

# Alaska Geospatial Council (AGC)

## Geodetic Technical Working Group

### 1 BACKGROUND

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Geodetic control, definition of reference frames, and their associated physical infrastructure underlay all geospatial activities in Alaska and form the foundation for temporal and spatial consistency across the AGC's suite of Framework Datasets (Elevation, Imagery, Geoportal, Hydrography, Transportation, Administrative Boundaries, and Parcels/Cadastral). Surveying, mapping, remote sensing, and geospatial science all rely on a sound geodetic framework for success. Attention to consistent geospatial data delivery/handling promotes data integrity, maximizes useful lifespan, and reduces data management costs.

Geodetic control networks, both passive (physical monuments) and active (continuous GNSS stations), have always been challenging and costly to establish and maintain in Alaska due to our state's immense size, remote access limitations, extreme environmental conditions, and sparse human populations. National geodetic transformation tools, products, and services have historically underserved Alaska users, and not all geographic regions within the state consistently employ standard geodetic practices.

### 2 PURPOSE

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To unify the geodetic priorities of diverse stakeholders within Alaska; to preserve, densify, and enhance Alaska's geodetic control networks for the maximum benefit of a broad user base, and to support statewide precise positioning and mapping activities through the identification and recommendation of consistent practices appropriate for different applications, geodetic product/tool development, and educational outreach.

### 3 ACTIONS

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- ❖ Identify and advise AGC on issues related to passive, active, and real-time geodetic control;
- ❖ Coordinate, develop, and make recommendations for goals and/or strategies to improve Alaska's geodetic framework and prepare the region for upcoming changes to the National Spatial Reference System in 2022;
- ❖ Provide guidance on reference frames, datums, metadata, and transformation tools to maximize new and legacy geospatial data integrity within Alaska;
- ❖ Serve as a regional voice for geodetic control topics in Alaska to Federal partners, through Alaska Mapping Executive Committee (AMEC) technical advisory groups and coordination with NOAA's National Geodetic Survey.

## 4 MEMBERSHIP

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Membership is voluntary and is open to all interested governmental, academic and private sector entities. Voting membership is limited to one designee per represented entity; each voting member entity must be ratified by the Alaska Geospatial Technical Advisory Group. To retain active voting membership, a member designee must attend at least one regular meeting per calendar year.

## 5 LEADERSHIP

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The Chair(s) will be recommended by the Alaska Geospatial Technical Advisory Group to the Alaska Geospatial Council, who will ratify this Charter and the Chair(s). The responsibilities of the Chair(s) shall include:

- ❖ Call, prepare and distribute meeting agendas, and chair meetings of the working group
- ❖ Preside over working group decisions
- ❖ Provide executive oversight and leadership to advance efforts and activities in support of the working group purpose statement
- ❖ Report to the Alaska Geospatial Technical Advisory Group any decisions and recommendations
- ❖ Ensure that meeting minutes are accurate and publicly available

In the event that any Chair fails to perform these duties over a period of one (1) year, the working group may recommend a new Chair for Council consideration and approval or the Council may appoint a replacement Chair.

## 6 MEETINGS

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A minimum of two (2) meetings shall be convened each calendar year. Additional meetings may be called at the discretion of the Chair(s).

## 7 COMMUNICATION

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Written communication will take place via e-mail. A workgroup page will be maintained on the <http://agc.dnr.alaska.gov> website by the Department of Natural Resources GIO. Website postings will include:

1. Charter
2. Implementation plan
3. Data standards and stewardship documents
4. Meeting minutes
5. Other information as determined by the Council. The working group will review and update website information annually, or more frequently as needed.

## 8 DECISION MAKING

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Meetings shall be guided by consensus rule of those attending the meeting. Decisions that do not have a consensus may be tabled until the next meeting.

A call for consensus may be issued via email; if no objections are raised within 10 working days consensus will be considered achieved.

The Chair is the final arbiter if consensus cannot be reached in an appropriate amount of time

## 9 AMENDMENTS

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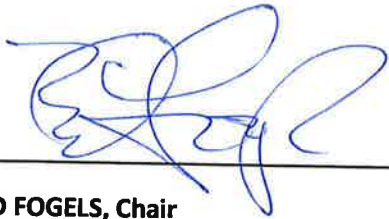
Amendments to this charter can be made at any regular meeting if the amendments are listed in the meeting's agenda and the amendment has consensus.

## 10 DISSOLUTION

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The working group will continue to function as long as it is required by the Council. The Council may dissolve the working group at any time if it is determined to be no longer necessary.

# Alaska Geospatial Council Approval of the Alaska Geospatial Geodetic Technical Working Group Charter



**ED FOGELS, Chair**

Dep. Commissioner

Department of Natural Resources

Date: \_\_\_\_\_

12/22/16