

HOW TO REGISTER & PREPARE FOR THE DRILL

Drill begins: at 09:00 hours, Saturday, April 14, 2018
(**Register by or before Midnight, Wednesday, April 11, 2018**)

Registration for the San Mateo County-wide Simplex Propagation Drill will be by e-mail only this year.

There will be both 2-meter and 6-meter SSB drills. Any licensed Technician Class or higher Operator may register for the "2-meter drill" and/or the "6-meter SSB drill".

Both drills will ONLY include "Registered Stations".

PICK YOUR LOCATION

At least one (1) "Registered Station" should utilize city/area EOC/PD Communications equipment, if available. Please coordinate with your city/area so that there is only one (1) "Registered Station" per EOC/PD. Additional "Registered Stations" may operate from wherever they expect to use in an actual emergency

RADIO TYPES, POWER, ANTENNA

All stations are to use "**50-watt standard power with vertical antenna polarization**". We recommend a **dual-band mobile or base station (or two radios)**. Additionally, we recommend that you program repeater & simplex frequencies before the day of the drill.

TACTICAL CALL SIGNS / CALL SIGNS

Tactical calls are similar to physical location: (Examples)

"Daly City EOC, Redwood City PD; East Palo Alto Alternate EOC"; or use 7 words or less (i.e. My car Hwy-1 in Half Moon Bay), etc.

HOW TO REGISTER

Send an e-mail to certsimplex@gmail.com no later than April 11th by noon and include in the email the following information:

- FCC Call-sign
- Full Name
- Net(s) participating in: 2-meter, 6-meter SSB
- City/Area of operation
- Physical Location
- Tactical Call-sign
- Radio & Antenna Type

WHAT HAPPENS NEXT

On April 12th-13th, you will receive by email the "Station Roll Call Log" with all of the registered stations. You will use this log to follow along with Net Control and to score each station on signal strength using the "Circuit Merit" system shown in this document and on the drill instruction document.

HOW TO REGISTER & PREPARE FOR THE DRILL

Drill begins: at 09:00 hours, Saturday, April 14, 2018
(**Register by or before Midnight, Wednesday, April 11, 2018**)

HOW TO PREPARE FOR THE DRILL

Program the “check-in and transmission frequencies” into your radio in advance. Test your radio equipment prior to the date of drill. If this is your first time, you may want to practice the script and switching your radio back and forth between the “check- in frequency and the simplex transmission frequency” so that you are comfortable performing the script and switching your radio between frequencies on the day of the drill. The night before the drill, have the Station Roll Call Log, Extra Paper, Pencils, Drill Instruction Documents with Script set-up and ready next to your radio.

MORNING OF THE DRILL

Test your radio at least 30 minutes before the drill starts, the day before is best. Be prepared to start the drill at 09:00. Follow net control as they read the stations in order as listed on the Station Roll Call Log. When net control calls your tactical callsign, check in using the script provided on the Drill Instruction Document.

DURING THE DRILL

Record on the “**Station Roll Call Log**” the signal strength of each station during their transmission on the simplex frequency for each drill you are participating in. Please do not record the strength of the repeated call-in frequency. This is important information as the results will let each station know how strong their signal was in each location allowing them to make adjustments for the future. Please use the following “Circuit Merit” signal response classification system to record the strength of each station from your location.

Simplex Frequency Signal Quality Scoring,

"Circuit Merit" signal response classification system (approximate: 5-4 = good, 3-2 = okay, 1-0 = not heard):

- Circuit Merit 5 = readable signal, audio loud
- Circuit Merit 4 = readable signal, audio medium to low
- Circuit Merit 3 = scratchy signal, audio loud
- Circuit Merit 2 = scratchy signal, audio medium to low
- Circuit Merit 1 = squelch broken, no audio
- Circuit Merit 0 = nothing heard from the simplex station

Basically "0 = nothing heard" through "5 = strong signal and audio".

AFTER THE DRILL

After completion of the drill, **e-mail the completed Station Roll Call Log** results to: certsimplex@gmail.com .