

YSC, Title 20. Planning & Economic Development

Chapter 5. Land Coordinate System

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§501. Land coordinate system.

The system of plane coordinates is established for defining and stating the positions and locations of points on the surface of the earth within the State and any land description in which it is used shall be designated as the Land Coordinate System of Yap Islands.

Source: YDC §5000(a), as enacted by YDL 4-14 §1, modified.

Commission Comment: The provisions of YDL 4-14 added a new section 5000 to Chapter 5, Part A of the Yap District Code. The subsections of section 5000 make up the separate sections of this chapter.

§502. Intent.

It is the intent of the Legislature to create a land coordinate system to provide and establish a permanent and lasting system for survey control whereby coordinate values hereinafter referred to shall become a matter of public reference; to facilitate the coordination of all land surveys made within the State; to facilitate the coordination of mapping processes as between the State and present or future governmental agencies created by the Government of the Trust Territory of the Pacific Islands, or its successors in interest; and to facilitate future photogrammetric surveys as may be declared essential to the orderly progress of said surveys.

Source: YDC §5000(b), as enacted by YDL 4-14 §1, modified.

§503. Description of system.

For the purpose of establishing permanent and lasting survey values:

(a) The plane coordinates of a point on the surface of the earth used in expressing the position or locations of such points in this system shall consist of two distances expressed in meters and decimals of meters. One of these distances, to be known as X-coordinate, shall give the east and west direction. The other, to be known as Y-coordinate, shall give the north and south direction. These coordinates shall be made to depend upon and conform to the coordinates of the Yap Island coordinate system of the triangulation and traverse stations as hereinafter established, as those coordinates have been determined by the Division of Land Management.

(b) The Yap Islands coordinate system is hereby defined as a modified azimuthal equal distance projection in which the geodetic origin and the geodetic distance and the grid azimuth coincide at the point of origin and the geodetic distance and the grid distance are the same between the point of origin and any other point of the projection. This projection is based on the Clark Spheroid of 1866 and the 1965 Guam Datum. The point or origin of the system is station "YAP SECOR AMS 1965", having assigned to it the coordinates NORTH 60,000.00 meters, and EAST 40,000.00 meters. The geodetic position of "YAP SECOR" is 9 degrees 32 minutes 48.15 seconds NORTH latitude and 138 degrees 10 minutes 7.48 seconds EAST longitude. The basis of this coordinate system shall be the survey network established by the Army Map Service 1965 and extended by the U.S. Geological Survey in 1970.

(c) Any triangulation and/or traverse station established as described in this section may be used in establishing connection between a property survey and the above mentioned system of rectangular coordinates.

(d) No survey of lands or maps or other documents hereinafter made shall have endorsed thereon any legend or other statement indicating that it is based upon the Yap Islands coordinate system unless the coordinates have been established on that system as herein defined.

Source: YDC §5000(c), as enacted by YDL 4-14 §1, modified.

§504. Application to purchaser or mortgager.

Nothing contained in section 503 of this chapter shall be interpreted as requiring any purchaser or mortgager to rely upon a description based wholly upon the Yap Islands coordinate system.

Source: YDC §5000(d), as enacted by YDL 4-14 §1, modified.

Cross-reference: Section 503 of this chapter is on description of system.

§505. Penalties.

Any person who wilfully alters, defaces, or removes any marker erected for the purpose of designating any triangulation or traverse station of the Yap Islands coordinate system, or who violates the provisions of section 503(d) of this chapter, shall be guilty of a misdemeanor and upon conviction thereof, shall be imprisoned for a period of not more than one year, or fined not more than \$100.00, or both.

Source: YDC §5000(e), as enacted by YDL 4-14 §1, modified.

Cross-reference: Section 503 of this chapter is on description of system.

Commission Comment: The provisions of YDL 4-14 added a new section 5000 to Chapter 5, Part A of the Yap District Code. The subsections of section 5000 make up the separate sections of this chapter.