

# ARES San Diego Section<sup>1</sup> Communications Plan<sup>2</sup> - 2018

## All ARES members, in the event of an emergency:

1. Make sure that your family and home are safe.
2. Check in with your Emergency Coordinator (EC) on the repeater or simplex frequency designated by your EC and listed in the Comm Plan below. This would be the same repeater or simplex frequency that your EC uses for local training.
3. If you do not have an EC, check in with any EC.
4. Start a net (be Net Control) on your EC's repeater if no other operator has started a net yet.
5. Monitor PARC repeater 146.730(-) PL 107.2 or SANDRA<sup>3</sup> Lyons Peak 146.265 (+) PL 107.2 for announcements.
6. Monitor ARES YahooGroup "SDGARES" email reflector<sup>4</sup> for announcements.
7. Monitor ARES social media (Facebook<sup>5</sup> & Twitter<sup>6</sup>) for announcements.
8. Monitor SDG&E planned power outages because outages could affect some repeaters.

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### Emergency Coordinators (ECs):

1. Make sure that your family and home are safe.
2. ECs take check-ins from your community.
3. ECs check-in with the SM/ASM/SEC/ASEC using one of the following:
  - a. Otay repeater 449.440(-) PL 107.2.
  - b. Email (if connected) to SEC & ASEC or to ARES YahooGroup.
  - c. Contact SEC, Section Manager, or Assistant SM personal cell phone by voice or SMS text (listed on next page).

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<sup>1</sup> ARRL San Diego Section covers San Diego County and Imperial County. The ARRL abbreviation for the San Diego Section is SDG.

<sup>2</sup> Alternative formats of this Comm Plan (such as ICS 205 & 205A) will be produced when required.

<sup>3</sup> SANDRA web site, "ARES will be given priority but not sole use of the [SANDRA] repeaters during actual emergency conditions."

<sup>4</sup> Change your YahooGroup setting to individual emails, rather than daily digest, during heightened posture.

<sup>5</sup> SDGARES has two Facebook pages: one public and one private.

<sup>6</sup> SDGARES Twitter user name is SDGARESARRL and is active only during heightened posture.

VHF/UHF Comm Plan<sup>7</sup>

Section Manager <sup>8</sup> (SM)	N8KBC	Dave Kaltenborn <a href="mailto:n8kbc@cox.net">n8kbc@cox.net</a> Cell 330-472-5785	K6XI Otay repeater 449.440(-) PL 107.2 SDSS Mt Woodson <sup>9</sup> 449.780(-) PL 141.3
Assistant Section Manager (ASM) - General Matters	AD6VI	Steve Early <a href="mailto:ad6vi@cox.net">ad6vi@cox.net</a> Cell 619-813-4701	Monitors PARC repeater 146.730(-) PL 107.2 YSF
Assistant Section Manager (ASM) - Training	K6RJF	Rob Freeburn <a href="mailto:k6rjf.rob@gmail.com">k6rjf.rob@gmail.com</a> Cell 858-888-0076	K6XI Otay repeater 449.440(-) PL 107.2 SDSS Mt Woodson 449.780(-) PL 141.3
<b>Assistant Section Manager (ASM) - Youth</b>	<b>KK6FRK</b>	<b>Kevin</b>	<b>New assignment January 2018</b>
Section Emergency Coordinator (SEC)	KG6IYN	Bruce Krypton <a href="mailto:bkrypton@pacbell.net">bkrypton@pacbell.net</a> Cell 619-813-5505	K6XI Otay repeater 449.440(-) PL 107.2 SDSS Mt Woodson 449.780(-) PL 141.3
Section PIC and ARES PIO	K6CPO	John Wright <a href="mailto:k6cpo@arrl.net">k6cpo@arrl.net</a>	
<b>Northern District EC</b>	vacant		
Escondido EC & CERT	AF6UA	John	EARS 146.88(-) PL 107.2 simplex 146.445
Fallbrook EC North County CERT, Fallbrook Group	KD6UAK	Randy	FARC Repeater 146.175(+) PL 107.2 <a href="#">FARC Repeater 445.600(-) PL 107.2</a> Simplex 145.555
Fallbrook AEC & CERT	KG6HSQ	Ron	FARC Repeater 146.175(+) PL 107.2 <a href="#">FARC Repeater 445.600(-) PL 107.2</a> Simplex 145.555
Valley Center EC & CERT	N2DDS	Mike <a href="mailto:n2dds@bhllc.us">n2dds@bhllc.us</a>	N6VCC repeater 146.235(+) PL 146.2 <b>Simplex 146.235</b>
<b>Valley Center AEC</b>	<b>N6GLS</b>	<b>Gary</b>	<b>New assignment January 2018</b>
San Marcos CERT	KI6AOK	Laura	Simplex 147.510
Vista EC	vacant		<b>Vista repeater KA3AJM 146.970(-) PL 107.2</b> Simplex 146.535
<b>Oceanside EC</b>	<b>W6EPM</b>	<b>Roni</b> <a href="mailto:W6epm.roni@gmail.com">W6epm.roni@gmail.com</a>	<b>New assignment January 2018</b>
Oceanside CERT	N6JO	Joe <a href="mailto:N6JO@arrl.net">N6JO@arrl.net</a>	<b>Oceanside FD repeater (for local use only)</b>
<b>Carlsbad EC</b>	<b>W5WYQ</b>	<b>Gary</b> <a href="mailto:W5WYQ@arrl.net">W5WYQ@arrl.net</a>	<b>New assignment January 2018</b> <b>PARC repeater 146.730(-) PL 107.2</b> <b>Simplex 144.465</b>
Carlsbad CERT Auxcom	W6MBM	Mike <a href="mailto:w6mbm@aol.com">w6mbm@aol.com</a>	<b>Weekly drill on Mondays at 2000</b> <b>PARC repeater 146.730(-) PL 107.2</b>

<sup>7</sup> This Comm Plan is sorted by Emergency Coordinator (EC) and includes CERT Teams known to have active Hams embedded in the teams.

<sup>8</sup> On 4/1/16, Dave N8KBC started a 2-year term as the elected Section Manager. In 2018, Dave started another 2-year term as Section Manager.

<sup>9</sup> San Diego Six Shooters (SDSS) repeater 449.780(-) PL 141.3 on Mt Woodson performed well with North County coverage during the May 2015 hospital exercise.

Encinitas CERT	AG6IA	Dan ag6ia@cox.net	Del Mar Repeater 446.880(-) PL 114.8 [alternate POC Arnie, alewin@encinitasca.gov]
<b>Solana Beach EC &amp; CERT,</b> (Encinitas & Rancho Santa Fe & Del Mar)	<b>AE6O</b>	<b>Art</b>	<b>New assignment January 2018</b> Del Mar repeater, 446.880 (-) PL 114.8 Hz Simplex 146.550
Del Mar CERT	KA6CAP	Cap captlaw@aol.com	Del Mar Repeater 446.880(-) PL 114.8 AREDN 2.4 GHz Ch -2 [alternate POC Gene Swiech, gene@wb9coy.com]
Rancho Santa Fe CERT			Del Mar Repeater 446.880(-) PL 114.8
<b>Mountain / Eastern / Backcountry District EC</b>	vacant		
Julian area and ACS Eastern Lead	KJ6HOV	Greg	ECRA <sup>10</sup> 147.03(+) PL 103.5 (Palomar Mtn)
<b>San Diego Fire Authority CERT, Southern Division</b> (Barrett Junction, Boulevard, Carveacre, Campo, Deerhorn Valley, Dehesa, Descanso, Dulzura, Guatay, Harbison Canyon, Jacumba, Jamul, Japatul Valley, Lake Morena, Otay, Pine Valley, Potrero and Tecate)	W6CAW	Craig Williams	SANDRA Lyons Peak Repeater 146.265(+) PL 107.2 Simplex 146.520
Ramona EC	KF6AUP	Donald	ECRA 147.030(+) PL 103.5 (Palomar Mtn) Ramona 145.300(-) PL 88.5 (Low Level) CORA Woodson 145.180(-) PL 107.2 145.710 Simplex 146.520 Simplex
Boulevard EC	KI6PLH	Jerry	SANDRA Mt Laguna 147.150 (+) PL 107.2 SANDRA Otay 146.640 (-) PL 107.2
<b>Central District EC</b>	vacant		
San Diego EC	N1TEN	Dennis Yard hamandrovers @yahoo.com	SANDRA repeater 147.885(-) PL 107.2 (Sharp Hospital, Kearny Mesa) (Otay receiver-only on same freq, PL 67.0 <sup>11</sup> ) Simplex 147.580
San Diego City CERT	N1TEN	Dennis Yard hamandrovers @yahoo.com	SANDRA repeater 147.885(-) PL 107.2 (Sharp Hospital, Kearny Mesa) Secondary K6XI repeater 449.440 PL 107.2 (Otay Mtn)
Poway EC	NA6MB	Mike	CORA 145.180(-) PL 107.2 (Mt Woodson) Grumman 146.790(-) PL107.2 (Carmel Mtn Ranch) CERT Simplex 144.435
Poway CERT	KJ6SJY	Dan	CORA 145.180(-) PL 107.2 (Mt Woodson) SDSS Mt Woodson 449.780(-) PL 141.3 N6DCR Black Mtn 445.680(-) PL 123.0 YSF, Wires-X
Scripps Ranch EC	vacant		CORA Mt Woodson repeater 145.18 (-) PL 107.2 Simplex 147.555

<sup>10</sup> In 2016 ECRA reported that website [www.ecra-sd.com](http://www.ecra-sd.com) replaced the old ECRA web site.

<sup>11</sup> Using the alternate PL tone (67.0) to access the Sharp Kearny Mesa repeater through the Otay receiver extends the range of the Kearny Mesa repeater. In other words, if you cannot access using PL 107.2, try PL 67.0.

Mira Mesa EC	vacant		
Rancho Penasquitos EC	vacant		
Rancho Bernardo EC	vacant		
El Cajon EC	WA6MHZ	Pat	ARCEC repeater 147.420, repeater input 146.475 (-945kHz odd split) PL 107.2 ARCEC repeater 224.080 PL 107.2 (both RX and TX) ARCEC repeater 445.900(-) PL 107.2 Simplex 146.52 or 147.57
El Cajon CERT			
Lakeside CERT			Rattlesnake Peak repeater 147.765(-) PL 79.7
<b>Southern DEC</b>	KI6GRO	Fred ki6gro@arri.net	SOBARS repeater 146.085(+) PL 100.0 YSF SOBARS repeater 448.340(-) PL 100.0 YSF [SOBARS repeaters run on solar & battery only] Simplex 146.445 MHz
Coronado EC & CERT <sup>12</sup>	W3NRG	Ed	CERO repeater 147.180(+), PL 110.9 CERO repeater 447.200(-), PL 110.9 Simplex 147.180 MHz; Simplex 146.550 MHz
<b>Chula Vista EC</b>	<b>KK6YLW</b>	<b>Bob</b>	<b>New assignment January 2018</b> <b>SOBARS repeater 146.085(+) PL 100.0 YSF</b> <b>Simplex 146.445</b> <b>[SOBARS repeaters run on solar &amp; battery only]</b>
Chula Vista CERT	KJ6SJQ	Hugo	
National City CERT	vacant <sup>13</sup>		
<b>Imperial Beach CERT</b>	<b>K6IBP</b>	<b>Curtis</b>	<b>New assignment January 2018</b> <b>SOBARS repeater 146.085(+) PL 100.0 YSF</b> <b>SOBARS repeater 448.340(-) PL 100.0 YSF</b> <b>Simplex 146.445 MHz</b> <b>[SOBARS repeaters run on solar &amp; battery only]</b>
ACS (RACES)			ACS (RACES) repeater 147.195(+) PL 114.8 [Cuyamaca Pk, Lyons Pk, Palomar Mtn, Poway]
Skywarn EC	AA6TS	Tom	SANDRA repeater Mt.Otay 146.640 (-) PL 107.2 VHF Primary: 147.195 + 114.8 K6JCC "Red" VHF Secondary 448.78 - 131.8 K6JCC "Gold" Tertiary 147.030 + 103.5 K6RIF ECRA Palomar Day HF Primary - 7.240 LSB "HF 1" (NVIS) Night HF Primary - 3.910 LSB "HF 4" (NVIS) Skywarn Comm plan at <a href="http://www.swskywarn.org/Communications.htm">http://www.swskywarn.org/Communications.htm</a> .
<b>Imperial Valley EC</b>	KM6NUY	J <sup>14</sup>	SANDRA repeater 147.150(+ ) PL 107.2 HF: 3933 kHz
Tijuana, Baja California, Mexico (CREBC, XE2BNC)	XE2SI	Juan xe2si@crebc.org	438.225(-) <sup>15</sup> PL 100 YSF

<sup>12</sup> Coronado CERT is reportedly inactive as of September 2016.

<sup>13</sup> In October 2015, the National City CERT Coordinator reported that the position of Lead Ham was vacant.

<sup>14</sup> In January 2018, J Rollins KM6NUY volunteered to step into the Imperial County vacancy left by Dennis Ambrose WB6CGJ moving out of the Section. J's appointment as an EC is being processed.

<sup>15</sup> When using the CREBC 438.225 MHz repeater, yield to Amateur television operating in the US in accordance with the SCRRBA.org band plan. Also, some radio equipment might require extra persuasion to set the correct repeater offset for repeater operations on 438.225 MHz.

## HF Comm Plan

The HF Comm Plan supports ARES voice and digital backcountry communications and interagency communications. HF frequencies provided (below) are common HF drill and net frequencies. We list net times here to encourage participation in HF nets.

**During an emergency, only the Section Manager or an Emergency Coordinator (EC) will contact organizations outside the Section area (San Diego & Imperial Counties) on behalf of ARES. The Section Manager ensures that external communications conform with rigorous disaster communications protocol and agreements with Supported Agencies. Extraneous and unofficial communications, although well-intentioned, will clog and confuse communications channels.**

Sun 0800	3965 kHz	ARRL Southwestern Division Net <i>Net Control Marty N6VI former Division Vice Director</i>
Sun 0815	3924 kHz	San Diego Northern District HF Net <i>Net Manager Steve KC6MIE with Net Controls Dave KØCSD, Steve KK6AHB and Greg KJ6HOV.</i>
Sun 0830	3933 kHz	Imperial County HF Net <i>Net Control from W6ICR EOC Net Manager J Rollins KM6NUY with Net Control Craig W6CAW</i>
Sun 0900	3905 kHz	San Diego Section ARES HF Net <i>Net Manager Don N6CEO with Net Controls Bill K1CT and Ed W6OYJ</i>
Sun 0915	7073 USB kHz Data	ARES Special Activities Digital Net (after 3905 kHz Voice Net ends) Alternate Special Activities frequencies, depending on propagation: 3573 kHz data and 5330.5 kHz data Voice coord: Convair Palomar rpt 224.900(-) PL 107.2     <i>Net Mgr Bill K1CT with Net Control Greg KJ6HOV</i>
Tues 1930	28.480 MHz And 7.240 MHz	SOBARS HF <i>Net Control Jim N6RSL</i>
Wed 1900	28.422 MHz USB	Convair/220 HF Ragchew
	7228 kHz or 7240 kHz	Kaiser Permanente (KPARN) regional
	7230 kHz	Red Cross uses CalEMA HF

## 6-Meter Comm Plan

Kaiser KPARN San Diego uses 6-meter repeater 51.80(-) PL 127.3

### 1.25-Meter (220 Band) Repeaters

<b>Convair Palomar repeater<sup>16</sup></b> 224.900(-) PL 107.2	K6XI Otay Repeater 223.840(-) PL 107.2	<b>SANDRA Otay repeater</b> 224.060(-) PL 107.2	SANDRA Laguna repeater 224.200(-) PL 107.2
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<sup>16</sup> Convair Palomar repeater 224.900 worked well during ARES SET in April 2017.

## Simplex Frequencies<sup>17</sup>

If you need a simplex frequency to pass traffic between stations or for tactical coordination:

2m VHF FM simplex frequencies:			1.25m VHF FM simplex frequencies	70cm UHF FM simplex frequencies:
145.510	146.445	147.480	223.420	445.000
145.525	<b>146.520 (calling frequency)</b>	147.510	223.440	<b>446.000 (calling freq)</b>
145.540	146.535	147.525	223.460	446.500
145.555	<b>146.550 ("double nickel")</b>		223.480	446.520
145.570	146.580		<b>223.500 (calling freq)</b>	
145.585	146.595		223.520	
145.600				
145.615				

## Simplex High Points

Simplex high points can relay simplex check-ins from valleys below.

Julian and Wynola area	Simplex 147.480 MHz	Greg KJ6HOV Brian KJ6HOU Jan KJ6MUV
Double Peak, San Marcos	San Marcos CERT 147.510 and Vista EC & CERT 146.535	
Point Loma Community Park - on ridgeline along Catalina Blvd to Naval Base Point Loma	See Central San Diego simplex frequency	
Mount Soledad Monument, La Jolla	See Central San Diego simplex frequency	
Mount Helix Park, La Mesa		
Otay Mtn location TBD, Eastlake		
Wildcat Canyon Rd Summit, Lakeside	See Ramona simplex frequency	Bob AI6KU
SR-52 at Mission Trails summit, Tierra Santa		
Hilltop Park, Rancho Penasquitos	See Poway & Central San Diego simplex frequencies	
Palomar Mtn area		
Double Peak, San Marcos		

<sup>17</sup> From the TASM.org, 220SMA, and SCRRBA.org band plans.

ARES Los Angeles Section: DARN system<sup>18</sup> <http://www.darn.org/>  
 Santiago Peak, DARN 7 (closed) 448.920(-) PL 91.5 (operated by affiliate CLARA)  
 Otay Mountain, San Diego DARN 9 (closed) 447.440(-) PL 107.2 (rptr transmits 100.0 PL)  
 Otay Mountain, San Diego DARN 29 (closed) 147.30(+) PL 107.2 (rptr xmts 100.0 PL)  
 LAX ARES HF net every Sunday morning at 8:45 am on or about 7283 kHz

ARES Orange Section (includes Orange County, Riverside County, and San Bernardino County): TBD

ARES Arizona Section: 3990 kHz. CalZona Link via Mt Laguna repeater 147.240(+) PL 103.5

ARES Nevada Section: 3965 kHz

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## *High Data Rate Emergency Network System (HDRENS)*

Independent of normal Internet connections, HDRENS provides an emergency Internet connection faster than commercial data speeds. HDRENS supports Winlink, telephone, WiFi hot spots, and video teleconferencing capability along a 60+ mile stretch of coastal San Diego County from Mt Soledad (La Jolla) to Coronado and Tijuana, Baja California (Mexico). Served agencies include San Diego Blood Bank, Sharp Coronado Hospital, and Tijuana General Hospital. Operating in the microwave spectrum, the network is built with a 5 GHz backbone and has 5 GHz and 2.4 GHz access points.

See [www.hdrens.net](http://www.hdrens.net) for info.

## *Amateur Radio Emergency Data Network (AREDN)*

The AREDN network is available for all San Diego County ham-based groups. The network backbone extends from Mt. Otay in the south to Mt Palomar in the north with mid-mile sites currently in Bonsall, Sorrento Mesa, and Kearny Mesa. Extensions are in the planning phase for Mt Laguna with coverage to Imperial Valley and Elsinore Pk with coverage into the Inland Empire. The AREDN.org web site has instructions on how to setup local network nodes and they have a very active support forum. The SSID used throughout the county is "AREDN-5-v3", a 5 MHz bandwidth and channel "-2" (2397 MHz).

Several disaster groups are utilizing the network and at least one local agency is in the process of piloting the system.

## *Community Protection and Evacuation Plan*

Seven San Diego County communities have developed emergency plans to pre-plan crisis response. Some of the plans include Ham radio in detail; others do not. The plans for **Alpine, Boulevard, Campo/Lake Morena, Descanso, Fallbrook, Jamul, and Ramona** are available at: <http://www.sdcounty.ca.gov/oes/> On the OES web page, Click the Menu Tab on the top of the page. Then Navigate to Community > Community Protection and Evacuation Plan (CPEP). Then scroll down to find the CPEP for your community.

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<sup>18</sup> The DARN system is a closed, membership repeater system that allows ARES to use the system during weekly nets, approved drills, and/or emergencies.

## Digital Comm Plan

### WINLINK

ARES WINLINK operators check-in using the Winlink Local Template SDG ARES Check-In which pre-fills address fields to send your check-in form to SDG-RESOURCE and SDG-MOC. If time allows, "cc" the following Winlink operators to announce that you are "on air" (copy/paste this list into your Winlink Express address field): N6ADO; K6AQ; K1CT; KE6CWP; N6DAR; W6EPM; KI6GRO; NI6H; KJ6HOV; KG6HSQ; K6HW; N6KZB; KI6MBO; KJ6MIX; W3NRG; AE6O; N6QKE; K6QM; WW6RB; K6RJF; N6RSL; KI6SRR; AA6TS; N1TEN; NH6WR; WB1OOD; (To be added or deleted from this list, contact [k6rif.rob@gmail.com](mailto:k6rif.rob@gmail.com).)

**Commonly-used VHF and UHF Winlink gateways in the San Diego area include:**

**DIRECT:**

- W6IM-1 145.03 MHz SDYC, Pt. Loma
- W6RDX-10 145.05 MHz Red Cross, Kearny Mesa
- WA6RDX-10 145.05 Mhz Red Cross, El Centro
- KG6HSQ-10 145.05 MHz KG6HSQ, Fallbrook
- W6SH-10 145.07 MHz CERO, Coronado
- XE2BNC-10 145.09 MHz CREBC, Tijuana
- XE2BNC-11, 145.03 Mhz, Cerro Colorado, Tijuana (south of Hwy 125 & Otay Mtn)
- XE2BNC-13\* 146.70 MHz (minus offset, no pl) - PARC, Palomar
- KG6HSQ-13\* 146.70 MHz (minus offset, no pl) - KG6HSQ, Fallbrook

\*Direct connection but uses PARC Palomar duplex packet repeater  
(Contact NI6H for information if needed.)

**DIGIPEATERS\*\***

- W6IM-1 145.03 MHz via WA6MHZ-1 digi, Crest
- **N6FQ-1 145.05 Red Mtn, Fallbrook**
- W6RDX-10 145.05 MHz via W6NWG-1 digi, Palomar
- W6SH-10 145.07 MHz via KJ6HOV/K1CT digi, Julian/North Clairemont
- XE2BNC-9 145.09 Mhz via XE2BNC-10 digi, Cerro Bola

\*\* Please advise if you find an RMS VIA DIGI access to be inactive.

Winlink peer-to-peer 144.970 (Note: 145.01 is not a TASMA packet frequency.)

Winlink voice coord: CREBC repeater 438.225(-) PL 100 YSF

Winlink protocol: Use a tactical address if operating from a supported agency.

In Winlink Express preferences, **DO NOT select default "Request read receipt"** in the message window because doing so during an exercise or event can slow down some traffic. (Lesson learned from April 2017 SET.)

Use Winlink Express Templates to format formal ICS-213 messages. (Effective October 2015, SDGARES transitioned away from FLMSG-format to Winlink Express templates for formal ICS messages.)

### FLDIGI

ARES FLDIGI operators rally on: 7073 kHz USB (primary)

5330.5 kHz (secondary for PSK31 only)

10130 kHz (secondary for all digital modes)

28177 kHz (tertiary for all digital modes)

Use Convair/220 Palomar Mtn repeater 224.90 MHz (-1.6 MHz, PL 107.2) for FLDIGI voice coordination.



## Served Agencies

These hospitals and other organizations have requested ARES support or joined ARES emergency nets in the past. This list might assist Net Controls with check-in rosters. This list includes Winlink tactical addresses that the locations might use, if the station has a Winlink operating position.

<p><b>Northwest Coastal</b> Camp Pendleton Hospital, SDG-CAMPPEND</p> <p>Tri-City, 4002 Vista Way, Oceanside CA 92056 SDG-TRICITY</p> <p>Scripps <u>Memorial</u> Encinitas, 354 Santa Fe Dr, Encinitas, CA, SDG-SCRENCIN</p>	<p><b>Northeast</b> Fallbrook Hospital (inactive), SDG-FALLBR</p> <p>New Palomar Hospital (Escondido), 2185 W Citracado Pkwy, Escondido, CA 92029, SDG-PALOMAR</p> <p>Old Palomar Hospital (downtown Escondido)</p> <p>Palomar Medical Center - <b>Poway</b> SDG-PMC-PWY (Was Pomerado Hospital)</p>
<p><b>Central Coastal (South of SR 56)</b> Scripps Green (Torrey Pines), SDG-SCRGREEN</p> <p>Scripps <u>Memorial La Jolla</u> (Genesee Ave), SDG-SCRMEMLJ</p> <p>UCSD Thornton (La Jolla, Genesee Ave), SDG-THORNTON</p> <p>VA Hospital (La Jolla Village Dr), SDG-VAMEDCEN</p>	<p><b>Central Inland</b> San Diego County EOC, SDG-EOC San Diego County MOC, SDG-MOC Red Cross HQ (@ Kearny Mesa), SDG-REDCRHQ Rady Childrens (@ Kearny Mesa), SDG-CHILDREN Sharp <u>Memorial</u> (@ Kearny Mesa), SDG-SHMEMKM Sharp MaryBirch (@ Kearny Mesa), SDG-MARYBIR Kaiser Zion (Mission Gorge), SDG-KZION</p>
<p><b>Southwest (South of Interstate 8)</b> UCSD Hillcrest, SDG-HILLCRST</p> <p>Scripps <u>Mercy Hillcrest</u>, SDG-MERCYHIL</p> <p>Vibra Hillcrest (555 Washington St ), SDG-VIBRAHC</p> <p>Sharp Coronado, SDG-SHARPCOR</p> <p>Balboa Naval Hospital, SDG-BALBOA</p>	<p><b>Southeast</b> Alvarado Hospital, SDG-ALVARADO</p> <p>Sharp Grossmont Hospital, SDG-GROSSMON</p> <p>Paradise Valley Hospital, SDG-PARADISE</p> <p>Scripps <u>Mercy</u> ChulaVista (H St @ 4<sup>th</sup> Ave), SDG-MERCYCV</p> <p>Sharp Chula Vista (Telegraph Canyon Rd), SDG-SHARPCV</p>

### Other sometimes-served organizations

SDG-CVEOC -- City of Chula Vista EOC (password custodian KI6GRO)

SDG-CVTRLR -- City of Chula Vista Emergency Communications Trailer (password custodian KI6GRO)

SDG-SDEC -- Southern DEC ARES San Diego Section (password custodian KI6GRO)

Shelter Valley Citizens Corporation (SDG-SVCC), Kindred Hospital, University Community Medical Center, Sharp Cabrillo, Kaiser Palm Ave, Alvarado Parkway Institute, Kaiser Shadowridge, Aurora (Rancho Bernardo), San Ysidro Community Health Center Clinic System (SDG-SANYSIDR), Sharp Mesa Vista, Sharp Rehab (@ Kearny Mesa), UCSD Ambulatory Care, UCSD Center for Occupational Environment, Mountain Health (Alpine), Community (Tribal) Clinics, hospital group corporate HQs,

Calfire, Salvation Army, San Diego Blood Bank WB1OOD,  
Emergency Broadcast Station KOGO 600 AM

## **ARES Net Control Check-List**

ARES Call Signs: W6SDG, W6MOC

1. Contact Section Manager, SEC, and ASEC.
2. Receive status reports from ECs.
3. Announce alert level.
4. Assign someone to map San Diego & Imperial Counties, determine affected and unaffected areas.
5. Assign someone to contact Red Cross, SATERN, EOC, ACS (RACES), Skywarn
6. Assign someone to contact all CERTs.
7. Assign someone to contact Orange ARES & LAX ARES & AZ ARES.
8. Assign someone to monitor TV & radio for situational awareness.
9. Assign someone to monitor social media (Facebook & Twitter).
10. Assign someone to contact clubs and repeater owners.
11. Assign someone to start a Winlink Net.
12. Assign a WebEOC monitor.
13. Assign someone to monitor APRS.
14. Update SDGARES web site, draft emails, activate PIC & PIOs
15. Arrange logistics resupplies, taxis, food, water, relief watchstanders, technical solutions.
16. Update comm plan as situation develops.
17. Assign a trailer deployment team.
18. Ask ECs to request readiness reports from individual operators.

## **ARES ADMINISTRATIVE**

Effective 2016, mailing address for correspondence, information requests, and donations: SDGARES, PO Box 178069, San Diego, CA 92177

SDGARES Treasurer is Curtis Price, K6IBP.

SDG ARES Web Site: [www.sdgares.net](http://www.sdgares.net)

ARRL San Diego Section web site: [www.sdg-arrl.org](http://www.sdg-arrl.org)

### Alert Levels

Condition Green - Normal	Normal Conditions. No event expected. No ARES operations expected. Normal amateur radio operations. Recharge batteries weekly or monthly.
Condition Yellow - Watch	<p>Something might happen. (For example, there might be Red Flag conditions, several wildfires might be burning, but the fires are manageable, or severe weather is rolling in.)</p> <ul style="list-style-type: none"> <li>● Check email several times per day for ARES announcements.</li> <li>● If you receive YahooGroup emails via daily digest, switch your Yahoo setting to individual emails.</li> <li>● Check radio equipment and go-kit. Check personal prescriptions.</li> <li>● Monitor ARES-affiliated repeaters at least once per day for updates and mention to your ham friends that ARES is on an elevated status.</li> <li>● Fuel car. Test portable generator.</li> <li>● Charge HT batteries and station batteries.</li> <li>● Follow news reports for your situational awareness.</li> <li>● Print a paper copy of the ICS 214 Activity Log and ICS 309 Communications Log, and then start recording events on those logs.</li> <li>● Print a paper copy of the latest ARES Comm Plan.</li> <li>● Print a few spare ICS 213s for formal message traffic.</li> <li>● Winlink operators consider updating Winlink (RMS) Express software and the Forms Template Library to the latest release.</li> </ul> <p><b>Freeze updates (do not update) if the situation is developing quickly.</b> Test VHF and HF connections.</p>
Condition Orange - Warning	<p>A local emergency has occurred or is spreading out of control (perhaps a wildfire).</p> <ul style="list-style-type: none"> <li>● Load go-kits and portable gear in car, but do not self-deploy.</li> <li>● Partial activation may occur, such as activating the MOC or a hospital.</li> <li>● Depending on situation, some ECs may activate their nets.</li> <li>● Check email as frequently as possible.</li> </ul>
Condition Red - Activation	<p>Widespread emergency situation.</p> <ul style="list-style-type: none"> <li>● Full emergency communications protocols implemented.</li> <li>● Activate all EC nets.</li> <li>● Check in with your EC.</li> <li>● DSW cardholders prepare for assignment.</li> <li>● Served agencies contact SEC to request ARES support.</li> </ul>
Condition Blue - Demobilization	<p>Demobilization. Emergency has terminated. Served agencies are releasing ARES volunteers.</p> <ul style="list-style-type: none"> <li>● ECs submit after-action reports to SEC.</li> <li>● After all teams return home, the SEC issues Condition Green for normal operations.</li> </ul>
Condition Purple - Training	<p>Section-wide training exercise is in progress.</p> <ul style="list-style-type: none"> <li>● On nets, say, "This is a drill."</li> </ul>

## FORMAL MESSAGE HANDLING PROWORDS

### **Common script:**

Sender: MESSAGE FOLLOWS IN ICS-213 FORMAT. (Allow a moment for everyone on the net to find a blank Form ICS-213. Other formats could be HICS-213 or RADIOGRAM.)

Sender: WRITE THE MESSAGE SERIAL NUMBER IN THE TOP RIGHT-HAND CORNER OF THE FORM. THE MESSAGE SERIAL NUMBER IS \_\_\_\_\_.

Then read the rest of the message form, block by block.

Sender: BREAK FOR FILLS

Recipient with a question: (say your call sign)

Sender: GO AHEAD <CALL SIGN>

Recipient: SAY AGAIN WORD AFTER \_\_\_\_\_ (or SAY AGAIN WORD BEFORE \_\_\_\_\_)

Sender: I SAY AGAIN WORD AFTER <Repeat last word sent correctly, and then continue.>  
BREAK

Sender: MESSAGE CONTINUES

Sender: END OF MESSAGE

Sender: BREAK, AND THE COUNT IS: \_\_\_\_\_. THE COUNT INCLUDES THE WORDS, "THIS IS A DRILL."

Sender: BREAK FOR FILLS

### **Common prowords:**

CHECK <followed by a number, the number of words in the message>

COMMA

DASH

DECIMAL

FIGURES

I SPELL

I SPELL LETTER GROUP (for example, ARES)

I SPELL MIXED GROUP or I SPELL CALL SIGN (for example, W1AW)

INITIAL

PERIOD

OPERATOR NOTE [abbreviated "OP NOTE"] (Use if you want to send append radio-specific info to the message, such as the originating station in a relay situation or the CHECK word count.)

MESSAGE SERIAL NUMBER (Write message serial number in top right-hand corner of ICS Form 213.)