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DEPARTMENT OF PUBLIC SAFETY  
DIVISION OF FIRE SAFETY

## Radio Frequency Sharing Agreement Emergency Responder Use of State Licensed Radio Frequencies

1. This agreement is made between the Missouri Department of Public Safety, Division of Fire Safety, hereinafter called the “State”, and the \_\_\_\_\_, hereinafter called the “department”. The purpose of this agreement is to execute an authorization for the department to operate mobile and portable transmitters under terms of the State’s license on the radio frequencies listed below.

2. Subsequent to provisions of Federal Communications Commission (FCC) Regulation 47CFR90.421(b), the State grants specific and limited permission to the department to utilize the frequencies of **154.280, 154.265, 154.295, 154.2725, 154.2875, and 154.3025** MHz in the Fire Radio Service under the terms and conditions of the State’s FCC license. This license is assigned FCC call sign KB52595. Frequencies **154.2725, 154.2875, and 154.3025** MHz are newly approved frequencies that are narrow band frequencies, are immediately adjacent to currently licensed Fire Service frequencies **154.280, 154.265 and 154.295** and **per the FCC’s rules are dedicated for inter-service sharing within the Fire Discipline. It is required that the three narrow band frequencies have tone squelch (CTCSS) of 156.7 Hz added to help prevent radio interference. Frequencies 154.280, 154.265, 154.295 should remain with carrier squelch to allow outside response agencies the ability to make contact on those common frequencies as the development of the use of 154.2725, 154.2875 and 154.3025 matures.**

3. The primary function and use of the licensed frequencies shall be defined as: The operation of radio frequency **154.280**, designated as “Statewide Fire Mutual Aid” or “VFIRE21”, will be limited to use as a “Calling Channel” statewide. **This channel shall be for agency to agency use for requesting or coordinating fire mutual aid operations.** Operation of radio frequency **154.265**, designated as “Command 1” or “VFIRE22”, will be limited to statewide or regional coordinators, command level staff of departments and authorized team leaders of task forces/strike teams. Operation of radio frequency **154.295**, designated as “Command 2” or “VFIRE23”, will be limited to use by agencies as part of regional mutual aid activities. The use of radio frequency **154.2725**, designated as “Command 3” or “VFIRE24” will be limited to agencies’ incident operations during statewide or regional mutual aid activities. The operation of radio frequency **154.2875**, designated as “Command 4” or “VFIRE25”, will be limited to statewide or regional mutual aid operations. Radio frequency **154.3025**, designated as “Command 5-Staging” or “VFIRE26”, will be limited to contact between arriving and departing statewide or regional mutual aid resources and the local Incident command’s staging coordinator.

In lieu of the FCC's narrowband mandate set for January 1, 2013, which requires the reduction in all stations below 512 MHz of wideband emissions (20K) to narrowband emissions (not greater than 11K) per single voice path, the State hereby requires narrowband emissions be implemented on the following channels no later than March 1, 2012:

154.280 MHz Calling Channel

154.265 MHz Command 1

154.295 MHz Command 2

4. The State does hereby authorize the department to operate mobile and portable transmitters at transmitter output power levels **not** to exceed 110 watts Effective Radiated Power (ERP) within the State of Missouri area of operation as defined by the FCC license. Command Channels 3 and 4 should be operated at 10 watts Effective Radiated Power (ERP) or less to prevent adjacent channel interference with users of the Call Channel or Command Channels 1 & 2. Radios which are operating on the frequencies listed below will be limited to state-wide or regional mutual aid activities.

5. Secondary assignments for the use of these frequencies during regional mutual aid operations are authorized providing the use and operation is in compliance with FCC rules.

6. Subsequent to the provisions of FCC Regulation 47CFR90.425 governing station identification, those mobile units operated by the department under the terms of this memorandum shall identify themselves by department plus their assigned department radio identifier, and shall transmit the State's assigned FCC call sign "KB52595" at the conclusion of each series of transmissions.

7. Radio communication under the terms of this agreement shall be to the official conduct of business by the department. No personal communication of any kind is permitted.

8. By executing this agreement, the State and department do agree that under the terms and provisions of this agreement the department shall conform to the general technical and operational standards for communications equipment licensed by the Federal Communications Commission.

9. This agreement is intended to permit the department to operate mobile and portable transmitters under the terms and conditions of the license issued by the Federal Communications Commission to the State. Provision of this agreement shall be valid so long as both parties are in compliance with the standards established by the FCC'S Rules and Regulations, Title 45 Part 90.

10. This agreement is granted for an indefinite term, and may be terminated by either party upon written notice to the other. In the event that new federal law, FCC rules, or presidential order preempts the authority of the State to grant limited permission to operate these transmitters under terms of its license, this agreement shall be cancelled.

11. The number of transmitters and mobile unit identifiers assigned by the State shall be established by written correspondence, which shall be appended, to this agreement. This will allow minor technical changes to be executed without having to execute an entirely new agreement. A copy of the State's Federal Communications Commission license, a copy of the correspondence listing the total number and mobile unit identifiers assigned by the State, and a copy of this agreement shall constitute the full document for the shared use of these frequencies.

12. The parties signing this agreement shall have the power to bind the employees and functions of the agency for which they are signing.

Executed by:

Randy L. Cole  
State Fire Marshal

Representing:

State of Missouri  
Division of Fire Safety  
Department of Public Safety

And:

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Name and Title (Printed)

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Signature

Representing:

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Agency Name