

Breakout Session #5 – Synthesis and Prioritization
Wednesday a.m., 9 October 2013
Group 2

Elevator Speech

- **“Unfettered Access”**
 - Year Round - Pan Arctic
 - Central Arctic - Icebreaker
 - Coastal Zone - Small/med boats,
 - Greenland - heavy lift aircraft
 - ice sheet transition zone - ?
 - Russia - International coordination - joint solicitations and facilities

Elevator Speech-

“Sustained Pan Arctic OBs.”

- Communication Networks
- Realtime distribution

Elevator Speech

“Human Capabilities”

- Field Training
- Opportunities for interpersonal relationship building
- Broader Impacts

Table of Contents

- Executive Summary
- **1) Science Background**
 - “Logistics for Arctic Science”
- **2) What is Needed?**
 - “Integrated Logistics for Integrated Science”
- **3) Recommendations**
 - List of specific action items

Science Background

- Accomplishments (what are we doing well)
- Logistical support should be driven by science.
- What do we envision that will need support?
- But how is science currently limited by logistics?

What is needed?

- **Major Infrastructure**
 - Ships, planes, hubs, mobile units, ...
- **Arctic-wide Autonomous Capability**
 - Communications, lower power, smaller C footprint
- **International Access and Collaboration**
 - Permitting, International and Inter-agency funding structures

What is needed?

- Facilitation of Interdisciplinary Collaboration
 - Periodic meeting for Arctic System Synthesis
- Human-Capacity Building
 - Recruitment, retention, ...
- Increase Resources
 - Building private and industry partnerships, “1% for Science !!”, ...

Timeline

- Add a figure that shows a conceptual timeline of long-lead time and urgent items

Recommendations

- Table of actionable items that are organized according by time.