Cellular Service Areas

Identification Information:

    Citation:

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    Title: Cellular Service Areas

    Geospatial Data Presentation Form: vector digital data

    Online Linkage: http://wireless.fcc.gov/services/cellular/A_Block_CGSA.geojson

    Online Linkage: https://www.fcc.gov/general/cellular-geographic-service-areas

    Online Linkage: http://wireless.fcc.gov/services/cellular/B_Block_CGSA.geojson

    Online Linkage: HIFLD Open Data (https://gii.dhs.gov/hifld/data/open)

    Description:

    Abstract: This dataset represents Cellular Service Area Boundaries aggregated by callsign.

    Purpose: This dataset serves as base information for use in GIS systems for general planning, analytical, and research purposes. It is not intended for engineering work or to legally define FCC licensee data or FCC market boundaries. The material in these data and text files are provided as-is. The FCC disclaims all warranties with regard to the contents of these files, including their fitness. In no event shall the FCC be liable for any special, indirect, or consequential damages whatsoever resulting from loss or use, data, or profits, whether in connection with the use or performance of the contents of these files, action of contract, negligence, or other action arising out of, or in connection with the use of the contents of these files. It is known that there are some errors in the licensing information - Latitude, Longitude and Ground Elevation data as well as frequency assignment data from which these files were generated. This dataset represents cellular service areas aggregated by callsign.

    Supplemental Information: If you are using this dataset as a shapefile, please be aware that it was converted from a Geodatabase. As a result, this shapefile may have attribution and metadata errors resulting from the conversion process. The following are known issues: null values may have been changed to 0s (zeros) or to blank values, numbers (including latitude and longitude) may have been rounded up or down, there may be issues with Unicode character strings, and time cannot be stored in a date field. Field names may have been truncated to no longer than 10 characters or completely changed, lengthy string attributes may have been truncated to 254 characters, and attribute columns may have been deleted. Shapefiles do not support coded domains and subtypes therefore the original file geodatabase attribution and metadata information for coded domains and subtypes could be incorrect or missing in the shapefile version. Please visit the following ESRI website for more information: caution-http://pro.arcgis.com/en/pro-app/tool-reference/appendices/geoprocessing-considerations-for-Shapefile-output.htm

    Status:

    Progress: Complete

    Maintenance and Update Frequency: Daily

    Keywords:

    Theme:

    Theme Keyword Thesaurus: None

    Theme Keyword: Boundaries

    Theme Keyword: Wireless

    Theme Keyword: Service areas

    Theme Keyword: Cellular

    Theme Keyword: Callsign

Theme Keyword: Federal Communications Commission
Theme Keyword: FCC
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: boundaries
Theme Keyword: utilitiesCommunication
Place:
Place Keyword Thesaurus: None
Place Keyword: Northern Marianas
Place Keyword: Puerto Rico
Place Keyword: Hawaii
Place Keyword: Guam
Place Keyword: Alaska
Place Keyword: CONUS
Place Keyword: Continental United States
Place Keyword: U.S. Virgin Islands
Place Keyword: American Samoa
Access Constraints: Access Constraint: None (Public Domain Information)
Use Constraints: Use Constraint: None (Public Use)
Point of Contact:
Contact Information:
Contact Organization Primary:
Contact Organization: Federal Communications Commission (FCC)
Contact Position: Senior Engineer
Data Quality Information:
Lineage:
Process Step:
Process Description:
The letter casing and abbreviations have been standardized in the
LICENSEE attribute column.
Process Contact:
Contact Information:
Contact Organization Primary:
Contact Organization: HIFLD Support Team
Spatial Data Organization Information:
Point and Vector Object Information:
SDTS Terms Description:
Point and Vector Object Count: 1725
Entity and Attribute Information:
Detailed Description:
Entity Type:
Entity Type Label: CellularServiceAreas
Entity Type Definition Source: FCC
Attribute:
Attribute Label: ULS_ID
Attribute Definition: Universal Licensing System ID
Attribute Definition Source: FCC
Attribute:
Attribute Label: OBJECTID
Attribute Definition: Internal feature number.
Attribute Definition Source: ESRI
Attribute Domain Values:

Unrepresentable Domain: Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute Label: Shape_Area
Attribute Definition: Area of feature in internal units squared.
Attribute Definition Source: ESRI
Attribute Domain Values:
Unrepresentable Domain: Positive real numbers that are automatically generated.
Attribute:
Attribute Label: Shape
Attribute Definition: Feature geometry.
Attribute Definition Source: ESRI
Attribute Domain Values:
Unrepresentable Domain: Coordinates defining the features.
Attribute:
Attribute Label: CALL
Attribute Definition: Callsign
Attribute Definition Source: FCC
Attribute Domain Values:
Unrepresentable Domain: This field is unrepresentable.
Attribute:
Attribute Label: Shape_Length
Attribute Definition: Length of feature in internal units.
Attribute Definition Source: ESRI
Attribute Domain Values:
Unrepresentable Domain: Positive real numbers that are automatically generated.
Attribute:
Attribute Label: LICENSEE
Attribute Definition: Licensee
Attribute Definition Source: FCC
Attribute Domain Values:
Unrepresentable Domain: This field is unrepresentable.
Distribution Information:
Distribution Liability: See access and use constraints information.
Metadata Reference Information:
Metadata Contact:
Contact Information:
Contact Organization Primary:
Contact Organization: Federal Communications Commission (FCC)
Contact Position: Senior Engineer
Metadata Standard Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata Standard Version: FGDC-STD-001-1998
Metadata Time Convention: local time