex

To accommodate the use of this broad coverage, the net will begin the net on DEMOSO then switch to DEMCL then switch to DEMWI.

If your radio is not capable of separate encode and decode tones, then disable the decode tone. In that case you will be able to listen to all repeaters which will work fine.

Most part 90 radios should be able to operate on these repeaters. Make sure your radio is programmed with Narrow Band on these frequencies.

Because this is not a ham band net, we will use first and last name as an operator identifier. This will be a directed net calling alphabetically by last names. Net control will identify the station license ID periodically as KIL405. If you have a compatible radio and would like to participate as a Net Control operator, please contact Wayne at wayne.k7qhq@gmail.com. We will establish a rotating Net Control Schedule and script.

We will attempt to contact everyone on their favorite repeater during each net. All participants

need to do is answer when your name is called.