

## Department of Energy National Nuclear Security Administration

| SERIAL NUMBER | FREQUENCY   | SERVICE TYPE | SYSTEM NAME                      | BUREAU | TRANSMITTER STATE | TRANSMITTER GEOGRAPHIC LOCATION | TRANSMITTER LATITUDE | TRANSMITTER LONGITUDE | RECEIVER STATE | RECEIVER GEOGRAPHIC LOCATION | RECEIVER LATITUDE | RECEIVER LONGITUDE | RELOCATION TIMELINE (months) |                    |
|---------------|-------------|--------------|----------------------------------|--------|-------------------|---------------------------------|----------------------|-----------------------|----------------|------------------------------|-------------------|--------------------|------------------------------|--------------------|
| DOE 031549    | M1760.00000 | ML           | LANL Video/Audio Robotic Vehicle | AL     | NM                | LOS ALAMOS                      | 355227N              | 1061923W              | NM             | LOS ALAMOS                   | 355227N           | 1061923W           | 24                           | Deleted 8/28/2008  |
| DOE 680465    | M1733.50000 | MOD          | Sandia Telecommand Link          | AL     | NV                | TONOPAH TEST RANGE              | 374800N              | 1164500W              | NV             | TONOPAH TEST RANGE           | 374800N           | 1164500W           | 24                           | Deleted 7/27/2009  |
| DOE 802501    | M1815.00000 | FX           | Sandia Portable Laser Tracker    | AL     | NM                | ALBUQUERQUE                     | 350000N              | 1063300W              | NM             | ALBUQUERQUE                  | 350000N           | 1063300W           | 24                           | Deleted 7/27/2009  |
| DOE 802840    | M1725.00000 | FX           | Sandia Portable Laser Tracker    | AL     | NM                | ALBUQUERQUE                     | 350000N              | 1063300W              | NM             | ALBUQUERQUE                  | 350000N           | 1063300W           | 24                           | Deleted 7/27/2009  |
| DOE 872714    | M1762.80000 | FX           | OST Remote Keying                | AL     | NM                | ALBUQUERQUE                     | 350308N              | 1063248W              | NM             | ALBUQUERQUE                  | 350200N           | 1063000W           | 24                           | Deleted 6/27/2008  |
| DOE 872716    | M1712.80000 | FX           | OST Remote Keying                | AL     | NM                | ALBUQUERQUE                     | 350200N              | 1063000W              | NM             | ALBUQUERQUE                  | 350308N           | 1063248W           | 24                           | Deleted 6/27/2008  |
| DOE 873251    | M1730.00000 | FX           | Pantex Backbone Microwave        | AL     | TX                | AMARILLO                        | 351850N              | 1013323W              | TX             | AMARILLO                     | 351450N           | 1014933W           | 24                           | Deleted 3/25/2009  |
| DOE 873252    | M1820.00000 | FX           | Pantex Backbone Microwave        | AL     | TX                | AMARILLO                        | 351450N              | 1014933W              | TX             | AMARILLO                     | 351850N           | 1013323W           | 24                           | Deleted 3/25/2009  |
| DOE 912759    | M1725.00000 | FX           | Sandia Portable Laser Tracker    | AL     | NV                | TONOPAH TEST RANGE              | 374400N              | 1164600W              | NV             | TONOPAH TEST RANGE           | 374400N           | 1164600W           | 24                           | Deleted 3/25/2009  |
| DOE 921537    | M1743.00000 | FX           | OST Backbone Microwave Link      | AL     | AR                | FORT CHAFFEE                    | 340300N              | 0940500W              | AR             | FORT CHAFFEE                 | 340344N           | 0940500W           | 24                           |                    |
| DOE 972568    | M1743.00000 | FX           | SNL Video/Audio Robotic Vehicle  | AL     | NM                | ALBUQUERQUE                     | 350259N              | 1063248W              | NM             | ALBUQUERQUE                  | 350302N           | 1063248W           | 24                           | Deleted 7/27/2009  |
| DOE 800747    | M1722.50000 | MA           | NV Airborne Video                | NV     | NV                | NEVADA TEST SITE                | 365605N              | 1160318W              | NV             | NEVADA TEST SITE             | 365605N           | 1160318W           | 24                           | Deleted 09/09/2009 |
| DOE 810703    | M1711.00000 | FX           | YMP Microwave System             | NV     | NV                | NEVADA TEST SITE                | 364619N              | 1160701W              | NV             | NEVADA TEST SITE             | 364619N           | 1160701W           | 24                           |                    |
| DOE 810705    | M1813.00000 | FX           | YMP Microwave System             | NV     | NV                | NEVADA TEST SITE                | 364619N              | 1160701W              | NV             | NEVADA TEST SITE             | 364619N           | 1160701W           | 24                           |                    |
| DOE 810770    | M1730.00000 | FX           | NV Backbone Microwave Link       | NV     | NV                | NEVADA TEST SITE                | 363931N              | 1160001W              | NV             | ANGEL PEAK                   | 361907N           | 1153428W           | 24                           | Deleted 2/25/2008  |
| DOE 810770R   |             |              |                                  |        |                   |                                 |                      |                       | NV             | NEVADA TEST SITE             | 363916N           | 1160238W           |                              | Deleted 2/25/2008  |
| DOE 810771    | M1768.00000 | FX           | NV Backbone Microwave Link       | NV     | NV                | ANGEL PEAK                      | 361907N              | 1153428W              | NV             | NEVADA TEST SITE             | 363931N           | 1160001W           | 24                           | Deleted 2/25/2008  |
| DOE 810771R   |             |              |                                  |        |                   |                                 |                      |                       | NV             | NEVADA TEST SITE             | 363916N           | 1160238W           |                              | Deleted 2/25/2008  |
| DOE 850783    | M1748.50000 | MA           | NV Airborne Video                | NV     | NV                | NV                              | 371036N              | 1161225W              | NV             | NEVADA TEST SITE             | 371036N           | 1161225W           | 24                           | Deleted 09/09/2009 |
| DOE 930423    | M1732.00000 | FX           | YMP Seismic Link                 | NV     | NV                | YUCCA MOUNTAIN                  | 364909N              | 1162801W              | NV             | SOBER PEAK                   | 370034N           | 1164729W           | 24                           | Deleted 08/20/2009 |
| DOE 930424    | M1828.00000 | FX           | YMP Seismic Link                 | NV     | NV                | SOBER PEAK                      | 370034N              | 1164729W              | NV             | YUCCA MOUNTAIN               | 364909N           | 1162801W           | 24                           | Deleted 08/20/2009 |
| DOE 050511    | M1715.00000 | ML           | NV Teleoperated Storage System   | NV     | NV                | NEVADA TEST SITE AREA 5         | 363607N              | 1155841W              | NV             | NEVADA TEST SITE AREA 5      | 363607N           | 1155841W           | 24                           | Deleted 09/09/2009 |
| DOE 940458    | M1715.00000 | FX           | YMP Seismic Link                 | NV     | NV                | SHOSHONE MTN                    | 365637N              | 1161536W              | NV             | ECHO PEAK                    | 371246N           | 1161924W           | 24                           | Deleted 09/09/2009 |
| DOE 940459    | M1780.00000 | FX           | YMP Seismic Link                 | NV     | NV                | ECHO PEAK                       | 371246N              | 1161924W              | NV             | SHOSHONE MOUNTAIN            | 365637N           | 1161536W           | 24                           | Deleted 09/09/2009 |
| DOE 033837    | M1730.00000 | MA           | LLNL Research Data From Tracy    | OAK    | CA                | TRACY AIRPORT                   | 374002N              | 1211030W              | CA             | TRACY AIRPORT                | 374002N           | 1211030W           | 24                           | Deleted 09/09/2009 |
| DOE 864729    | M1738.00000 | FX           | LLNL SCADA Water System          | OAK    | CA                | LIVERMORE                       | 374009N              | 1214217W              | CA             | MOCHO                        | 373605N           | 1213940W           | 24                           | Deleted 2/25/2008  |
| DOE 864729R   |             |              |                                  |        |                   |                                 |                      |                       | CA             | MENDENHALL                   | 373617N           | 1214035W           |                              | Deleted 2/25/2008  |
| DOE 864730    | M1786.00000 | FX           | LLNL SCADA Water System          | OAK    | CA                | MOCHO                           | 373605N              | 1213940W              | CA             | LIVERMORE                    | 374039N           | 1214217W           | 24                           | Deleted 2/25/2008  |
| DOE 864730R   |             |              |                                  |        |                   |                                 |                      |                       | CA             | MENDENHALL                   | 373617N           | 1214035W           |                              | Deleted 2/25/2008  |

BUREAU CODE FOR ALBUQUERQUE OFFICE - AL  
 BUREAU CODE FOR NEVADA OFFICE - NV  
 BUREAU CODE FOR OAKLAND OFFICE - OAK

FREQUENCY ASSIGNMENTS HIGHLIGHTED IN BLUE ARE RELOCATING TO OTHER SERVICES USING RELOCATION FUNDS.  
 SERIAL NUMBERS ENDING IN "R" ARE REFLECTORS/REPEATERS

FREQUENCY ASSIGNMENTS HIGHLIGHTED IN TAN HAVE BEEN DELETED SINCE 6/14/2006  
 FREQUENCY ASSIGNMENTS HIGHLIGHTED IN LIGHT RED HAVE BEEN MODIFIED SINCE 6/14/2006

FREQUENCY ASSIGNMENTS HIGHLIGHTED IN DARK GRAY HAVE BEEN DELETED AS INDICATED