

DuPage County Amateur Radio Emergency Service (ARES) ®

Emergency Operations Plan



Revision 2.2
Issued April 1, 2012

The DuPage County Amateur Radio Emergency Service (ARES) ® consists of licensed amateurs who have voluntarily registered their qualifications and equipment for communications duty in the public interest when disaster strikes. Every licensed amateur, regardless of membership in the American Radio Relay League (ARRL) or any other local or national organization, is eligible for membership in the DuPage County Amateur Radio Emergency Service (ARES). The only qualification, other than possession of a valid Amateur Radio license, is a sincere desire to serve. Because the DuPage County Amateur Radio Emergency Service (ARES) is an amateur service, only licensed amateurs are eligible for membership. The possession of emergency-powered equipment is desirable, but is not a requirement for membership.

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Revision 2.2 was issued on April 1, 2012.**

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This document will be reviewed at least annually and revised as needed. Updates will be released on the DuPage County Amateur Radio Emergency Service (ARES) ® website at www.dupageares.org.



DuPage County Amateur Radio Emergency Service (ARES)

Emergency Operations Plan

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Mission Statement

It is the mission of the DuPage County Amateur Radio Emergency Service (ARES), hereafter referred to as the DuPage County ARES, to serve as a key coordinating point for all amateur radio operators located in DuPage County in the event of communications emergency.

Goals

The goals of the DuPage County ARES are:

- To establish close cooperative relationships with relevant organizations and agencies in DuPage and adjoining counties.
- To be recognized as the primary coordinating agency for all amateur radio operators in DuPage County in the event of a communications emergency.

- To be the recognized "go-to" agency for community organizations needing communications support for events and activities of general benefit to the community.
- To be recognized by emergency services agencies and the amateur community alike as a model of competence and professionalism in network operations.
- To foster the development of skills and capabilities that will keep the organization and its members abreast of new technologies to help support the communication needs of served agencies.
- To use the resources of the team and our involvement in community activities to foster awareness of the need for preparedness in the community at large.

Preface

Located just twenty (20) miles west of Chicago, DuPage County has been one of the most dynamic growth centers in northeastern Illinois. DuPage County is comprised of nine (9) townships. The county also contains portions of thirty-nine (39) different municipalities.

Prior to the 1970's, DuPage County consisted mainly of bedroom communities, whereby residents primarily worked in the City of Chicago and lived in the newly developing suburban areas. However, ongoing investments in substantial roadway, utility infrastructure, and other public improvements transformed the county into a major population as well as employment center within the Chicago region. Beginning in the 1980's and continuing to the present, DuPage County is among the fastest growing counties in the nation.

At the beginning of the twenty-first century, the county is both a residential and an economic center. The county continues to offer the benefits of urbanized living, high quality educational systems, extensive recreational resources and a safe, attractive environment.

DuPage County consists of nine (9) townships: Wayne, Bloomingdale, Addison, Winfield, Milton, York, Naperville, Lisle and Downers Grove.

See Annex 1 – DuPage County Map.

See Annex 2 – DuPage County Township Maps.

Background

Amateur radio operators internationally are allocated a wide and valuable portion of the radio spectrum for experimentation and public service. The use of this spectrum in the United States is

regulated by the Federal Communications Commission (FCC). Amateur radio has a long history of public service in natural and man-made disasters. Unlike most radio services, amateur radio operators have thousands of frequencies open to them and a wide variety of communication modes and methods to use them. This flexibility can and has proven to be indispensable in a communications emergency. Their technical qualifications and strict operating standards complement this flexibility.

An emergency is defined as a situation or an impending situation that by its nature or magnitude, affects the health, safety, welfare and property of a community, and requires a controlled and coordinated response. More specifically, a communications emergency is defined as a critical communication system failure that puts the public at risk.

The Amateur Radio Emergency Service (ARES) is part of the Field Services Organization of the American Radio Relay League (ARRL). ARRL members represent a large portion of the more than six hundred thousand amateur radio operators in the United States.

The DuPage County ARES can supply emergency communication services where no established communication links exist or supplement the existing infrastructure if overloaded or disabled.

Amateur radio communication networks may be organized to accommodate needs such as:

- Back-up or supplemental communications where a public safety radio system, cellular or telephone service may be lost, out of range, or overloaded.
- A direct link with the National Weather Service (NWS) during severe weather spotting activities.
- Observations of local conditions (weather, traffic, etc) relayed back to public officials.
- A communications network at the outer perimeter of an affected or evacuated area during a disaster.
- Safety communications during public service events.

Introduction

The DuPage County ARES is sponsored by, and is an integral part of, the American Radio Relay League (ARRL). All DuPage County ARES leadership officials and members are expected to abide by the rules and procedures set forth by the American Radio Relay League (ARRL).

This emergency operations plan is intended to provide the basis and framework upon which the DuPage County ARES may support its missions. While some of the American Radio Relay

League's (ARRL) rules are specific in nature, and should always be followed, it is the intent of this emergency operations plan to take the diversity of DuPage County into account and, therefore, provide the maximum flexibility possible to served agencies within the county.

Under Federal regulations, amateur radio public service communications are furnished without compensation. The Federal Communications Commission (FCC) in 47 CFR 97.1(a), FCC Rules and Regulations, has given the amateur radio service a fundamental purpose, including "Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications." The DuPage County ARES is comprised of FCC-licensed amateur radio operators who have voluntarily registered their capabilities and equipment for public service communications duty. For most DuPage County ARES members, ARRL membership is not required, rather it is recommended. The DuPage County ARES Emergency Coordinator (EC), however, is required to maintain membership in the American Radio Relay League (ARRL).

Other than their amateur radio license, the only requirement for membership in the DuPage ARES is the sincere desire to serve the public interest during emergency situations.

It is essential to the mission of the DuPage County ARES that only fully qualified amateur radio operators are placed in tactical and sensitive positions in the field. To that end, the DuPage County ARES recommends goals for minimum training for all of its members. These recommendations include the Amateur Radio Relay League's (ARRL) Amateur Radio Emergency Communications Course (ARECC) continuing education courses.

See Annex 3 – DuPage County ARES Recommended Minimum Training Goals.

Operation under the Incident Command System (ICS) and the National Incident Command System (NIMS) under the National Response Framework (NRF) is the recognized and accepted standard for the DuPage County ARES when working with local, state and federal emergency managers and with other served agencies. The DuPage County ARES recommends as a goal that the Federal Emergency Management Agency's (FEMA) National Incident Management System (NIMS) and National Response Framework (NRF) continuing education courses be completed by its members as part of the aforementioned minimum training goals.

Purpose

The purpose of this emergency operations plan is to provide a written guide containing the minimum information that would be needed by the members of the DuPage ARES in a local communications emergency. Each emergency is different and maximum flexibility to provide an adequate emergency communications response must be maintained.

In the event of a wide spread communications emergency which results in the intervention of the Illinois Section of the American Radio Relay League (ARRL), the Illinois Section Emergency

Communications Plan shall take precedence and will be followed by the DuPage County ARES where possible. In the event of any real or perceived conflict, guidance from the DuPage County Emergency Coordinator (EC) should be sought.

The primary responsibility of the DuPage County ARES is to furnish emergency communications in the event of a natural or manmade disaster, emergency or drill, when regular communication systems fail, are inadequate, or are non-existent, or when it is deemed that the safety of the general public or other emergency responders may be enhanced by amateur radio operations.

To accomplish its stated mission, the DuPage County Amateur ARES will continually engage in appropriate continuing education, training, drills and public service events to ensure its constant capability of providing timely and effective amateur radio emergency communications.

Organization

All Amateur Radio Emergency Services (ARES) teams in the State of Illinois, including the DuPage County ARES, function under a well established and clearly defined field organization of the American Radio Relay League (ARRL).

The Illinois Section Manager (SM), being duly elected by the majority of American Radio Relay League (ARRL) members in the state, is recognized as the ultimate authority in all American Radio Relay League (ARRL), Amateur Radio Emergency Service (ARES) or National Traffic System (NTS) matters within the state. The American Radio Relay League (ARRL) and the Illinois Section Manager (SM) support the Amateur Radio Emergency Service (ARES) within the Illinois Section to help provide emergency communications to all served agencies within the Illinois Section.

The Illinois Section Manager (SM) has appointed an Illinois Section Emergency Coordinator (SEC), who is responsible for organizing the Amateur Radio Emergency Service (ARES) within the State of Illinois, in accordance with the American Radio Relay League's (ARRL) Public Service Communications Manual and the American Radio Relay League's (ARRL) Emergency Coordinators Manual.

See Annex 4 – ARRL Illinois Section Leadership Roster.

The Illinois Section Manager (SM), under the advisement of the Illinois Section Emergency Coordinator (SEC), has appointed District Emergency Coordinators (DEC) and county level Emergency Coordinators (EC) including here in DuPage County. District Emergency coordinators forward to the Illinois Section Emergency Coordinator their recommendations for the position of Emergency Coordinator for each county within their district having enough interest and participation to support the Amateur Radio Emergency Service (ARES).

See Annex 5 – ARRL Illinois Section ARES Districts.

Emergency Coordinators (EC) appoint Assistant Emergency Coordinators (AEC) as necessary. Assistant Emergency Coordinators (AEC) are not an official ARRL Field Organization appointment and, therefore, do not require approval by the Illinois Section Emergency Coordinator (SEC) or the Illinois Section Manager (SM).

See Annex 6 – Team Leadership Roster.

The Illinois Section Emergency Coordinator (SEC) and all District Emergency Coordinators (DEC) and Emergency Coordinators (EC) within the State of Illinois serve at the discretion of the Illinois Section Manager (SM), and as such, may be promoted or dismissed at any time. Their terms run concurrent with that of the Illinois Section Manager (SM), a two-year term starting the first of April on even years.

The Illinois Section Emergency Coordinator (SEC), the District Emergency Coordinator (DEC) or an Emergency Coordinator (EC) may recommend the appointment of an Official Emergency Station (OES) within their jurisdiction as needed to ensure that amateur radio emergency communications remain available within the State of Illinois at all times.

The duties for each of these positions are defined in the American Radio Relay League's (ARRL) Emergency Coordinator's Manual.

In each county, a primary responsibility of the Emergency Coordinator (EC) is to insure that there is a written Amateur Radio Emergency service (ARES) emergency operations plan for their respective county.

Emergency Coordinators (EC) provide copies of these emergency operations plans to all active Amateur Radio Emergency Service (ARES) members in their county, and provide copies, and any subsequent updates, to their District Emergency Coordinator (DEC), Illinois Section Emergency Coordinator (SEC) and Illinois Section Manager (SM).

It is assumed that most emergencies and disasters occur at the local level. Taking the diversity of DuPage County into account, it is believed that those at the local level know most of the served agency contacts and are better informed and equipped to make decisions on how things should be run at the county level. DuPage Country ARES members are encouraged to identify key policy decision makers in potential served agencies within their county and to cultivate good working relationships with them. This will allow the members to advise the DuPage County Emergency Coordinator (EC) in the event of a local communications emergency and to facilitate dialogue with local served agencies.

In order to maintain continuity throughout the state, the Illinois Section Emergency Coordinator (SEC) together with the Illinois Section Manager (SM) may recommend changes to local plans; however, the local Emergency Coordinator (EC) is generally given the maximum latitude possible in making their emergency operations plan functional.

The DuPage County ARES is a volunteer service and its members are under no obligation to

participate and, as such, there is no guaranteed response level. Members are asked to provide assistance based on their interests, abilities, and personal and/or family commitments.

Should a disaster occur, many of the DuPage County ARES members themselves may be victims and they must ensure the safety of their loved ones and their own property. The Emergency Coordinator (EC) and the Assistant Emergency Coordinators (AEC) will endeavor to the best of their ability to fulfill the needs of agencies served under this emergency operations plan.

The obligation of DuPage County ARES members is to themselves and their family first, their community second and the mission of the DuPage County ARES last. Once a member of the DuPage County ARES has accepted a mission; however, they are expected to meet the needs of such an obligation to the best of their abilities.

In any group, there is the possibility of personality conflicts. The Emergency Coordinator (EC), or the Assistant Emergency Coordinators (AEC), shall decide how assignments are made and who shall fill required assignments. The members of the DuPage County ARES are all in this together and it is anticipated that any such disagreements can be solved by discussion and a willingness to be remain open-minded.

The DuPage County ARES, then, operates under the principles of this emergency operations plan, its annexes and/or its referenced publications and documents under the direction of the Emergency Coordinator (EC) and the Assistant Emergency Coordinators (AEC).

Served Agencies

A “served agency” is an organization that is provided communications support by the DuPage County ARES preferably under the terms of a formal written agreement known as a Memorandum of Understanding (MOU) or Statement of Affiliation (SOA), although often exceptional circumstances may dictate temporary operations under only verbal agreements.

Through such Memorandums of Understanding (MOU) and Statements of Understanding (SO) maintained by the American Radio Relay League (ARRL) nationally, these served agencies include, but are not limited to:

- American Red Cross (ARC) Disaster Services through its national organization and local chapters.
- Salvation Army through its Salvation Army Team Emergency Radio Network (SATERN).
- National Weather Service (NWS) through its local weather forecasting offices.

- Department of Homeland Security (DHS) through the Federal Emergency Management Agency (FEMA) and its other governmental units and/or sponsored organizations.

See Annex 7 – ARRL Standing Memorandums of Understanding.

The DuPage County ARES may also be called upon by state government agencies and these served agencies may include, but are not limited to:

- Illinois Emergency Management Agency (IEMA) through its regional coordinators.
- Illinois Department of Public Health (IDPH) through local and regional hospitals.
- Illinois State Police (ISP) through its regional districts.
- Illinois Medical Emergency Response Team (IMERT) through its district emergency coordinators.

The DuPage County ARES may also be called upon by county government agencies and these served agencies may include, but are not limited to:

- Sheriff's department.
- Homeland security agencies.
- Emergency management agencies.
- Emergency service and disaster agencies.

The DuPage County ARES may also be called upon by local government agencies and these served agencies may include, but are not limited to:

- Fire departments.
- Police departments.
- Hospitals.
- Public service groups.
- Emergency management agencies.
- Emergency service and disaster agencies.

The DuPage County ARES may also be called upon by local community service groups and these served agencies may include, but are not limited to:

- Illinois Volunteer Organizations Active in Disaster (VOAD) through its district emergency coordinators.
- Community service organizations.
- Public service groups.
- School groups.
- Faith based organizations.
- Other volunteer organizations.

The DuPage County ARES members may support served agency's needs using their own amateur radio equipment and radio spectrum, or they may supplement served agency personnel using the served agency's own equipment and procedures. In the latter case, the necessary training and operational guidance will be solicited from and provided by the served agency.

The DuPage County ARES will continually strive to work with community service organizations during community activities as such activities provide amateur radio operators excellent opportunities to polish their skills and test their equipment under a variety of conditions, so that in the event of an actual emergency the members will know each other and will have confidence in their equipment, operating skills, and each other. This is also the best opportunity for DuPage County ARES members to demonstrate their expertise where they can be seen and judged by key decision makers of served agencies within the community. Positive observations by such decision makers will establish the trust of their respective served agencies in the capabilities and mission of the DuPage County ARES.

Emergency Operations Plan Activation

The DuPage County ARES and this emergency operations plan may be activated by the American Radio Relay League (ARRL) through its headquarters in Newington, Connecticut through its amateur radio station operating as W1AW. Notifications of required activations may be made through official bulletins and/or messages from this station. DuPage County Amateur ARES members are encourage to monitor W1AW for emergency communications and related bulletins pursuant to the station's published schedule.

The DuPage County ARES may also be activated by the Illinois Section Manager (SM), the

Illinois Section Emergency Coordinator (SEC) or the District Emergency Coordinator (DEC).

DuPage County ARES members are encouraged to monitor the Illinois Section ARES HF Emergency Net on the primary and secondary frequencies.

In addition, the state wide Amateur Radio Emergency Service (ARES) packet frequency and the national Automatic Packet Reporting System (APRS) frequency should also be monitored for state or wide area bulletins on the primary frequency.

See Annex 8 – DuPage County ARES Frequency Plan.

The DuPage County ARES may also be activated by the Emergency Coordinator (EC) or the Assistant Emergency Coordinators (AEC). This includes activations as the result of an appropriate request from a served agency. Notification is to be made through the most timely and practical method.

Lastly, any DuPage County ARES member who becomes aware that a communications emergency exists or who interacts with a served agency, should immediately contact the DuPage County ARES Emergency Coordinator (EC) who is always the default designated Duty Officer (DO). Notification is to be made through the most timely and practical method.

Under no circumstances will any member of the DuPage County ARES self deploy to the scene of any emergency as a member of DuPage County ARES without prior authorization. Any action taken without such prior authorization, while laudable, is taken as a private individual.

In the absence the of DuPage County ARES Emergency Coordinator (EC), the DuPage County ARES Assistant Emergency Coordinator (AEC) – Operations will automatically serve as the DuPage County ARES designated Duty Officer (DO) during the period of absence. In the absence of both, an alternative DuPage County ARES designated Duty Officer (DO) will be assigned and notification to all members of the DuPage County ARES of that assignment will be made by the most timely and practical method.

Such timely and practical methods include:

- Notification on the DuPage County ARES website.
- Direct telephone notification.
- Direct electronic mail notification.

Individual members of the DuPage County ARES will also be notified of the activation of this emergency operations plan by the most timely and practical method.

See Annex 9 – DuPage County ARES Team Membership Roster.

Such timely and practical methods include:

- DuPage County ARES One Call Now automated telephone tree system.
- DuPage County ARES automated electronic mail list server system.
- Manual individual telephone notification.
- Manual individual electronic mail notification.

Upon activation of this emergency operations plan, the DuPage County ARES Emergency Coordinator (EC), the DuPage County ARES Assistant Emergency Coordinator – Operations or the DuPage County ARES designated Duty Officer (DO) will document the name, title and served agency requesting the activation. Thereafter, a continuous documentation of any and all activities associated with the activation of this emergency operations plan will be accomplished.

Mobilization

Upon activation of this emergency operations plan, and during the notification of the individual members of the DuPage County ARES, a staging location will be designated as determined by the DuPage County ARES Emergency Coordinator (EC), the DuPage County ARES Assistant Emergency Coordinator (AEC) – Operations or the DuPage County ARES designated Duty Officer (DO). Each member of the DuPage County ARES who is able to respond will do so to the identified staging area.

See Annex 10 – DuPage County ARES Primary Staging Locations.

See Annex 11 – DuPage County ARES 24 Hour Go-Kit Suggestions.

See Annex 12 – DuPage County ARES 72 Hour Go-Kit Suggestions.

Besides the primary staging locations, other staging locations may be designated by the DuPage County ARES Emergency Coordinator (EC), the DuPage County ARES Assistant Emergency Coordinator (AEC) – Operations or the DuPage County ARES designated Duty Officer (DO).

See Annex 13 – DuPage County Emergency Management.

See Annex 14 – DuPage County Police Department Headquarters.

See Annex 15 – DuPage County Fire Department Headquarters.

See Annex 16 – DuPage County Hospitals.

See Annex 17 – IDPH Hospital Disaster Plan.

See Annex 18 – DuPage County Public Health Centers.

See Annex 19 – DuPage County School Directory.

See Annex 20 – DuPage County Airports/Heliports.

See Annex 21 – DuPage County City Government Facilities.

See Annex 22 – DuPage County Library Facilities.

See Annex 23 – DuPage County Post Office Facilities.

See Annex 24 – DuPage County Parks/Forest Preserve Facilities.

See Annex 25 – DuPage County Metra Stations.

Emergency Net

Upon activation of this emergency operations plan, one or more DuPage County ARES Emergency Net (s) will be activated and a DuPage County ARES Emergency Net Control Station (NCS) will be assigned to each net by the DuPage County ARES Emergency Coordinator (EC), DuPage County ARES Assistant Emergency Coordinator (AEC) or the DuPage County ARES designated Duty Officer (DO). The DuPage County ARES Emergency Net (s) will utilize the DuPage County ARES call sign of NC9WX – November Charlie Niner Whiskey X-Ray.

See Annex 26 – DuPage County ARES Emergency Net Script.

See Annex 27 – ARRL Principles of Repeater Operation.

See Annex 28 – ARRL Principles of Disaster Communications.

See Annex 29 – ITU Phonetic Alphabet.

The establishment of the DuPage County ARES Emergency Net and the DuPage County ARES Emergency Net Control Station (NCS) will be in accordance with this emergency operations plan.

The on-air activation and operation of the DuPage County ARES Emergency Net will follow the established procedures as set forth in the Emergency Net Control Script. The DuPage County ARES Emergency Net Control Station (NCS) will also designate a backup frequency (ies) and a backup Emergency Net Control Station (NCS). A separate logging station may also be designated.

The activation and subsequent operation of the DuPage County ARES Emergency Net will be carefully documented by the DuPage County ARES Emergency Net Control Station (NCS) and/or an appointed logging station.

After initial establishment of the DuPage County ARES Emergency Net, the DuPage County ARES Net Control Station (NCS) will periodically announce that the emergency net is in progress, state the nature of the communications emergency, and announce the designated backup frequency (ies) and backup Emergency Net Control Station (NCS) and solicit appropriate check-ins.

Members of the DuPage County ARES will check into the DuPage County ARES Emergency Net from their current location, whether it be their home, mobile or portable amateur radio station and then stand by and maintain radio silence until advised otherwise by the DuPage County ARES Net Control Station (NCS).

Those members of the DuPage County ARES determined to be operating from mobile or portable amateur radio stations may be directed to a designated staging location.

Tactical call signs can be defined as any unconventional call sign whose purpose is to shorten or clarify emergency communications between stations. Tactical call signs, when deemed necessary or appropriate, will be assigned by the DuPage County ARES Emergency Net Control Station (NCS).

Whenever tactical call signs are being utilized, compliance with applicable Federal Communications Commission (FCC) rules and regulations is encouraged by including the station's conventional call sign:

- Every ten (10) minutes.
- At the end of a series of topic related transmissions.
- At the end of an unanswered call.
- When closing down a station.

All members of the DuPage County ARES will utilize the most efficient and appropriate communication pathway available to insure that all emergency communications are properly sent and received. This may result in the use of a communication pathway other than amateur radio.

During any activation of the DuPage County ARES, the actions of the members will be in accordance with the provisions of this emergency operations plan, the Federal Communications Commission (FCC) rules and regulations, the American Radio Relay League's (ARRL) Public Service Communications Manual and the American Radio Relay League's (ARRL) Field Resources Manual.

Emergency Net Message Traffic

All DuPage County ARES Emergency Net message traffic will be passed utilizing either formal message formats or non-formal or tactical formats. The designated DuPage County ARES Emergency Net Control Station (NCS) will provide guidance as to the desired or appropriate format.

Formal emergency net messages will utilize the form and format requested by the served agency. In the absence of such a specific request, formal emergency net messages will be written in the standard American Radio Relay League (ARRL) format as amended by the DuPage County ARES when deemed necessary or appropriate.

Precedence will be assigned to all formal emergency net messages in accordance with American Radio Relay League (ARRL) definitions. All formal emergency net messages, especially those involving assignment or reassignment of resources, will include the name, title, served agency and location of the individual who requested that the message be passed.

Archival copies of each formal emergency net message passed will be maintained. Such archival copies are not to be construed as a substitute for the DuPage County ARES Emergency Net Control Station (NCS) station log.

Non-formal or tactical emergency net messages are those which do not require a written transcript or record. As such, the DuPage County ARES Emergency Net Control Station (NCS) station log will serve as the sole documentation for such messages.

See Annex 30 – ARRL Radiogram.

See Annex 31 – DuPage County ARES ICS-213.

Emergency Operations Plan Deactivation

The DuPage County ARES and this emergency operations plan may be deactivated only when such termination is requested by the served agency and approved by the DuPage County ARES Emergency Coordinator (EC), the DuPage County ARES Assistant Emergency Coordinator (AEC) – Operations or the DuPage County ARES designated Duty Officer (DO).

Upon such approval, the DuPage County ARES Emergency Net Control Station (NCS) will account for and log out all remaining members of the DuPage County ARES. The DuPage County ARES Emergency Net will be closed only after all DuPage County ARES members have been accounted for. Discrepancies will be immediately reported to the DuPage County ARES Emergency Coordinator (EC).

Post Deactivation Critique

Following the deactivation of the DuPage County ARES for an actual communications emergency, the DuPage ARES Emergency Coordinator (EC) will conduct a critique to review the activities associated with the communications emergency. The critique will be conducted in a timely manner to insure its effectiveness and the results will be shared with the DuPage County ARES members and the appropriate served agency.

Severe Weather Spotting Activation

The DuPage Amateur Radio Club (DARC) is an American Radio Relay League's (ARRL) Special Service Club that was chartered in 1948. The club is a diverse group of radio amateurs from all walks of life, all ages, and with different interests in the hobby of amateur radio. One such specialized interest shared by its members is the National Weather Service's SKYWARN program through its DuPage Amateur Radio Club (DARC) Severe Weather Net.

The DuPage County Amateur Radio Emergency Service (ARES) supports the DuPage Amateur Radio Club's (DARC) Severe Weather Net as established and implemented in DuPage County.

See Annex 32 – DuPage County ARES MOU With DARC Severe Weather Net.

See Annex 33 – DARC SKYWARN Standard Operating Procedures and Reference.

See Annex 34 – NWS Chicago Severe Weather Liaison Repeater Template.

See Annex 35 – NWS Chicago Forecast Office SKYWARN Network.

See Annex 36 – DuPage County Aviation On-Line Automated Weather.

See Annex 37 – National Weather Service Basic Spotters' Field Guide.

See Annex 38 – National Weather Service Weather Spotter's Field Guide.

See Annex 39 – National Weather Service Advanced Spotters' Field Guide.

Public Service Event Activation

The integration of amateur radio communications into public service events of a non-emergency nature has been and remains one of amateur radio's most visible activities within local communities. Aside from their public relations value, public service events provide an excellent opportunity to implement and practice emergency communications plans and improve related

operating skills. Public service events also provide the opportunity to test the readiness and effectiveness of deployed amateur radio equipment.

Whenever the DuPage County Amateur Radio Emergency Service (ARES) provides amateur radio communications at public service events, then, the deployment will be viewed as such a training activity.

References

The following publications are referenced here and should be considered a part of this emergency operations plan as if fully included herein:

- Federal Communications Commission (FCC) rules and regulations.
- American Radio Relay League's (ARRL) Public Service Communications Manual.
- American Radio Relay League's (ARRL) Amateur Radio Emergency Service (ARES) Field Resources Manual.
- American Radio Relay League's (ARRL) Emergency Coordinator's Manual.

See Annex 40 – ARRL Public Service Communications Manual.

See Annex 41 – ARRL ARES Field Resources Manual.

See Annex 42 – ARRL Emergency Coordinator's Manual.

Distribution

Complete copies of this emergency operations plan and attachments will be distributed to the following:

- Members of the DuPage County ARES.
- Amateur Radio Emergency Service (ARES) District Emergency Coordinator (DEC).
- Illinois Section Emergency Coordinator (SEC).
- Illinois Section Manager (SM).

Review and Revisions

This DuPage County ARES Emergency Operations Plan will be reviewed at least annually by the DuPage County ARES Emergency Coordinator (EC) to ensure that it effectively addresses and facilitates the mission of the DuPage County ARES.



DuPage County Amateur Radio Emergency Service (ARES)

Emergency Operations Plan

Annex 1

DuPage County Map



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DuPage County Township Maps



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DuPage County ARES Recommended Minimum Training Goals



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ARRL Illinois Section Leadership Roster



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ARRL Illinois Section ARES Districts



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DuPage County ARES Team Leadership Roster



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ARRL Standing Memorandums of Understanding



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DuPage County ARES Frequency Plan



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DuPage County ARES Team Membership Roster



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DuPage County ARES Primary Staging Locations



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DuPage County ARES 24 Hour Deployment Go-Kit Suggestions



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DuPage County ARES 72 Hour Deployment Go-Kit Suggestions



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DuPage County Emergency Management



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DuPage County Police Department Headquarters



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DuPage County Fire Department Headquarters



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DuPage County Hospitals



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IDPH Hospital Disaster Plan



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DuPage County Public Health Centers



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DuPage County School Directory



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DuPage County Airports/Heliports



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DuPage County City Government Facilities



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DuPage County Library Facilities



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DuPage County Post Office Facilities



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DuPage County Parks/Forest Preserve Facilities



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DuPage County ARES Emergency Net Script



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ARRL Principles of Repeater Operation



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ARRL Principles of Disaster Communications



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ITU Phonetic Alphabet



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ARRL Radiogram



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DuPage County ARES ICS-213



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**DuPage County ARES Memorandum of Understanding
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DARC SKYWARN Standard Operating Procedures and Reference



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NWS Chicago Severe Weather Liaison Repeater Template



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NWS Chicago Forecast Office SKYWARN Network



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DuPage County Aviation On-Line Automated Weather



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National Weather Service Basic Spotters' Guide



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National Weather Service Weather Spotter's Guide



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National Weather Service Advanced Spotters' Guide



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ARRL Public Service Communications Manual



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ARRL ARES Field Resources Manual



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ARRL Emergency Coordinator's Manual