COMMUNICATIONS PLAN

PURPOSE

The purpose of this section of the disaster plan is to provide alternatives for communications in the event that primary communications systems are disabled or additional communications resources are necessary. This section describes the City's communications systems that are currently in place. Some options are detailed in the event that one or more of our systems becomes disabled.

CONCEPT OF OPERATIONS

The Radio Frequency Cross Reference Graph following shows where the base radio installations are located, in addition to the transmit frequencies which are available to the dispatchers in those locations. It also lists the mobile and handheld radios in the various city departments along with their transmit frequencies. With this information it is possible to determine with which radios emergency workers could communicate, and on which frequencies.

In the event that a base station or base station location became inoperable or unuseable, options include:

1. Move the dispatching function to another location where a base station with the correct could be used;
2. Distribute radios with alternate frequencies to mobile units and continue dispatching from the same or an alternate facility.

The specifics of the situation, including the number of radios, dispatching location, and frequency on which to communicate will be dictated by the type of emergency, duration of the interruption, and number of users on the system. The Radio Frequency Cross Reference Graph will help to determine which option will best meet the needs at the time.

In the event that the Public Safety '911' system becomes inoperable, it will be necessary to perform a switching operation to divert all city '911' calls to the Muscatine County Sheriff's Office, located on Park Avenue West. The city will have to provide a dispatcher at that location to answer those calls and dispatch the appropriate emergency units.

RADIO FREQUENCY CROSS REFERENCE CHART

The following chart shows where the base stations are located, how many mobile and handheld radios are available, and the frequencies upon which each radio can communicate. It also shows a partial listing of the frequencies which the city has in common with the Muscatine County Sheriff's Office.

The chart shows all available frequencies installed in fixed, mobile, or portable positions. They are ordered by frequency and labeled according to their assigned uses. The chart is comprised of six pages which should be ordered according to the alignment guide shown. Doing so will give the user the proper perspective of the radios and frequencies available for use and reassignment in the case of an emergency.

SECTION 1	***SECTION 2***	***SECTION 3***
SECTION 4	***SECTION 5***	***SECTION 6***

RADIO FREQUENCY CROSS REFERENCE CHART

BASE RADIO LOCATIONS	154.085 Public Works	154.175 County Fire	154.25 F.D. VHF	154.28 State Fire	154.83 Louisa Co.
Public Safety Building					
Dispatcher	■	■	■	■	■
Public Works					
Public Works Office	■				
Shop	■				
Transit Dispatcher					
Engineering Office	■				
City Hall					
Building & Zoning Office					
Parks & Rec Office					
Cemetery					
Cemetery Office	■				
Weed Park					
Maintenance Building	■				
W.P.C.P.					
W.P.C.P. Office	■				

MOBILE RADIOS	Number of Vehicles	154.085 Public Works	154.175 County Fire	154.25 F.D. VHF	154.28 State Fire	154.83 Louisa Co.
Fire Department	10	■	■	■	■	
Public Works	29	■				
Transit	10					
Refuse / Transfer Station	12	■				
Engineering	4	■				
Collection & Drainage	5	■				
Cemetery	3	■				
Parks & Recreation	12	■				
W.P.C.P.	6	■				
Building & Zoning	4					
Community Development	1					
Housing	3					
Police Department	11	■	■	■	■	■

BASE RADIOS

155.175	155.34	155.37	155.4	155.475	155.79	156.7	157.47	158.73
Musc. Amb.	State EMS	Point-to-Point	MGH call	P.D. Mu.Aid	LEA	Coast Guard	Hyinks	Sheriff Ops

MOBILE RADIOS

155.175	155.34	155.37	155.4	155.475	155.79	156.7	157.47	158.73
Musc. Amb.	State EMS	Point-to-Point	MGH call	P.D. Mu.Aid	LEA	Coast Guard	Hyinks	Sheriff Ops

BASE RADIOS

453.575	458.575	460.225	800 mhz
Transit	Build'g & Zoning	Old P.D. UHF	P.D., F.D.

MOBILE RADIOS

453.575	458.575	460.225	800 mhz
Transit	Build'g & Zoning	Old P.D. UHF	P.D., F.D.

HANDHELD RADIOS		154.085	154.175	154.25	154.28	154.83
	Number	Public Works	County Fire	F.D. VHF	State Fire	Louisa Co.
Fire Department (Old VHF)	14					
Fire Department (New 800 mhz)	32					
Police Department (Old UHF)	15					
Police Department (New 800 mhz)	43					
Public Works	2					
Engineering	2					
W.P.C.P.	2					
Kent Stein (Old P.D. UHF)	6					
Golf Course (Old P.D. UHF)	3					
Cemetery (Old P.D. UHF)	2					
Parks & Recreation (Old P.D. UHF)	12					

MUSCATINE COUNTY SHERIFF (partial)	154.085	154.175	154.25	154.28	154.83
	Public Works	County Fire	F.D. VHF	State Fire	Louisa Co.
Dispatcher (Park Ave. West)					
Mobile Radios					
Handheld Radios					

HANDHELD RADIOS								
155.175	155.34	155.37	155.4	155.475	155.79	156.7	157.47	158.73
Musc. Amb.	State EMS	Point-to-Point	MGH call	P.D. Mu.Aid	LEA	Coast Guard	Hyinks	Sheriff Ops

MUSCATINE COUNTY SHERIFF								
155.175	155.34	155.37	155.4	155.475	155.79	156.7	157.47	158.73
Musc. Amb.	State EMS	Point-to-Point	MGH call	P.D. Mu.Aid	LEA	Coast Guard	Hyinks	Sheriff Ops

HANDHELD RADIOS			
453.575	458.575	460.225	800 mhz
Transit	Build'g & Zoning	Old P.D. UHF	P.D., F.D.
MUSCATINE COUNTY SHERIFF			
453.575	458.575	460.225	800 mhz
Transit	Build'g & Zoning	Old P.D. UHF	P.D., F.D.