



**Stanislaus County
Amateur Radio
Emergency Service**

***ARES
Response Guide***

This guide is intended to guide Stanislaus County ARES members during a time of activation. This guide should provide all members with step by step activation instructions.

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Stanislaus County ARES Officers

Stanislaus County Emergency Coordinator: Pat Mandas, KG6JXZ

Stanislaus County Asst . Emergency Coordinator: Bob Kimball, KC6TVE

Stanislaus County Asst. Emergency Coordinator: Joe Park, WB6AGR

Information Technology Officer: Patrick Dunbar, KG6AZZ

Network Operations Officer: Lucian Thomas, KF6NPG

Logistics Officer: Derrill Coffman, W7LTM

Weather Officer: Mark Lemmons, WB6BJN

San Joaquin Valley District Emergency Coordinator: Paul Owen, W6UHF

San Joaquin Valley Section Emergency Coordinator: Ed Hanna, KF6FIR

San Joaquin Valley Section Manager: Dan Pruitt, AE6SX

Stanislaus County Office of Emergency Services:

Chief Gary Hinshaw, KJ6EWJ

Chief Russ Richards, N6JTA

ARES Officers can be contacted through the ARES Website

Stanislaus County ARES Website

www.stanares.org

Activation Protocol

The activation of Stanislaus County ARES will be executed in this order. ARES activation will come from the EOC management staff. The EOC will contact ARES officers in descending order as follows. ARES officers that receive activation orders will immediately contact the down line who will begin activating ARES members. No ARES member may take it upon themselves to activate or participate in an activation without authorization from the ARES officer.

EOC

Management Staff will activate ARES by contacting the following and proceeding down the list until at least 2 officers have been contacted.

ARES Activation contacts in descending order

Lucian Thomas

kf6npg@aol.com

209-471-0103

Ed Hanna

ed@kf6fir.net

209-345-9942

Paul Owen

w6uhf@aol.com

209-531-3322

Joe Park

wb6agr@yahoo.com

209-765-5155

Pat Mandas

kg6jxz@charter.net

949-466-3413

Derrill Coffman

hamradio@mlode.com

209-770-4409

Telephone Number
ARES Room
Emergency Operations Center
209-552-3885

EOC Main Number
209-552-3600

Activation/ Call Out Procedure ARES Members

Activation will be done by ARES officers:
KG6JXZ, WB6AGR, W7LTM, KF6FIR, W6UHF, KF6NPG

The following will be used by ARES Officers to
activate ARES personnel:

1. Repeater Notification
2. Electronic messaging via email & text to your smart phone
3. Twitter Announcement
4. Telephone call via the Telephone Tree

Activation Protocol ARES Members Staffing & Deployment ARES Room

The ARES room should be staffed as soon as physically possible.

First *RO arrival at ARES room:

- Assume EC position
- Monitor and Use SARA Repeater 145.390
- Clear repeater of unnecessary traffic
- Prepare ICS Forms to be utilized for assignments

STOP! Go no further, manage these items at this point, wait for assistance to arrive.

Second *RO arrives at ARES room:

- Assume Scribe/Runner position
- Take direction from acting EC

STOP! Refrain from operating equipment until instructed by EC.

Third *RO arrives at ARES room:

- Check in with EC for assignment
- (Operate secondary communications as requested by EC, VHF/UHF, Packet, APRS etc.)

Acting EC will hand off to County EC upon arrival

*RO = Radio Operator

Activation Protocol
ARES Members
Staffing & Deployment Field Teams

All field team members should deploy in teams of 2 when possible. All team members will report to the EOC once activated. Team members will be deployed from the EOC unless otherwise instructed.

Activation Protocol ARES Members Staffing & Deployment Dress Code

It is of the utmost importance that all ARES members always portray a professional appearance and behavior.

Professional behavior needs to be exhibited at all times during an activation as well as day to day. Please conduct yourself professionally in person, and on the radio to insure all ARES members maintain the highest level of integrity.

All ARES members are expected to maintain good hygiene at all times, since most likely we will be working in cramped quarters or with public officials.

The dress code for activations is a simple acceptable presentation, please wear pants that do not contain holes or stains, jeans ok, as long as they are in good condition, again no stains or holes.

Collared shirts are required during a deployment, please no t-shirts or shirts that have stains or holes.

ARES name badges are required at every location during an activation.

ARES officers reserve the right to send you home if you are non-compliant with the above protocol.

ICS Forms for ARES

- ICS 201: Initial Response/Transfer of Command (designed to be a field response form)
- ICS 202: Objectives (includes weather, safety message, and boxes for attachments)
- ICS 203: ICS Organization (lists all supervisors, leaders, directors, chiefs, commanders, etc.)
- ICS 204: Branches, Divisions/Groups (specific assignments, mission, frequencies, etc. for each)
- ICS 205: Radio Communications Plan (consider a 205A or similar form for phone lists & other info)
- ICS 206: Medical Plan (for the workers/responders)
- ICS 207: Organization Chart (should mirror the 203)
- ICS 209: Incident Status Summary (great for IC's, PIO's, etc to serve as an update)
- ICS 211: Incident Check-In Form
- ICS 213: General Message Form
- ICS 214: Unit Log (activity log for everyone for the Operational Period)
- ICS 215: Operational Planning Worksheet (focuses on work assignments and resources needed)
- ICS 215A: Safety Hazards/Mitigation (for each of the work assignments listed on the 215)
- ICS 221: Demobilization Check-Out Form

ARES Room Emergency Coordinator Position (Standard Operating Procedures)

EC Activation Checklist:

1. Open ARES Room, Turn on all lights and Power supplies
2. Monitor 2 Meter Repeaters
3. Meet with Incident Command for Immediate needs
4. Assess staff and equipment needs
5. Prepare necessary ICS forms
 1. ICS-214
 2. ICS-205
 3. ICS-201
6. Assign Scribe
7. Assign ARES Room staff to tasks or positions
8. Assign field teams to locations as they check in
9. Contact Webmaster, Set Activation Status on Website
10. Contact Weather Officer to stand by for reporting

ARES Room Position One (Standard Operating Procedures)

Set up equipment:

- Using the Kenwood D-700
- ATV Downconverter
- APRS Computer and TNC

Monitor

- All Local Area APRS Activity on APRS computer
- Any ATV activity set to be monitored
- Establish radio communications with Weather officer on SARA Doubletree repeater
- Monitor SARA repeaters for traffic handling

Action

- Take regular weather reports from Weather Officer via Doubletree repeater
- Assist EC as needed
- Monitor ATV/APRS Feeds
- Handle VHF/UHF Traffic as needed

ARES Room Position Two (Standard Operating Procedures)

Set up equipment:

- Using the Kenwood Cool Blue

- Using Winpack and Airmail

- Computer and TNC

- Using Kenwood Cool Blue for VHF/UHF communications

- Use -DRATS for messaging

Monitor

- UHF/VHF Local Repeaters

- Winpack

- Airmail

- D-RATS

Action

- Assist EC as needed

- Handle VHF/UHF Traffic as needed

- Establish packet radio communications with deployed ham stations

- Establish messaging outside of the county via D-RATS to other ARES groups

- Monitor SARA repeaters for traffic handling

ARES Room Position Three (Standard Operating Procedures)

Set up equipment:

Using the Icom 756-Pro III
Icom IC-7000

Monitor

All Local HF Traffic in and around county
MARS Stations

Monitor SARA repeaters for traffic handling

Monitor 11 Meter Traffic

Action

Make contact in and out of the county during an incident
Assist EC as needed
*Make contact with MARS Stations outside of county
Handle VHF/UHF Traffic as needed
Handle 11 meter traffic from public

Stanislaus County ARES Band Plan

Description	Frequency	Name	Plus or Minus	PL	STEP	OFFSET
Primary Repeater Frequency	145.390	SARA2M	Minus	136.5	5	0.60
Back-up Repeater Frequency	145.110	DBLTRE	Minus	136.5	5	0.60
220 Repeater	224.140	SARA220	Minus	136.5	5	1.6
440 Repeater	440.225	SARA440	Plus	136.5	25	5.00
Memorial Hospital Repeater	146.355	MEMRPTR	Plus	156.7	5	0.60
Simplex Link	442.525	K6LPG	Plus	107.2	25	5.00

SIMPLEX FREQUENCIES

Description	Frequency	Name	Plus or Minus	PL	STEP	OFFSET
Primary Simplex Frequency	147.540	SIMP2M	SIMP		5	0.60
440 Simplex	446.000	SIMP440	SIMP		25	5.00
Crossband	446.015	XBAND	SIMP	136.5	25	5.00
Echolink	147.540	K16KQQ	SIMP			

NETWORK SYSTEMS

Description	Frequency	Name	Plus or Minus	PL	STEP	OFFSET
Win System	443.525	WIN-OSO	Plus	107.2	25	5.00
Condor Connection	224.900	Goat Mnt	Minus	156.7	5	1.6

PACKET FREQUENCIES

Description	Frequency	Name	Plus or Minus	PL	STEP	OFFSET
Primary Packet	144.910	PACKET91	SIMP		5	0.60
Back Up Packet	145.050	PACKET05	SIMP		5	0.60
Back Up Packet	145.630	PACKET63	SIMP		5	0.60

POSITION REPORTING (APRS)

Description	Frequency	Name	Plus or Minus	PL	STEP	OFFSET
Primary APRS Frequency	144.390	APRS	SIMP		5	0.60
Packet Freq, Used for APRS	144.910	APRS	SIMP		5	0.60

HIGH FREQUENCY (HF)

Description	Frequency	Name	Plus or Minus	PL	STEP	OFFSET
Primary 75 Meter Frequency	3.995	HF Freq	SSB			
Primary 40 Meter Frequency	7.295	HF Freq	SSB			
Primary 10 Meter Frequency	28.495	HF Freq	SSB			

D-STAR FREQUENCIES

Description	Frequency	Name	Plus or Minus	PL	STEP	OFFSET
Primary 2m D-Star	145.130	C Node	Minus			0.60
440 D-Star	444.800	B Node	Plus			5.00

V1.0

ARES Packet/Airmail Frequencies & Nodes



Packet

144.910 145.050 145.630 438.960 145.310

SARA	KTUO	KOSO	SARA
MAR5	KBERR		WD6EJF-3
KFROG	WOODY		
	KLIVE		
	KRDG		
	KCORN		
	KMOC		
	BULN		

Airmail

K6IXA-10 V MAR5	K6IXA-12	K6IXA-13	AE6LA-10 V KFROG
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