CPS Ship Support
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AICC Meeting    Seattle, WA    November 2014
Who is CH2M Hill Polar Services?
How does CPS integrate with ship support?
2014 Activities Relevant to AIICC

- No logistics stopovers for HEALY in Barrow
- Hired Community Observer for 2 USCG cruises
  - HLY1401: Arrigo
  - HLY1402: Pickart
- Coordinated with AEWC and BWCA
  - Provided ground support for group disembarking from CCGC LAURIER and embarking onto CCGC AMUNDSEN
Community Observer Program

Core Duties

• Communicate with native communities to avoid potential conflict
• Heighten cultural awareness of researchers and crew
• Share science with native communities
AEWC and BWCA

- Subsistence whaling occurs in many North Slope villages, sanctioned by IWC
- UMIAQ has relationship with AEWC and BWCA
ODEN

• Personnel exchange supported via small craft (61 disembarking, 58 embarking) in half a day
• 42’, drop gate, 20 pax COI
• Limited provisions delivered to ODEN
• US Customs clearance in Barrow
**UNJALAQ**

- New ship, homeported in Anchorage
- 150’ landing craft design
- May be available for science, logistics stopovers
2013 Lookback

- 2 logistics stopovers in Barrow
- Personnel transfers via helicopter and large landing craft
- External challenges: food storage, ARAON helo, lodging
Kadko-GEOTRACES

- Aug 7 - Oct 12
- MOB/DEMOB out of Dutch Harbor
- Potential equipment transfer from RUSALCA offshore of Nome
- Participation of Community Observer TBD pending discussions with AEWC
- CPS to assist with community outreach
- CPS to subcontract field engineer support from APL-PSC
## Helicopter vs. Vessel

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<th>Pro</th>
<th>Con</th>
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<td><strong>Helicopter</strong></td>
<td>• Familiar process</td>
<td>• Expensive day rate</td>
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<td>• <em>HEALY</em> has helo deck</td>
<td>• Mobilization from FAI or ANC</td>
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<td>• Training opportunity for ship’s crew</td>
<td>• Weather dependent (fog, wind)</td>
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<td>• Potentially less expensive than vessel depending on vessel size/availability</td>
<td>• USCG regulation on swell size can impact ops</td>
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<td>• Few pax per trip – time consuming</td>
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<td><strong>Vessel</strong></td>
<td>• Unaffected by fog</td>
<td>• Dependent on calm seas</td>
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<td>• Potentially less expensive depending on vessel size/availability</td>
<td>• Requires ladder from ship</td>
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<td>• Possible mobilization from Prudhoe</td>
<td>• Large difference in deck heights</td>
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<td>• Larger pax load per trip than helo- quick</td>
<td>• Availability, schedule, and cost have been issues</td>
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<td>• Competition with industry</td>
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Questions?

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(Thank You)