

Radio Communications Capability Worksheet (Continued)

Operations Information (Continued)	
6. Does your jurisdiction have intergovernmental agreements with neighboring jurisdictions for mutually defined calls for service during emergencies and/or disasters?	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. To what extent has your jurisdiction's need for interoperability with other agencies changed over the past 5 years?	<input type="checkbox"/> Increased <input type="checkbox"/> No change <input type="checkbox"/> Decreased
8. Rate your jurisdiction's ability to establish a radio communications link with other agencies in the jurisdiction during an emergency or disaster.	<input type="checkbox"/> Poor <input type="checkbox"/> Fair <input type="checkbox"/> Good
9. Rate your jurisdiction's ability to establish a radio communications link with mutual aid agencies from other jurisdictions during an emergency or disaster.	<input type="checkbox"/> Poor <input type="checkbox"/> Fair <input type="checkbox"/> Good
10. Rate your jurisdiction's ability to establish a radio communications link with other levels of government during an emergency or disaster.	<input type="checkbox"/> Poor <input type="checkbox"/> Fair <input type="checkbox"/> Good
11. Based on your experience, indicate the severity of each of the following obstacles to interoperability:	<input type="checkbox"/> Low <input type="checkbox"/> Moderate <input type="checkbox"/> High
▪ Different bands	<input type="checkbox"/> Low <input type="checkbox"/> Moderate <input type="checkbox"/> High
▪ Human and institutional limitations	<input type="checkbox"/> Low <input type="checkbox"/> Moderate <input type="checkbox"/> High
▪ Different communications modes	<input type="checkbox"/> Low <input type="checkbox"/> Moderate <input type="checkbox"/> High
▪ Limitations of commercial services	<input type="checkbox"/> Low <input type="checkbox"/> Moderate <input type="checkbox"/> High
▪ Limitations on funding	<input type="checkbox"/> Low <input type="checkbox"/> Moderate <input type="checkbox"/> High
▪ Different coverage areas	<input type="checkbox"/> Low <input type="checkbox"/> Moderate <input type="checkbox"/> High
▪ Turf issues	<input type="checkbox"/> Low <input type="checkbox"/> Moderate <input type="checkbox"/> High

Radio Communications Capability Worksheet (Continued)

Communications Systems	
1. What types of communications equipment are used by agencies within your jurisdiction?	<input type="checkbox"/> Handheld land portable radios <input type="checkbox"/> Pagers <input type="checkbox"/> Amateur radio <input type="checkbox"/> Telephone landline <input type="checkbox"/> Fax <input type="checkbox"/> Cellular fax <input type="checkbox"/> Laptop computer <input type="checkbox"/> Personal digital assistants <input type="checkbox"/> Fixed-wing aircraft radio <input type="checkbox"/> Vehicle-mounted mobile radio <input type="checkbox"/> Citizens band radios <input type="checkbox"/> Cellular phone <input type="checkbox"/> Mobile data terminal <input type="checkbox"/> Helicopter radio
2. Do agencies within the jurisdiction share the infrastructure for their land-based radio system with other agencies?	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. How many of the following are in your land-based radio system?	
<ul style="list-style-type: none"> ▪ Base stations 	
<ul style="list-style-type: none"> ▪ Repeaters 	
<ul style="list-style-type: none"> ▪ Control stations 	
4. What is the age range of the radio system(s) within your jurisdiction?	_____ Newest _____ Oldest
5. Does your jurisdiction use digital or analog radio systems?	<input type="checkbox"/> Digital <input type="checkbox"/> Analog
6. Which best describes the primary land mobile radio system used by agencies during an emergency response?	<input type="checkbox"/> Conventional <input type="checkbox"/> Trunked
7. Which radio frequencies are used for <u>voice only</u> communications? For each frequency, record the number of channels allocated to voice only communications.	Number of channels:
<input type="checkbox"/> Lowband VHF (25-50 MHz)	
<input type="checkbox"/> Highband VHF (150-174 MHz)	
<input type="checkbox"/> UHF (406-512 MHz)	
<input type="checkbox"/> 800 MHz (806-869 MHz)	
<input type="checkbox"/> Other (Identify)	

Radio Communications Capability Worksheet (Continued)

Communications Systems (Continued)	
8. Does the jurisdiction have the ability to patch across channels?	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. If your jurisdiction has the ability to patch across channels, how many simultaneous patches can be established?	Number of simultaneous patches:
10. Is a dispatcher required to set up and break down patches?	<input type="checkbox"/> Yes <input type="checkbox"/> No
11. How effective is the jurisdiction's ability to achieve interoperability through cross patches?	<input type="checkbox"/> Ineffective <input type="checkbox"/> Moderately effective <input type="checkbox"/> Highly effective
12. How serious are the following problems regarding your jurisdiction's land-based radio system?	
<ul style="list-style-type: none"> ▪ Number of channels 	<input type="checkbox"/> Not a problem <input type="checkbox"/> Sometimes a problem <input type="checkbox"/> Severe problem
<ul style="list-style-type: none"> ▪ Number of talk groups (for trunked systems) 	<input type="checkbox"/> Not a problem <input type="checkbox"/> Sometimes a problem <input type="checkbox"/> Severe problem
<ul style="list-style-type: none"> ▪ Dead spots 	<input type="checkbox"/> Not a problem <input type="checkbox"/> Sometimes a problem <input type="checkbox"/> Severe problem
<ul style="list-style-type: none"> ▪ Fading 	<input type="checkbox"/> Not a problem <input type="checkbox"/> Sometimes a problem <input type="checkbox"/> Severe problem
<ul style="list-style-type: none"> ▪ Frequency interference 	<input type="checkbox"/> Not a problem <input type="checkbox"/> Sometimes a problem <input type="checkbox"/> Severe problem
<ul style="list-style-type: none"> ▪ Static 	<input type="checkbox"/> Not a problem <input type="checkbox"/> Sometimes a problem <input type="checkbox"/> Severe problem
<ul style="list-style-type: none"> ▪ Battery failure 	<input type="checkbox"/> Not a problem <input type="checkbox"/> Sometimes a problem <input type="checkbox"/> Severe problem
<ul style="list-style-type: none"> ▪ Lack of equipment 	<input type="checkbox"/> Not a problem <input type="checkbox"/> Sometimes a problem <input type="checkbox"/> Severe problem
<ul style="list-style-type: none"> ▪ Outdated equipment 	<input type="checkbox"/> Not a problem <input type="checkbox"/> Sometimes a problem <input type="checkbox"/> Severe problem
<ul style="list-style-type: none"> ▪ Equipment size/weight 	<input type="checkbox"/> Not a problem <input type="checkbox"/> Sometimes a problem <input type="checkbox"/> Severe problem

Radio Communications Capability Worksheet (Continued)

Communications Systems (Continued)	
▪ Incompatible equipment	<input type="checkbox"/> Not a problem <input type="checkbox"/> Sometimes a problem <input type="checkbox"/> Severe problem
▪ Operational difficulty	<input type="checkbox"/> Not a problem <input type="checkbox"/> Sometimes a problem <input type="checkbox"/> Severe problem

Overall Capability Rating	
Review your responses to the questions in this worksheet. Based on the responses, how would you rate your jurisdiction's radio communications capability?	<input type="checkbox"/> Poor <input type="checkbox"/> Fair <input type="checkbox"/> Good