UNITED STATES FREQUENCY ALLOCATIONS

THE RADIO SPECTRUM

RADIO SERVICES COLOR LEGEND

- AERONAUTICAL MOBILE
- AERONAUTICAL MOBILE SATELLITE
- AERONAUTICAL RADIONAVIGATION
- AMATEUR
- AMATEUR SATELLITE
- BROADCASTING
- BROADCASTING SATELLITE
- EARTH EXPLORATION SATELLITE
- FIXED
- FIXED SATELLITE
- INTER-SATELLITE
- LAND MOBILE
- LAND MOBILE SATELLITE
- MARITIME MOBILE
- MARITIME MOBILE SATELLITE
- MARITIME RADIONAVIGATION
- METEOROLOGICAL AIDS
- METEOROLOGICAL SATELLITE
- MOBILE
- MOBILE SATELLITE
- RADIO ASTRONOMY
- RADIODETERMINATION SATELLITE
- RADIOLOCATION
- RADIOLOCATION SATELLITE
- RADIONAVIGATION
- RADIONAVIGATION SATELLITE
- SPACE OPERATION
- SPACE RESEARCH
- STANDARD FREQUENCY AND TIME SIGNAL
- STANDARD FREQUENCY AND TIME SIGNAL SATELLITE

ACTIVITY CODE

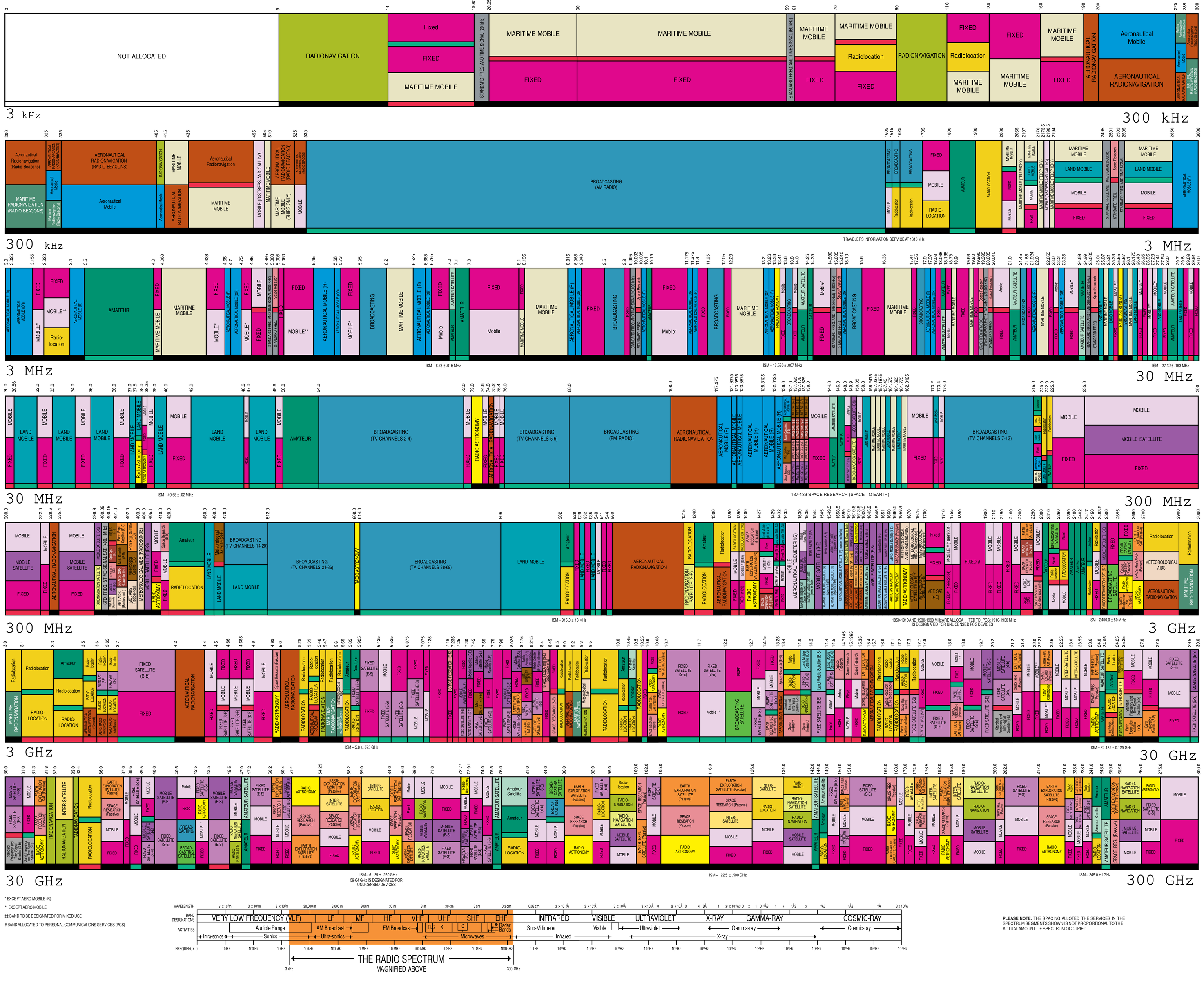
- GOVERNMENT EXCLUSIVE
- GOVERNMENT/NON-GOVERNMENT SHARED
- NON-GOVERNMENT EXCLUSIVE

ALLOCATION USAGE DESIGNATION

SERVICE	EXAMPLE	DESCRIPTION
Primary	FIXED	Capital Letters
Secondary	Mobile	1st Capital with lower case letters
Permitted	/BROADCASTING/	Capital Letters between oblique strokes

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

March 1996


3 kHz
300 kHz
300 kHz
3 MHz
3 MHz
30 MHz
30 MHz
300 MHz
3 GHz
3 GHz
30 GHz
30 GHz
300 GHz
NOT ALLOCATED
RADIONAVIGATION
Fixed
FIXED
MARITIME MOBILE
STANDARD FREQ. AND TIME SIGNAL (20 kHz)
MARITIME MOBILE
FIXED
MARITIME MOBILE
Radiolocation
FIXED
STANDARD FREQ. AND TIME SIGNAL (60 kHz)
MARITIME MOBILE
FIXED
RADIONAVIGATION
Radiolocation
MARITIME MOBILE
FIXED
MARITIME MOBILE
FIXED
AERONAUTICAL RADIONAVIGATION
Aeronautical Mobile
AERONAUTICAL RADIONAVIGATION
Aeronautical Mobile
Radiolocation
AERONAUTICAL RADIONAVIGATION
Aeronautical Mobile
Radiolocation
Meteorological Aids
Radionavigation
AERONAUTICAL RADIONAVIGATION
Aeronautical Mobile
Radiolocation
Meteorological Aids
Radionavigation
Aeronautical Radionavigation (Radio Beacons)
MARITIME RADIONAVIGATION (RADIO BEACONS)
AERONAUTICAL RADIONAVIGATION (RADIO BEACONS)
Aeronautical Mobile
RADIONAVIGATION
AERONAUTICAL RADIONAVIGATION
Aeronautical Radionavigation
MARITIME MOBILE
MOBILE-DISTRESS AND CALLING
MARITIME MOBILE
AERONAUTICAL RADIONAVIGATION (RADIO BEACONS)
MARITIME MOBILE (SHIPS ONLY)
BROADCASTING (AM RADIO)
BROADCASTING
Radiolocation
Radionavigation
MOBILE
FIXED
MOBILE
RADIO-LOCATION
AMATEUR
RADIOLOCATION
MARITIME MOBILE
FIXED
MOBILE
MARITIME MOBILE (TELEPHONY)
MARITIME MOBILE
MARITIME MOBILE (TELEPHONY)
MARITIME MOBILE
MARITIME MOBILE (TELEPHONY)
MARITIME MOBILE
LAND MOBILE
MOBILE
FIXED
MARITIME MOBILE
LAND MOBILE
MOBILE
FIXED
STANDARD FREQ. AND TIME SIGNAL
STANDARD FREQ.
STANDARD FREQ. AND TIME SIGNAL
MARITIME MOBILE
LAND MOBILE
MOBILE
FIXED
AERONAUTICAL MOBILE (R)
TRAVELERS INFORMATION SERVICE AT 1610 kHz
AERONAUTICAL MOBILE OR
AERONAUTICAL MOBILE (R)
MOBILE*
FIXED
MOBILE**
Radio-location
AERONAUTICAL MOBILE (R)
AMATEUR
MARITIME MOBILE
FIXED
MOBILE*
AERONAUTICAL MOBILE (R)
AERONAUTICAL MOBILE OR
MOBILE*
FIXED
AERONAUTICAL MOBILE OR
MOBILE
Space Research
STANDARD FREQ.
FIXED
FIXED
MOBILE**
AERONAUTICAL MOBILE (R)
AERONAUTICAL MOBILE OR
MOBILE*
BROADCASTING
MARITIME MOBILE
AERONAUTICAL MOBILE (R)
AERONAUTICAL MOBILE OR
Mobile
FIXED
AMATEUR SATELLITE
AMATEUR
FIXED
Mobile
MARITIME MOBILE
MARITIME MOBILE
AERONAUTICAL MOBILE (R)
AERONAUTICAL MOBILE OR
FIXED
BROADCASTING
STANDARD FREQ. METEOR. SIGNALS (WWV)
STANDARD FREQ.
Space Research
FIXED
AERONAUTICAL MOBILE OR
Mobile*
BROADCASTING
MARITIME MOBILE
AERONAUTICAL MOBILE OR
AERONAUTICAL MOBILE (R)
BROADCASTING
AERONAUTICAL RADIONAVIGATION
Maritime
AMATEUR SATELLITE
AMATEUR
FIXED
Mobile*
STANDARD FREQ. AND TIME SIGNAL (WWV)
STANDARD FREQ.
Space Research
FIXED
BROADCASTING
FIXED
MARITIME MOBILE
FIXED
SPACE RESEARCH
AERONAUTICAL MOBILE (R)
AERONAUTICAL RADIONAVIGATION
AMATEUR SATELLITE
Space
MARITIME MOBILE
FIXED
LAND MOBILE
MARITIME MOBILE
STANDARD FREQ.
FIXED
MOBILE
RADIO ASTRONOMY
MOBILE**
AMATEUR SATELLITE
AMATEUR
FIXED
MOBILE**
MOBILE**
AMATEUR SATELLITE
AMATEUR
FIXED
MOBILE
ISM – 6.78 ± .015 MHz
ISM – 13.560 ± .007 MHz
ISM – 27.12 ± .163 MHz
MOBILE
LAND MOBILE
FIXED
MOBILE
LAND MOBILE
FIXED
MOBILE
LAND MOBILE
FIXED
MOBILE
LAND MOBILE
FIXED
MOBILE
LAND MOBILE
Radio Astronomy
FIXED
MOBILE
LAND MOBILE
FIXED
MOBILE
LAND MOBILE
FIXED
MOBILE
LAND MOBILE
FIXED
MOBILE
AMATEUR
BROADCASTING (TV CHANNELS 2-4)
MOBILE
FIXED
RADIO ASTRONOMY
FIXED
MOBILE
MOBILE
BROADCASTING (TV CHANNELS 5-6)
BROADCASTING (FM RADIO)
AERONAUTICAL RADIONAVIGATION
AERONAUTICAL MOBILE (R)
AERONAUTICAL RADIONAVIGATION
AERONAUTICAL MOBILE (R)
AERONAUTICAL MOBILE (R)
MOBILE
FIXED
MOBILE
MOBILE SATELLITE
FIXED
MOBILE
BROADCASTING (TV CHANNELS 7-13)
FIXED
MOBILE
MOBILE SATELLITE
FIXED
ISM – 40.68 ± .02 MHz
137-139 SPACE RESEARCH (SPACE TO EARTH)
MOBILE
MOBILE SATELLITE
FIXED
MOBILE
MOBILE SATELLITE
FIXED
MOBILE
MOBILE SATELLITE
FIXED