

While the National Emergency Response Planning Committee in their report to the ARRL Board of Directors on January, 2007, developed the twenty recommendations listed below as Appendix 1, it is suggested by the Delta Division leadership that the Emergency Communications Advisory Committee set the following five items as its initial priority list.

1. Credentialing

○ General Criteria

- The credentialing process is voluntary,
- Relates to personnel and teams, either as a single resource or part of a response team, as defined in existing and deployable interstate response resources or first responder assets;
- Credentialing should focus on required minimum qualifications in order to define and ensure the competency of the stated resource capability being requested;
- States must establish a program administered by the State Director (or other Official designated by the Governor) to grant authority to agencies, organizations or other entities to issue Qualification Cards for persons to be deployed for interstate mutual aid.
- Is based on verifiable accreditation and certification issued by the appropriate professional regulatory agencies, professional associations or licensing authorities;
- Needs to be sufficiently standardized and definable to promote the exchange and regulation through interstate mutual aid agreements or compacts;
- Credentialing needs to facilitate resources and assets capability for the purpose of inventory and tracking to determine availability status for response operations;
- Issuance of any credentialing certifications remains with the jurisdiction having authority; and
- Will need to be able to comply with evolving technological and information standards to permit:
 - Verification of identity;
 - Verification of qualifications; and
 - Verification of deployment authorization.

- **Education and Awareness of Served Agency Leaders**

- **Government, Federal, State, DOD**

- US Department of Homeland Security (DHS) COML, (COMT, THSP, RADO in future)
 - Military Auxiliary Radio System (MARS)
 - Coast Guard **Auxiliary**
 - State Office of Homeland Security (OHS)
 - State Emergency Management Agency (EMA)
 - State Bureau of EMS

- **Non Government, Federal, State, DOD**

- Salvation Army (SATERN)
 - Southern Baptist Emergency Amateur Radio Service (SouthBears)
 - American Red Cross (ARC)
 - American Heart Association (AHA)
 - International Association of Chiefs of Police (IACP)
 - International Association of Fire Chiefs (IAFC)
 - National Sheriffs' Association (NSA)
 - American Radio Relay League (ARRL)

- **Education and Awareness of Amateur Radio Personnel**

- **Training**

- On Line
 - Technical Skills
 - Equipment Related
 - Transmitters/Receivers
 - Antennae
 - Interoperable Bridge Devices
 - Served Agency Specifics
 - Operating Skills
 - Nets
 - Message Handling
 - Documentation
 - Served Agency Specifics
 - Soft Skills
 - Relationship Building
 - Team Building
 - Safety
 - Served Agency Specifics
 - ICS

- Classroom
 - Technical Skills
 - Equipment Related
 - Transmitters/Receivers
 - Antennae
 - Interoperable Bridge Devices
 - Served Agency Specifics
 - Operating Skills
 - Nets
 - Message Handling
 - Documentation
 - Served Agency Specifics
 - Soft Skills
 - Relationship Building
 - Team Building
 - Safety
 - Served Agency Specifics
 - ICS
 - Mentors/Mentoring
- **Proficiency Acquisition**
 - SM/SEC/DEC/EC Roles In Development
 - Elmer Role
 - NTS Nets
 - Weekly ARES Nets
 - Field Day
 - Simulated Emergency Test (SET)
 - Global Simulated Emergency Test (GSET)
- **Agency to Issue Credentials**
 - **Government, Federal, State, DOD**
 - US Department of Homeland Security (DHS) COML, (COMT, THSP, RADO in future)
 - **Military Auxiliary Radio System (MARS). See DOD Instructions, NUMBER 4650.02 , December 23, 2009**
 - **MARS capability for contingency radio communications support to U.S. Government operations shall be provided through the utilization of organized volunteer radio operators and operating facilities under the appropriate authorities, as directed by and coordinated within the Department of Defense.**
 - **MARS shall provide contingency radio communications support to the DoD Components.**

- MARS shall provide contingency radio communications support to civil authorities at all levels, in fulfillment of DoD responsibilities under DoDD 5111.13 (Reference (d)).
- MARS shall provide health, morale, and welfare radio communications support to military members, civilian employees and contractors of DoD Components, and civil agency employees and contractors, when in remote or isolated areas, in contingencies or whenever appropriate.
- Coast Guard Auxiliary
- State Office of Homeland Security (OHS)
- State Emergency Management Agency (EMA)
- State Bureau of EMS
- **Non Government, Federal, State, DOD - Independent**
 - National Emergency Number Association (NENA)
 - American Radio Relay League (ARRL)
 - World Radio Relay League (WRRL)
 - American Heart Association (AHA)
 - Association of Public Safety Communications Officials (APCO)
 - National Registry of Certified EmComm Volunteers
- **Non Government, Federal, State, DOD - Served Agencies**
 - Salvation Army (SATERN)
 - Southern Baptist Emergency Amateur Radio Service (SouthBears)
 - American Red Cross (ARC)
- **Credential Levels**
 - **Individuals**
 - **Support Staff – Supply/Food Unit and Ground Support Unit**
 - Credentialing Agency
 - Government, Federal, State, DOD
 - Non Government, Federal, State, DOD - Served Agencies
 - Potential Requirements
 - FEMA ICS-100 (Introduction to Incident Command System)
 - FEMA ICS-200 (ICS for Single Resource and Initial Action Incidents)
 - Background Check
 - Served Agency
 - Credentialing Agency
 - SM/SEC Vetted

- **Technical Specialist (THSP)**
 - **Credentialing Agency**
 - Government, Federal, State, DOD
 - Non Government, Federal, State, DOD - Independent
 - Non Government, Federal, State, DOD - Served Agencies
 - **Potential Requirements**
 - ARRL's ARECC Basic
 - FEMA ICS-100 (Introduction to Incident Command System)
 - FEMA ICS-200 (ICS for Single Resource and Initial Action Incidents)
 - Specialization (Equipment or System)
 - Background Check
 - Served Agency
 - Credentialing Agency
 - SM/SEC Vetted

- **Radio Operator (RADO)**
 - **Credentialing Agency**
 - Government, Federal, State, DOD
 - Non Government, Federal, State, DOD - Independent
 - Non Government, Federal, State, DOD - Served Agencies
 - **Potential Requirements**
 - ARRL's ARECC Basic
 - APCO Public Safety Telecommunicator 1
 - APCO Fire Service Communications
 - ARC or AHA Adult BLS /First Aid Basics
 - ARC Introduction to Disaster Services
 - FEMA ICS-100 (Introduction to Incident Command System)
 - FEMA ICS-200 (ICS for Single Resource and Initial Action Incidents)
 - FEMA ICS-700 (National Incident Management System)
 - MARS Skills
 - 90% or higher on the WRRL Traffic Handlers Challenge/Quiz.
 - NTS skills and training
 - WRRL DVD Radiogram Training

- Background Check
 - Served Agency
 - Credentialing Agency
- Security Level Given for NCIC exposure
- SM/SEC Vetted

- **Communications Unit Leader (COML)**
 - Credentialing Agency
 - Government, Federal, State, DOD
 - Potential Requirements
 - FEMA ICS-300 (Intermediate ICS for Expanding Incidents)
 - FEMA ICS-800b (Introduction to the National Response Framework)
 - FEMA COML

- **Major Disaster Emergency Coordinator (MDEC)**
 - Credentialing Agency
 - Government, Federal, State, DOD
 - Non Government, Federal, State, DOD - Independent
 - Potential Requirements
 - Requirements for COML
 - COML Task Book Completion
 - FEMA ICS-400 (Advanced ICS Command and General Staff)
 - ARRL's ARECC Advanced

- **Teams**
 - APCO/NENA Telecommunicator Emergency Response Team (TERT)
 - Red Cross Disaster Action Team (DAT)
 - Salvation Army Team Emergency Radio Network (SATERN)
 - Southern Baptist Emergency Amateur Radio Service (SouthBears)
 - ARRL Rapid Response Team (RRT)
 - ARRL Disaster Field Team (DFT)
 - Amateur Radio Communications Team (ARCT)
 - FEMA Regional Incident Management Assistance Team (IMAT)

2. National ARES Database

- **National Deployment**
 - Database Hosting
 - Database Design
 - Data Entry and Updates
 - General Data Access
 - Data Access from Field
 - Individuals
 - Credential Level
 - Experience
 - Equipment
 - Resource Typing
 - Quantity
 - Deployment Availability
 - Response Time
 - Time on Station
 - Teams
 - Credential Level
 - Experience
 - Equipment
 - Resource Typing
 - Quantity
 - Deployment Availability
 - Response Time
 - Time on Station
- **International Deployment**
 - **Mexico and Canada**
 - Database Hosting
 - Database Design
 - Data Entry
 - General Data Access
 - Data Access from Field
 - Individuals
 - Credential Level
 - Experience
 - Equipment
 - Resource Typing
 - Quantity
 - Deployment Availability
 - Response Time
 - Time on Station
 - Passport Type

- **International Deployment**
 - **Outside Mexico and Canada**
 - Database Hosting
 - Database Design
 - Data Entry
 - General Data Access
 - Data Access from Field
 - Individuals
 - Credential Level
 - Experience
 - Equipment
 - Resource Typing
 - Quantity
 - Deployment Availability
 - Response Time
 - Time on Station
 - Passport Type

3. National / International Response Teams

- APCO/NENA Telecommunicator Emergency Response Team (TERT)
 - Credential Levels
 - Chain of Command
 - Equipment Packages
 - Expense Funding
- Red Cross Disaster Action Team (DAT)
 - Credential Levels ERV (Emergency Response Vehicle) Driver/Operator
 - Chain of Command
 - Equipment Packages
 - Expense Funding
- Salvation Army Team Emergency Radio Network (SATERN)
 - Credential Levels
 - Chain of Command
 - Equipment Packages
 - Expense Funding
- Southern Baptist Emergency Amateur Radio Service (SouthBears)
 - Credential Levels
 - Chain of Command
 - Equipment Packages
 - Expense Funding
- ARRL Rapid Response Team (RRT)
 - Credential Levels
 - Chain of Command
 - Equipment Packages
 - Expense Funding

- ARRL Disaster Field Team (DFT)
 - Credential Levels
 - Chain of Command
 - Equipment Packages
 - Expense Funding

- Amateur Radio Communications Team (ARCT)
 - ARCT Type 1 - (Full field station and 4 mobile/portable units)
 - Complete amateur radio emergency/auxiliary communications team for single or multiple agency communications.
 - Capability: Short range (VHF/UHF) and long range (HF) voice and digital communications for tactical, logistics, health/welfare, administrative, and other radio traffic. Is not dependant upon any outside power source or infrastructure.
 - 12 persons including one supervisor and one assistant supervisor. Consists of one ARCT (Type 2 or 3) base station; and four Type 4 units (mobile, portable, or "rovers").

 - ARCT Type 2 - (Field/base station)
 - Capability: Short range (VHF/UHF) and long range (HF) voice and digital communications for tactical, logistics, health/welfare, administrative, and other radio traffic. Is not dependant upon any outside power source or infrastructure.
 - 4 (or more) licensed and registered AROs with one or two vehicles.
 - 2 must be General class (or higher).
 - May be assigned to a specific agency, or for AUX/EMCOMM. at a staging area, CP, EOC, etc. for multiple agency service.

 - ARCT Type 3 (Mobile/portable field units)
 - 2 licensed and registered AROs with one or two vehicles.
 - Technician class or higher (At least 1 General or higher if available.)
 - VHF FM (minimum) equipped, HF mobile/portable desired.
 - May be assigned to a specific agency or to supplement/relieve an existing multi-agency ARCT.

 - ARCT Type 4 - (Mobile/portable field additional support unit)
 - 1 individual licensed and registered ARO with vehicle.
 - Technician class or higher.
 - VHF FM (minimum) equipped.
 - Rarely (if ever) ordered singly.

- May be assigned to a specific agency or to supplement/relieve an existing ARCT.
 - ICS Logistics Officers and/or Communications Unit Leaders should be provided with a current list of persons to notify to activate an ARCT.
- FEMA Regional Incident Management Assistance Team (IMAT)
 - Credential Levels
 - Chain of Command
 - Equipment Packages
 - Expense Funding

4. Major Disaster Emergency Coordinator

- Credential Levels
- Functions and Responsibilities
- Chain of Command
 - ARRL
 - Disaster Response Emergency Manager (DREM)
 - Section Manager
 - Section Emergency Coordinator
 - Regional U.S. Department of Homeland Security's Federal Emergency Support Function 2 (ESF-2)
 - Joint Field Office (JFO) Disaster Emergency Communications Branch Support Function 2 (ESF-2)
 - State Level Emergency Support Function 2 (ESF-2) within OHS or EMA
- Liasons
 - US Department of Homeland Security (DHS) Office of Emergency Communications (OEC)
 - Tri-MARS System

5. EMCOMM Digital Communications (involve "winlink committee" in development of this item)

- Digital Training

- ARRL
- Others

- Digital Operations

- NTS-Digital
- Winlink 2000
 - WINMOR
 - PACTOR
 - PEER TO PEER
 - DSTAR (with web access or link to local vhf RMS access points)
 - Packet
 - MT-63
 - MARS
- DStar
- Emergency Communications Vehicles (ECVs)
- Portable Digital Repeater

Appendix 1

Recommendations by the National Emergency Response Planning Committee

www.arrl.org/announce/reports-2007/january/NERPC-32aa.pdf

1. Messaging
2. National ARES Database
3. Regional Coordination Function
4. Emergency Communications Vehicles
5. FCC Emergency Communications Declarations
6. Mutual Aid / Mutual Assistance (ARESMAT)
7. Assistance to Distant Sections
8. International Aspects
9. Relationships with Served Agencies
10. Relations with Served Agencies through the Unified Command
11. Credentialing and Chain of Command
12. Relationships with Served Agencies at the Section Level
13. Spectrum Protection
14. Training / Recruitment Issues and Recommendations
15. Section-level Suggestions
16. Handbooks for Emergency Coordinators and District Emergency Coordinators
17. "Swiss Army Knife" for ARES and NTS
18. Add Assistant SEC, Assistant DEC, and Assistant EC appointments
19. Information Flow from the Field to ARRL Headquarters
20. Major Disaster Emergency Coordinator