

HOUSE BILL NO. 148

IN THE LEGISLATURE OF THE STATE OF ALASKA

THIRTY-SECOND LEGISLATURE - FIRST SESSION

BY REPRESENTATIVE SHAW

Introduced: 3/24/21

Referred: State Affairs, Resources

A BILL**FOR AN ACT ENTITLED**1 **"An Act relating to the Alaska Coordinate System of 2022."**2 **BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:**3 * **Section 1.** AS 38.20.010 is amended to read:

4 **Sec. 38.20.010. Adoption.** The systems of rectangular plane coordinates
5 established by the National Geodetic Survey, National Ocean Service, **National**
6 **Oceanic and Atmospheric Administration** for defining and stating the positions or
7 locations of points on the surface of the earth in this state are adopted. The systems are
8 to be known as the "Alaska Coordinate System of 1927," [AND] the "Alaska
9 Coordinate System of 1983," **and the "Alaska Coordinate System of 2022."**

10 * **Sec. 2.** AS 38.20.020 is repealed and reenacted to read:

11 **Sec. 38.20.020. Zones.** The zone parameters of the Alaska Coordinate Systems
12 are the zone parameters defined by the National Geodetic Survey maintained by the
13 National Ocean Service of the National Oceanic and Atmospheric Administration, as
14 the National Geodetic Survey reads on the effective date of this Act.

15 * **Sec. 3.** AS 38.20.030 is amended to read:

1 **Sec. 38.20.030. Designation of zones.** In any land description in which a
 2 coordinate system is used a zone of the coordinate system is designated the "Alaska
 3 Coordinate System of 1927, Zone," [OR] the "Alaska
 4 Coordinate System of 1983, Zone," or the "Alaska
 5 Coordinate System of 2022, Zone"

6 * **Sec. 4.** AS 38.20.040 is amended to read:

7 **Sec. 38.20.040. Use of coordinate system.** The plane coordinates of a point on
 8 the earth's surface, to be used in expressing the position or location of the point in the
 9 appropriate zone of this system, consist of two distances, expressed in U.S. Survey
 10 feet and decimals of a U.S. Survey foot when using the Alaska Coordinate System of
 11 1927 and expressed in meters and decimals of a meter when using the Alaska
 12 Coordinate System of 1983 or the Alaska Coordinate System of 2022. In this
 13 section, "U.S. Survey foot" means the quotient of 1,200 and 3,937 meters. One of
 14 these distances, known as the "x-coordinate," gives the position in an east-and-west
 15 direction; the other known as the "y-coordinate" gives the position in a north-and-
 16 south direction. These coordinates shall be made to depend on [UPON] and conform
 17 to the coordinates of the North American Horizontal Geodetic Control Network as
 18 determined by the National Geodetic Survey, National Ocean Service, National
 19 Oceanic and Atmospheric Administration.

20 * **Sec. 5.** AS 38.20.060 is repealed and reenacted to read:

21 **Sec. 38.20.060. Characteristics of zones.** The characteristics of the zones of
 22 the Alaska Coordinate Systems are the characteristics defined by the National
 23 Geodetic Survey maintained by the National Oceanic and Atmospheric
 24 Administration, as the National Geodetic Survey reads on the effective date of this
 25 Act.

26 * **Sec. 6.** AS 38.20.090 is amended by adding a new subsection to read:

27 (c) The use of the term "Alaska Coordinate System of 2022" on a map, report
 28 of survey, or other document is limited to coordinates based on the Alaska Coordinate
 29 System of 2022, as defined by this chapter.

30 * **Sec. 7.** AS 38.20.100 is amended to read:

31 **Sec. 38.20.100. Use of public land survey descriptions.** When coordinates

1 based on the Alaska Coordinate System of 1927, [OR] the Alaska Coordinate System
2 of 1983, or the Alaska Coordinate System of 2022 are used to describe a tract of
3 land, which in the same document is also described by reference to a subdivision, line,
4 or corner of the United States public land surveys, the description by coordinates shall
5 be construed as supplemental to the basic description of the subdivision, line, or corner
6 contained in the official plats and field notes recorded, and, in the event of a conflict,
7 the description by reference to the subdivision, line, or corner of the United States
8 public land surveys prevails over the description by coordinates.

9 * **Sec. 8.** AS 38.20.110 is amended to read:

10 **Sec. 38.20.110. Use of system not required.** Nothing in this chapter requires a
11 purchaser or mortgagee to rely on a description, any part of which depends exclusively
12 on [UPON] the Alaska Coordinate System of 1927, [OR] the Alaska Coordinate
13 System of 1983, or Alaska Coordinate System of 2022.