

DISASTERCOM

DERA Newsletter

39 Years of Service

November 2001



DERA-WCARS Disaster Communications Van

DERA and the Western Carolina Amateur Radio Society (WCARS) formed a partnership in early September to acquire and jointly operate a state-of-the-art emergency communications van. The van is equipped with computer systems to support Incident Command System (ICS), CAMEO and ALOHA emergency response decision aids; the latest in UHF/VHF/HF multiband radio technology; onboard power generators; and a roof-mounted, 40-foot telescoping tower for antennas and video equipment.

One week into its commission, the vehicle was used by WCARS as a focal point for the collection of over \$2,500 to support disaster service of the American Red Cross as part of their Sept. 11th fund drive.

The mission of the van will be to respond to and support serious emergencies throughout Southeastern U.S. and catastrophic disasters anywhere in the world where needed.

With its HF radio equipment, operators in the van can communicate with amateur radio operators anywhere on the globe. Over the next few months, DERA will also equip the van with NASA ATS-3 satellite equipment, which will provide direct satellite links to key governmental and university sites throughout the western hemisphere, and a Maritime Radio System which will provide global coverage through commercial sites in the U.S., U.K., Canada, Spain, Norway, India, Japan, Brazil, South Africa, Australia, Russia and Italy.

Additionally, DERA will equip the van with a GlobalStar satellite telephone system, allowing telephone calls to any working telephone anywhere in the world.

Literally, there will be no place on the globe from which the DERA-WCARS van will not be able to operate.

The concept for the van was many years in the making, but it all came together rather quickly. DERA Directors Bob Dockery and Jay Wilson along with Paul Yeager from WCARS met with Dennis J. Sommers, P.E., in Shelby, NC, on September 2nd and discussed acquisition of a high technology van for disaster emergency service. Dennis had built the van for just this reason, but needed a sponsor to take it over. DERA had been looking for such a resource for many years. WCARS had people willing and able to operate the van, and emergency communications was a key part of their mission.

"In a nutshell," Dockery said, "This is what DERA does. It's a mission hard to define sometimes. But, we create partnerships, find opportunity, and write the check

Student Award Grants

Colorado's El Pomar Youth in Community Service Foundation has presented DERA with \$750 in grants to help fund our awards program for students who conduct studies in emergency preparedness.

Students at Buena Vista High School and Summit High School voted to award DERA the funds to support our program. Dr. Marian Olson, senior member of the DERA Board, accepted the presentations on our behalf.

DERA presents certificates, medals and small cash awards to students who perform studies on community safety, disaster preparedness, emergency management or similar topics. While most studies are undertaken as part of science projects, that is not a requirement to receive an award.

Any DERA member, school teacher, youth leader or emergency service professional can nominate a student for award by sending DERA a letter giving specific details about the student's work.

Webmaster Needed

DERA needs an experienced Webmaster to take over management and development of our website. Kevin Wilson, who helped build our original web page in 1993 and has managed it since 1995, has asked us to find a replacement as soon as possible because his work and college schedule will no longer allow him the time and flexibility to manage the page after December.

The ideal candidate for this position will have 3-5 year's experience designing and managing web sites and be dedicated to the DERA mission. The Webmaster can live and work virtually anywhere, because all work can be done online.

Several upgrades to our existing web site are needed, but DERA is interested in hearing from people who might have new ideas for ways to make the site more useful for the membership and others who use the site. The following changes are needed: (1) Create an interactive news-group/discussion page; (2) Expand the online reference library; (3) Improve functionality of the online membership signup and inquiry pages; (4) Create an online membership directory and allow members to update their personal information directly online.

This is an unpaid volunteer position; however, there are certain benefits, such as reimbursement for ISP access, online time, and access to new software.

Interested candidates should send a letter of interest, professional resume, sample of work and three references to:

DERA Executive Director
P.O. Box 797
Longmont, CO 80502

Email submissions welcome. Send to:

dera@disasters.org

DisasterCom is the quarterly newsletter of DERA International. News items and articles are always welcome.

ISSN 1521-1592

Editor: (Vacant after this issue — Applications Invited)

Membership in this Nonprofit Association is open to all who share our commitment to effective disaster preparedness and response.

See Back Page for Membership Application

The Disaster Preparedness and Emergency Response Association, International

P.O. Box 797, Longmont, CO 80502-0797 (USA)

E-Mail: DERA@disasters.org

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Longmont, CO 80502

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E I I P



Director's Comments

Dear Members,

Every year at this time, DERA salutes our members who are active or retired from the fire-rescue service. This year, I find myself without words as I try to sufficiently express appreciation, respect, and gratitude for all those who labored so hard...and are still doing so...in the aftermath of September 11th. There are no words to adequately express the admiration that the American public—and we as an organization—have for those who have given so much that others might live.

Nearly two months after that awful tragedy, DERA and our partnership organizations are still trying to learn the fate of many of our members. Many were FDNY firefighters, some worked in the World Trade Center and the Pentagon, and at least two appear to have been passengers aboard the aircraft. We are trying to account for all our members who were in harm's way that day, but like so many in the rest of the world, we still await news and confirmation of our fears from families and close friends.

The terrible loss to the New York City Fire Department (FDNY), alone, is nearly beyond comprehension. That FDNY was able to continue to function at all after its devastating losses on the morning of September 11th speaks an everlasting tribute to the professionalism, organizational skills and preparedness of everyone connected with that department, past and present, whose joint efforts created an incredibly robust and resilient organization.

Much has been written about the tragedy, but I believe it is important for us to reflect once again on the price that was paid by the fire-rescue service in New York. I do not mean to lessen in any way the tragedies at the Pentagon and in Pennsylvania, nor detract from the anguishing loss of aircrew and passengers, police officers, WTC/Pentagon office workers or visitors, and everyone else touched by this awful tragedy. But there is a lesson to be learned from the way FDNY recovered from its own catastrophic loss. Here is a partial accounting of FDNY casualties:

First Deputy Fire Commissioner
Chief of FDNY
Chaplain of FDNY
Fire Marshal of FDNY
Two Assistant Chiefs
Eighteen Battalion Chiefs
Twenty-One Captains
298 other Firefighters and Paramedics
186 critical injuries to other Firefighters / EMTs.

As I looked down the list that included Commissioner Feehan, Chief Ganci, the Assistant Chiefs and Battalion Chiefs, I realized that I'd met many of these leaders at conferences and exercises. Many were active in professional associations and were outstanding speakers at seminars and conferences. Some were our nation's leading experts on first response to acts of terrorism in urban environments. One has to wonder how any organization in the world could continue to function—and do it so well as FDNY—in the aftermath of such loss.

The textbook answer, of course, is that FDNY

had done comprehensive planning based on maximum credible events, careful organizational design, rigorous training and discipline. In New York from late that morning and onward, I suspect that the answer has been really something more. Success—indeed survival—required dauntless courage and relentless determination on the part of every member of the department, on-the-spot reorganization to ensure continuity of operations as senior command officers fell victim, and it required a virtually superhuman focus on the mission despite what must have been a sense of overwhelming personal loss on the part of every surviving emergency responder in the city.

Mutual aid came as needed, as did enormous federal resources. But it all came together because FDNY held together. There will never be a more eloquent tribute to the memory of those who fell than the camaraderie, bravery and valor shown by their fellow team members who carried on the mission, aided by firefighters and Urban Search and Rescue teams from across the country.

When FDNY has healed sufficiently from this loss, I hope we will hear individual accounts about how an agency can lose its top leadership, its City Emergency Operations Center, the core of its communications system, several tiers of management, its mobile command center, and countless blood brothers and sisters, fathers, sons and daughters of virtually every member, and not only survive, but endure, prevail, and triumph.



For all who perished on September 11, 2001

*With humility and respect,
- Jay Wilson, Executive Director*

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<http://www.disasters.org/emgold>

Welcome New Members

We are pleased to welcome the following members who have joined DERA since our last newsletter listing:

Avagene Moore
Lawrenceburg, TN
Stacy M. Neel
Denver, CO
Mark Connors
Washington, PA
Annette Baker
Jacksonville, FL
Kelly Nielsen
Norco, CA
Natural Hazards Center
Boulder, CO
David A. Richardson
Milwaukee, WI
Cody Chudyk
Arvada, CO
Suzy Coronel
Goodyear, AZ
Luz Marina Ochoa Brito
Pereira, Risa, Colombia
Freddie Steel
Chicago Ridge, IL
John Taylor
Gainesville, VA
David Crowley
Winthrop, MA
Mark Haimowitz
Somerset, NJ
Miss Gaye Cameron
Sydney, NSW, Australia
Rohit Jigyasu
Trondhiem, Norway
Joseph L. Klauser
Chatsworth, CA
Doris Koramah
Koforidua, Ghana
Dr. Shrikant Jichkar
New Delhi, India
Mihir Bhatt
Ahmedabad, Gujarat, India
John Fred Jodts
Titusville, FL
Capt. Guy M. Corriveau
West St. Paul, MB, Canada
Bill Pecci, Jr.
Stuart, FL
Richard Winter
Echo, OR
Larry V. Fulmer
Newberry, SC
Scott Alquist
Sparks, NV
Thomas W. Koch
Santa Ana, CA
Dr. Rizwan Naseer
Lahore, Punjab, Pakistan
Don Maher
Burlington, KY
Tom Harrigan
Magnolia, NC
Timothy A. Billingsley
Columbiana, AL
Mark S. Chandler
Ft Worth, TX
Thomas F. Meehan
APO AE
Hussein El-Turkey
Alexandria, Egypt
Wayne Wilburn
Athens, GA

Charles R. Hadley, Jr.
Cochranville, PA
Paulo Galacha
Lisbon, Portugal
Andrew M. Schmidt
Lynwood, WA
Joshua DeBord
Knoxville, TN
Scott A. Glamann
West Bend, WI
Catt Foy
Davenport, IA
Catherine Lawhun
Crystal River, FL
Jorge Mestre
Douglasville, GA
Omer M. Zein
Riyadh, Saudi Arabia
Celia R. Reijoo Nieves
San Juan, PR
Andy Stubblefield
Gridley, IL
Stephen E. Lowery
Chelsea, AL
Wesley B. Brown
Glocester, VA
Craig A. Nemitz
Minooka, IL
Peter Pichler
Gurue, Zambézia, Mozambique
Caryn P. Thornburg
Tracy, CA
Juan B. Ledee Vargas, Jr.
San Juan, PR
Kevin D. Shanley
Arlington, VA
Mohamed A. Borhan
Cairo, Egypt
Madeleine Nawar
Washington, DC
Surbha Shrivastava
Urbana, IL
Carol J. Cotterill
Southampton, Hants, UK
Dr. Matthew S. Davis, Ph.D.
San Rafael, CA
James Ashmore
Albuquerque, NM
Marti Daum
Balch Springs, TX
Dr. Wafic T. Ayoub, Ph.D., PE
Overland Park, KS
Dr. Ayugi James Otieno
Nairobi, Kenya
Ricki Orford
Harare, Zimbabwe
Dominick Venuti
East Northport, NY
Sayyid Rifaat
Skopelos island, Greece
Dr. Robert K. Mpyoy
New York, NY
Robert Schrader
Tulsa, OK
Ahmed Ali Taib
Nairobi, Kenya
James D. Janos
Bridgeport, OH

CPT Monica Griffith
Lorida, FL
David Swirsky
Bayside, NY
Tamara Damron, RN, CEN
Welch, WV
Christopher M. Phillips, RN
Forest Hills, NY
Rob Missall
Jersey Village, TX
David Campbell
Englewood, CO
Marsha Fasullo
Terrytown, LA
Tim Hughes, KC5MRW
Beebe, AZ
Gene A. Bess, KC0IUO
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Aliso Viejo, CA
Grant Czerepak
Boulder, CO
Camille Dvorsky
Pittsburgh, PA
D.S. McAllister
Bath, NY
Rev. G. Gopal Rao
Guntur, A.P., India

Welcome to DERA! It is our sincere aim to help you attain your professional and personal goals.

Request for Proposals

The Center for Preparedness and Training, Inc. (CPTI), is seeking subcontractors willing to take on portions of projects involving highly sensitive business continuity support to a variety of governmental and corporate clients.

Subcontractors are subject to approval by both CPTI and client organizations.

Subcontractors must meet the following minimum qualifications:

- Minimum of ten (10) years experience in business continuity/disaster preparedness
- No current debarment from U.S. government contracts
- Existing staff capability to undertake business continuity research and on-site support
- 24-Hour response required

CPTI invites interested firms and independent contractors to respond with proposals including contract minimums, daily-monthly-weekly billing rates and other terms.

Call, email or write:

CPTI
P.O. Box 399
Eastlake, CO 80614

Email: train@preparedness-center.com
www.preparedness-center.com

Please use the membership form on the back page of this newsletter to recommend a friend or associate for membership in DERA.

Amateur Radio Operations

Would amateur radio members please give me your thoughts on a time that would best accommodate the establishment of a radio coordination net for our members throughout the world?

Several have proposed a weeknight at 0400Z to accommodate our North American members' schedules. Please email me at wa6uzp@juno.com with your suggestions.

During several recent emergencies, I was pleased to see a large number of our members follow the established DERA Emergency Communications Plan.

Simply put, that plan asks our amateur radio operators to join and take an active role in their local and state Amateur Radio Emergency Service (ARES) program, and to support established emergency communications services such as the Salvation Emergency Team Emergency Radio Network (SATERN) through membership and financial support.

In the event of communications emergency or impending disaster, members are asked to support ARES / SATERN efforts. During disasters, if contact with DERA headquarters or other DERA members is needed—or if members are not otherwise operating in support of ARES or SATERN—DERA stations are invited to contact a DERA Gateway station on 14.300 MHz. This frequency is home to various service nets, and depending on the time of day, different networks will be underway. All nets welcome DERA member station participation and will assist in any way with emergency traffic.

Contact the net control station (NCS) on frequency and state your business. During most times, one of the following nets will be in operation on the frequency: Maritime Mobile Service Network; U.S. Coast Guard Amateur Radio Net; International Assistance and Traffic Net.

Any station needing to contact DERA or a DERA Gateway station should list traffic for station N3DAK. All authorized DERA Gateway stations, regardless of their individual callsigns, will accept this traffic for immediate relay.

N3DAK is the club station callsign for DERA. Typically, the following stations act as Gateway stations: WD4CNZ (Southeast U.S.); K9BAL (Great Lakes); WA6UZP (Southwest); WØAIR Mobile. Additional stations interested in supporting our Gateway concept are welcome to contact me.

I am pleased to see that the DERA-WCARS emergency communications van is now operational and is available for training exercises as well as response to emergency situations.

Please give me for your thoughts on how DERA can better develop and use our disaster communication capabilities.

73,
Jim Lucas, WA6UZP

Many Waters Resource Network

By Catherine Lawhun, CEO

In March of 2000, I awakened with a vision. Having worked in the engineering profession for 20 years, I had seen the quality of engineering services enhanced through partnering the knowledge of a team of experts. Founded on the premise that quality in design comes from not one individual, but a team of individuals lending their unique expertise to a solution, Many Waters was born. As the idea grew, it became evident that the very same software that powered the system to build teams of engineers could also be used to build teams of volunteers for disaster response.

After a year spent designing software to run on-line databases where professionals' experience could be entered, stored, cataloged and queried, I began contacting disaster response officials. My goal was simply to get some direction to fine tune the software to integrate with the systems that they already had in place. I was shocked by the first response. Not only would they not help, they did not want to even discuss what I was trying to donate without charging me \$100/hr. That date was September 10th. The events of September 11, 2001, solidified my resolve to make Many Waters Resource Network available to emergency response teams.

Today, in the wake of our country's greatest tragedy I come to you and say: ***"Many Waters wants to offer your organization free assistance in building up your available human resource base for disaster response."***

Many Waters Resource Network, Inc. is a multi-faceted organization which provides service to the Engineering Profession, and Humanitarian Disaster Relief and Response.

The For Profit venture focuses on the Engineering Profession. It provides an interactive database used for matching project qualifications with relevant professional experience to build a project team

The Nonprofit Component utilizes the same systems and database and makes them available free of charge in a mirrored environment to match volunteers to needs of Disaster Relief and Response situations

This creates an automatic notification network for public use in time of natural or man-made disasters. Both components supply additional resources to facilitate building teams of qualified individuals to respond to either civil projects or disasters. Working together as an integrated team enhances awareness and enables all parties to achieve a higher levels of engineering excellence in the service of society and the world we live in.

How it works

We contact engineers and associated professionals directly. Our system categorizes information (data from standard forms 254/255 can be processed directly into the database). Data is verified. Web viewable profiles are generated for each individual. This profile is retrievable by other members on-line who are seeking candidates for partnering opportunities. Queries are run on upcoming project opportunities. Candidates with matching skills are notified automatically. Secure and private Team Collaboration sites are made available for managing the team via the internet from the field.

The very same software that has been developed to run this operation can be utilized for the

humanitarian efforts involved in forming disaster response teams and specialized personnel searches.

When initial contact is made with the engineering professional, they are asked if they would like to utilize their skills to assist in voluntary disaster relief response efforts. Many of them say "yes". If their response is positive but they do not move forward in placing membership, their resumes are forwarded, unprocessed, to affiliated organizations who may contact them to provide needed assistance or process them into their own database of disaster response volunteers.

If the engineering professional places membership with Many Waters, the for-profit venture incurs the costs of processing their resumes and verifying their credentials. Part of this processing involves the cataloging of skills pertinent to emergency operation, medical training, foreign language fluencies and any other skills that might be utilized in a disaster event or missions type project either national or international.

An organization can post a need for certain types of skills on the platform in much the same manner as a project is posted to the database. A toggle is available to the posting authority to indicate whether they will offer compensation or if the search is for voluntary subscribers or both. A query will be run of the database and all matching responses can be sent e-mail notification.

Emergency management officials and affiliated organizations will be offered passwords as a public service to assist them in obtaining adequate resources in times of natural or man-made disasters. Through our strategic alliance with Government Forms Software we are seeking to expand the capabilities of the system to be directly accessed by cell phone text messages. I believe this would be an essential component for Emergency managers operating in the field.

Summary and Invitation

We will build this database whether any organizations believe that they need it or not. I only hope that **you** will be the one who will see this article and let me know how I could further structure the software so that its ongoing development could best serve your response organization before the next tragedy calls us to double duty.

We invite Affiliation by any organization involved in Disaster Planning, Mitigation, Relief and Response. Please contact us for more information and to schedule a demonstration.

Catherine Lawhun, CEO
Many Waters Resource Network, Inc.
11445 Honey Jordan Point
Inglis, Florida 34449
(352) 447-5691 or (352) 256-4771
fax: (352) 447-4351

ccl@many-waters.com

www.many-waters.com

Job Announcements

NATO, The Hague, Netherlands

The North Atlantic Treaty Organization (NATO) is seeking international positions in the Information Systems Division. The Applications Evolution Branch has several openings for engineers and information systems specialists with university degrees in computer sciences or information systems and an in-depth knowledge of web technology. NATO offices offer a pleasant, challenging work environment in an international community, modern facilities, with well-equipped laboratories and access to the latest equipment.

NATO offers excellent tax-free salary, expatriation, household and children's allowances, excellent private health insurance, generous annual leave and a three-year contract that may be renewed by mutual consent.

NATO official languages are English and French. Excellent knowledge of one is required, and some knowledge of the other is desirable. Principal work in this post is conducted in English.

Candidates must be citizens of a NATO member country. Forward resumes in English or French, quoting reference number A4-ISD-1194 to:

Personnel Officer
NATO C3 Agency
P.O. Box 174
2501 CD The Hague
The Netherlands

Resumes may also be directed to the following Email address:

personnel@nc3a.nato.int

National Academy of Public Administration

Director, International Programs

The National Academy of Public Administration, an independent, nonpartisan organization chartered by Congress, seeks a highly motivated individual to head its international activities. Mandatory qualifications include a strong desire to accomplish useful goals internationally in public administration, particularly in developing countries; demonstrated record of accomplishment in complex organizational settings; substantial education and/or experience in public administration that demonstrates an understanding of public management at both a theoretical and applied level; and ability to communicate and build relationships with a broad range of stakeholders.

Desirable qualifications include experience managing international programs, experience in managing projects over-

seas, and experience in working in non-profit organizations.

Salary is commensurate with qualifications and experience. The position is open until filled. Mail, FAX, or email resume to:

Nat'l Academy of Public Administration
Suite 1090 East
1100 New York Avenue, NW
Washington, DC 20005
FAX: (202) 393-0993
Email: bcarr@napawash.org

Texas Animal Health Commission

Position: Laboratory Technician II
Position Number: 02-01
Salary \$1,537.00-\$1,637.00 Monthly
Location: Fort Worth, TX
Open until filled

Duties:

Perform routine tasks in handling and preparing laboratory specimens for testing. Pipette, centrifuge, sort, verify and correlate blood with paperwork. Maintain logs and filing systems. Perform preventive maintenance on lab equipment. Open and send mail, replenish stock levels, and disinfect work areas. Perform data entry and administrative support in office. Answer telephone, take messages, and provide routine information. Maintain various logs in accordance with established procedures. Assist in sorting and accurately verifying the correlation of specimens to test charts as needed.

Qualifications:

High school graduate or GED with experience in lab work. Two years of full time experience performing laboratory tests. One year (30 semester hours) of accredited college work in biological sciences may be substituted for each year of required experience. Ability to use a personal computer; work with others; follow written and oral directions; acquire skill in routine laboratory tasks and complete detail work in a fast-paced, open environment. General knowledge of elementary laboratory duties and apparatus operations. Ability to establish and maintain effective working relationships with staff and the public. Must have effective communication skills and customer service orientation. Ability to work a varying work schedule which may include some time on Saturdays/occasional overtime. Must have or be able to obtain a valid Texas Driver's License. Excellent benefits package.

Send application to:

Texas Animal Health Commission
Human Resources Department
P. O. Box 12966
Austin, Texas 78711-2966

Obtain application forms from:

www.taahc.state.tx.us

Centura Health Support Services

Centura Support Services, located in the Denver, Colorado Metro area, has state-wide operational facilities with frequent openings for professionals. Currently, Centura seeks professionals with leading edge business and technology skills to support the organization's diverse finance, general business, IT and insurance needs. Applicants are sought in the following areas:

Finance Executive
Pension Management
Compensation Analyst
Telecommunications
Web Content Administrator

View Centura Health Services job listings on: IGOCareers.com or email:

Tracytowns@centura.org.

Job announcements are posted as soon as DERA receives them at :

Emergency Management Gold !

To get directly to the site, go to

www.disasters.org/dera

Select "EM Gold!" from the left menu.

Publications Available

DERA issued Special Publication #20, **Introduction to NBC Terrorism: Primer and Preparedness Guide** in mid-October, and members should already have received a copy. There is no charge for DERA members needing additional copies, just email or write with your requirements. The publication is also available through the DERA Library at our website:

www.disasters.org/dera

Special thanks to Dr. Robert J. Heyer, for authoring this excellent reference booklet, to Dennis I. O'Quinn, P.E., for technical editing, and to the staff at QPS, Loveland, Colorado for emergency service on pre-press and printing.

The report is available to nonmembers for \$1.50 per copy to cover printing and mailing.

DERA Special Publication #19, **The Planner's Triangle**, by David Crews is still available in limited quantities. While available, reasonable quantities are free to DERA members; \$1.50 per copy to others.

Emergency Response Guidebook. A few copies are still available for DERA members only, free of charge. Limit one per member, please.

**See Page 1 for DERA addresses:
Email, FAX and Postal Mail are listed.**

