

Excerpt from:

**Manual of Regulations and Procedures for Federal Radio Frequency Management (Redbook)
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4.3.16 Plans for Federal Interoperability Channels for Interagency Law Enforcement and Incident Response Operations in the Bands 162-174 MHz and 406.1-420 MHz

CONDITIONS FOR USE

- 1 The plans shown in Tables 1 and 2 show frequencies available for assignment to all federal agencies to satisfy law enforcement and public safety incident response interoperability requirements. These frequencies will be referred to hereinafter as “Federal Interoperability Channels”.
- 2 The Federal Interoperability Channels are available for use among federal agencies and between federal agencies and non-federal entities with which federal agencies have a requirement to operate. The channels are available to federal agencies on a shared basis and will not be authorized for the exclusive use of any one federal agency.
- 3 The channels are available to non-federal entities to enable joint federal/non-federal operations for law enforcement and incident response, subject to the condition that harmful interference will not be caused to federal stations. These channels are restricted to interoperability communications and are not authorized for routine or administrative uses.
- 4 Extended operations and congestion may lead to frequency conflicts. Coordination with NTIA is required to resolve these conflicts.
- 5 Only narrowband emissions are to be used on the Federal Interoperability Channels.
 - 1 Federal agencies should have an assignment in the Government Master File (GMF) or be included in the Joint Applications (*JNT) circuit remarks in accordance with Chapter 9 of this Manual.
 - 2 Exceptions to the above restrictions will be considered by the Interdepartment Radio Advisory Committee (IRAC)/Frequency Assignment Subcommittee (FAS) on a case-by-case basis.

LAW ENFORCEMENT PLANS

- 1 Frequencies 167.0875 MHz and 414.0375 MHz are designated as National Calling Channels for initial contact **and will be identified in the radio as indicated in Table 1.**
- 2 Initial contact communications will be established using analog FM emission (11KF3E).
- 3 The interoperability channels **will be identified in mobile and portable radios as follows** with Continuous Tone-Controlled Squelch Systems (CTCSS) frequency 167.9 Hz and/or Network Access Code (NAC) \$68F:

| LE VHF PLAN | | | LE UHF PLAN | | |
|--------------------|------------------------------|-----------------------------|--------------------|------------------------------|-----------------------------|
| Identifier | Mobile Transmit (MHz) | Mobile Receive (MHz) | Identifier | Mobile Transmit (MHz) | Mobile Receive (MHz) |
| LEA | 167.0875 (Simplex) | 167.0875 | LEB | 414.0375 (Simplex) | 414.0375 |
| LE1 | 162.0875 | 167.0875 | LE10 | 418.9875 | 409.9875 |
| LE2 | 162.2625 | 167.2500 | LE11 | 419.1875 | 410.1875 |
| LE3 | 162.8375 | 167.7500 | LE12 | 419.6125 | 410.6125 |
| LE4 | 163.2875 | 168.1125 | LE13 | 414.0625 (Simplex) | 414.0625 |
| LE5 | 163.4250 | 168.4625 | LE14 | 414.3125 (Simplex) | 414.3125 |
| LE6 | 167.2500 (Simplex) | 167.2500 | LE15 | 414.3375 (Simplex) | 414.3375 |
| LE7 | 167.7500 (Simplex) | 167.7500 | LE16 | 409.9875 (Simplex) | 409.9875 |
| LE8 | 168.1125 (Simplex) | 168.1125 | LE17 | 410.1875 (Simplex) | 410.1875 |
| LE9 | 168.4625 (Simplex) | 168.4625 | LE18 | 410.6125 (Simplex) | 410.6125 |

INCIDENT RESPONSE PLANS

- 1 Frequencies 169.5375 MHz, paired with 164.7125 MHz, and 410.2375 MHz, paired with 419.2375 MHz, are designated as the calling channels for initial contact and will be identified in the radio as indicated in Table 2.
- 2 Initial contact will be established using analog FM emission (11KF3E).
- 3 To ensure access by stations from outside the normal area of operation, CTCSS will not be used on the calling channels.
- 4 The interoperability channels will be identified in mobile and portable radios as follows:

| IR VHF PLAN | | | IR UHF PLAN | | | | |
|--------------------|------------------------------|-----------------------------|--------------------|-------------------|------------------------------|-----------------------------|--------------|
| Identifier | Mobile Transmit (MHz) | Mobile Receive (MHz) | CTCSS | Identifier | Mobile Transmit (MHz) | Mobile Receive (MHz) | CTCSS |
| NC 1 Calling | 164.7125 | 169.5375 | None | NC 2 Calling | 419.2375 | 410.2375 | None |
| IR1 | 165.2500 | 170.0125 | As required | IR10 | 419.4375 | 410.4375 | As required |
| IR2 | 165.9625 | 170.4125 | As required | IR11 | 419.6375 | 410.6375 | As required |
| IR3 | 166.5750 | 170.6875 | As required | IR12 | 419.8375 | 410.8375 | As required |
| IR4 | 167.3250 | 173.0375 | As required | IR13 | 413.1875 (Simplex) | 413.1875 | As required |
| IR5 | 169.5375 (Simplex) | 169.5375 | As required | IR14 | 413.2125 (Simplex) | 413.2125 | As required |
| IR6 | 170.0125 (Simplex) | 170.0125 | As required | IR15 | 410.2375 (Simplex) | 410.2375 | As required |

| | | | | | | | | |
|------------|-----------------------|----------|--|----------------|-------------|-----------------------|----------|----------------|
| IR7 | 170.4125 (Simplex) | 170.4125 | | As required | IR16 | 410.4375 (Simplex) | 410.4375 | As required |
| IR8 | 170.6875 (Simplex) | 170.6875 | | As required | IR17 | 410.6375 (Simplex) | 410.6375 | As required |
| IR9 | 173.0375 (Simplex) | 173.0375 | | As required | IR18 | 410.8375 (Simplex) | 410.8375 | As required |