

ARRL

American Radio Relay League

Amateur Radio Emergency Services

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Montgomery County ARES/RACES (MCAR)

Wednesday 11 October 2017

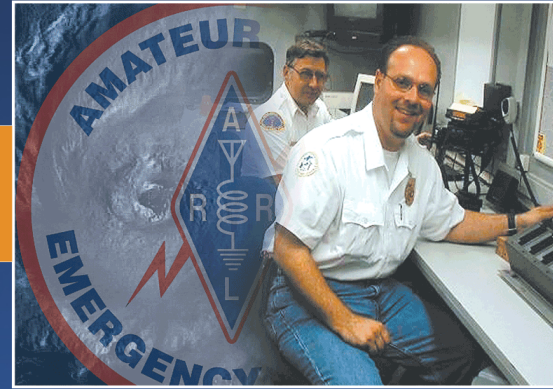
Phil-Mont Mobile Radio Club



Originally Developed by Ken Bailey,
K1FUG

ARRL Emergency Preparedness Assistant

Public Service



- Emergency Communications
- Training
- Radio Clubs
- Instructors and Examiners
- ARRL Field Organization



97.1 (a)

Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communications service, particularly with respect to providing **emergency communications**.





ARES®

ARES® (Amateur Radio Emergency Service®) is a program of the ARRL

Established in 1935

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ARRL
The National Association
of Amateur Radio Operators

ARES



- Consists of about 35,000 licensed amateurs
- Voluntarily registered their qualifications and equipment for communications duty in the public service when disaster strikes





Who is eligible to join ARES

- Every licensed amateur, regardless of membership in ARRL or any other local or national organization, is eligible to apply for membership in ARES.
- Willingness to serve
- Training may be required or desired to participate fully in ARES.





What does ARES do?

- Provides supplemental, backup communications to public service and disaster relief agencies when normal means of communications are overloaded or unavailable
- Provides communications for planned public service events throughout the year



ARES has Deployed For A Variety Of Emergencies And Disasters

Ice Storms In Southwest December 2000
Tornado In Alabama December 2000
Avalanche In Alaska March 2000
Fires In Los Alamos, New Mexico May 2000
Hurricane Floyd September 1999

Tornadoes In Oklahoma And Kansas May 1999
Colombian Earthquake January 1999
Tornadoes In Arkansas And Tennessee January 1999
Hurricane Mitch In Central America November 1998
Flooding In Texas October 1998

Hurricane Georges September 1998
Tornadoes In Florida February 1998
"500-year Flood," Grand Forks, N.D./ East Grand
Forks, Minn. April 1997
Western U.S. Floods January 1997

Hurricane Fran September 1996
TWA Plane Crash July 1996
Oklahoma City Bombing April 1995

Hurricanes Katrina And Rita 2005
Tsunami Indian Ocean December 2004
Hurricanes Charlie, Frances, Ivan, Jeanne In Florida 2004
Severe Weather In Virginia May 2004
Tornadoes In Illinois April 2004

Amtrak Train Accident In Mississippi April 2004
Earthquake In Central California December 2003
Hurricane Isabel September 2003
Northeast Blackout August 2003
Midwest Tornadoes May 2003

Shuttle Columbia Recovery Effort February 2003
Wildfires In Colorado June 2002
Tornado In Maryland April 2002
Flooding In Kentucky March 2002
September 11th Terrorist Attacks 2001

Flooding In Texas / Louisiana (Storm Allison) June 2001
Earthquake In India January 2001
Earthquake In El Salvador January 2001



MCAR Local Activities

- Bi-annual Limerick Power Station Drills
- Two Limerick Activations
- Pontiff Visit
- Super Storm Sandy
- “Race For The Cure” events



Local Level (County)

- The local level is where most emergencies occur
- The local level where most of the real emergency organizing gets accomplished
- The local level is where ARES leaders make direct contact with the ARES members/volunteers and with officials of the agencies to be served





Local Level (County)

- At the local level, the key ARES leader is the Emergency Coordinator (EC)
- The EC is appointed by the SM, usually on the recommendation of the SEC
- The EC is responsible for organizing, coordinating and executing ARES activities in their area





Membership and Appointment Requirements for ARES Members

ARES members

- Amateur Radio License of any class
- Need not be an ARRL member
- Must be registered with the local ARES organization
- Must be willing to participate in ARES activities



Activities



- Meetings
- Training sessions
- Drills
- Exercises
- Public Service events
- Actual disasters



The field of emergency response, including communications support, is rapidly changing. In the years following Hurricane Katrina, more communications systems are becoming “hardened” and there is more guidance and structure being given from the Department of Homeland Security (DHS) and the Federal Emergency Management Agency (FEMA)



www.nationalcommunications.gov



How to Join ARES

Contact your EC - Go to the ARES web site for information on your sections' EC and ARES Program

<http://www.aa3e.org>

Submit per instructions

Criminal Background Check Required (paid by county)



**Amateur Radio Emergency Service (ARES)
Non Governmental**

**Radio Amateur Civil Emergency Service (RACES)
(Part of Auxiliary Communications Services)**

ARRL SPONSORED

COUNTY GOVERNMENT SPONSORED

ACTIVATED BEFORE, DURING, AND AFTER
EMERGENCY

ACTIVATED DURING EMERGENCY

REGISTER WITH LOCAL EMERGENCY
COORDINATOR

DULY ENROLLED CIVIL DEFENSE VOLUNTEERS

LEADERSHIP IS COUNTY EMERGENCY
COORDINATOR (EC)

LEADERSHIP IS COUNTY AUXILIARY
COMMUNICATIONS OFFICER (ACS)

SELF FUNDED

GOVERNMENT FUNDED

TRAINING MIRRORS THAT OF RACES
REQUIREMENTS

TRAINING REQUIRED
4 ICS SELF STUDY COURSES

Contact Information

- MCAR Web Site <http://www.aa3e.org>
- Thomas E. Nolan Emergency Coordinator
 - w3ex@arrl.net
- Richard Stewart District Emergency Coordinator
 - k3ith@arrl.net

Questions

