



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

DEPARTMENT OF COMMERCE, COMMUNITY AND ECONOMIC DEVELOPMENT

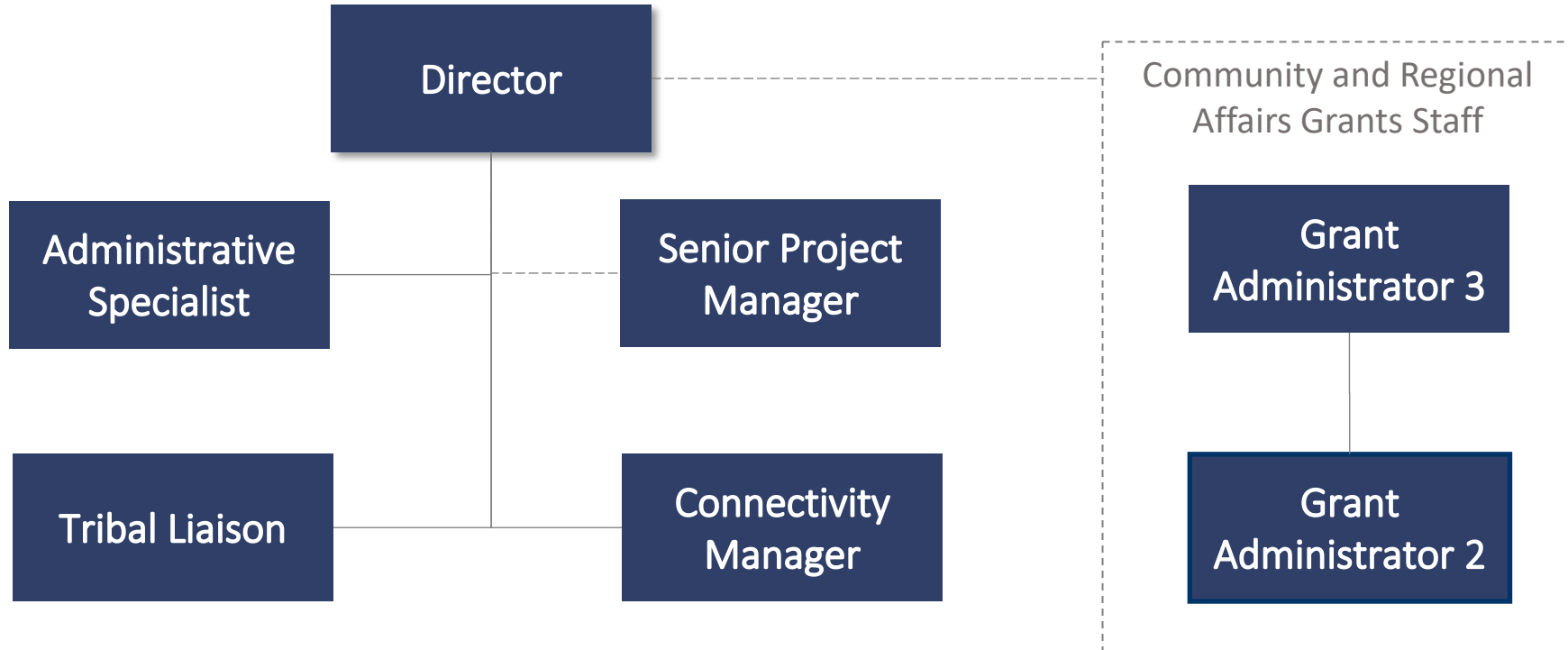
ALASKA BROADBAND OFFICE UPDATE

Thomas Lochner
Director

Senate Finance Committee
February 24, 2023



Alaska Broadband Office – Organization Chart





Broadband Advisory Board

Name	Appointed
Alaska Native Corporation: Anastasia Hoffman (Bethel)	01/23/2023
Broadband Consumer: Kathleen Moran (Anchorage)	01/23/2023
Broadband Industry: Christine O'Connor (Wasilla)	01/23/2023
Business Community: Tara Sweeney (Girdwood)	01/23/2023
Commissioner of Commerce, Community, and Economic Development or Designee: Thomas Lochner (Anchorage)	01/23/2023
Commissioner of Education & Early Development or Designee: Laurel Shoop (Juneau)	01/23/2023
Health Care Community: Archibald Ferguson (Anchorage)	01/23/2023
Local Government Representative: Glenda Ledford (Wasilla)	01/23/2023
Representative for Rural Energy Systems: Travis Million (Copper Center)	01/23/2023
School District: Steve Noonkesser (Dillingham)	01/23/2023
Technology Neutral Consultant: Charles Carpenter (Anchorage)	01/23/2023
Tribal Government: Charlene Stern (Fairbanks)	01/23/2023
University of Alaska: Michael Brase (Fairbanks)	01/23/2023
Ex Officio/House Speaker Appointee/nonvoting: Vacant	
Ex Officio/Senate President Appointee/nonvoting: Vacant	



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



Infrastructure Investment and Jobs Act – So Far

NTIA PLANNING GRANT AWARDS TO ALASKA

DE Planning Grant: \$567,800

Develop the DE Plan
due September 30, 2023

BEAD Planning Grant:
\$5,000,000

Develop the BEAD Program



Digital Equity – Digital Inclusion – Digital Literacy

COVERED POPULATIONS

- Households at/or below 150% of the Poverty Level
- Aging Individuals
- Incarcerated Individuals
- Veterans
- Individuals with Disabilities
- Individuals with a Language Barrier
- Individuals who are Members of a Racial or Ethnic Minority
- Individuals who Reside in Rural Areas

FUNDING

- Planning Grants: \$60 Million – Alaska Awarded \$567,800
- Capacity Grants: \$240 Million – Alaska's Award: TBD
- Competitive Grants: \$1.25 Billion – Alaska's Award: TBD



Broadband Equity, Access and Deployment

ALLOCATED \$42 BILLION FOR ALL STATES AND TERRITORIES

- \$100 Million Minimum Allocation per state
- High-Cost Allocation (10% of \$42B) = High-Cost in Alaska / High-Cost total for US
- Remaining Funds = Unserved in Alaska / Unserved total US

DISBURSEMENTS OF ALASKA'S ALLOCATION

Grants will be 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



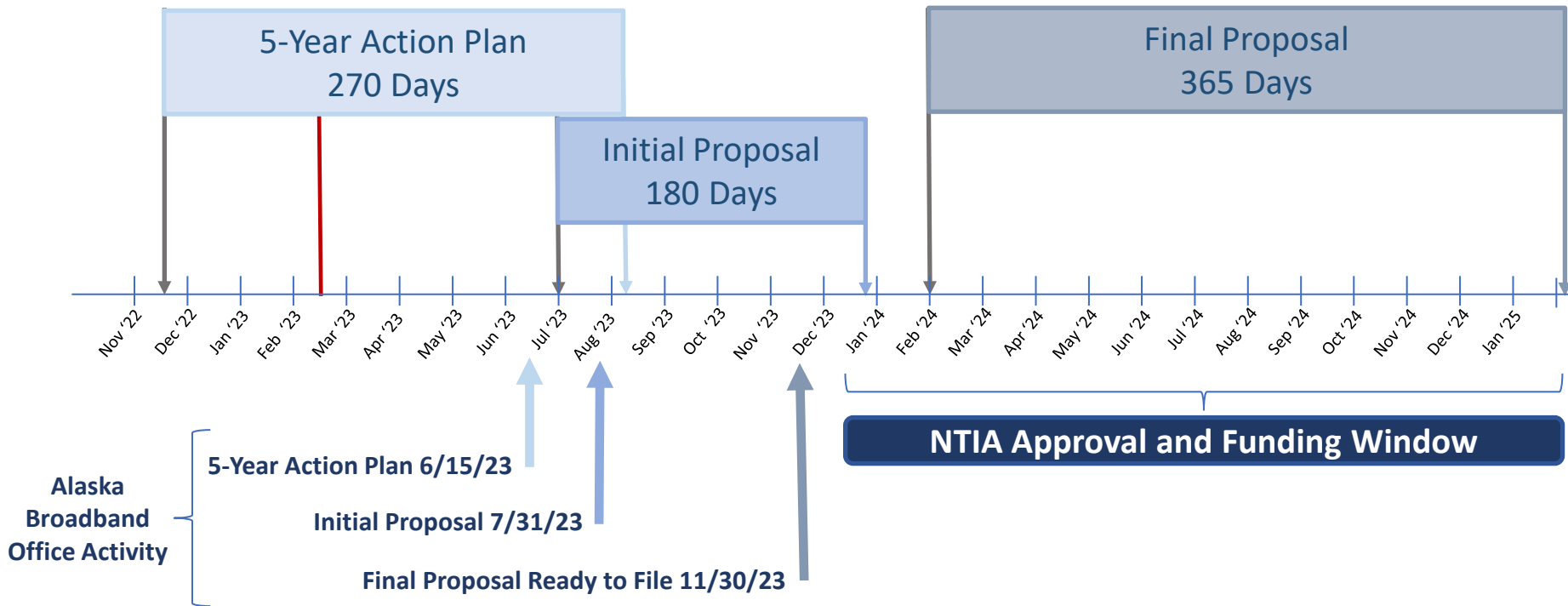
NTIA Milestone Dates & ABO Timeline

Planning Grant Award

NTIA Funding Allocations

Final Proposal Start (Estimated)

Final Proposal Due





Required Broadband Service Level for BEAD Funding

Unserved:

- 25 Mbps Download Bandwidth (Watching a video)
- 3 Mbps Upload Bandwidth (Posting a picture)

Underserved:

- 25 Mbps Download Bandwidth, but cannot reach 100 Mbps
- 3 Mbps Upload Bandwidth, but cannot reach 20 Mbps

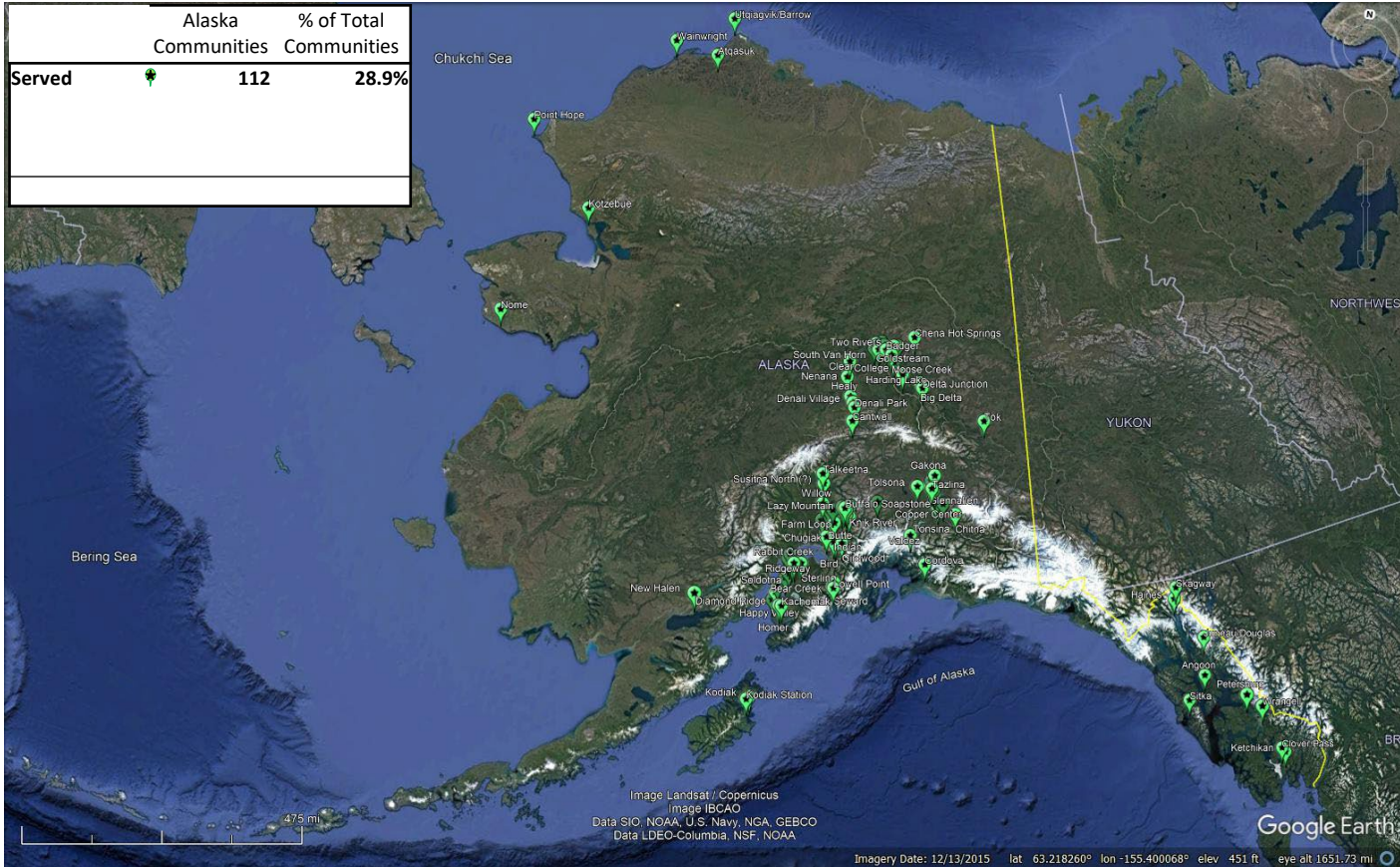
Served:

- 100 Mbps Download Bandwidth
- 20 Mbps Upload Bandwidth



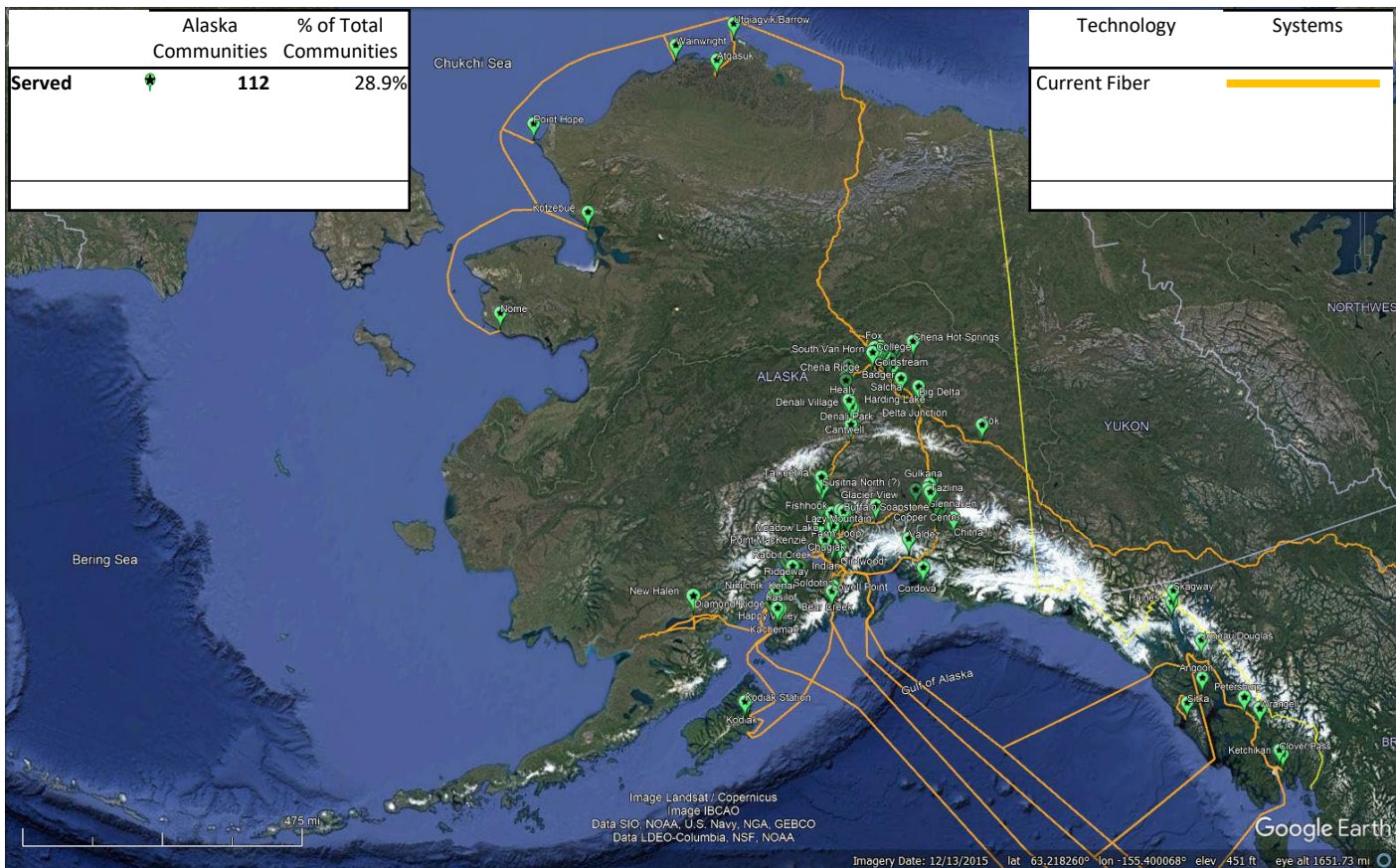
Evaluation of Current Status of Broadband

	Alaska Communities	% of Total Communities
Served	112	28.9%



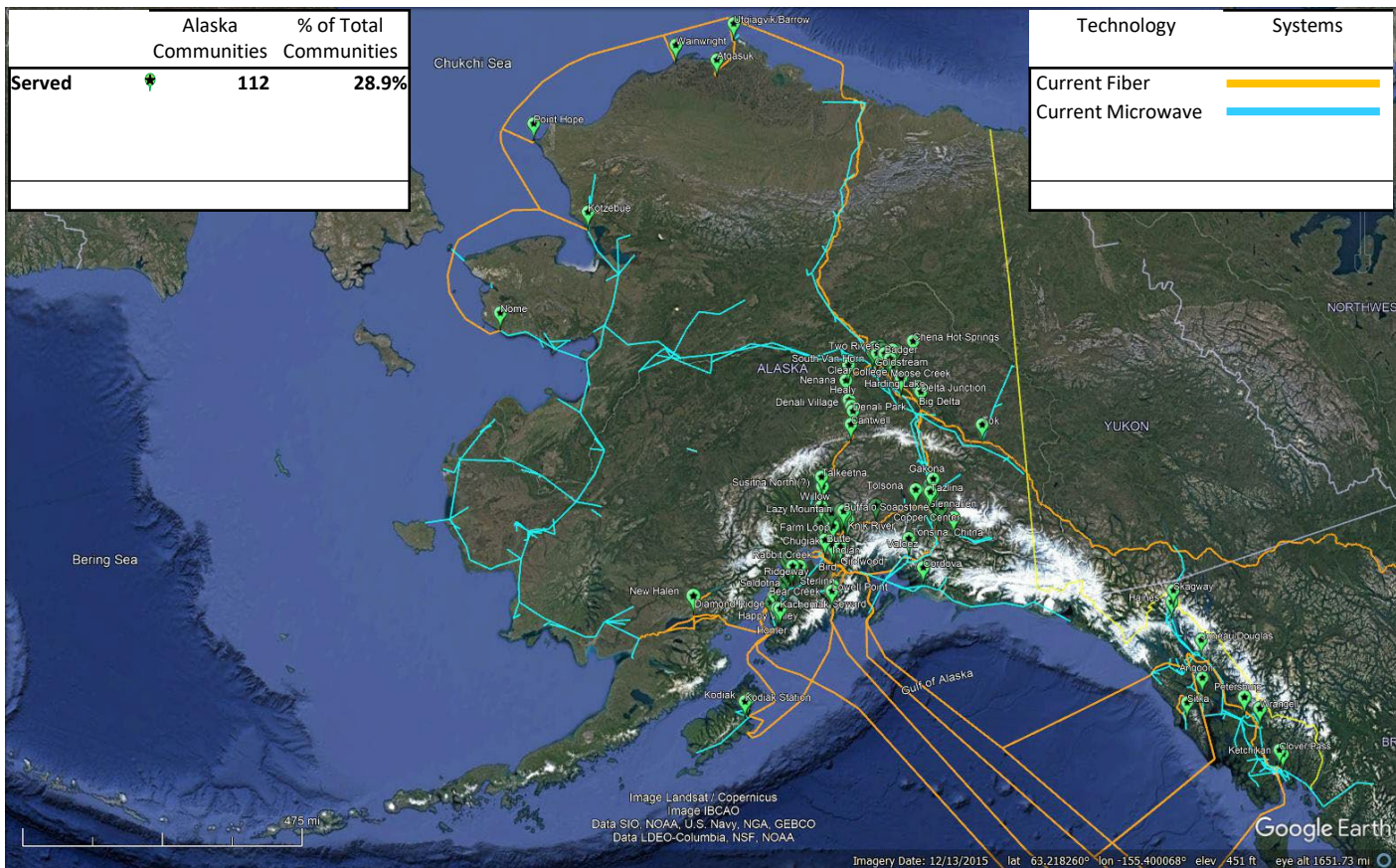


Evaluation of Current Status of Broadband



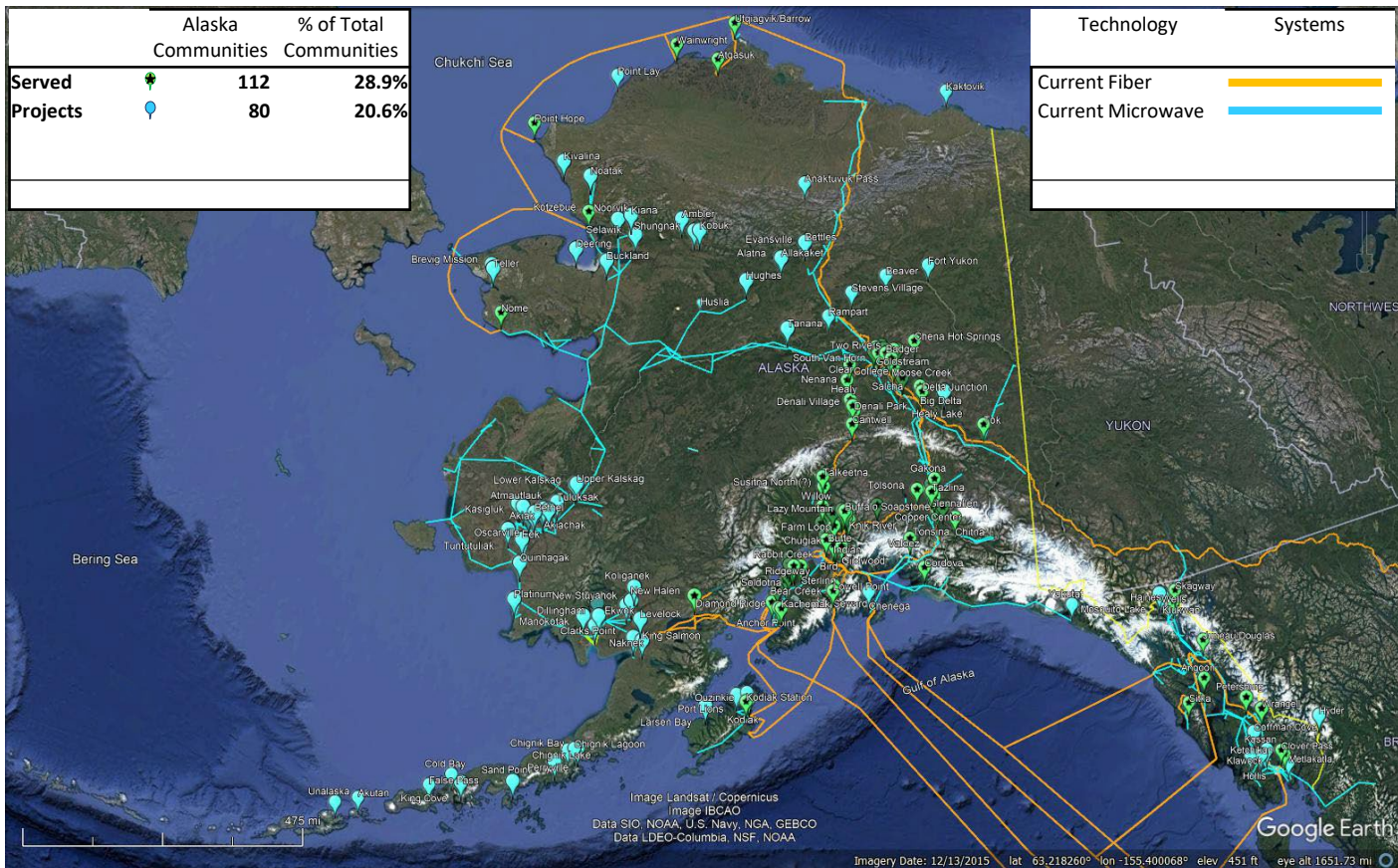


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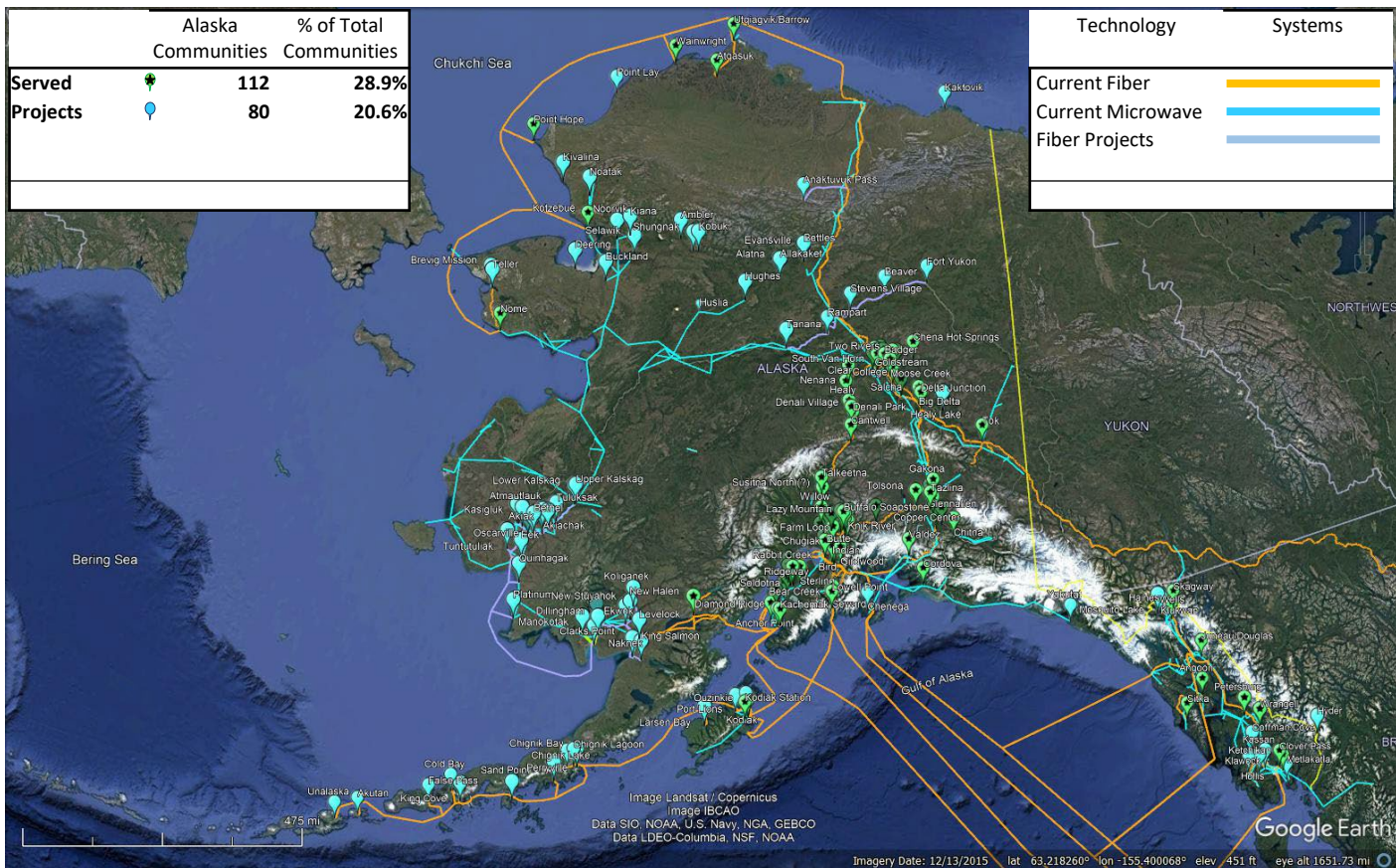


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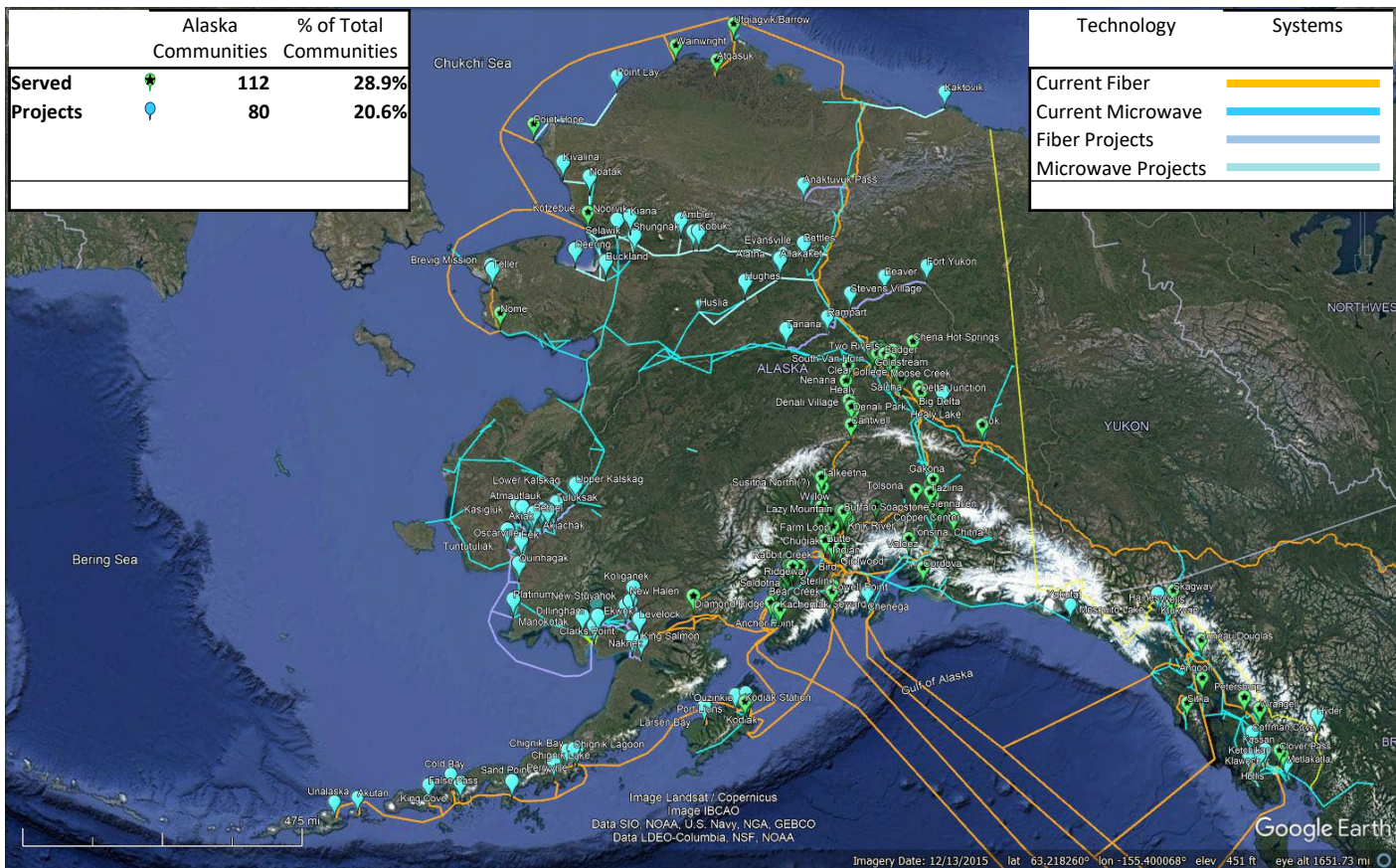


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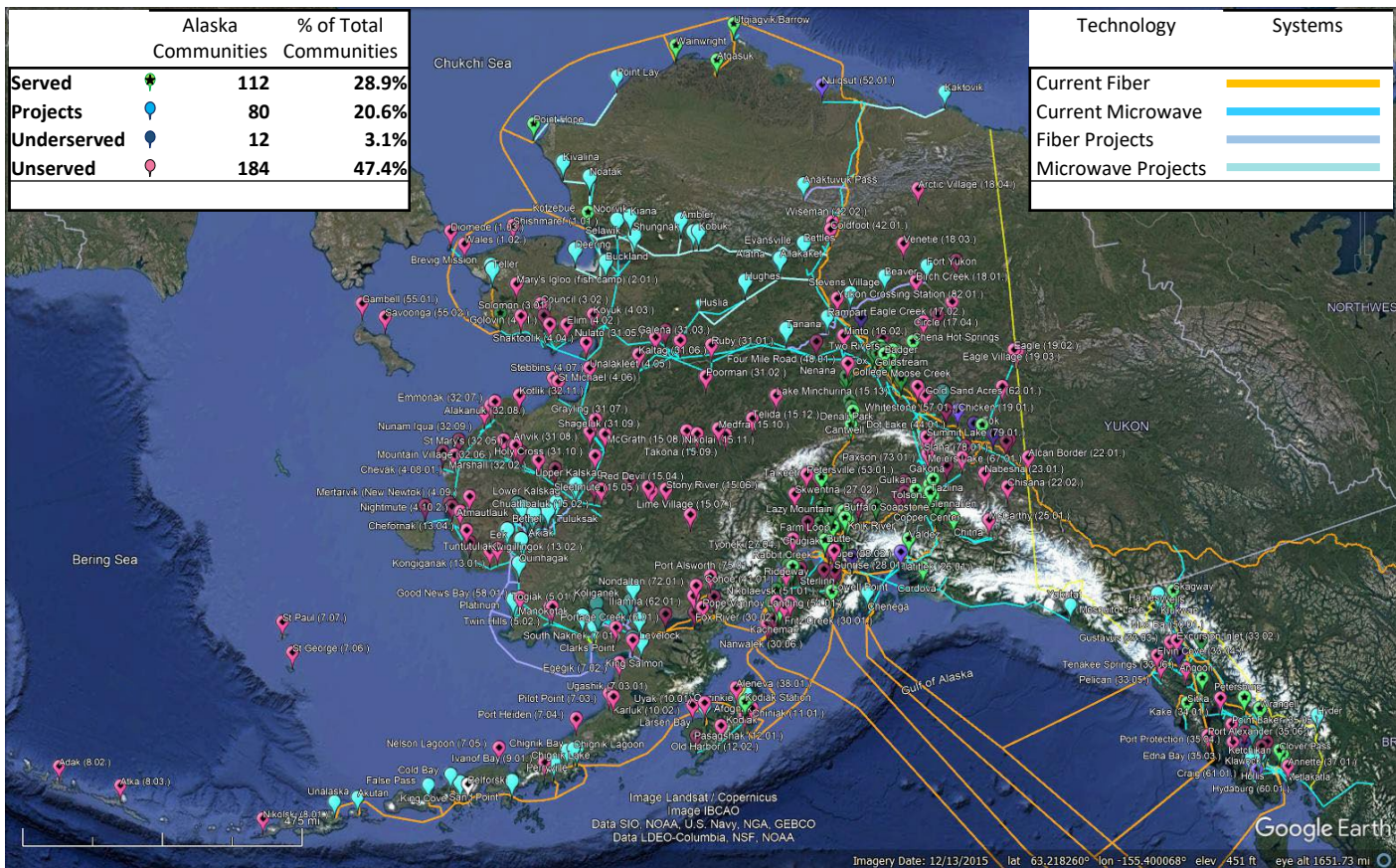


Evaluation of Current Status of Broadband





Evaluation of Current Status of Broadband











BEAD Next Steps – Five-Year Action Plan

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



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 & Tribal Providers) and Broadband Affordability Data



BEAD Next Steps - Grant Criteria - Initial Proposal



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



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Questions? Thank You!