



# **SC4ARES Simplex Test**

2019



# Purpose of the test

- Determine who can hear who without a repeater
  - 2 Meter band
  - 6 Meter band

# The Results (example)

Transmit ->	KJ6VCP	W6NCS	N6QAD	KJ6GMG
Receive V				
KJ6VCP	X	CM2	CM1	CM3
W6NCS	CM3	X	CM3	CM4
N6QAD	CM4	CM3	X	CM2
KJ6GMG	CM2	CM2	CM4	X

# The Plan

- We coordinate through CMD31 / W6SCF repeater
- Everybody gets a turn to transmit on simplex
- While one station is transmitting, everybody else listens on simplex, and writes down the result
- *Nobody replies on simplex*
- We go back to the repeater, and go to the next station



# Signal Quality Ratings

Circuit Merit 5 = clear signal, audio loud

Circuit Merit 4 = clear signal, audio medium to low

Circuit Merit 3 = scratchy signal, audio loud

Circuit Merit 2 = scratchy signal, audio medium to low

Circuit Merit 1 = something there, not readable

Circuit Merit 0 = nothing heard

N/C = Listed station did not call into Net



# Logistics

- Saturday, February 9<sup>th</sup>, 9 AM PST
- Everyone registers in advance
- CMD31 for repeater coordination
- CMD31D for simplex
- A single band radio will work fine
- We will publish detailed instructions
- Same general flow as County Simplex tests

# Discussion

- Do we want to try field locations?
- 6M questions
  - How many participants?
  - FM / vertical or SSB / horizontal?
- Is everyone's radio programmed?

We decided on  
FM / Vertical



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