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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 **154.2800, 154.2650, 154.2725, 154.2875, 154.2950 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. Per the FCC’s rules, these frequencies are dedicated for inter-service sharing within the Fire Discipline. **This agreement requires that all frequencies; 154.2800, 154.2650, 154.2725, 154.2875, 154.2950 and 154.3025, shall utilize continuous tone coded squelch (CTCSS) of 156.7 Hz added to the “transmit” audio function while no tone squelch shall be used on the “receive” audio function in order to limit radio interference while allowing all users to hear any other user on a non-tone squelched frequency or a frequency utilizing a different continuous tone coded squelch.**

3. The primary function and use of the licensed frequencies shall be defined as: The operation of radio frequency **154.2800**, previously designated as “Statewide Fire Mutual Aid” and now designated as “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 **154.2650**, previously designated as “Command 1” and now designated as “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 **154.2950**, previously designated as “Command 2” and now designated as “VFIRE23”, will be limited to use by agencies as part of regional mutual aid activities. The use of radio frequency **154.2725**, previously designated as “Command 3” and now designated as “VFIRE24” will be limited to agencies’ incident operations during statewide or regional mutual aid activities. The operation of radio frequency **154.2875**, previously designated as “Command 4” and now designated as “VFIRE25”, will be limited to statewide or regional mutual aid operations. Radio frequency **154.3025**, previously designated as “Command 5-Staging” and now designated as “VFIRE26”, will be limited to contact between arriving and departing statewide or regional mutual aid resources and the local Incident command’s staging coordinator.

As the FCC's narrowband mandate, designated as January 1, 2013, requires the reduction in all stations below 512 MHz utilizing wideband emissions (20K) to narrowband emissions (not greater than 11K) per single voice path, the State hereby requires narrowband emissions be implemented on all these frequencies by that deadline. The VFIRE naming conventions should be utilized in the display of the radio and the tone squelch requirements outlined above are also to be implemented on or before that date.

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 KB52595. VFIRE24 and VFIRE25 should be operated at 10 watts Effective Radiated Power (ERP) or less. Radios which are operating on the frequencies listed below will be limited to mutual aid activities.

5. Secondary assignments for the use of these frequencies during regional mutual aid operations are authorized if 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 47 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:

And:

\_\_\_\_\_  
Matthew J. Luetkemeyer

Representing:

State of Missouri  
Division of Fire Safety  
Department of Public Safety

\_\_\_\_\_

\_\_\_\_\_  
Name and Title (Printed)

\_\_\_\_\_  
Signature

Representing:

\_\_\_\_\_  
Agency Name



**DIVISION OF FIRE SAFETY  
MUTUAL AID FREQUENCY  
SHARING APPLICATION / REQUEST**

**PLEASE TYPE OR**

**MAIL OR FAX COMPLETED FORM TO:**

**MISSOURI DEPARTMENT OF PUBLIC  
SAFETY  
DIVISION OF FIRE SAFETY  
P.O. BOX 844  
JEFFERSON CITY, MO 65102  
FAX: 573-751-5710**

OFFICIAL NAME OF ORGANIZATION MAKING REQUEST:

FDID:

MAILING ADDRESS OF APPLICANT:

PHONE:

CITY, STATE, ZIP:

COUNTY:

NAME OF AUTHORIZED SIGNATORY FOR ORGANIZATION:

E-MAIL ADDRESS:

LIST THE PRIMARY RADIO FREQUENCY USED BY THE ORGANIZATION:

SIGNATURE:

DATE:

TITLE:

**FREQUENCIES REQUESTED / NUMBER OF RADIOS TO BE OPERATED ON EACH FREQUENCY**

**154.2800 – VFIRE21** – not to exceed 110 Watts

MOBILE RADIOS: \_\_\_\_\_ PORTABLE RADIOS : \_\_\_\_\_

**154.2650 – VFIRE22** – not to exceed 110 watts

MOBILE RADIOS: \_\_\_\_\_ PORTABLE RADIOS: \_\_\_\_\_

**154.2950 – VFIRE23** – not to exceed 110 watts

MOBILE RADIOS: \_\_\_\_\_ PORTABLE RADIOS: \_\_\_\_\_

**154.2725 – VFIRE24** - Not to exceed 10W

MOBILE RADIOS: \_\_\_\_\_ PORTABLE RADIOS: \_\_\_\_\_

**154.2875 – VFIRE25** – Not to exceed 10W

MOBILE RADIOS: \_\_\_\_\_ PORTABLE RADIOS: \_\_\_\_\_

**154.3025 – VFIRE26** – Not to exceed 110 W

MOBILE RADIOS: \_\_\_\_\_ PORTABLE RADIOS: \_\_\_\_\_