International Table			United States Table		FCC use designators	
Region 1 allocation MHz	Region 2 allocation MHz	Region 3 allocation MHz	Government alloca- tion MHz	Non-Government al- location MHz	Rule part(s)	Special- use fre- quen- cies
(1)	(2)	(3)	(4)	(5)	(6)	(7)
METEOROLOGI- CAL AIDS METEORO-LOG- ICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) 647A MOBILE-SAT- ELLITE (space-to- Earth) 599B Space-Operation (space-to-Earth) 647 647B	METEOROLOGI- CAL AIDS METEORO-LOG- ICAL-SATELLITE (space-to-Earth) SPACE RE- SEARCH (space- to-Earth) 647A MOBILE-SAT- ELLITE (space- to-Earth) 599B Space-Operation (space-to-Earth)	METEOROLOGI- CAL AIDS METEORO-LOG- ICAL-SATELLITE (space-to-Earth) SPACE RE- SEARCH (space- to-Earth) 647A MOBILE-SAT- ELLITE (space- to-Earth) 599B Space-Operation (space-to-Earth)	METEOROLOGI- CAL AIDS (radio- sonde) METEOROLOGI- CAL-SATELLITE (space-to-Earth) SPACE RE- SEARCH (space- to-Earth) 647A MOBILE-SAT- ELLITE (space- to-Earth) 599B US319 US320 US324 Space Operation (space-to-Earth) 647 647B US70	METEOROLOGI- CAL AIDS (radio- sonde) METEOROLOGI- CAL-SATELLITE (space-to-Earth) SPACE RE- SEARCH (space- to-Earth) 647A MOBILE-SAT- ELLITE (space- to-Earth) 599B US319 US320 US324 Space Operation (space-to-Earth) 647 647B US70	SATELLITE COMMUNICA- (25)	

## **International Footnotes** \*

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599A The use of the band 137-138 MHz by the mobile-satellite service is subject to the application of the coordination and notification procedures set forth in Resolution RES46 (WARC-92). However, coordination of a space station of the mobilesatellite service with respect to terrestrial services is required only if the power fluxdensity produced by the station exceeds 125 dB(W/m<sup>2</sup>/4 kHz) at the Earth's surface. The above power flux-density limit shall apply until such time as a competent world administrative radio conference revises it. In making assignments to the space stations in the mobile-satellite service in the above band, administrations shall take all practicable steps to protect the radio astronomy service in the 150.05-153 MHz band from harmful interference from unwanted emissions.

599B The use of the bands 137-138 MHz, 148-149.9 MHz and 400.15-401 MHz by the mobile-satellite service and the band 149.9-150.05 MHz by the land mobile-satellite service is limited to non-geostationarysatellite systems.

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608A The use of the band 148-149.9 MHz by the mobile-satellite service is subject to the application of the coordination and notification procedures set forth in Resolution RES46 (WARC-92). The mobilesatellite service shall not constrain the development and use of fixed, mobile and space operation services in the band 148-149.9 MHz. Mobile earth stations in the mobile-satellite service shall not produce a power flux-density in excess of -150 dB(W/)m<sup>2</sup>/4 kHz) outside national boundaries.

608B The use of the band 149.9-150.05 MHz by the land mobile-satellite service is subject to the application of the coordination and notification procedures set forth in Resolution RES46 (WARC-92). The land mobile-satellite service shall not constrain

the development and use of the radionavigation-satellite service in the band 149.9-150.05 MHz. Land mobile earth stations of the land mobile-satellite service shall not produce power flux-density in excess of -150 dB(W/m<sup>2</sup>/4kHz) outside national boundaries.

608C Stations of the mobile-satellite service in the band 148-149.9 MHz shall not cause harmful interference to, or claim protection from stations of the fixed or mobile services in the following countries: Algeria, the Federal Republic of Germany, Saudi Arabia, Australia, Austria, Bangladesh, Belarus, Belgium, Brunei Darussalam, Bulgaria, Cameroon, Canada, Cyprus, Colombia, Congo, Cuba, Denmark, Egypt, the United Arab Emirates, Ecuador, Spain, Ethiopia, the Russian Federation, Finland, France, Ghana, Greece, Honduras, Hungary, Iran, Ireland, Iceland, Israel, Italy, Japan, Jordan, Kenya, Libya, Liechtenstein, Luxembourg, Malaysia, Mali, Malta, Mauritania, Mozambique, Namibia, Norway, New Zealand, Oman, Pakistan, Panama, Papua New Guinea, the Netherlands, Phillippines, Poland, Portugal, Qatar, Syria, Romania, the United Kingdom, Singapore, Sri Lanka, Sweden, Switzerland, Suriname, Swaziland, Tanzania, Chad, the Czech and Slovak Federal Republic, Thailand, Tunisia, Turkey, Ukraine, Yemen and Yugoslavia that operate in accordance with the Table of Frequency Allocations.

609B In the band 149.9-150.05MHz, the allocation to the land mobile-satellite service shall be on a secondary basis until 1 January 1997.

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647A The band 400.15-401 MHz is also allocated to the space research service in the space-to-space direction for communications with manned space vehicles. In this application, the space research service will not be regarded as a safety service.

647B The use of the band 400.15-401 MHz by the mobile-satellite service is subject to the application of the coordination and notification procedures set forth in Resolution RES46 (WARC-92). However, coordination of a space station of the mobilesatellite service with respect to terrestrial services is required only if the power fluxdensity produced by the station exceeds -125 dB(W/m<sup>2</sup>/4kHz) at the Earth's surface. The above power flux-density limit shall apply until such time as a competent world administrative radio conference revises it. In making assignments to the space stations in the mobile-satellite service in the above band, administrations shall take all practicable steps to protect the radio astronomy service in the band 406.1-410 MHz from harmful interference from unwanted emissions.

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## **United States (US) Footnotes** \*

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US318 Until January 1, 2000, the use of the 137-138 MHz band by the mobile-satellite service will be secondary to Government satellite operations in the subbands: 137.333-137.367, 137.485-137.515, 137.605-137.635 and 137.753-137.787 MHz.

US319 In the 137-138, 148-149.9, 149.9-150.05, 399.9-400.05, and 400.15-401 MHz bands, Government stations in the mobilesatellite service shall be limited to earth stations operating with non-Government satellites.

US320 Use of the 137-138, 148-149.9, and 400.15-401 MHz bands by the mobilesatellite service is limited to non-voice, nongeostationary satellite systems and may include satellite links between land earth stations at fixed locations.

US322 The 149.9-150.05 MHz band is allocated to the mobile-satellite service (Earth-to-space) on a primary basis after 1 January 1997 and shall be limited to non-

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