

ALASKA STATE LEGISLATURE

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Sectional Analysis

HB148

" An Act relating to the Alaska Coordinate System of 2022."

Section 1 – Amends AS 38.20.010 to add a reference to the National Oceanic and Atmospheric Administration and the Alaska Coordinate System of 2022.

Section 2 – Repeals and reenacts AS 38.20.020 to remove references to the ten different zones currently listed in the statute, and states that the zone parameters of the Alaska Coordinate Systems are now the zone parameters defined by the NGS. Removing specific parameters ensures legislation will be accurate according to past, current, and future datums.

Section 3 – Amends AS 38.20.030 to add a reference to the “Alaska Coordinate System of 2022, Zone ...” for purposes of drafting land descriptions that use coordinate systems.

Section 4 – Amends AS 38.20.040 to add two references to “U.S. Survey” and one reference to the Alaska Coordinate System of 2022. Also added is an explanation that one U.S. Survey foot means the quotient of 1,200 and 3,937 meters. There are two standards used in the U.S. to convert between feet and meters. States such as Alaska support both feet and meters and legislate which feet-to-meters conversion they use. The U.S. survey foot is 1200/3937 meters, or .3048006096. The international foot is 0.3048 meters. The difference between the two conversions can become noticeable.

Section 5 – Repeals and reenacts AS 38.20.060 to remove the references to, and descriptions of, the ten different zones currently listed in the statute, and instead states that the characteristics of the zones of the Alaska Coordinate Systems are defined by the NGS. Removing specific zone descriptions ensures legislation will be accurate and relevant under past, current, and future datums.

Section 6 – Amends AS 38.20.090 to add a new subsection (c) stating that the use of the term “Alaska Coordinate System of 2022” on a map, report of the survey, or other document is limited to coordinates based on the Alaska Coordinate System of 2022.

Section 7 – Amends AS 38.20.100 to add a reference to the “Alaska Coordinate System of 2022.”

Section 8 – Amends AS 38.20.110 to add a reference to the “Alaska Coordinate System of 2022.”

April 6, 2021