



The Salvation Army

Emergency Disaster Services

Salvation Army Team Emergency Radio Network



03 May 2018

SATERN To Celebrate 30th Anniversary With SATERN Net Rally

National HQ – Alexandria, VA (05/01/2018) - On Sunday, 26 June 1988, Major Patrick E. McPherson (WW9E-SK) conducted the very first SATERN Net with four check-ins including Art Evans (N9KQ) and two Canadian Salvationists. In the ensuing 30 years, SATERN grew from those four operators to over 4,200 worldwide and served in such major disasters as Hurricane Gilbert (1988 – just two months after their first Net), the Mississippi River Flood (1993), the Red River Valley / Grand Forks Flood (1997), The Izmit, Turkey, earthquake (1999), and Hurricanes Mitch (1998), Fabian (2003), Charlie, Francis, Ivan and Jeanne (2004), Katrina, Rita and Wilma (2005), Gustav and Ike (2008) and Isaac (2012). SATERN also became active in many local disasters such as the Plainfield (IL) tornado (1990), the southern Minnesota tornadoes (1998), and numerous others.



To celebrate thirty (30) years of operation, SATERN will be conducting a SATERN Net Rally from Monday, 25 June through Sunday 08 July 2018. The objective of the SATERN Net Rally is to inform the Amateur Radio community about SATERN including what SATERN is and what SATERN does, its recent activities

and what frequencies SATERN can be found on and to encourage SATERN net participation, increase SATERN volunteerism and, as always, to have fun with our shared hobby.

All licensed Amateur Radio operators are welcome to participate. They do NOT have to be SATERN volunteer or a member of The Salvation Army.

All licensed Amateur Radio operators who check-in to any of the registered participating SATERN Nets will receive a SATERN QSL Card. Cards will be sent to the addresses found on www.QRZ.com. Only one (1) card per Call-Sign will be sent.

Operators checking-in to any SATERN Net registered for the SATERN Net Rally will be asked to provide their call sign, their name, and their location. They may also be given an opportunity to make a brief comment. Net times and frequencies can be found on SATERN.org.

WinLINK can be used for check-ins only to the International SATERN SSB Net (M-Sat., 14.265 MHz) and the International SATERN Digital Net (Sat. 14.065 MHz). Check-ins must be transmitted via HF only on the Net day no more than one hour prior to the Net's operating time.

The WinLink email should be sent to WB5ALM@Outlook.com. The Subject line should be: SATERN 30th Anniversary Check-In. In the email's Text the operator should include operator's call sign and mailing address for the QSL card to be sent to.

The QSL cards will be from WW9E, the official Salvation Army USA National Headquarters station. WW9E was the long-time call sign for Major Patrick E. McPherson, the Founder of SATERN who became a Silent Key in May 2016. His family has graciously allowed Maj. Pat's call sign to be assigned by the FCC to The Salvation Army USA National Headquarters.

Those checking into eight (8) or more nets will receive a SATERN certificate via e-mail. The top 5 check-ins with the most confirmed log-ins will get an honorable mention on www.SATERN.org, in SATERN's weekly Newsletter and will be announced on the International SATERN SSB Net on Monday 23, July and on Saturday, 28 July.

NET REGISTRATION:

Any HF, VHF or UHF SATERN Net may register to be a part of the 30th Anniversary SATERN Net Rally. To register, the Net Manager should contact the National SATERN Committee at WB5ALM@Outlook.net. Nets must be registered by no later than Friday, 15 June 2018.

Registration implies that the Net Manager agrees to (1) regularly promote the 30th Anniversary SATERN Net Rally on their Nets and (2) e-mail their logs to the National SATERN Committee at WB5ALM@Outlook.net, by no later than Saturday, 14 July 2018. Net Logs from SATERN Nets that have not previously registered will NOT be accepted.

Logs MUST be in electronic form (Excel Spreadsheet, CSV file, or plain text with delimiter). Logs must include Net date, Net start time, and Net frequency as well as a list of all check-ins by call-signs. Operator check-in time, operator name, signal reports, or their state are acceptable BUT NOT REQUIRED.

Hand-written Logs will NOT be accepted!

Net Control Operators should ensure that the call-signs supplied are valid or SATERN will be unable to send out a QSL card. Invalid call signs will not be acknowledged nor will they receive a QSL card.

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News From The Salvation Army National CRD / EDS Conference In Indianapolis, IN



National Chief Secretary Col. Jeffrey Smith presents the national "Sleeves Rolled Up" Award to Nicola Palmer, Verizon Chief Network Engineer

Indianapolis, IN (05/03/2018) - The Salvation Army held its semi-annual National CRD / EDS Conference – Believe 2018 – at the Marriott Downtown Hotel in Indianapolis, IN, from Monday, 30 April through Thursday, 03 May 2018. It brought professionals from the Emergency Disaster Services (EDS) and Community Relations and Development (CRD) disciplines together from all four USA Territories and the Canada-Bermuda Territory to exchange ideas and learn about the latest advances in their respective fields of operation.

It was also an opportunity for The Salvation Army to recognize the people and organizations who have supported The Salvation Army's operations.

Verizon received the "Sleeves Rolled Up" National Partnership Award from The Salvation Army for working on the ground and providing immediate and long-term recovery needs in support of the 2017 hurricane season, which was the costliest in American history.

"We recognize Verizon as an essential partner during the 2017 hurricane season," said Lt. Colonel Ward Matthews, The Salvation Army National Community Relations and Development Secretary. "The value of communications for disaster responders and survivors is beyond measure, and so is Verizon's dedicated and generous support as a partner."

Verizon also provided major assistance to The Salvation Army following the 2016 Louisiana Floods.

Verizon has been committed to working alongside disaster relief partners to return a sense of normalcy to survivors and restore impacted areas. The Salvation Army recognized Verizon's long track record of helping the communities it serves both during and after disasters.

In addition to a generous financial gift of \$2.5 million to The Salvation Army's 2017 hurricane response efforts, Verizon has worked closely with The Salvation Army to support much needed communications, providing complimentary smartphones with activated hotspots and unlimited domestic talk, text and data, jetpacks, Mophie Packs and wireless charging bases.

"Verizon is proud to join our friends at The Salvation Army in supporting our communities when they need us the most - during extreme weather events and other emergencies – with the most reliable network in the country," said Nicola Palmer, Chief Network Engineer and Head of Wireless Networks at Verizon. "We know that reliable communication is never more important than in times of crises and natural disasters. Our networks are designed from the ground up with reliability in mind. When a crisis hits, we are there for individuals, businesses, first responders and everyone who needs to stay connected when it matters most."

In addition to monetary donations to non-profit organizations, Verizon also offered the following support for the 2017 hurricane relief efforts:

- Relieved postpaid customers of data, talk and text charges and gave prepaid customers an extra 3 GB of data, talk and text.
- Deployed mobile equipment including Cells on Wheels (COWs), and Cells on Light Trucks (COLTS) to supplement service in South Texas.
- Staged equipment for rapid deployment to hard-hit areas.
- Worked closely with federal and local government agencies to support first responders with communications services.
- Staffed shelters with Verizon employees in Houston, Dallas and San Antonio to assist first responders and displaced residents with mobile charging, internet access and other communications needs.
- Offered emergency financial assistance to employees who were affected by the hurricanes.
- Offered up to a week of paid volunteer time to more than 10,000 Verizon employees working in Texas and Louisiana for volunteering in the Hurricane Harvey recovery efforts.

National SATERN Liaison Bill Feist (WB8BZH) presented "It Really CAN All Fail!" to a packed forum room. His talk centered on the work of SATERN during the 2017 Atlantic Hurricane Season.

It also focused on some of the factors that led to the complete collapse of the power and communications infrastructure in Puerto Rico and the difficulties in restoring that infrastructure. This included a comparison of the challenges faced by those in Puerto Rico and other Caribbean islands and responders in the continental USA.

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The Salvation Army Continues To Provide Relief At C-130 Crash Site Near Savannah



Savannah, GA (05/04/2018) – On Wednesday, 02 May 2018, The Salvation Army responded to a call from Chatham County Emergency Management Agency to provide food and hydration to approximately 175 first responders, including local public safety, FBI, GBI and military officials on scene of a crashed Air National Guard WC-130 near Savannah, Georgia.

The crash occurred a few miles away from the Savannah/Hilton Head International Airport near GA State Highway 21, just five miles away from The Salvation Army Savannah Garden City Family Store. Highway 21 was severely damaged and officials say it will be shut down for an undetermined amount of time.

The Salvation Army Savannah Corps canteen (mobile feeding unit) on scene has served approximately 600 meals a day non-stop since Wednesday. To help in the response effort, local businesses were quick to partner with The Salvation Army.

“The outpouring from the community has been tremendous and many local businesses have graciously donated various food, snack, drink and other supplies to responders through The Salvation Army,” said Major Philip Swyers, Corps Officer for The Salvation Army Savannah Corps.

Some of the businesses donating food and supplies include; Chick-fil-A, McDonalds, Zaxbys, Home Depot, Krispy Kreme, Shell House, Krystal, Texas Road House, Olive Garden, Papa Johns, Little Caesars, Marcos Pizza, Publix, Tijuana Flats and Republic Waste.

According to the U.S. Air Force, the C-130 was from the 156th Airlift Wing in Puerto Rico and was flying from Savannah to Tucson, Arizona, when it crashed. According to reports, the plane was at least 50 years old and was flying to Arizona to be decommissioned. It was used last year during Hurricane Irma to rescue US citizens from the British Virgin Islands.

Among the nine fatalities was Eric Circuns (WP4OXB) of Rio Grande, Puerto Rico. According to the American Radio Relay League (ARRL), the national amateur radio organization, Circuns was a radio amateur and Puerto Rico Air National Guard member who had been involved in hurricane recovery.

“Eric had been part of this unit, and this aircraft had served during both hurricane Irma and Maria,” ARRL Southeastern Division Assistant Director and Assistant Puerto Rico SM Jose “Otis” Vicens, NP4G, said in a statement. “The people of Puerto Rico thank him for his service and ultimate sacrifice. He will be remembered.”



The cause of the crash is under investigation by the National Guard Bureau and the Air Force. It is unknown how long the investigation will take to complete.

“Prayers continue to go out to the families of all on board the plane and those impacted by this tragic event,” said Major Swyers. “The Salvation Army is here on scene, and will continue to provide help and hope for as long as is needed.”

The Greenwood Corps of The Salvation Army Alabama-Louisiana-Mississippi (ALM) Division responded to a similar aircraft accident when it responded to a KC-130 air crash in a Leflore County Mississippi field on 10 July 2017. There were 16 fatalities – 15 Marines and 1 Navy sailor – in that crash.

Lt. Jamaal Ellis, with the help of numerous community volunteers, businesses and organizations served local, state and federal responders and investigators almost 2,900 meals and 4,400 drinks at two different sites during their seven (7) day response.

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The Salvation Army Ready To Respond To Lava Flow From Hawaii Volcano



Honolulu, HI (05/04/2018) - Salvation Army personnel on Hawaii Island are mobilizing to respond as needed to the lava flow in Leilani Estates being monitored by Hawaii County Civil Defense officials.

According to news reports, local emergency management has issued a voluntary evacuation order for up to 10,000 people in the immediate area of the lava flow. A local community center has been opened for evacuees and residents. Governor David Ige has activated the National Guard.

At 10.30am, a 5.0 magnitude earthquake south of the Puu Oo volcano cone triggered rockfalls and potential collapse into a crater on the volcano, according to USGS. Hazards linked to the ongoing eruptions could include "potentially lethal concentrations of sulfur dioxide gas" in the zone as well as methane blasts that could propel large rocks and debris in adjacent forested areas.

"The Salvation Army's EDS teams in East Hawaii are ready to activate as needed," said Lt. Micheal Stack, Divisional Youth & Mens Ministry Secretary and Emergency Disaster Services Coordinator for The Salvation Army – Hawaiian & Pacific Islands Division. "Additional updates will be provided in the coming days."

Iowa National Guard Exercise Pushes Communications Interoperability Limits

Iowa (05/04/2018) – For the first time, an Iowa National Guard exercise in late April used a common digital mode among military, Amateur Radio, and Military Auxiliary Radio System (MARS) participants on the 60-meter interoperability channels. Military standard communications mode MilStd 188-110 was pressed into service to pass digital messages during Exercise Stable Mercury. Because Amateur Radio operators on 60 meters are not symbol-rate limited, all parties were able to use a common digital mode at a higher data rate to pass traffic. For RTTY or digital operation, radio amateurs must transmit on the center frequency of 60-meter channels with a bandwidth no wider than that of a USB signal.

The 23–24 April communications exercise involved the deployment of Guard units across numerous incident command posts to operate cooperatively with federal, state, local, and auxiliary units. The scenario for the drill was based on an actual severe weather event that occurred 20 years ago, and the April exercise used radar feeds and storm spotter reports taken from the June 29, 1998, Iowa Derecho to inform this training event. A derecho is an extended straight-line windstorm associated with a fast-moving cluster of severe thunderstorms.

Exercise planner and retired Colonel Rob Hedgepeth (KEØGNS) stated that a major training objective for Exercise Stable Mercury was to train in sending voice and digital messages among the various exercise participants via HF radio. The rationale was that introducing a common digital protocol would increase message throughput over what could be achieved using only voice modes.

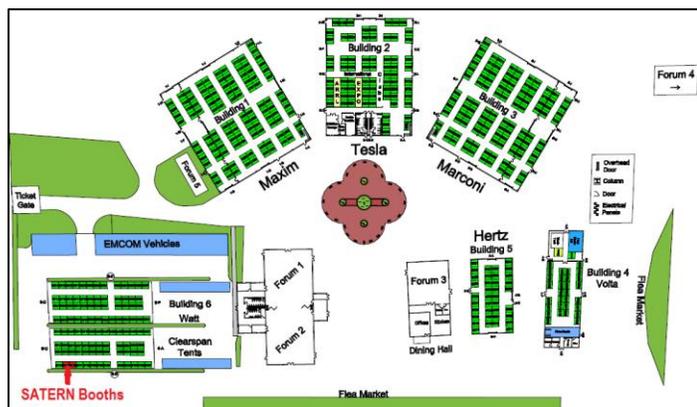
MARS volunteers Mitch Winkle (AB4MW) and Steve Hajducek (N2CKH) prepared an Amateur Radio version of the software package that MARS members use to interoperate with military units employing the MIL STD 188-110 serial PSK modem embedded in the AN/PRC-150(C) HF transceiver and its associated "chat" software. Iowa District 1 Emergency Coordinator Paul Cowley (WØYR) led the effort for his state's ham radio community to load and configure the M110 program in time for the exercise.

Amateur Radio rules impose a symbol rate limit of 300 baud below 29.7 MHz, restricting the types of digital modes that may be used. No such limitation applies on the 60-meter interoperability channels, however, allowing the Amateur Radio community to use the higher-rate Serial PSK mode that MARS and the military use. The M110 program employs a sound card mode, similar to other ham radio community software, and allowed 1,200-baud symbol data rate for this exercise.

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SATERN To Be At Hamvention Again

NHQ (05/04/2018) – SATERN Hamvention Co-Chairs Maj. Tom Dingman (K2QMU) and Perron Goodyear (VE3PSG) announced that SATERN will have an enhanced, double-sized booth at the SATERN Hamvention this year – 18-20 May 2018. The booths (#6112 and 6113) are located in the tent area. The new double-sized booth will offer a resting area with chairs, coffee, water, snacks and information about SATERN.



SATERN will also be engaged in several forums and talks on Saturday, 19 May, including:

- 0915-1030: ARRL Public Service Communications Panel
 Location: Forum Room #3
 Subject: A panel discussion on public service communications. Panel includes representatives from the ARRL, SATERN, MARS, VoIPWX.net, CAP, HWN, SHARES and FEMA.
- 1145-1300: SATERN Forum: “It Really CAN All Fail!”
 Location: Forum Room #5
 Subject: Report on SATERN’s response to the 2017 Atlantic Hurricane Season. The report will include a report about how and why the power and communications infrastructure failed in Puerto Rico, whether that could happen in the continental USA and what can be done about it.
- 1500-1520: ARRL Rapid Fire: The SATERN Strategic Plan
 Location: ARRL Booth, Building #2 (Tesla Building)
 Subject: A 20 minute report on why SATERN wrote a Strategic Plan, what we learned from it and why it may be valuable for other groups to do this.

The Territorial SATERN Coordinators will hold their Annual meeting on Thursday, 17 May 2018. Topics of discussion will include an evaluation of the progress being made on the Strategic Plan, more planning for SATERN’s 30th Anniversary and the SATERN Net Rally, discussions about how and when to use the National SATERN call sign, WW9E, and other issues.

ARRL Counts Down to Hamvention 2018

ARRL HQ (05/04/2018) - ARRL once again will be out in force at Hamvention® on 18-20 May at the Greene County Fairgrounds and Expo Center in Xenia, Ohio. The largest annual Amateur Radio gathering in the USA this year has been sanctioned as the 2018 ARRL Great Lakes Division Convention. This is only Hamvention’s second year at its new location in Xenia after decades at the now-shuttered Hara Arena.

The ARRL EXPO - a large exhibit area in Building 2 (“Tesla” Building) - will serve as the hub for ARRL activities, booths, and program representatives. More than 90 team members will support ARRL EXPO, including 18 ARRL Headquarters staffers. Recent additions to the ARRL EXPO guide include schedules for the ARRL Stage and “Meet the Authors” table. Hamvention’s theme this year is “Amateur Radio...Serving the Community.” ARRL will reflect that spirit by sponsoring four forums on Friday and Saturday that will comprise a Public Service Communications track. Convention goers attending three or more ARRL-sponsored Public Service Communications forums will earn an ARRL certificate in recognition of their commitment to ham radio public service training and development.

At the popular ARRL Membership Forum at noon on Saturday in Room 3, Great Lakes Division Director Dale Williams, WA8EFK, will share an update on proposed new guidelines for Amateur Radio Emergency Service® (ARES®) volunteers. He’ll also discuss plans for a new volunteer management software system, *ARES Connect*. Williams is leading a team that is seeking to upgrade ARES training and ensure the service continues to be a valuable partner for its served agencies into the future.

Visitors wanting up-to-date information while traveling to or attending Hamvention are encouraged to take advantage of text alerts, made available this year. The alerts will share important weather, traffic, parking, and other information throughout the weekend of the show. To subscribe to the system, users should text “Hamvention18” to 888777. Hamvention has credited Greene County Sheriff Gene Fischer, KX8GCS, with making the alert system possible.

The alert system is the latest addition to Hamvention’s efforts to disseminate important visitor information. For many years, Hamvention has had a talk-in station on the Dayton Amateur Radio Association repeater (146.94 MHz – 123.0 Hz tone) to give directions and other assistance. A traffic bulletin station has been added on 145.525 MHz to periodically repeat needed information. The text alerts and the talk-in and traffic bulletin stations will all share information about road conditions, accidents or other incidents, detours, parking status, and other news and information. Talk-in station operators also can provide directions to anyone who might need assistance.

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Hara Arena Home Getting A New Owner



Dayton, OH (05/02/2018) - The *Dayton Daily News* reports that a Louisville, Kentucky-based developer, Michael Heitz, of Garrett-Day LLC Properties, is in the process of buying Hara Arena, which served as home to Dayton Hamvention® from 1964 until 2016. Heitz told the *Dayton Daily News* that he bought out income tax liens on the property from Montgomery County and is hoping to close on some bank liens later this week. It's not known how much Heitz has invested in the property so far. The six-building Hara Arena complex includes some 120 acres of real estate, 25 acres alone devoted to parking. Heitz said his priority is to "clean it up and secure the property." Hara Arena has been visited by camera-carrying urban explorers as well as by vandals since it closed.

The IRS put the Hara Arena complex on the auction block last August to satisfy a tax lien, but no successful bidder came forward. An IRS staff member involved in the 2017 auction told ARRL early this year that the agency would not try again to auction the parcel, but suggested that other lienholders, including a mortgage holder and the Town of Trotwood, might try. At one point, the asking price for Hara Arena was \$775,000.

The *Dayton Daily News* reported in March that Hara property owners-trustees owed back taxes and around \$350,000 to banks. Heitz is known for buying distressed properties and getting them "shovel ready." He plans a Monday news conference to discuss the purchase and his plans.

According to the *Dayton Daily News*, Heitz has purchased other properties in the area by buying up tax and property liens, and his reputation for buying up derelict properties and turning them around goes back several years.

The Wampler family had owned and operated Hara Arena since its humble origins in the 1950s, when Wampler Ballarena — then a dance hall and later an exhibit hall familiar to Hamvention visitors — was built in what had been a family-owned orchard. When Hara closed in August 2016, the estimated economic hit to the Dayton area was said to be \$36 million a year.

ARRL Suspends Registration For Emergency Communications Course

ARRL HQ (04/30/2018) - Registration for "Introduction to Emergency Communications" (EC-001) was suspended on 30 April, after ARRL learned that the online platform provider for the course — Connecticut Distance Learning Consortium (CTDLC) — is being dissolved, effective 01 July, according to CTDLC's parent, Charter Oak State College.

CTDLC officials cited the fiscal challenges that the Connecticut state college and university system and the state as a whole are facing as the reason for shuttering CTDLC.

As plans are made to move the course content to a new delivery platform, ARRL decided to halt registration. Anyone who signed up for the EC-001 session that starts on 30 May will receive a refund. ARRL has been developing new EC-001 content and will intensify the process of selecting a new platform to deliver it.

More information on the new course content and a new host site for the EC-001 course will be announced, as soon as a decision is made on an alternative delivery mechanism.

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