

# UNITED STATES FREQUENCY ALLOCATIONS THE RADIO SPECTRUM

## RADIO SERVICES COLOR LEGEND

|                                                                                                                  |                                                                                                               |                                                                                                                |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
|  AERONAUTICAL MOBILE            |  INTER-SATELLITE             |  RADIO ASTRONOMY              |
|  AERONAUTICAL MOBILE SATELLITE  |  LAND MOBILE                 |  RADIODETERMINATION SATELLITE |
|  AERONAUTICAL RADIONAVIGATION |  LAND MOBILE SATELLITE     |  RADIOLOCATION              |
|  AMATEUR                      |  MARITIME MOBILE           |  RADIOLOCATION SATELLITE    |
|  AMATEUR SATELLITE            |  MARITIME MOBILE SATELLITE |  RADIONAVIGATION            |
|  BROADCASTING                 |  MARITIME RADIONAVIGATION  |  RADIONAVIGATION SATELLITE  |
|  BROADCASTING SATELLITE       |  METEOROLOGICAL            |  SPACE OPERATION            |

## ACTIVITY CODE

 FEDERAL EXCLUSIVE  FEDERAL/NON-FEDERAL SHARED

## ALLOCATION USAGE DESIGNATION

| SERVICE   | EXAMPLE | DESCRIPTION                         |
|-----------|---------|-------------------------------------|
| Primary   | FIXED   | Capital Letters                     |
| Secondary | Mobile  | 1st Capital with lower case letters |

This chart is a graphic single-point-in-time portrayal of the Table of Frequency Allocations used by the FCC and NTIA. As such, it may not completely reflect all aspects, i.e. footnotes and recent changes made to the Table of Frequency Allocations. Therefore, for complete information, users should consult the Table to determine the current status of U.S. allocations.



**U.S. DEPARTMENT OF COMMERCE**  
National Telecommunications and Information Administration  
Office of Spectrum Management

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\* EXCEPT AERONAUTICAL MOBILE (R)

\*\* EXCEPT AERONAUTICAL MOBILE

**PLEASE NOTE:** THE SPACING ALLOTTED THE SERVICES IN THE SPECTRUM SEGMENTS SHOWN IS NOT PROPORTIONAL TO THE ACTUAL AMOUNT OF SPECTRUM OCCUPIED.