

# Identification of Alaska's Regional and Subregional Hubs

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Presentation to

**2<sup>nd</sup> Alaska Regional Ports Conference**

Mike Fisher

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November 18, 2010

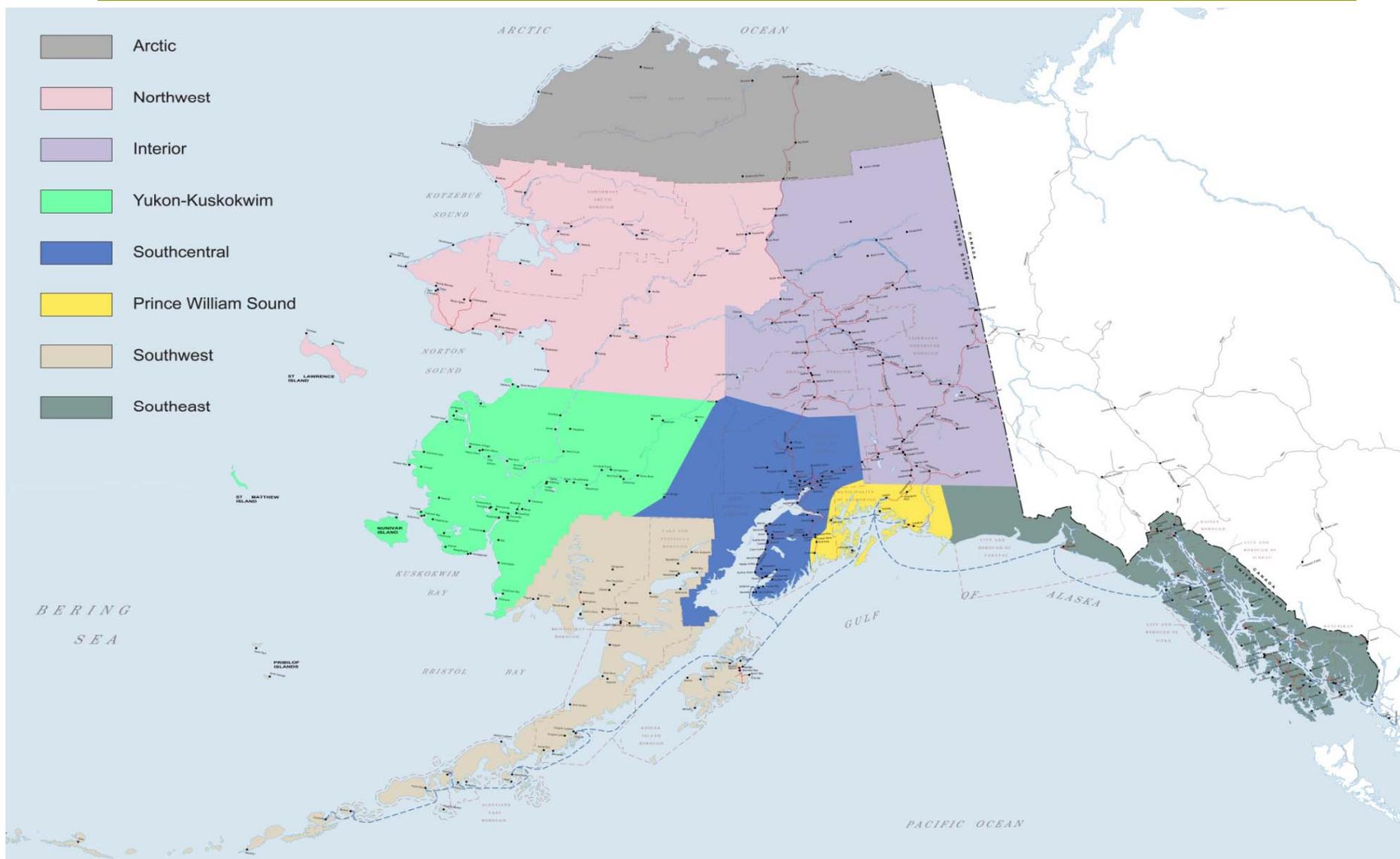


# Agenda

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- Regions considered
- Hub selection process
- What it means to be a hub
- Regional and subregional hubs by region

# Regions Considered



# Hub Selection Process

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## ■ Industry interviews

- What is there now?
- What locations are being used as hubs?

## ■ Project advisory group

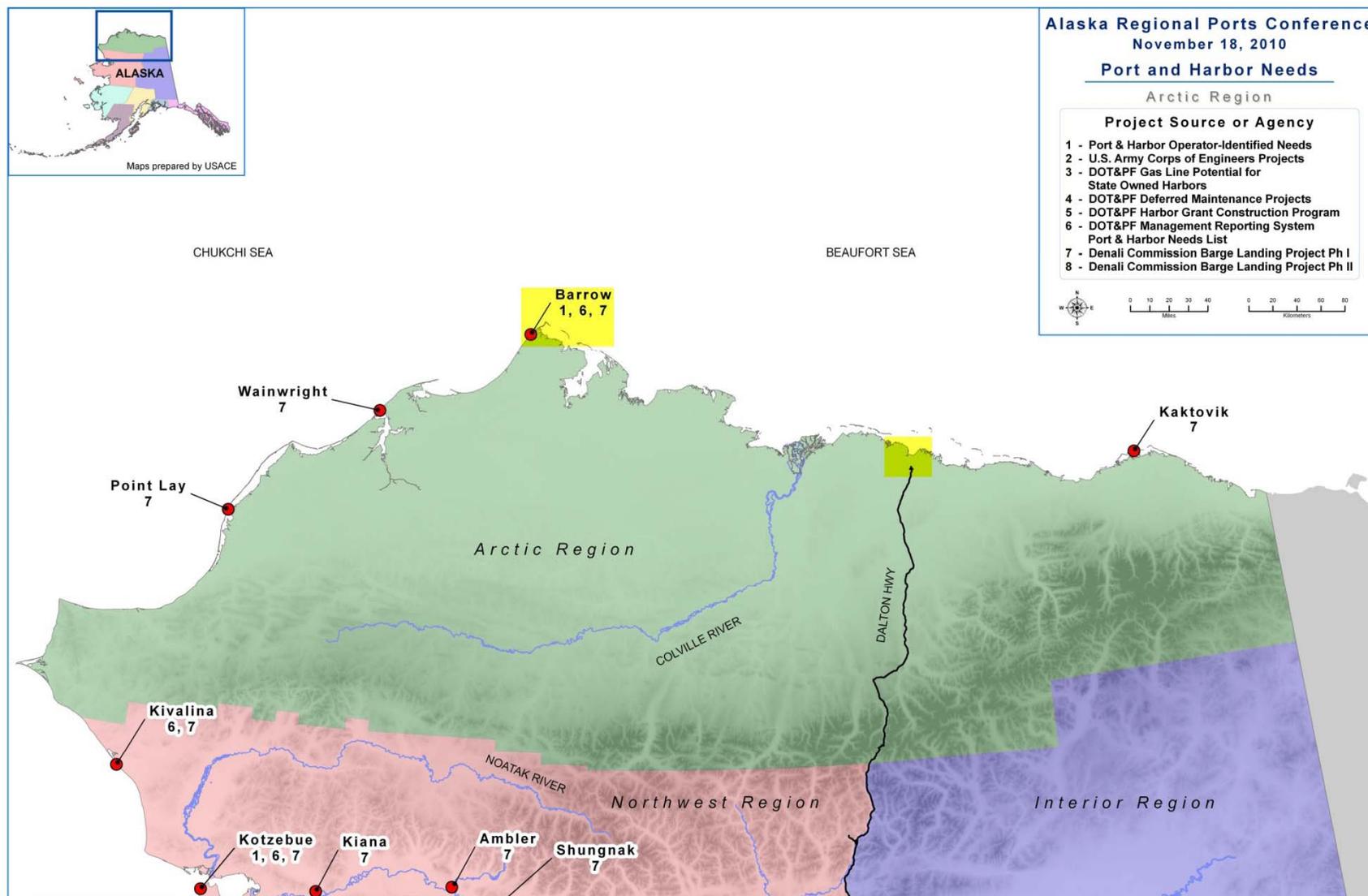
- What changes are planned?

# What Does It Mean to Be a Hub?

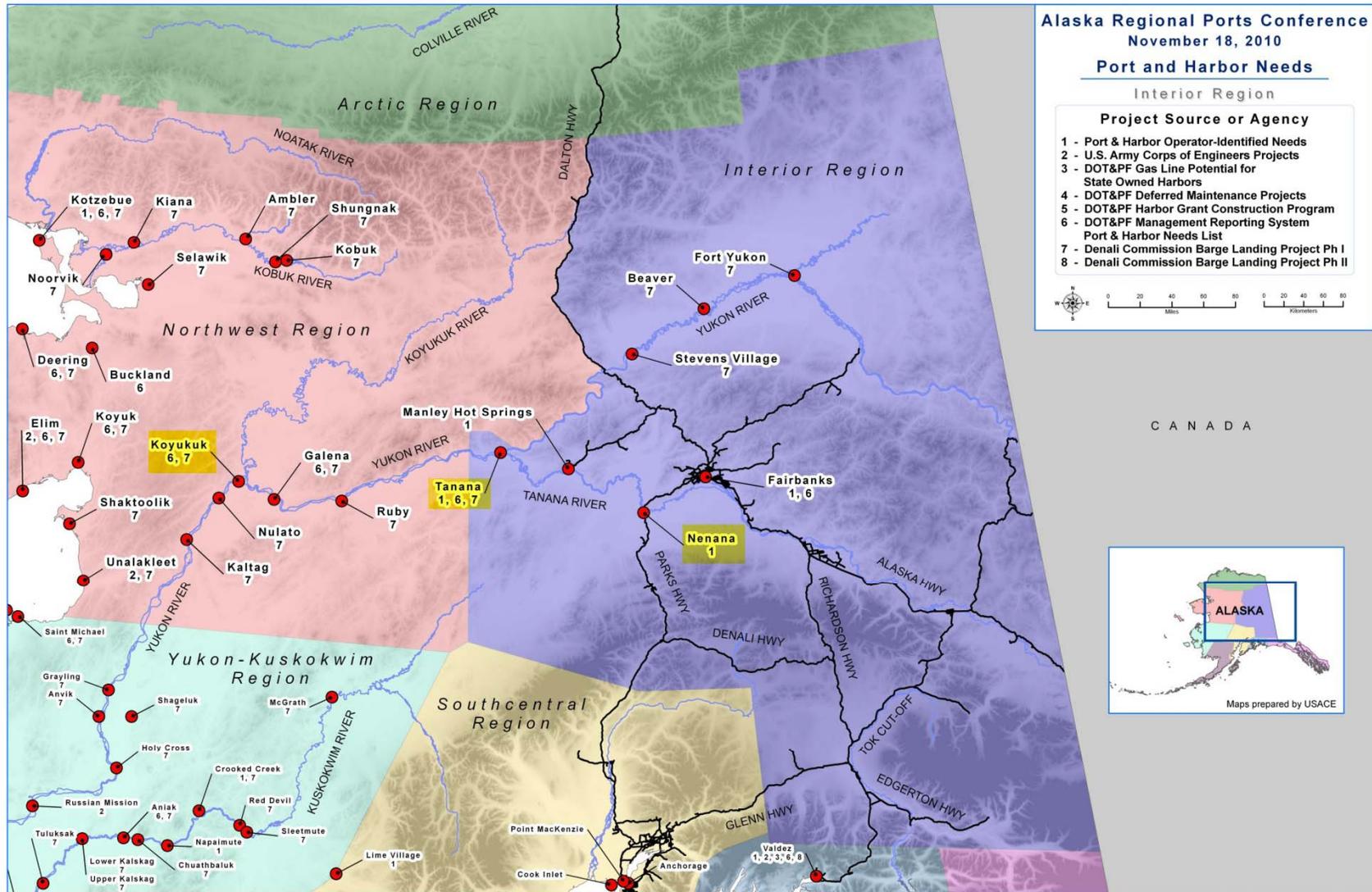
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- Regional versus subregional
- Systems approach
  - Focal point for improving regional transportation
- Region-specific
- Not necessarily linked to investment

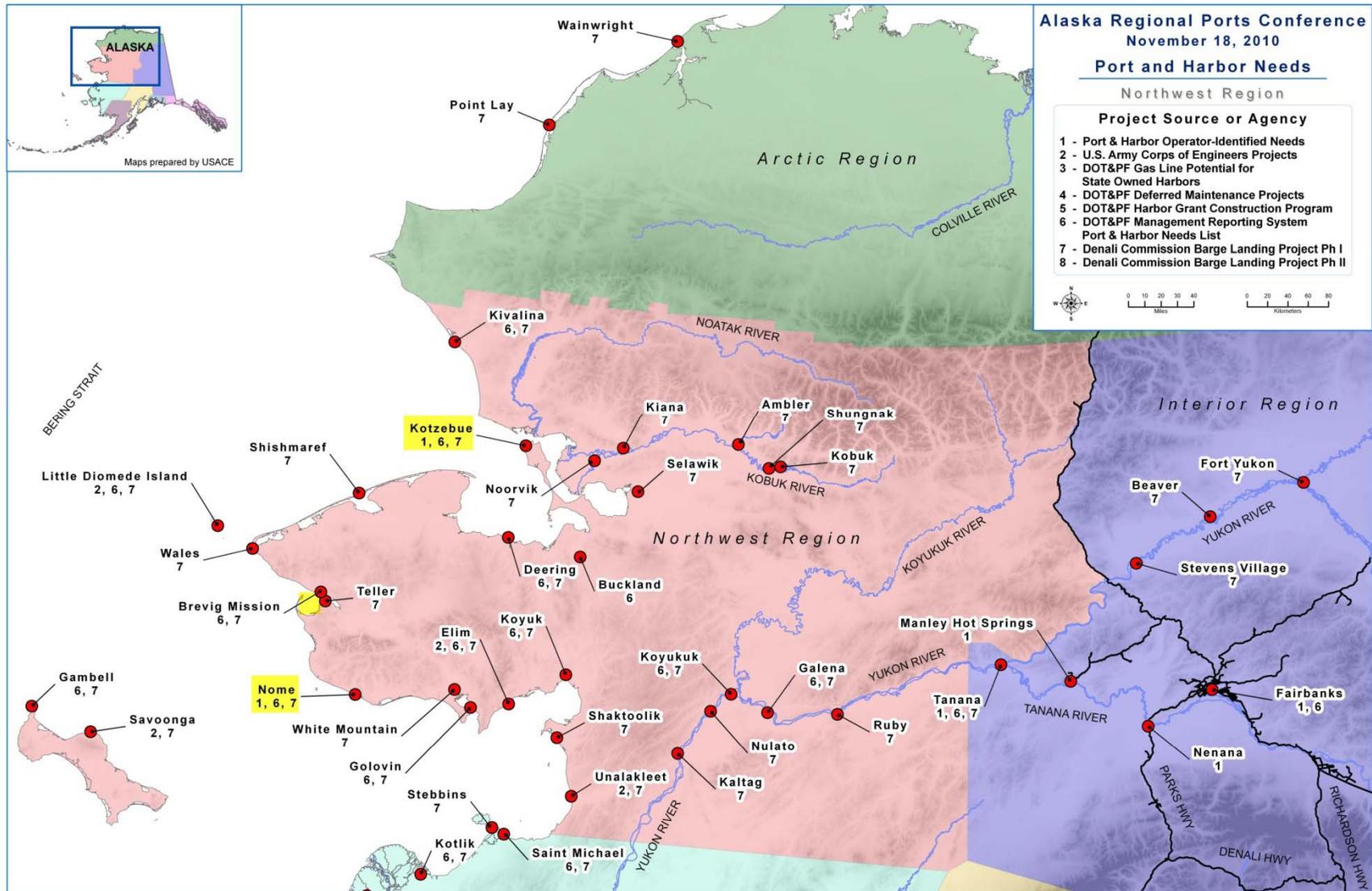
# Hubs by Region: Arctic



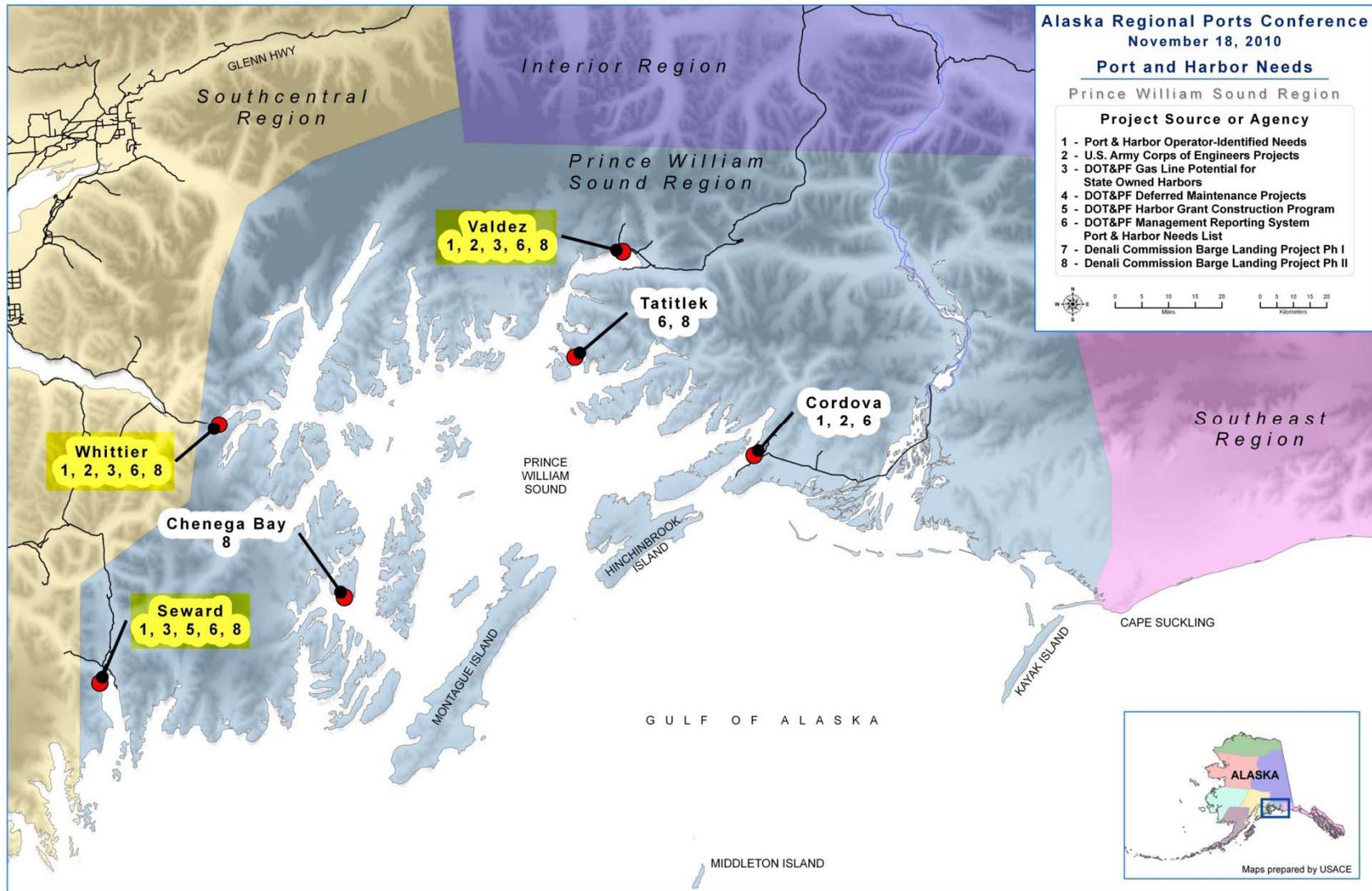
# Hubs by Region: Interior



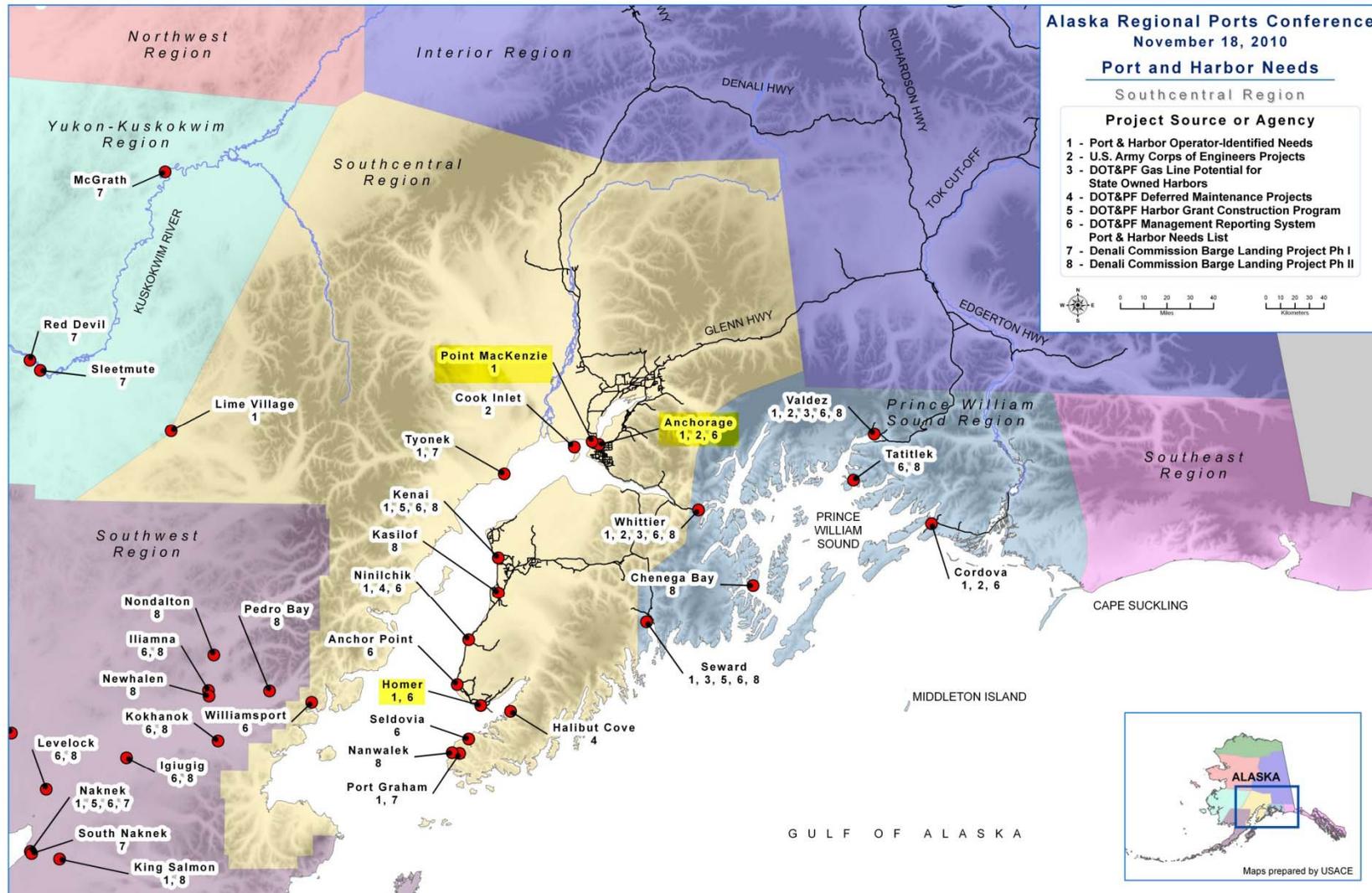
# Hubs by Region: Northwest



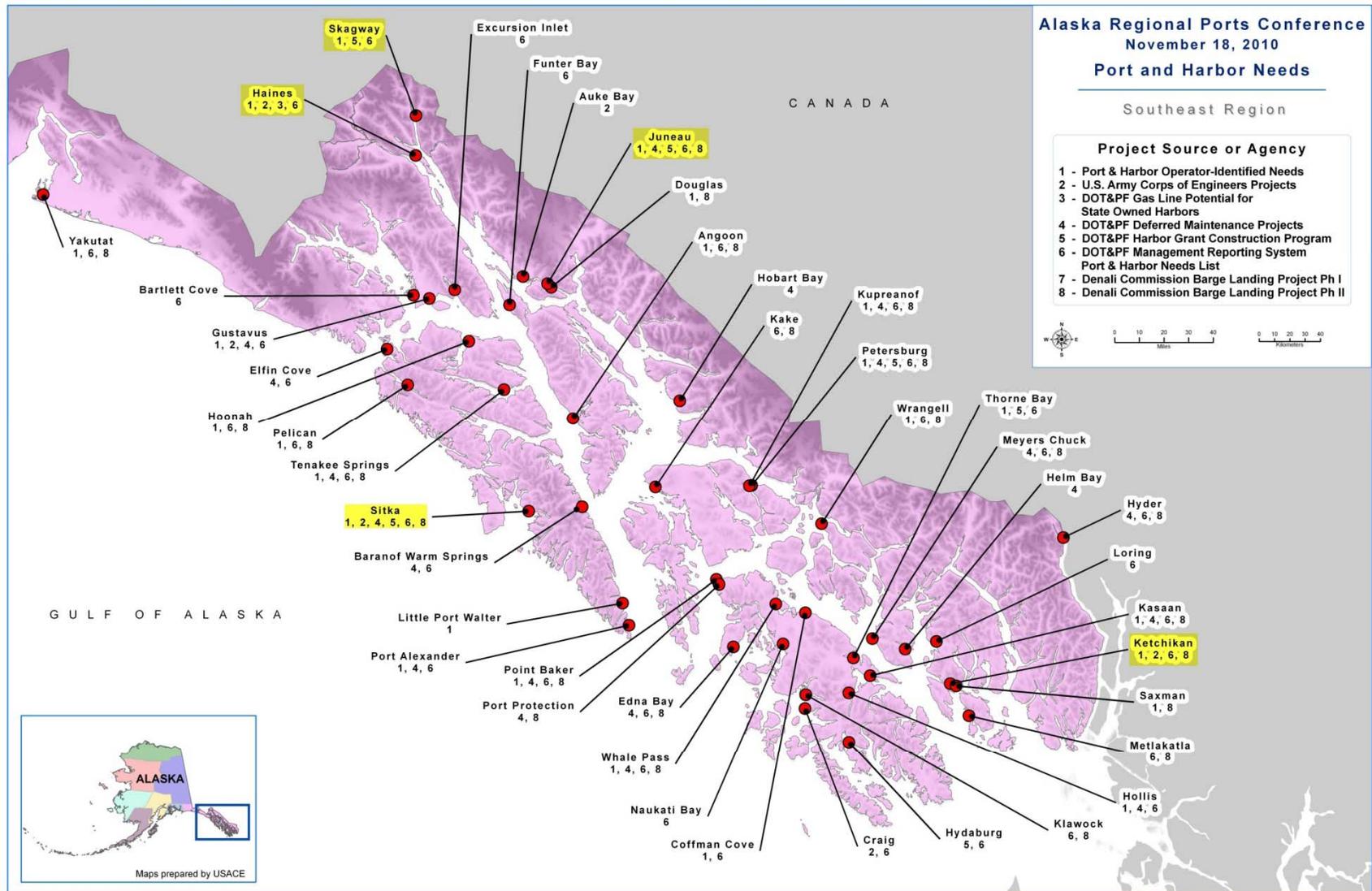
# Hubs by Region: Prince William Sound



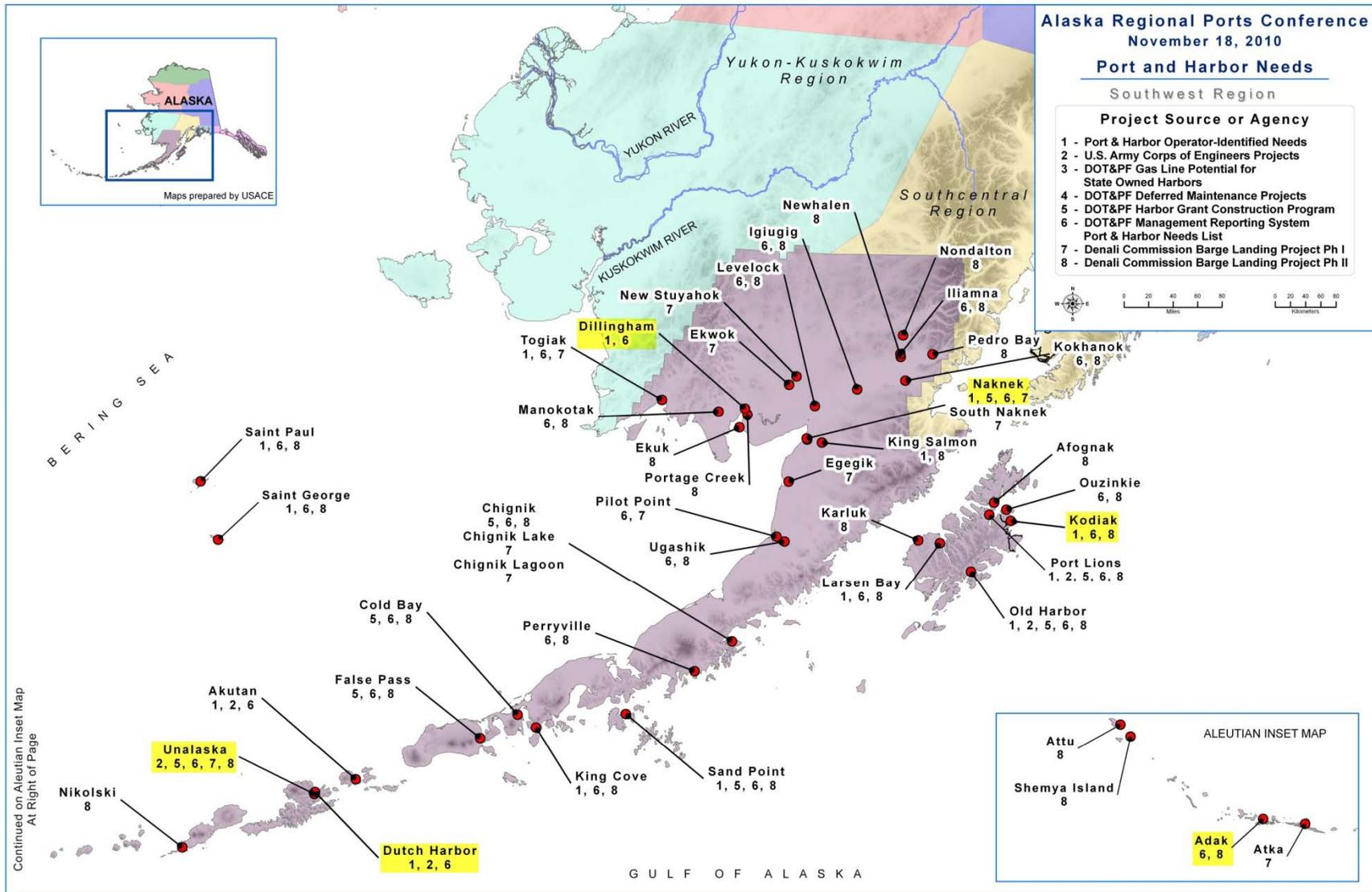
# Hubs by Region: Southcentral



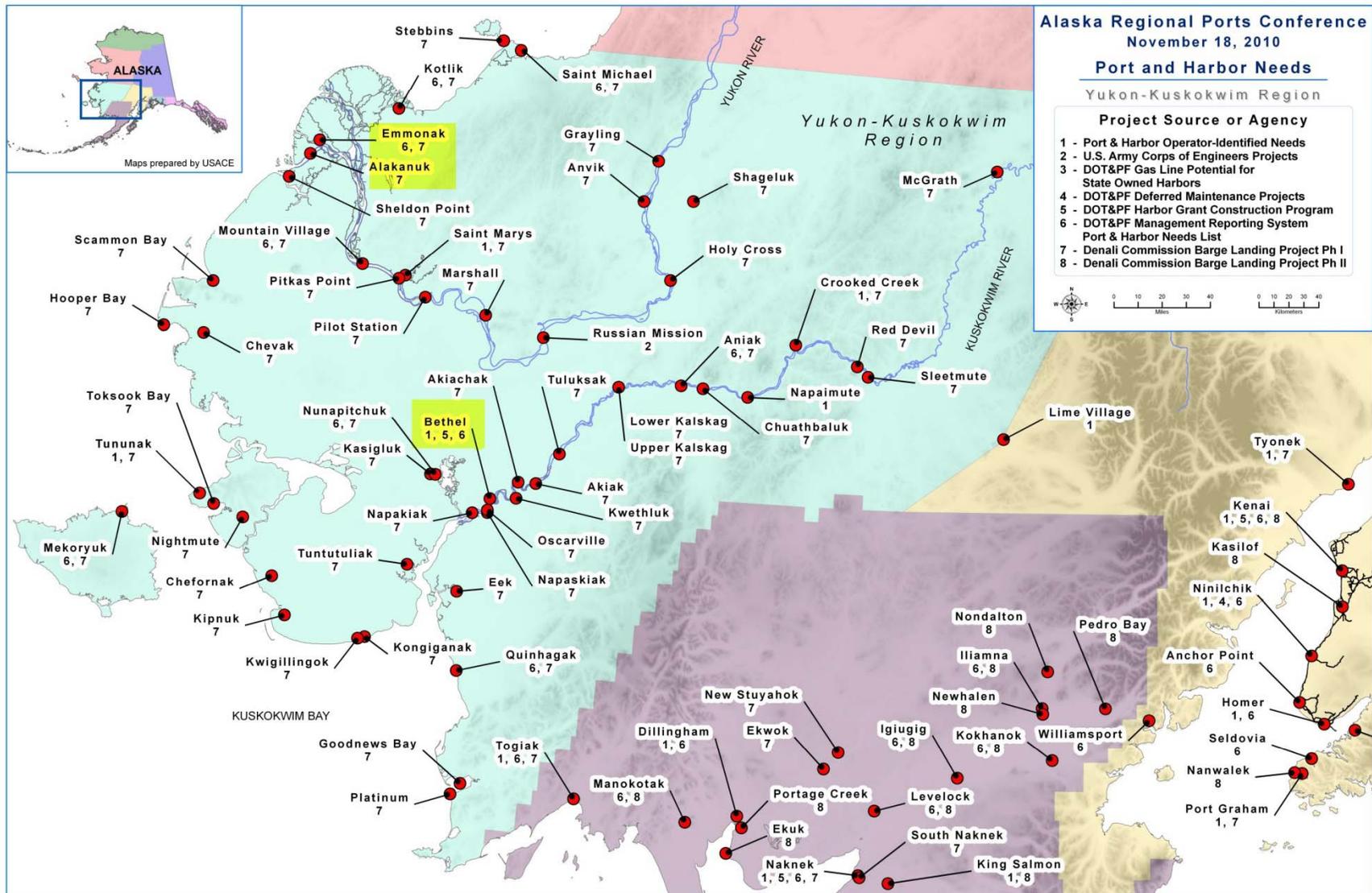
# Hubs by Region: Southeast



# Hubs by Region: Southwest



# Hubs by Region: Yukon-Kuskokwim



# 2010 Statewide Ports and Harbors Needs List

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Presentation to

**2<sup>nd</sup> Alaska Regional Ports Conference**

Alexus Bond

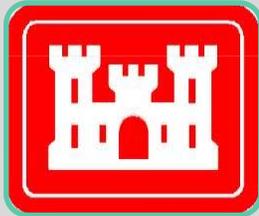
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# Data Sources

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## U.S. Army Corps of Engineers

- In-house Project List
- Facility Survey



## AK Department of Transportation

- Management Reporting System (MRS)
- Municipal Harbor Facility Grant Program
- Gas Line



## Denali Commission

- Alaska Barge Landing System Design Statewide Phase I
- Alaska Barge Landing System Design Statewide Phase II

# U.S. Army Corps of Engineers (USACE)

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- USACE Project List
- Navigational Improvements
  - Reconnaissance
  - Feasibility
  - Preliminary Engineering and Design
  - Construction

# U.S. Army Corps of Engineers (USACE)

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## ■ Facilities Survey

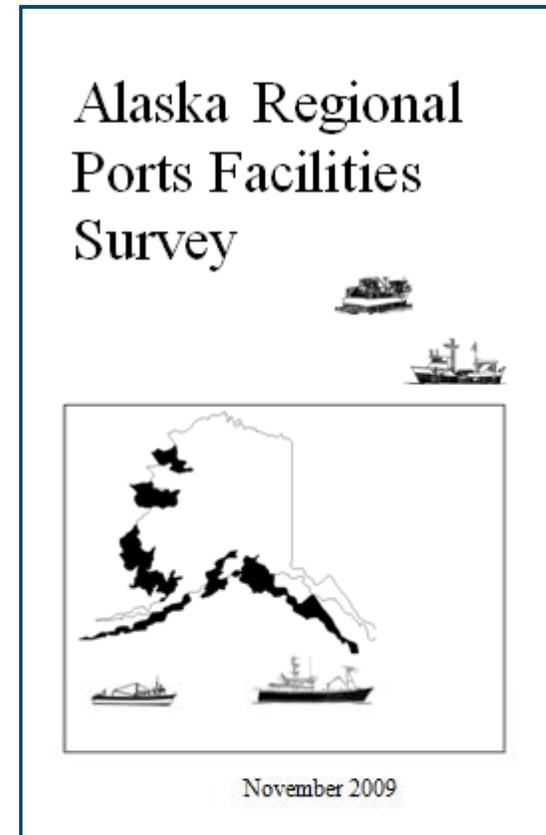
### ■ USACE and AKDOT&PF

### ■ Focused on five areas

- ◆ Facility Information and Location
- ◆ Intermodal Connections, Facility Attributes
- ◆ Future capital Investments
- ◆ Issues and Concerns

### ■ Mailing List

- ◆ State of Alaska
- ◆ AK Association of Harbormasters and Port Administrators
- ◆ Waterborne Commerce Statistics Center

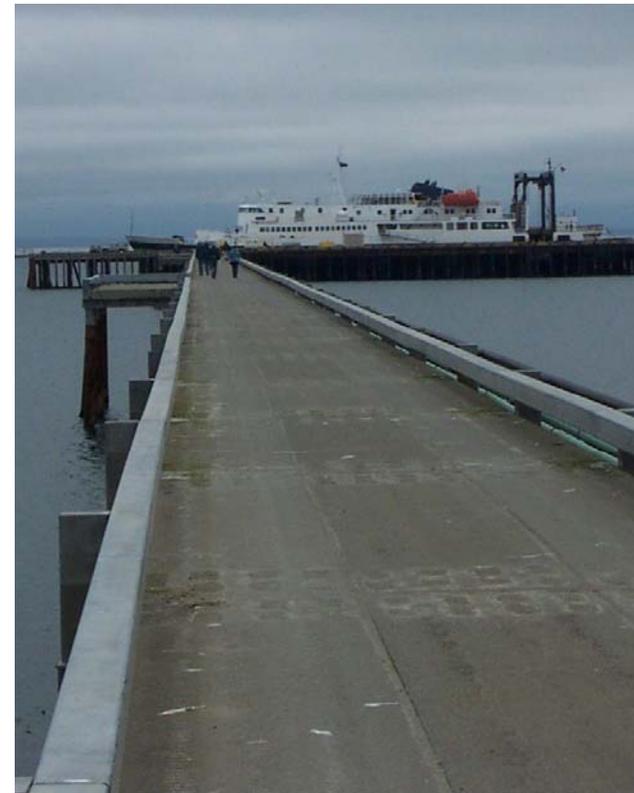


# AK Department of Transportation

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## ■ Management Reporting System

- List of all transportation project nominations
- Projects are nominated to DOT&PF
- Harbor projects are ranked using harbor criteria
  - ◆ Safety
  - ◆ Operational importance
  - ◆ Deficiency as a % of replacement cost
  - ◆ New Harbor Capacity
  - ◆ Plus 7 additional scoring criteria



# AK Department of Transportation

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## ■ Municipal Harbor Facility Grant Program

- 50/50 matching grant
- Funded annually by the AK Legislature
- Tier I – Priority projects; M&R of harbor facilities previously owned by the state and now locally owned
- Tier II – Open to all municipal harbor facilities, including those that have already received a Tier I grant

## ■ Both Tier I and Tier II projects are grouped together in the list of needs

# AK Department of Transportation

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## ■ Gas Line Needs

- A complete picture of the state's transportation infrastructure needs for construction of a natural gas pipeline
- Projects can be nominated online at the DOT website
- Once nominated they are forwarded to the regional planner for inclusion in the Gas Line Needs list



# Denali Commission

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## ■ Alaska Barge Landing System Design: Phase I & II

- Done in partnership with the USACE
- Data gathering and preliminary design effort
  - ◆ Professional and technical services provided by Tryck Nyman Hayes, Inc. and input taken from barge operators, freight and fuel companies, state and federal agencies and community development groups
- Various locations, statewide
- Project criteria include:
  - ◆ Project Timeframe/Urgency
  - ◆ Frequency of Use
  - ◆ Ease of Construction



Photo Credit: DCRA, Fuel Delivery Barge, Chignik, 2004 ©

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# Summary

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- First comprehensive list of projects
- Increases visibility of agency work / intended work
- Can help in decision-making process
  - Regional approach
  - Can help maximize project benefits by illustrating possible synergies or unnecessary overlap among agencies



# Thank You

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