



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

**DEPARTMENT OF COMMERCE, COMMUNITY AND ECONOMIC
DEVELOPMENT**

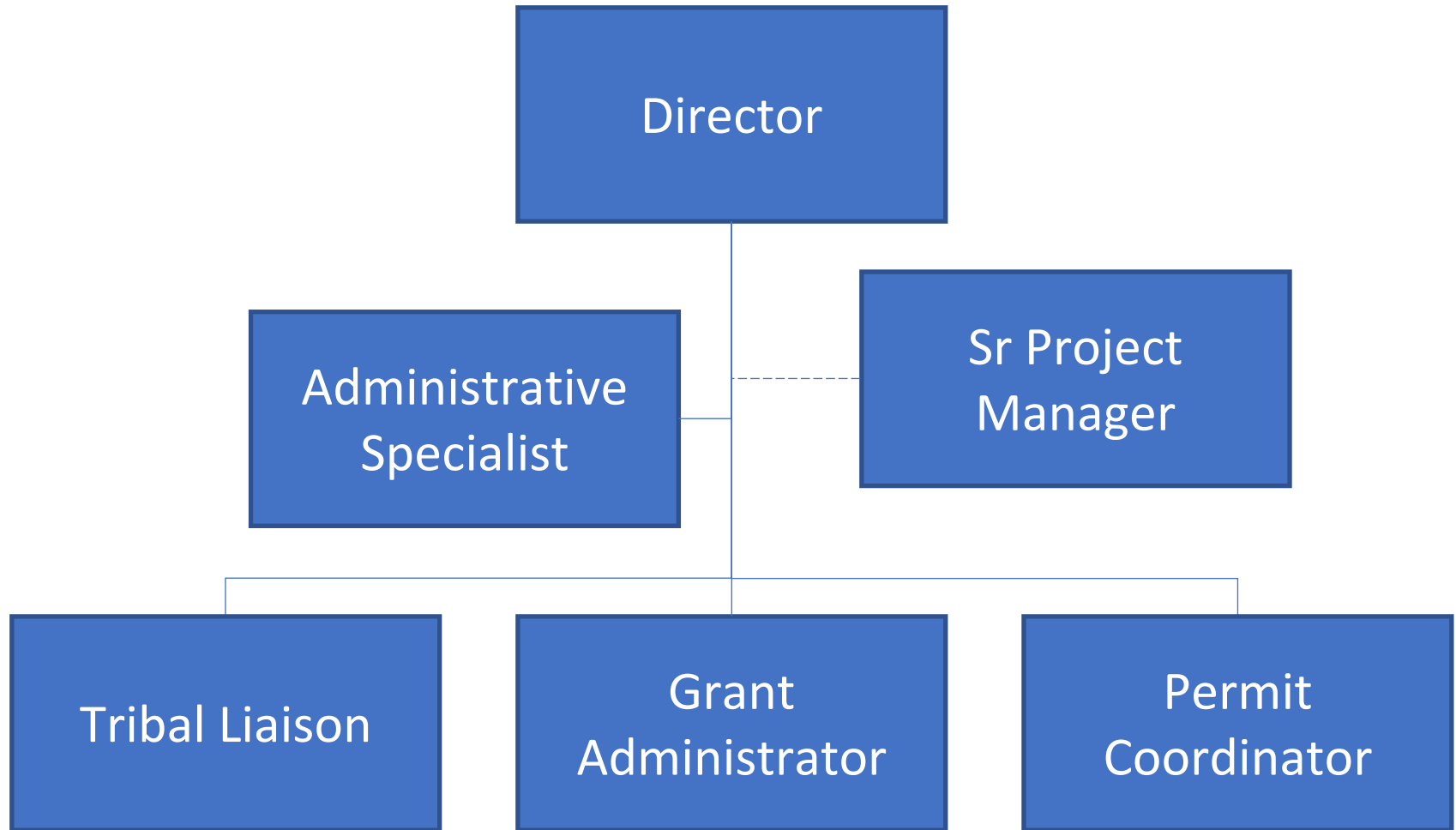
**ALASKA BROADBAND OFFICE
SOUTHEAST CONFERENCE
MID-SESSION SUMMIT**

FEBRUARY 1, 2023

MELISSA KOOKESH, TRIBAL LIAISON



Broadband Office – Organization Chart





Alaska Broadband Office Update

Infrastructure Investment and Jobs Act

National Telecommunications and Information Administration (NTIA) Programs

Digital Equity (DE)
\$640,000,000

Broadband Equity,
Access and
Deployment (BEAD)
\$42,000,000,000



Alaska Broadband Office Update

Digital Equity

DIGITAL EQUITY -- DIGITAL INCLUSION -- DIGITAL LITERACY

COVERED POPULATIONS

- Households at/or below 150% of the Poverty Level
- Aging Individuals
- Veterans
- Incarcerated Individuals
- Individuals with Disabilities
- Members of Racial or Ethnic Minority Group
- Individuals with Language Barrier
- Residing in Rural Area

FUNDING

- Planning Grants: \$60 Million
- Capacity Grants: \$240 Million
- Competitive Grants: \$1.25 Billion

HUMAN SUBJECT RESEARCH

- Careful Planning
- Approved Questions



Alaska Broadband Office Update - BEAD

Broadband Equity, Access and Deployment INTERNET FOR ALL

Allocates \$42 Billion for all States and Territories

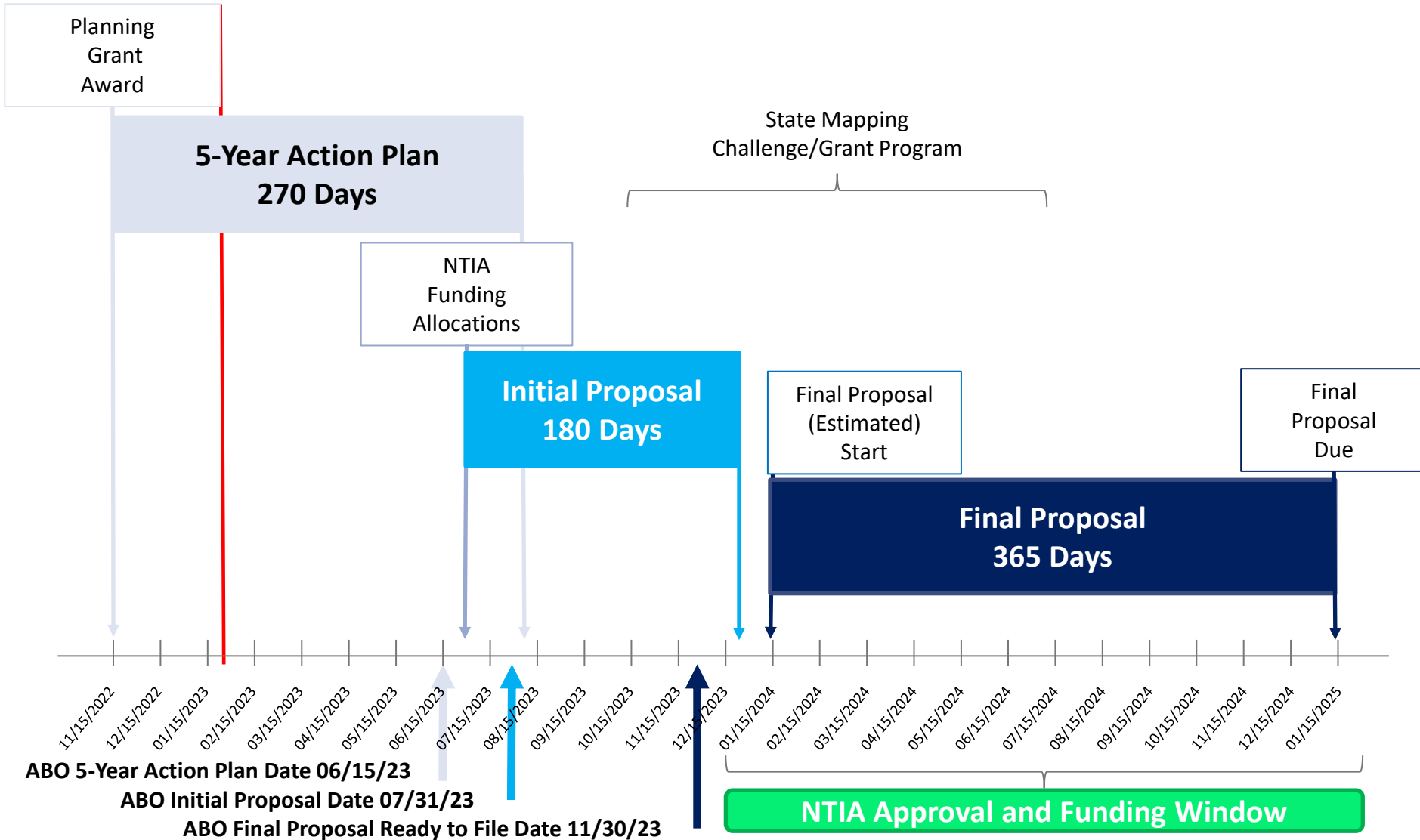
- \$100 Million Minimum Allocation for each State and Territory
- High-Cost Areas (10%) = Unserved in “High Cost” area as a percentage of total Unserved in “High Cost” areas in the United States
- Remaining Funds = Unserved in Alaska/Unserved total US

Disbursement of Alaska’s Allocation

- Alaska’s allocation will be disbursed, through grants, based on percentage of locations that are:
 - Unserved (less than 25Mbps/3Mbps)
 - Underserved (less than 100Mbps/20Mbps) and
 - Unserved Community Anchor Institutions (less than 1Gbps/1Gbps)



NTIA Milestone Dates and ABO Timeline





Unserved / Underserved / Served

Broadband Equity, Access and Deployment Program

- **Unserved (cannot achieve):**
 - 25 Mbps Download Bandwidth (Watching a video)
 - 3 Mbps Upload Bandwidth (Posting)
- **Underserved (minimum):**
 - 25 Mbps Download Bandwidth of 25 Mbps, but cannot reach 100 Mbps
 - 3 Mbps Upload Bandwidth, but cannot reach 20 Mbps
- **Served (minimum):**
 - 100 Mbps Download Bandwidth
 - 20 Mbps Upload Bandwidth

What does Alaska look like?



	Alaska Communities	% of Total Communities
Served	112	28.9%

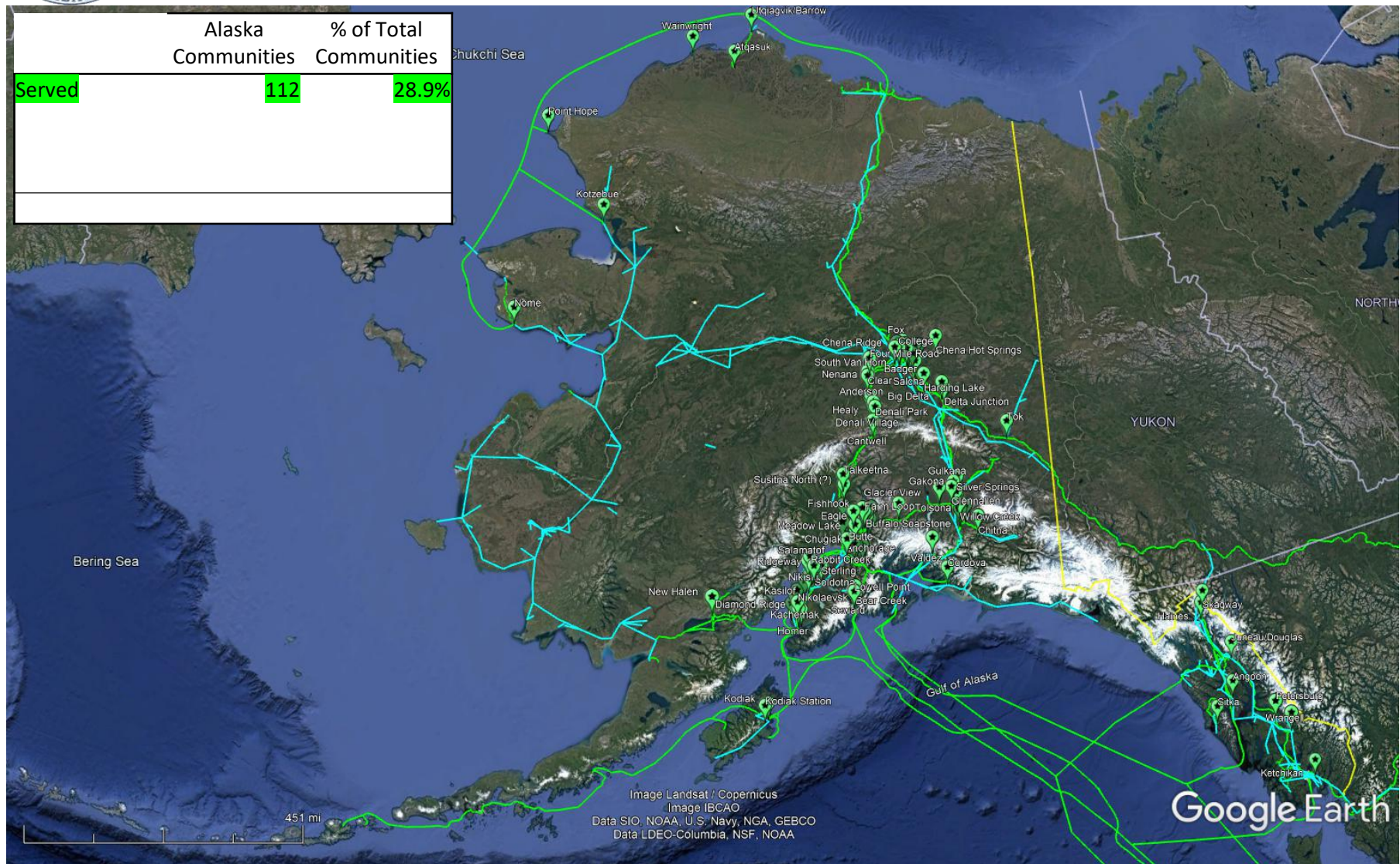
Image Landsat / Copernicus
Image IBCAO
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Data LDEO-Columbia, NSF, NOAA

Google Earth



Evaluation of Served/Underserved/Unserved

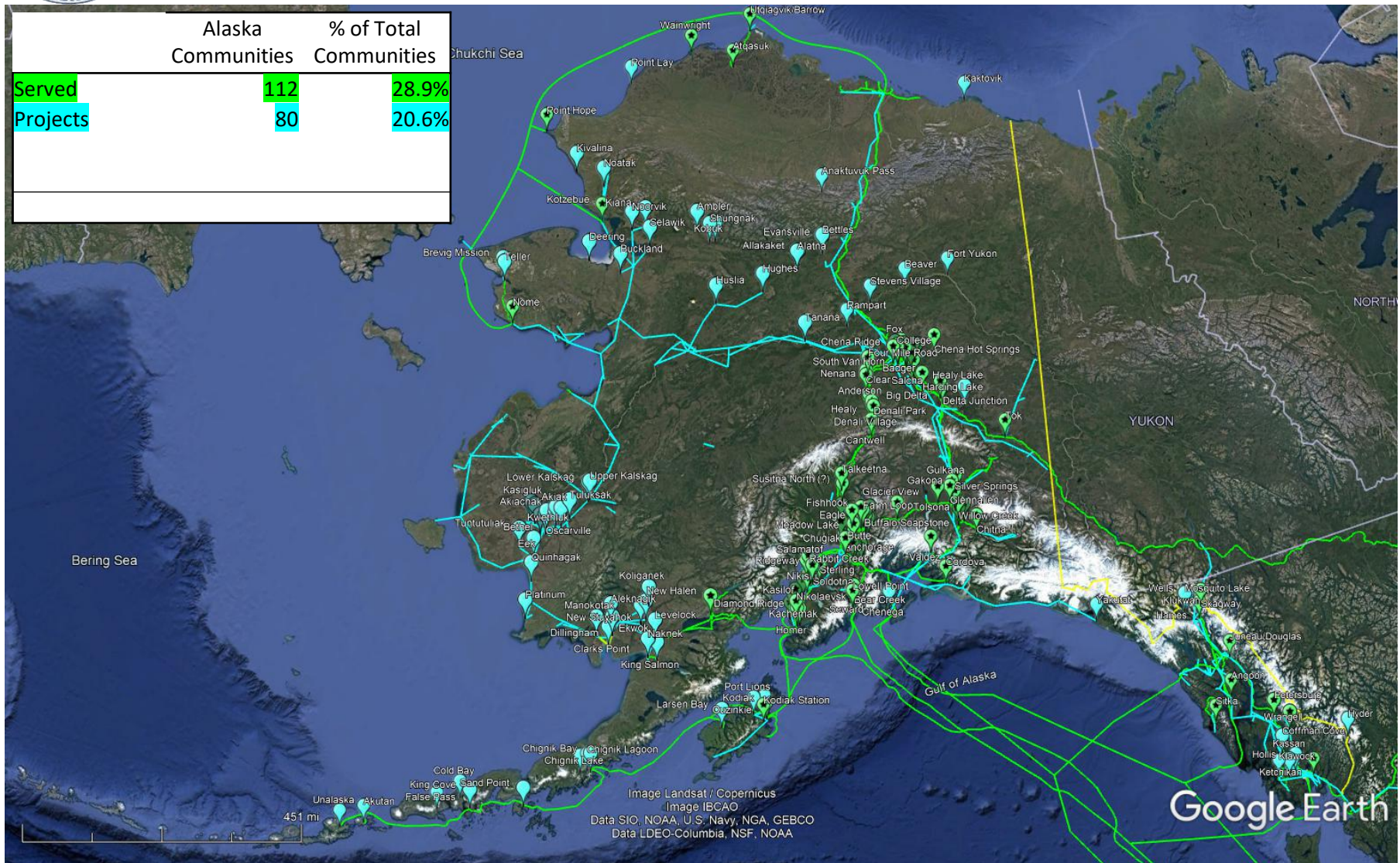
	Alaska Communities	% of Total Communities
Served	112	28.9%
Underserved		
Unserved		





Evaluation of Served/Underserved/Unserved

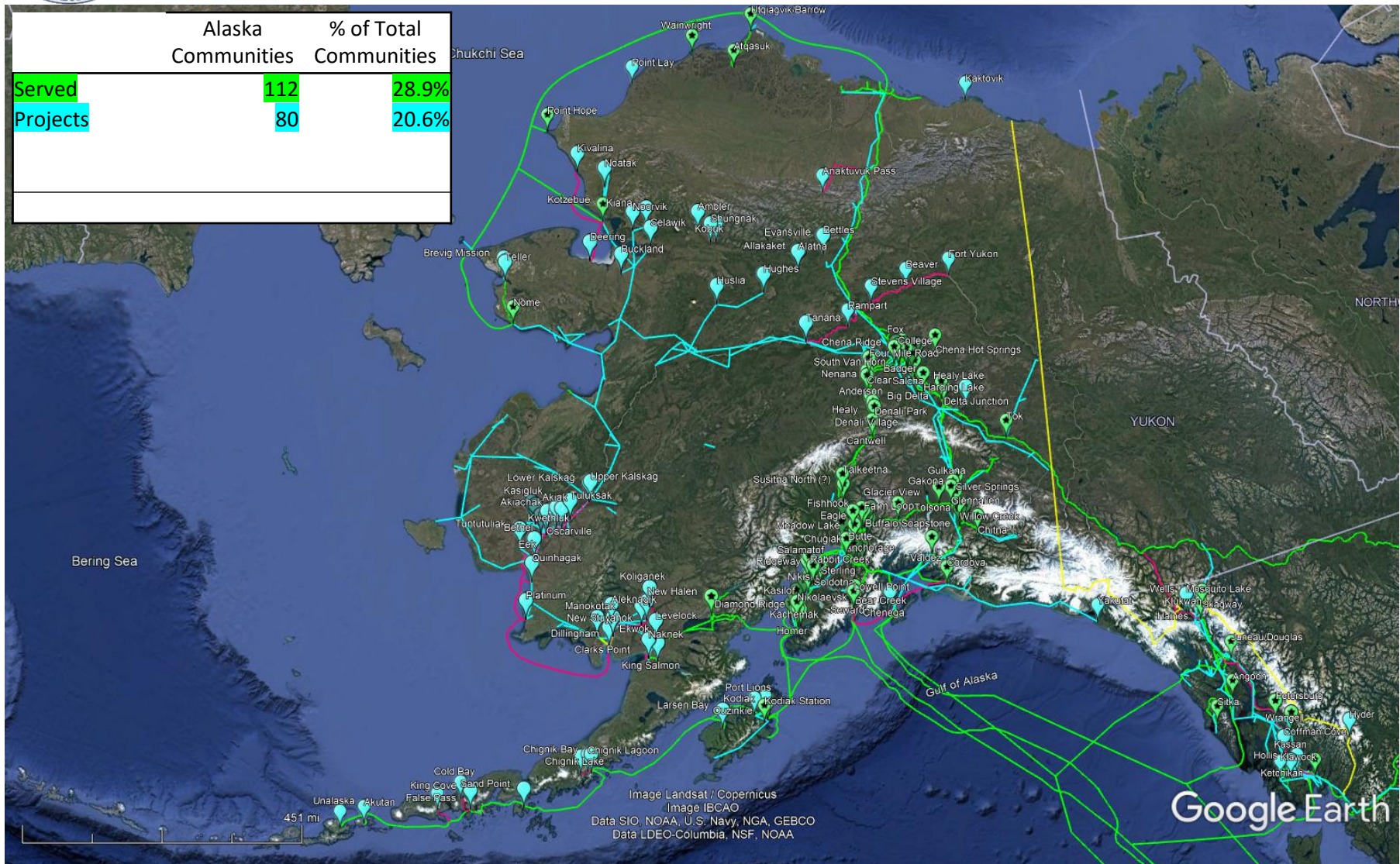
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Served	112	28.9%
Projects	80	20.6%





Evaluation of Served/Underserved/Unserved

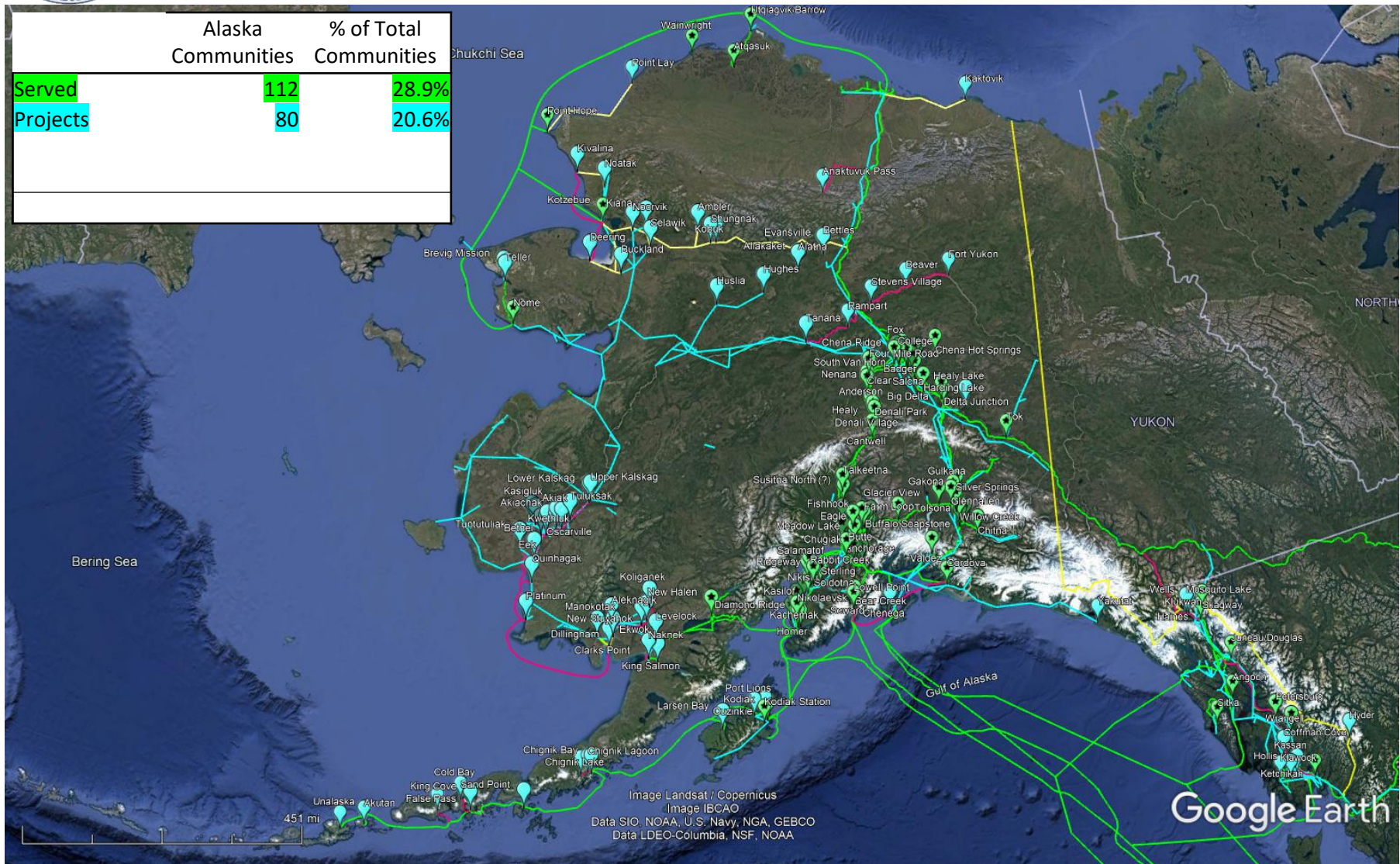
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Evaluation of Served/Underserved/Unserved

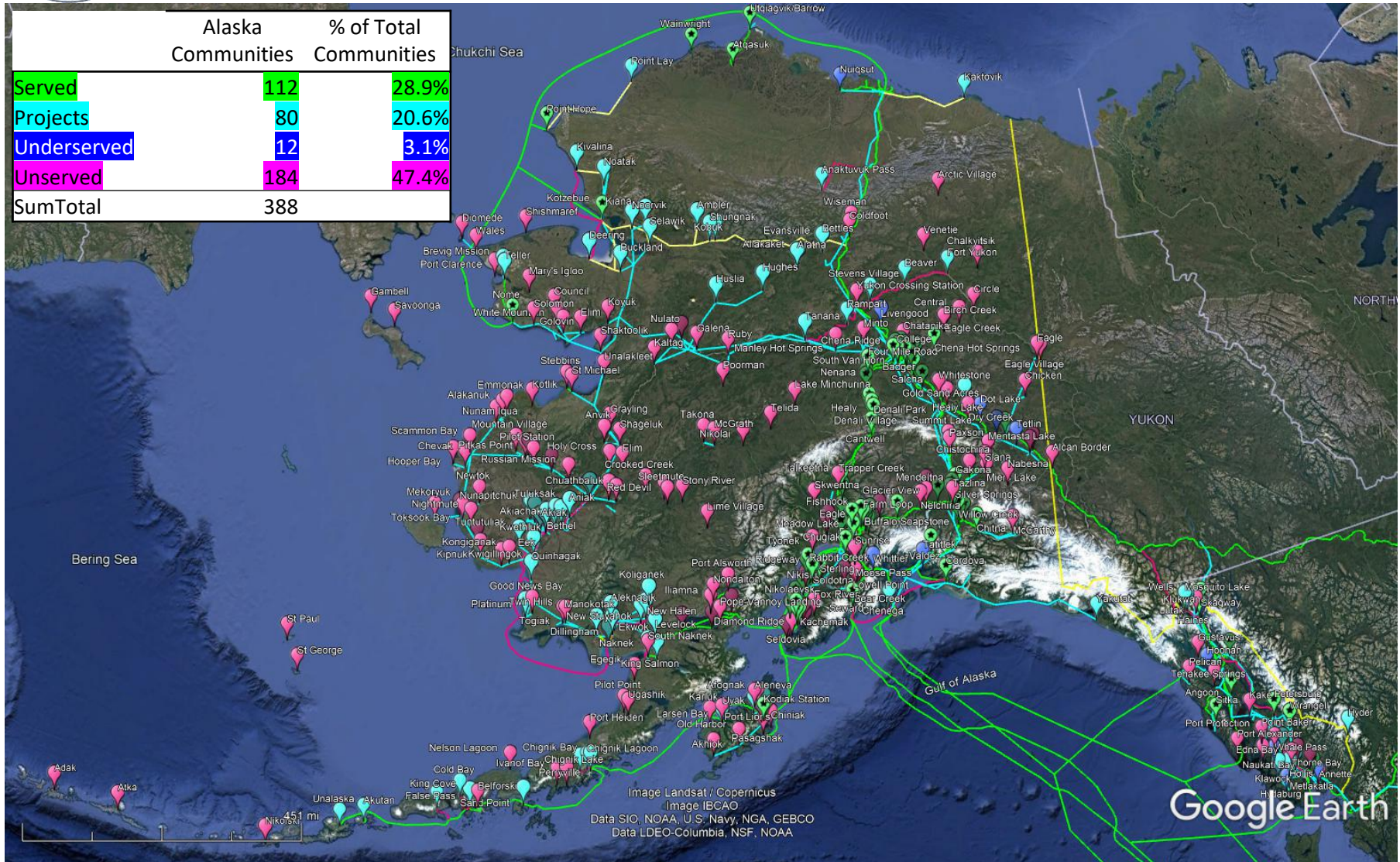
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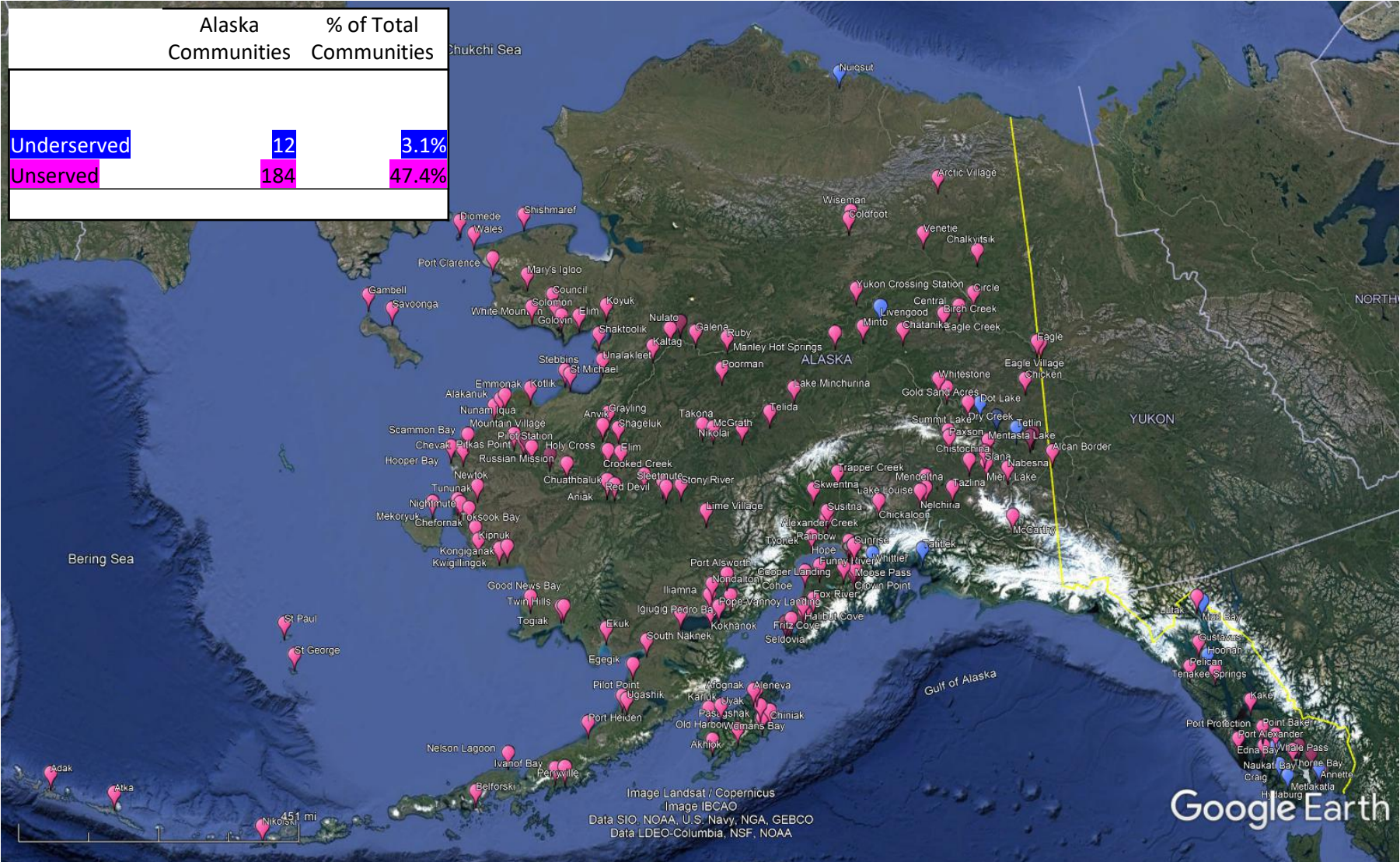
Evaluation of Served/Underserved/Unserved

	Alaska Communities	% of Total Communities
Served	112	28.9%
Projects	80	20.6%
Underserved	12	3.1%
Unserved	184	47.4%
SumTotal	388	





Evaluation of Served/Underserved/Unserved





Five-Year Action Plan by Category

Work with Tribes, Villages and Regional Corporations, Communities, Industry, AFN, AML and others to develop and submit a Five-Year Action Plan.

Five Year Action Plan Components



Outreach:

- Digital Equity Inclusion and External Engagement Process
- Alignment with Other Statewide Social/Economic/Infrastructure Plans



Network:

- Broadband Service Needs
- Asset Inventory
- Deployment Barriers & Obstacle Identification
- Comprehensive High-Speed Internet Plan



Logistical:

- Outline of Broadband Office, Employees, Consultants & Contractors, Program Work, and Anticipated Technical Assistance & Capacity Needs
- Broadband Funding Identification (Federal, State, Local and Tribal Providers) and Broadband Affordability Data



Initial Proposal Grant Criteria Category



Primary Criteria: Fixed 75% of Scoring from Notice of Funding Opportunity:

- Efficient Use of BEAD Funding – How big is the match?
- Affordability – 1Gbps/1Gbps affordable consumer product
- Fair Labor Practices – Can and will Subgrantees comply with Federal labor and employment laws?



Secondary Criteria: Will the work be completed by a set date?



All Other Criteria:

- Network Design
- Operating Costs – Sustainable, Affordable and Scalable
- Native Bidders
- Carrier Neutral and Fair Pricing Practices



The Alaska Broadband Office

<https://www.commerce.alaska.gov/web/abo/>

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Thank you!