

Santa Clara County ARES®/RACES

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 May 16, 2024

Packet Frequencies and BBS Listings

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Santa Clara County BBS Frequencies & Locations

Santa Clara County ARES/RACES operates the following BBSs. All are based on JNOS. ("XSC" is the CAL FIRE designation for the Santa Clara County operational area.)

- Users can connect using the access frequencies listed below.
- The BBS-BBS forwarding frequency is not for primary user access. It may be used in backup/emergency situations and for occasional testing.
- See the BBS assignment table below to determine which BBS the users in each agency should use.
- Agency EOCs and command posts are encouraged to use 220 since most field users will be on 2m.

Call Sign	AX.25	User Access	BBS-BBS	Location
W1XSC	W1XSC-1	145.750, 223.620, 433.570		Santa Clara Co Office Bldg (San Jose)
W2XSC	W2XSC-1	145.730, 223.560, 433.590		Crystal Peak (South County)
W3XSC	W3XSC-1	144.310, 223.540, 433.450		Palo Alto
W4XSC	W4XSC-1	145.690, 223.600*, 433.550	223.600	Frazier Peak (above Milpitas)
W5XSC	W5XSC-1	varies	varies	Training, events, backup
W6XSC	W6XSC-1	varies	varies	Testing, backup

*223.600 is primarily for BBS forwarding; user access should be limited to emergency/backup situations because individual users and the other BBSs on the frequency will be [hidden nodes](#) to each other.

Contact:

The Santa Clara County ARES/RACES Packet Committee manages the county BBS system. Send e-mail to: [pkctcmte](mailto:pkctcmte@scc-ares-races.org) at [scc-ares-races dot org](mailto:pkctcmte@scc-ares-races.org).

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Santa Clara County BBS Names & Network Addresses

Santa Clara County ARES/RACES operates the following BBSs. All are based on JNOS.

- W1XSC through W4XSC are networked and available 7x24 with UPS and generator backup.
- W5XSC is used for training and events and could be deployed to a remote area, if needed.
- W6XSC is used for development and testing and could also be deployed to a remote area, if needed.

Call Sign	AX.25	Internet	AMPRnet	BBS Network	NET/ROM Alias
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W1XSC	W1XSC-1	w1xsc.scc-ares-races.org	w1xsc.ampr.org	w1xsc.#nca.ca.usa.noam	XSCBB1
W2XSC	W2XSC-1	w2xsc.scc-ares-races.org	w2xsc.ampr.org	w2xsc.#nca.ca.usa.noam	XSCBB2
W3XSC	W3XSC-1	w3xsc.scc-ares-races.org	w3xsc.ampr.org	w3xsc.#nca.ca.usa.noam	XSCBB3
W4XSC	W4XSC-1	w4xsc.scc-ares-races.org	w4xsc.ampr.org	w4xsc.#nca.ca.usa.noam	XSCBB4
W5XSC	W5XSC-1	w5xsc.scc-ares-races.org	w5xsc.ampr.org	w5xsc.#nca.ca.usa.noam	XSCBB5
W6XSC	W6XSC-1	w5xsc.scc-ares-races.org	w6xsc.ampr.org	w6xsc.#nca.ca.usa.noam	XSCBB6

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BBS Assignments

Connect/Login Instructions:

- **All users:** Connect to the primary BBS for your agency. If the primary is down, connect to the secondary.
- **Individual ARES/RACES users:** Connect using your FCC call sign.
- **Cities and agencies:** Connect using a tactical call assigned by your EC/CRO. Consult your EC/CRO if you do not know your tactical call. Agencies within the county may define additional tactical calls beginning with their assigned prefix.

#	Agency	Prefix	Primary BBS	Secondary BBS
Santa Clara County Cities and Agencies				
1	American Red Cross	ARC	W1XSC	W4XSC
2	CAL FIRE VIPs - Santa Clara Unit	SCU	W2XSC	W1XSC
3	Campbell, City of	CBL	W1XSC	W4XSC
4	Cupertino, City of	CUP	W1XSC	W4XSC
5	Gilroy, City of	GIL	W2XSC	W1XSC
6	Hospitals (all SCCo) & PHDOC	HOS	W1XSC	W2XSC
7	Loma Prieta Region	LMP	W2XSC	W1XSC
8	Los Altos, City of	LOS	W3XSC	W1XSC
9	Los Altos Hills, Town of	LAH	W3XSC	W1XSC
10	Los Gatos, Town of / Monte Sereno, City of	LGT	W1XSC	W4XSC
11	Milpitas, City of	MLP	W4XSC	W1XSC
13	Morgan Hill, City of	MRG	W2XSC	W4XSC
14	Mountain View, City of	MTV	W3XSC	W1XSC
15	NASA/Ames	NAM	W3XSC	W1XSC
16	Palo Alto, City of	PAF	W3XSC	W4XSC
17	San Jose, City of	SJC	W1XSC	W2XSC
18	San Jose Water Co	SJW	W1XSC	W2XSC
19	Santa Clara, City of	SNC	W1XSC	W2XSC

20	Santa Clara County	XSC	W1XSC	W4XSC
21	Santa Clara Valley Water District	VWD	W1XSC	W2XSC
22	Saratoga, City of	SAR	W1XSC	W4XSC
23	Stanford University	STU	W4XSC	W1XSC
24	Sunnyvale, City of	SNY	W1XSC	W3XSC
Other (Non-Santa Clara County) Agencies [See Note 1 Below]				
25	CalOES - Coastal Region	COS	W1XSC	
26	Alameda County	XAL	W4XSC	
27	Contra Costa County	XCC	W1XSC	
28	Marin County	XMR	W4XSC	
29	Monterey County	XMY	W2XSC	
30	San Benito County	XBE	W2XSC	
31	San Francisco County	XSF	W4XSC	
32	San Mateo County	XSM	W4XSC	
33	Santa Cruz County	XCZ	W2XSC	
Other Special Tactical Prefixes				
	SCCo Packet Practice	PKT	W2XSC	W4XSC

Note 1: Non-Santa Clara County agencies are encouraged to use their own BBS(s) in their area. This reduces the chance of "hidden transmitter problems" and regular use, such as weekly check-ins, helps test inter-county communications. The [Packet Network Addressing](#) page contains full details of how to address messages to/from BBSs outside of Santa Clara County. In the event an agency doesn't have their own BBS or the network links have failed, the Santa Clara County BBSs listed here are recommended for each agency.

For complete message addressing information, see: [Packet Network Addressing](#).

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BBS Coverage Maps

Longley-Rice coverage maps showing approximate signal level in dBm. The BBS is located at the center of each image.

BBS Call Sign	25 x 25 miles		50 x 50 miles		75 x 75 miles	
W1XSC	Map	Coverage	Map	Coverage	Map	Coverage
W2XSC	Map	Coverage	Map	Coverage	Map	Coverage
W3XSC	Map	Coverage	Map	Coverage	Map	Coverage
W4XSC	Map	Coverage	Map	Coverage	Map	Coverage

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Miscellaneous Packet Systems & Frequency Information

Other BBSs Reachable from Santa Clara County

Call Sign	AX.25	User Access	BBS Network Address	Comments
N0ARY	N0ARY-1	144.930 433.370 (9600)	n0ary.#nca.ca.usa.noam	Location: Mt. Umunhum SysOp: Gary Mitchell, WB6YRU BBS Type: N0ARY
N6ZX	N6ZX-4	145.090	n6zx.#nca.ca.usa.noam	Location: Skyline Blvd., Woodside Coverage: San Mateo County SysOp: Bill Goebner, KF6NHT BBS Type: JNOS UPS and generator backup

WinLink 2000 Systems Reachable from Santa Clara County

Call Sign	AX.25	User Access	Other Services	Comments
KE6AFE	KE6AFE-10	145.630	KA-Node: KE6AFE-7 Digipeater: KE6AFE-10	Location: Crystal Peak SysOp: Cap Pennell, KE6AFE
W6SCF	W6SCF-10	145.630		Location: West Valley Operator: SC4 ARC Info: http://www.sc4arc.org

Other Local Packet Systems

Note: this info is not maintained on a regular basis

Frequency	AX.25	Digipeater	Location	Contact	Comments
144.910	KI6DHU-1	KI6DHU	North Palo Alto	Mark Foster, KI6DHU	24/7 - Timewave PK-96, 5W
144.910	K6SNY-1		Sunnyvale	Andreas Ott, K6OTT	24/7 - KPC-3 TNC BBS
145.050	K6FB-2	K6FB-1 KA-Node: K6FB-7	Castle Rock Ridge	Skip La Fetra, AA6WK	24/7 - Battery Backed up, KPC-3 TNC
145.050	AA6WK-1	AA6WK KA-Node: AA6WK-7	Suburban Sunnyvale	Skip La Fetra, AA6WK	No Battery backup, KPC-3 TNC
145.050	W6SJC-1		San Jose	Craig Anderson, N6YXK	BBS and APRS
145.010	N6SPB-10		San Jose	Scott Santana, N6SPB	RMS Packet
145.010	W6EI-10		Palo Alto	Bob Iannucci, W6EI	RMS Packet

145.630		W6JWS-3	Castle Rock Ridge	John Smith, W6JWS	Digipeater only; CRSP alias
145.730	K6ATH-10		Atherton	Paul Jemelian, KG6JLE	RMS Packet

Santa Cruz County Packet Information

An Acrobat table of Packet stations in Santa Cruz County can be found at: <http://ares.santa-cruz.ca.us/MRYBAYpacket.PDF>

Digital Band Plan and Other Information About Packet Networking

Band Plan: The complete digital band plan for Northern California can be found on the Northern California Packet Association website at: <https://ncpa.ampr.org>

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