
Low Country Regional Amateur Radio Emergency Communications Plan

(Berkeley, Charleston, & Dorchester Counties)

January 10, 2011

The Objectives for the document are on Page 4.

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authored this plan:

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Distribution within Area of Responsibility (AOR):

County and Municipality Emergency Planning Departments (EPDs)

County and Municipality Law Enforcement

County and Municipality Emergency Medical Service

County and Municipality Fire Service

National Weather Service

South Carolina Department of Health & Environmental Control (DHEC)

Low Country Red Cross

Salvation Army

Hospitals

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1. OBJECTIVES

In signing the 2007 Appropriations Act on October 4, 2006, President Bush signed into law the 21st Century Emergency Communications Act. This act provides that radio amateurs are among the entities with which a Regional Emergency Communications Coordination Working Group (RECC Working Group) must coordinate its activities. This group is included within newly formed Department of Homeland Security's Office of Emergency Communications. RECC Working Groups are attached to each regional Department of Homeland Security office and are to advise federal and state homeland security officials.

Amateur Radio Operators are more popularly referred to as Hams. This plan has been prepared to provide participants and served agencies within the Berkeley, Charleston, and Dorchester Counties with a general guideline of how the Tri-County Hams, working together, can provide communication assistance in an emergency or disaster situation.

This plan can act as a reference appendix to Emergency Support Function (ESF) 2 within the individual County Emergency Operation Plan, providing points of contact, operating procedures and types of assistance available.

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 co-coordinated response.

This document will be reviewed and updated annually before 1 June. For current edition of this plan, see Emergency Services at www.wa4usn.org. See Appendix A for references.

2. PARTICIPANTS

The Tri-County area of Berkeley, Charleston, and Dorchester Counties is served by a cadre of interested individuals, trained and federally licensed Hams, who have a sincere interest in supporting their community by utilizing their skills as communicators to provide region-wide emergency communications. There are several hundred Hams in the Tri-County Area.

Hams are allocated a portion of the radio spectrum for experimentation and public service. Ham radio has a long history of service in natural and man-made disasters. Unlike most radio services, Hams have thousands of frequencies open to them, and numerous methods to use them. This flexibility can be indispensable in an emergency. Their technical qualifications and strict operating standards complement this flexibility.

Participating Ham Radio Groups:

- (1) Berkeley County ARES/RACES
- (2) Charleston County ARES/RACES
- (3) Dorchester County ARES/RACES
- (4) Charleston Amateur Radio Society, Inc.
- (5) Trident Amateur Radio Club
- (6) Hospital Emergency Amateur Radio Team System (HEARTS)
- (7) South Carolina Healthcare Emergency Amateur Radio Team (SCHEART)

The approximately 12 repeaters Charleston County, 2 in Berkeley County, and 6 in Dorchester County in combinations are used for regional communications. Wide area repeaters in Walterboro and Greeleyville as well as other SCHEART linked repeaters provide coverage state wide on VHF and UHF. See Appendix B for a detailed list of available VHF/UHF repeaters from <http://www.wa4usn.org/>. Monitoring stations on HF provide national and world wide communications.

3. LIMITATIONS

- a. The information contained in this plan is to be used as a guide. It is not the intent of this plan to limit the actions of an operator who is on site and best able to assess the prevailing conditions.
- b. Hams are trained to provide communications services only. Hams on duty under this plan are not expected to serve any other function.
- c. This plan is subject to alterations and/or revisions as required.
- d. Hams may be called to render public service when a competent official: (1) recognizes that an emergency condition exists, and (2) requests that such service be rendered.
- e. Hams participating in non-emergency events do so at their own risk.
- f. Hams provide their services as volunteers, and as such they are under no obligation to participate and there is no guaranteed response level. Members are asked to provide assistance based on their interests, abilities, and personal commitments. Should we experience a local disaster, many of our own members can be victims and they must ensure the safety of their loved ones and their own property. The Emergency Coordinator or designee will endeavor to the best of his or her ability to fulfill the needs of the communities served under this plan.

4. DEFINITIONS/ABBREVIATIONS

- **ARES** – Amateur Radio Emergency Services, ARRL
- **ARRL** – American Radio Relay League (National)
- **DEC** – District Emergency Coordinator (Several Counties), ARRL/ARES
- **EC** –Emergency Coordinator (County), ARRL/ARES
- **EOC** - Emergency Operations Center
- **FEMA** - Federal Emergency Management Agency
- **ICS** – Incident Command System
- **NIMS** – National Incident Management System
- **NTS** - National Traffic System
- **RACES** – Radio Amateur Civil Emergency Service, FEMA & State
- **SEC** – Section Emergency Coordinator (State), ARRL/ARES
- **SM** - Section Manager (State), ARRL

5. POSSIBLE EMERGENCIES IN THE LOW COUNTRY

Normally, when the Police, Fire or Public Works Supervisor at the emergency site considers the situation, or potential situation, is of a serious nature beyond the capability of the emergency services to manage or support without outside assistance, he/she will begin the process to activate the County/Municipality Emergency Operations Plan (EOP) using the ICS procedures under the NIMS.

This is done by advising the respective Agency/Department Head who will make notification to the County/Municipal Emergency Management/Preparedness Director. The Director will determine if activation of the EOC is required and make the necessary notifications.

6. EMERGENCY OPERATIONS CENTER

As soon as it is evident that there is an emergency, the county\municipality will initiate a notification of the members of the EOC according to their Emergency Operation Plan. This normally includes Head of the County Council, Chief Administrative Officer, Police and Fire Chiefs, Public Works, Health and/or Ambulance representative, Social Services Representative, Transit representative, Emergency Planning Officer, and Public Information Officer. They will meet at the Emergency Operations Centers for their respective county. Ham radio should be included in the initial notifications in these plans.

7. AMATEUR RADIO IN EMERGENCY PLANS

The general role of Ham radio is usually described as follows:

"The Amateur Radio provides a volunteer group of individuals trained and federally licensed as communicators and trained using ICS. They are prepared to establish emergency radio communications between area hospitals, EOCs, Shelters, staging areas, etc. and to supplement public safety communications resources. A control station will be activated at each county Emergency Operations Center for a major emergency at the request of local officials. Contacts for the Ham Radio community are listed in the appendix."

8. CLIENT AGENCIES

- a. The Counties of Berkeley, Charleston, and Dorchester including all municipalities and townships
- b. Local Fire, Law Enforcement and EMS Agencies
- c. DHEC
- d. Local Hospitals
- e. American Red Cross
- f. Salvation Army

In addition, an Emergency Coordinator or his designee may activate this emergency plan on his own authority in anticipation of a request for emergency communications by a client agency when it is apparent that an emergency situation exists or is imminent. As well, activation for non-disaster situations can take place at the request of the client agencies.

9. TYPES OF ASSISTANCE

The Ham Radio networks in the area can supply communication services where no established links exist, or supplement existing system(s) if they are overloaded or disabled. Appendix C shows possible station locations. Ham radio networks may be organized to accommodate any need such as:

- a. Communications among various hospitals not normally in contact with one another.
- b. Communications among various officials, agencies or services not normally in contact with one another. This includes a communications link to the Emergency Operations Centers or between EOC's of various counties/municipalities.
- c. Provide communications personnel to support communications within served hospitals.
- d. Back-up or supplemental communications where a public-safety radio system or telephone service may be lost, out-of-range, or overloaded.
- e. Observations of local conditions (weather, traffic, etc.) relayed back to public officials.
- f. Health and Welfare communications to the general public through the American Red Cross.
- g. A direct link with the Charleston National Weather Service office.
- h. A communications network at the outer perimeter of an evacuated area.

10. NOTIFICATION

Once the county/municipality or other served agency determines Ham assistance is required, the following procedure is to be used to alert Ham Radio volunteers:

- a. Requesting agency calls the respective EC and other key members, through their notification system.
- b. The members meet on the predetermined Repeater System. The EC or most appropriate alternate contacts the requesting agency. Phone calls are made to all other key volunteers.
- c. A net controller is appointed by the EC or alternate and takes control of the repeater for a Resource Net. Once more details are available, he/she would indicate the nature and severity of the situation.
- d. Check-ins would be solicited and volunteers would be asked to provide information on equipment and capabilities. In most cases, they would be asked to standby until our role is clarified. They would be asked to gather necessary equipment and await further instructions. Staging areas may be established to avoid congestion in critical areas.
- e. One person would be designated to do a call on all area linked repeaters to announce the Emergency Net(s).
- f. A full callout may be initiated from the CARS and TARC club directories depending on the scale of the event.
- g. The Tri-County ECs will provide coordination of the operation. They would not normally be net control.
- h. Other nets on other repeaters may be established to meet the needs of the emergency.
- i. Additional resources would be requested, via the DEC, from other areas such as upstate South Carolina, if required.

11. COMMUNICATION PRIORITIES

All communications services provided by Ham Radio will be prioritized on the following basis

- a. **Emergency** - Any communications situation having life and death urgency to any person or group of persons, which is transmitted by Ham Radio in the absence of regular commercial facilities.
- b. **Priority** - Any important communications that have a specific time limit, official messages not covered in the emergency category, media releases and emergency-related traffic not of the utmost urgency. This includes messages of welfare agencies during emergencies requesting supplies, materials, or instructions vital to relief to stricken populace in emergency areas.
- c. **Welfare** - Communications relating to either an inquiry as to the health and welfare of an individual in the disaster area or an advisory that indicates all is well. Welfare traffic is handled only after all emergency and priority traffic is cleared.
- d. **Routine** - Most communications in routine situations will bear this designation. In disaster situations, messages labeled Routine should be handled last, or not at all when circuits are busy with higher- priority traffic.

12. TYPES OF NETWORKS

The response to a request would depend on the nature of the event. Appendix D outlines how the repeaters could be configured to meet most requirements. It shows how the repeaters could be configured into a regionally linked system to support a pending weather event in support the National Weather Service with a SKYWARN Net. It also shows how the repeaters could be linked to support the individual counties for the EOCs and other agencies, including a separate linked system for Hospitals. Other nets would be established as necessary. County by county Networks can be found on the frequencies listed in Appendix E.

13. RESPONSIBILITIES

There shall be the following leadership positions and responsibilities (See Appendix F):

a. District Emergency Coordinator (DEC) (Multiple Counties)

The DEC will assume overall authority and responsibility for emergency response and performance by the Network Personnel.

b. Emergency Coordinator (EC) (County)

Appointed by the DEC to supervise the efforts of local volunteer Hams located in the defined district. EC shall be the primary contact for emergency services organizations and municipal officials.

In an emergency or exercise, the EC will move about the operational area, providing guidance, direction, and recommending changes as necessary. He/she will evaluate the communications needs of the served agencies and respond quickly to those needs.

The EC responsibilities include:

1. Coordinate the training, organization and participation.
2. Make local decisions through coordination with the County Emergency Operations Center concerning the allotment of available Hams and equipment during an emergency.
3. Coordinate the interrelationship between local emergency plans and between communications networks within their jurisdiction.
4. Establish a viable working relationship with area government officials, including police, fire, ambulance and other emergency services.
5. Interface with municipal emergency Planning Officers and agencies.
6. Provide direction in the handling of emergency communications of either formal or tactical nature.
7. Coordinate the reporting and documenting of Ham Radio activities.
8. Act as a model communicator as evidenced by dedication to purpose, reliability, and understanding of emergency communications.
9. Have a thorough understanding of the locale and role of all vital government and volunteer agencies that could be involved in an emergency.
10. Act as backup for local areas without an Emergency Coordinator, or in the absence of an EC.
11. Initiate policy and procedural changes, both within the Ham Radio field organization as well as the served agencies, required to facilitate the activities of Ham Radio in its support role.

c. Technical Advisor

- provide liaison between the Engineers of the CARS and TARC clubs for technical dialog and interface,
- ensure the readiness of all repeaters and radios associated with the network to handle an emergency situation,

Appendix "A" - REFERENCES

1. Federal Communications Commission Rules and Regulations, Part 97. (FCC.GOV/)
2. Public Service Communications Manual. (www.arrl.org/)
3. ARRL Emergency Coordinator's Manual. (www.arrl.org/)
4. MOU - State of South Carolina and SCARES. (www.scemd.org)
5. MOU - The ARRL, INC. and the American Red Cross.
(www.arrl.org/FandES/field/mou/redcro.html)

Appendix "B" - LOCAL REPEATERS BY FREQUENCY

A colorized version can be found at www.wa4usn.org.

Charleston Amateur Radio Society Repeaters by Frequency

	Freq.	Tone	Location	Antenna Height	Callsign	Link
	145.230-	123.0	Greeleyville		W4APE	P
	145.250-	123.0	Knightsville	N 32° 59' 38" W 80° 16' 12"	WA4USN	K
	145.390-	None	Walterboro		KG4BZN	L
	145.410-	123.0	Seabrook Island	N 32° 34' 50" W 80° 09' 35"	WA4USN	K
	145.450-	123.0	Rutledge Tower (MUSC)	N 32° 47' 03" W 79° 56' 42"	W4HRS	T
New Rptr	145.490-	103.5	Moncks Corner EOC	N 33° 11' 56" W 80° 00' 25"	W4HRS	W
	146.685-	91.5	Florence (SCETV Tower)	N 34° 16' 48" W 79° 44' 34"	WR4SC	Link *35
	146.700-	123.0	Georgetown Mem. Hospital	N 33° 22' 46" W 79° 17' 05"	W4HRS	W
	146.715-	91.5	Columbia (I-77 & I-20)	N 34° 07' 07" W 80° 56' 13"	WR4SC	Link *32
	146.715-	162.2	Conway (SCETV Tower)	N 33° 56' 59" W 79° 06' 31"	WR4SC	Link *30
	146.715-	123.0	Whitehall (SCETV Tower)	N 32° 42' 43" W 80° 40' 54"	WR4SC	Link *34
	146.730-	123.0	Trident Medical Center	N 32° 58' 35" W 80° 04' 24"	W4HRS	W
	146.760-	123.0	Awendaw (Chan. 5 Tower)	N 32° 55' 28" W 79° 41' 58"	WR4SC	Link *31
	146.790-	None	USS Yorktown	N 32° 47' 26" W 79° 54' 29"	WA4USN	K
Off Air	146.835-	None	Summerville (I-26)	N 33° 02' 20" W 80° 09' 16"	KT4YW	
New Info	146.880-	123.0	Orangeburg	N 33° 32' 35" W 80° 49' 27"	WR4SC	Link *39
	146.910-	None	Whitehall (SCETV Tower)	N 32° 42' 43" W 80° 40' 54"	WA4SJS	L
	146.985-	123.0	Summerville Med. Center	N 32° 57' 57" W 80° 09' 27"	W1GRE	W
	147.045+	103.5	St. George	N 33° 10' 25" W 80° 34' 26"	K4ILT	K
	147.105+	123.0	Wallace (SCETV Tower)	N 32° 48' 08" W 80° 01' 25"	WR4SC	Link *33
	147.135+	156.7	Walterboro		KG4BZN	L
	147.150+	None	Moncks Corner		WD4NUN	
	147.180+	123.0	Dorchester	N 33° 08' 31" W 80° 21' 03"	W4HNC	
	147.195+	123.0	Florence		W4APE	P
New Rptr	147.210+	210.7	Moncks Corner			
	147.225+	None	Santee		W4DTW	
	147.270+	123.0	S'ville (Dorchester EOC)		W4ANK	T
	147.300+	123.0	Awendaw (Chan. 5 Tower)	N 32° 55' 28" W 79° 41' 58"	N7GZT	L
	147.345+	123.0	Adams Run		W4ANK	T
	147.375+	None	Georgetown		K4SHP	
	441.450+	123.0	Knightsville	N 32° 59' 38" W 80° 16' 12"	WA4USN	H K A
	441.575+	91.5	Florence (SCETV Tower)	N 34° 16' 48" W 79° 44' 34"	WR4SC	Link *55
	441.575+	123.0	Wallace (SCETV Tower)	N 32° 48' 08" W 80° 01' 25"	WR4SC	Link *53
	441.675+	162.2	Conway (SCETV Tower)	N 33° 56' 59" W 79° 06' 31"	WR4SC	Link *50
	441.675+	123.0	Whitehall (SCETV Tower)	N 32° 42' 43" W 80° 40' 54"	WR4SC	Link *54
	441.725+	123.0	Awendaw (Chan. 5 Tower)	N 32° 55' 28" W 79° 41' 58"	WR4SC	Link *51
	441.725+	91.5	Columbia (I-77 & I-20)	N 34° 07' 07" W 80° 56' 13"	WR4SC	Link *52
New Info	441.750+	123.0	Orangeburg	N 33° 32' 35" W 80° 49' 27"	WR4SC	Link *59
	442.050+	123.0	Florence		W4APE	H P
	442.150+	123.0	Trident Medical Center	N 32° 58' 35" W 80° 04' 24"	W4HRS	H T
	443.800+	123.0	Dorchester	N 33° 08' 31" W 80° 21' 03"	W4HNC	
	444.075+	156.7	Whitehall (SCETV Tower)	N 32° 42' 43" W 80° 40' 54"	KG4BZN	H L
	444.550+	156.7	Walterboro		KG4BZN	L
	444.750+	123.0	Greeleyville		W4APE	P
	444.775+	123.0	St. Francis Hospital	N 32° 48' 30" W 80° 02' 31"	W4HRS	W
	444.825+	123.0	Rutledge Tower (MUSC)	N 32° 47' 03" W 79° 56' 42"	W4HRS	W
	444.850+	123.0	Colleton County Medical	N 32° 55' 19" W 80° 40' 30"	W4HRS	W
New Info	444.925+	None	Georgetown		K4SHP	

RED text = repeater part of HEART system GREEN text = repeater part of SCHEART system, to link to another SCHEART repeater enter link code; 73 to drop link
 A = link via Awendaw Hub H = repeater linking HUB K = link via Knightsville Hub
 L = Low Country Rptr. System P = Palmetto Amateur Link System T = link via Trident Hub W = link via Wallace Hub

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Appendix "C" - POSSIBLE STATION LOCATIONS

- Berkeley County EOC
- Charleston County EOC
- Dorchester County EOC
- Medical University of South Carolina Hospital
- St. Francis Hospital
- Roper Hospital
- East Cooper Medical Center
- Trident Medical Center
- National Weather Service
- Red Cross Headquarters
- Red Cross Shelters (As Required) (See Appendix G)
- DHEC Communications Containers (See Appendix H)
- Others as required by the event.

Appendix “D” – Regional Repeater Configurations

For a complete and current list of available repeaters, please see www.wa4usn.org.

Net	Area	Primary Repeater	Alternate Repeater	State Wide Access (2)
EOC and Red Cross	Berkeley County	147.150	145.490	146.76 Repeater linked to Main Reflector (3)
	Charleston County	146.790 tone123 (1)	147.345	146.76 Repeater linked to Main Reflector (3)
	Dorchester County	147.180	146.940 tone 123 (1)	146.76 Repeater linked to Main Reflector (3)
Hospital	Tri-County	All linked to 441.575 Wallace Hub (2)	All linked to 441.725 Awendaw Hub (2)	Hub linked to Back-Up Reflector (3)
Skywarn	Tri-County	146.760 (2)	CARS System	146.76 Repeater linked to Main Reflector (3)
Routine Traffic	Tri-County	TARC System		146.76 Repeater linked to Main Reflector (3)

- (1) CARS System could be linked to SCHEARTS through Awendaw UHF if agreed to by both Net Controls. See Note (3)
- (2) SCHEART/ETV Assets
- (3) Temporarily linking of any local SCHEART Repeater to another SCHEART Repeater or Reflector by local operators will be on an as needed basis and will be authorized by the appropriate EC or DEC.

Appendix “E” – SC District/County Frequency Plan

This is a list of the primary repeater/simplex frequencies to be used by County ECs for communications. If the repeater listed is down, use simplex on the same frequency and other simplex frequencies listed. Developed by Brian Fletcher, K6NWS.

ARRL District and County	District VHF Simplex Coordinating Frequency	District UHF Simplex Coordinating Frequency	County VHF Simplex Coordinating Frequency	SCHEART Wide Area Repeater	Local Wide Area Repeater	Local County Repeater
<u>District 1</u>	<u>146.565</u>	<u>445.925</u>				
Abbeville			147.555		146.610	
Anderson			147.510		146.610	
Edgefield			147.420			
Greenville			147.585		146.610	
Greenwood			147.570			147.165
McCormick			147.585			
Oconee			147.420		146.610	
Pickens			147.540		146.610	
<u>District 2</u>	<u>146.580</u>	<u>445.950</u>				
Cherokee			147.420			
Chester			147.570			
Lancaster			147.525			
Laurens			147.525	145.370	146.865	146.865
Spartanburg			147.510	145.370		
Union			147.585	145.370		
York			147.540			
<u>District 3</u>	<u>146.520</u>	<u>445.975</u>				
Calhoun			147.420	146.715	147.330	
Fairfield			147.420	146.715	147.210	
Kershaw			147.510	146.715	147.330	
Lexington			147.525	146.715	147.330	
Newberry			147.555	146.715	147.210	
Richland			147.585	146.715	147.330	
Saluda			147.510	146.715	147.210	
<u>District 4</u>	<u>146.595</u>	<u>446.025</u>				
Chesterfield			147.420	146.685		
Darlington			147.585	146.685		
Dillon			147.555	146.715		
Florence			147.570	146.685		
Horry			147.540	146.715		
Lee			147.540	146.685		
Marlboro			147.525	146.725		
Marion			147.510	146.715		
<u>District 5</u>	<u>146.535</u>	<u>446.050</u>				
Berkeley			147.585	146.760	145.490	147.150 For shelter and local EOC use
Charleston			147.540 north 147.570 central 147.525 south	146.760	146.790	146.790 For shelter and local EOC use

ARRL District and County	District VHF Simplex Coordinating Frequency	District UHF Simplex Coordinating Frequency	County VHF Simplex Coordinating Frequency	SCHEART Wide Area Repeater	Local Wide Area Repeater	Local County Repeater
Clarendon			147.510	146.685		
Dorchester			147.585 north 147.540 south	146.760	146.940	147.180 For shelter and local EOC use
Georgetown			147.420	146.760	147.375	146.700
Orangeburg			147.570	146.880		
Sumter			147.555	146.685		
Williamsburg			147.525	146.760		
<u>District 6</u>	<u>146.580</u>	<u>446.075</u>				
Aiken			147.555			
Allendale			147.420			
Bamberg			147.525			
Barnwell			147.585			
Beaufort			147.525	146.715		
Colleton			147.510	146.715		
Hampton			147.540			
Jasper			147.570	146.715		

Appendix "F" - Key Personnel

EMERGENCY COORDINATORS:

BERKELEY COUNTY - Vince Lombardo - K4AOC

Home: N/A

Business: N/A

Cell: 843- 452-8011

CHARLESTON COUNTY - Bill Pennekamp - WA4WGP

Home: 843-763-1316

Business: N/A

Cell: 803-873-3504

DORCHESTER COUNTY - John Place - W4HNK

Home: N/A

Business: 843-832-0256

Cell: 843-200-7008

TECHNICAL ADVISOR

Bryce Myers - K4LXF

Home: 843-747-2324

Business: N/A

Cell: 843-697-4109

DISTRICT EMERGENCY COORDINATOR - Brian Fletcher - K6NWS

(Berkeley, Charleston, Clarendon, Dorchester, Georgetown, Orangeburg, Sumter, & Williamsburg Counties)

Home: 843-771-3206

Business: 843-792-7752

Cell: 843-224-7513

SECTION EMERGENCY COORDINATOR - Charlie Miller - AE4UX

(South Carolina)

Home: 803-663-9442

Business: N/A

Cell: 803-221-6422

Appendix "G" - RED CROSS SHELTERS

- * Type SN – Special Needs
 V – Opened when Voluntary Evacuation is ordered by Governor.
 M – Opened when Mandatory Evacuation is ordered by Governor.
 R – Reserve, opened as needed.

Type *	Shelter
Berkeley County	
SN	Berkeley Intermediate School 777 Stony Landing Road Moncks Corner, SC 29461
V	Berkeley High School 406 W. Main Street Moncks Corner, SC 29461
V	Goose Creek High School 1137 Red Bank Road Goose Creek, SC 29445
V	St. Stephen Elementary School 1053 Russellville Road St. Stephen, SC 29479
V	Hanahan Middle School 5815 Murray Drive Hanahan, SC 29406
M	Cane Bay High School 1624 State Road Summerville, SC 29483
M	Cainhoy Middle/Elementary School 2424 Cainhoy Road Huger, SC 29450
M	Cross Elementary School 1325 Ranger Drive Cross, SC 29436
M	Cross High School 1325 Old Highway 8 Cross, SC 29436
M	Macedonia Middle School 200 Macedonia Foxes Circle Moncks Corner, SC 29461
M	Sangaree Elementary School 1460 Royle Road Summerville, SC 29483
M	Stratford High School 951 Crowfield Boulevard Goose Creek, SC 29445
R	Berkeley Elementary School 715 Hwy. 6 Moncks Corner, SC 29461
R	Devon Forest Elementary School 1127 Dorothy Street Goose Creek, SC 29445

Type *	Shelter
R	Sedgfield Middle School 131 Charles B. Gibson Blvd. Goose Creek, SC 29445
R	Westview Elementary School 100 Westview Drive Goose Creek, SC 29445
R	Westview Middle School 101 Westview Boulevard Goose Creek, SC 29445
R	Whitesville Elementary School 324 Gaillard Road Moncks Corner, SC 29461
Charleston County	
SN	Alice Birney Middle School 7750 Pinehurst Street N. Charleston, SC 29420
V	Midland Park Elementary 2415 Midland Park Road N. Charleston, SC 29418
V	Morningside Middle School 1999 Singley Lane N. Charleston, SC 29405
V	North Charleston High School 1087 East Montague Ave. N. Charleston, SC 29405
V	Stall High School 7749 Pinehurst Street N. Charleston, SC 29420
M	A.C. Corcoran Elementary 8585 Vistavia Road N. Charleston, SC 29406
M	Garrett Academy of Technology 2731 Gordon Street N. Charleston, SC 29405
M	Jerry Zucker Middle School 6401 Dorchester Road N. Charleston, SC 29418
M	Ladson Elementary School 3321 Ladson Road Ladson, SC 29456
M	Pepperhill Elementary School 3300 Creola Rd. N. Charleston, SC 29420

Type *	Shelter
R	CC Blaney 7184 Highway 162 Hollywood, SC 29449
R	E.B. Ellington Elementary School 5600 Ellington School Rd. Ravenel, SC 29470
R	Lambs Elementary School 6800 Dorchester Road N. Charleston, SC 29418
R	Matilda F. Dunston Elementary 1825 Remount Rd. N. Charleston, SC 29406
R	Minnie Hughes Elementary School 8548 Willtown Road Hollywood, SC 29449
R	Ronald E. McNair Elementary 3795 Spruill Ave. N. Charleston, SC 29405
Dorchester County	
SN	Dorchester Senior Inc. 312 N Laurel Street Summerville, SC 29483
V	Ashley Ridge High School 4800 Delemar Highway Summerville, SC 29485
V	Fort Dorchester High School 8500 Patriot Boulevard North Charleston, SC 29420
V	Harleyville Ridgeville Elementary 1650 East Main Street Dorchester, SC 29448
V	Summerville High School 1101 Boone Hill Rd Summerville, SC 29483
V	Woodland High School 4128 US Highway 78 Dorchester, SC 29430
M	Beech Hill Elementary School 1001 Beech Hill Rd. Summerville, SC 29485
M	Summerville Elementary 835 South Main Street Summerville, SC 29483
R	Alston Middle School 1101 Boone Hill Rd Summerville, SC 29483
R	Dubose Middle School 1000 Dubose School Road Summerville, SC 29483
R	Flowertown Elementary School 20 King Charles Circle Summerville, SC 29485

Type *	Shelter
R	Fort Dorchester Elementary 5201 Old Glory Lane Summerville, SC 29485
R	Gregg Middle School 500 Greenwave Blvd. Summerville, SC 29483
R	Knightsville Elementary 847 Orangeburg Road Summerville, SC 29483
R	Oakbrook Middle School 4704 Old Fort Road Ladson, SC 29485
R	Rollings School of Arts 815 South Main Street Summerville, SC 29483
R	Spann Elementary School 901 John McKissick Way Summerville, SC 29483
R	St. George Middle School 600 Minus Street St. George, SC 29477
R	Windsor Hill Elementary 8600 William Moultrie Summerville, SC 29483

Appendix "H" - DHEC COMMUNICATIONS CONTAINERS

Operational Area	Location	Contact
Berkeley County		
Goose Creek	Medic 1 Station 907 Red Bank Road Goose Creek, SC 29455	843-764-4600
Saint Stephens	Medic 5 Station 336 Ravenel Drive Saint Stephen, SC 29479	843-567-7367
Summerville	Medic 2 Station 137 Farmington Road Summerville, SC 29483	843-871-1519
Charleston County		
Charleston	Fire Station 9 1451 King Street Ext. Charleston, SC 29401	Tom O'Brien 843-724-3777
Daniel Island	Daniel Island Fire Department 235 Seven Farm Drive Daniel Island, SC 29492	Tom O'Brien 843-724-3777
Hollywood	St. Paul's Fire Station 6488 Hwy. 162 Hollywood, SC 29449	Chief Doc Mathews 843-889-6450
James Island	Fire Station 7 1174 Fort Johnson Road Charleston, SC 29412	Tom O'Brien 843-724-3777
Johns Island	St. Johns Fire Station 5 4550 River Road Johns Island, SC 29457	Chief Karl Ristow 843-556-8951
Lincolntonville	Lincolntonville Fire Department 143 West Pine Street Lincolntonville, SC 29483	Chief Charles Gantt 843-873-6845
Mount Pleasant	Fire Station 4 1153 Six Mile Road Mt. Pleasant, SC 29464	Rob Wronski 843-534-6587
North Charleston	Fire Department Admin Facility 2536 4 th Street North Charleston, SC 29406	Major Coyle Kinard 843-740-2881
West Ashley	St. Andrews Fire Station 3 1775 Ashley River road Charleston, SC 29407	Chief Mark Schrade 843-556-8951
Dorchester County		
Givans	Old Fort Station 6 1475 Highway 61 Givans, SC 29472	Chief Ed Genthert 843-873-5620
Harleyville	Police Department 119 South Railroad Harleyville, SC 20448	Chief Neal Dye 843-462-7676

Operational Area	Location	Contact
North Charleston	Ashley River Fire Department 8045 Dorchester Road North Charleston, SC 29428	Chief Scott Inabinett 843-552-2425
Saint George	Saint George Armory 601 South Parler Avenue Saint George, SC 29477	Chief Anthony Britt 843-563-3643k ext 11
Summerville (2 containers)	Fire Station 1 1101 Yancy Street Summerville, SC 29483	Chief Marc Melfi 843-873-5107

Appendix "I" - REVISIONS

- 6/1/10 Changed dates on Pages 1 and 3 and Added Appendix I – REVISIONS to pages 3 and 25.
- 7/27/10 Updated Pages 1,21, 22, and 25. Made changes to Red Cross Shelter List. Berkeley County: Deleted Westview Primary, Sedgfield Intermediate, St. Stephen Middle, and Hanahan Elementary. Added Cross High and Cane Bay High. Charleston County: Deleted Brentwood Middle. Added North Charleston High and Jerry Zucker Middle. Dorchester County: Added Ashley Ridge, Alston Middle, Gregg Middle, Spann Elementary, and Woodland High.
- 9/6/10 Updated pages 1, 21, 22, and 25. Corrected Rev Date on Pages 21 and 22. Changes date of revision from 7/23/10 to 7/27/10 on page 25.
- 1/10/11 Updated pages 1, 19 and 25.