



Who is Traversing?

- National Science Foundation
- CH2M Hill Polar Services
- Cold Regions Research & Engineering (CRREL)
- * Dartmouth U. robotics students



Thule 76°31′55.19″N, 68°42′10.81″W • NEEM 77°30′0.00″N, 50°52′0.12″W • Summit 72°34′12.00″N, 38°28′48.00″W



Why Traverse?

- Lower environmental impact
- Suggested by DPC in 2004, Kangerlussuaq to Summit
- Fewer cargo constraints: Size, weight, availability
- Lower cost
- Other potential benefits to science



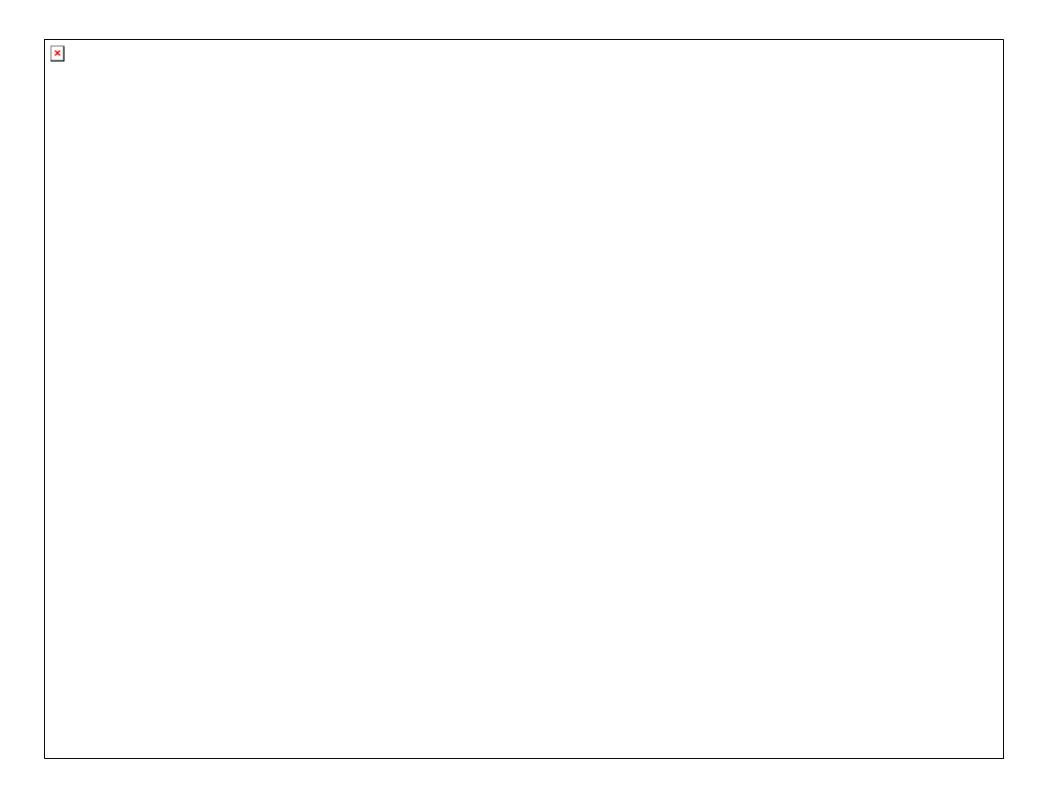
Why Traverse From Thule?

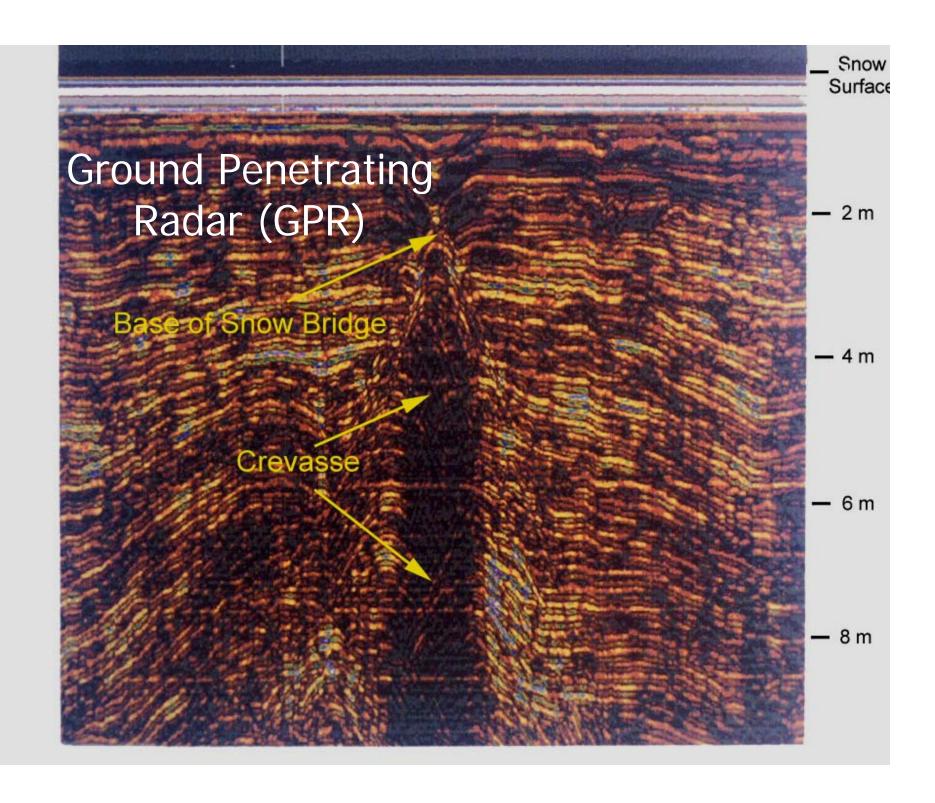
- Far North location
- Access to icecap
- Excellent cargo hub & support capabilities
- History of traversing (Camp Century/ Heavy Swing)













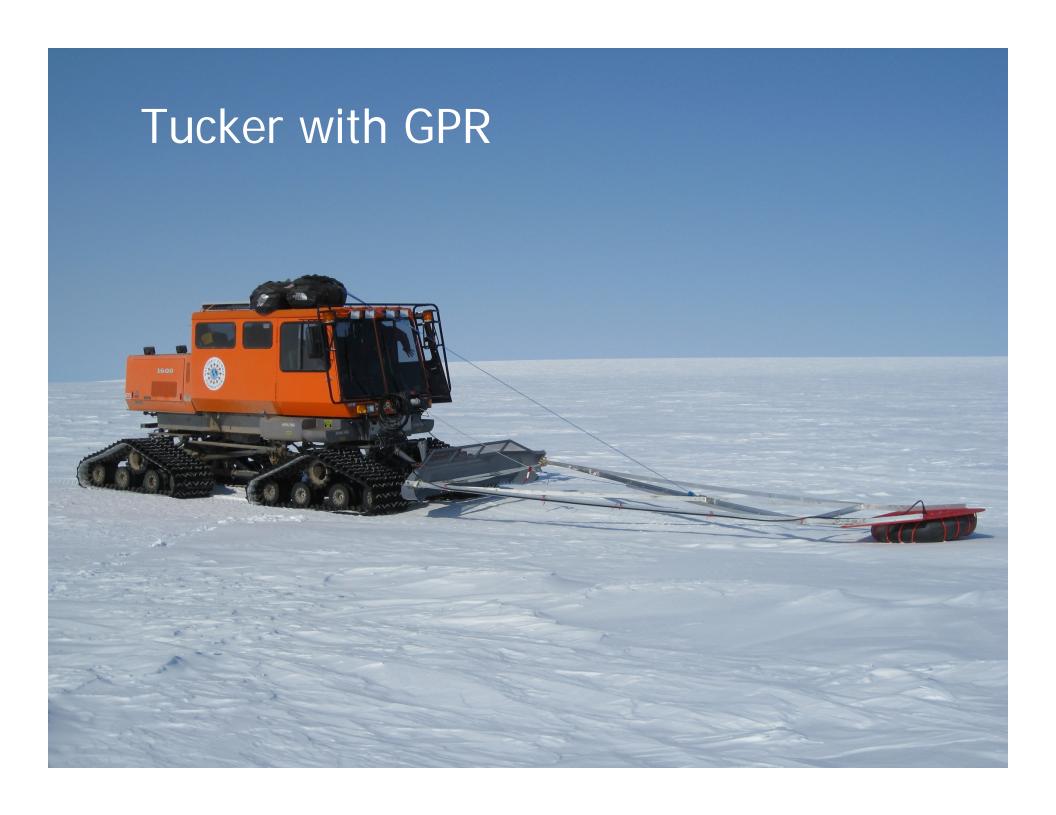














Method of Operation

- Sequential camps as the team moves up the glacier
- Tent camping
- Stop at NEEM where 2 team members depart
- 3 team members continue to Summit Station
- Return to Thule in June
- Future plans

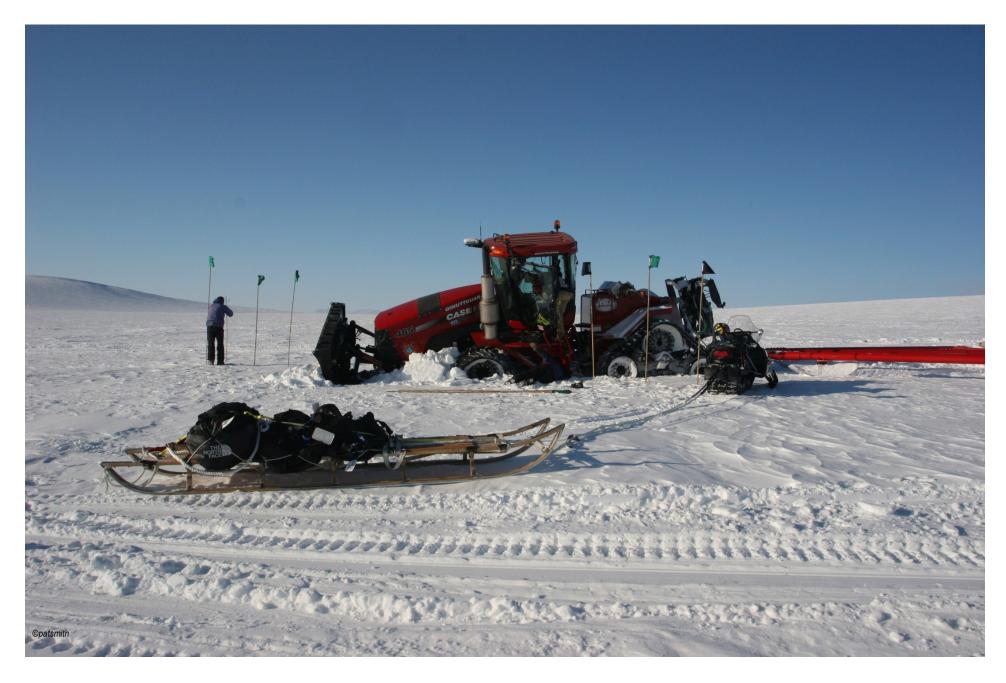
08 GRIT Team

- Brad Johnson, Team
 Leader & Explosives Expert
- Pat Smith, Mechanic
- Allan Obannon,
 Mountaineer & Medic
- Jim Lever, Mobility Expert
- Allan Delaney, GPR Expert

Thule Support Group

- Jay Burnside, Project Manager
- Jason Weale, Mobility Engineer
- Susan Zager, Thule Liaison
- Larry Levin, Tech Specialist
- Tracy Dahl, Tech Specialist
- Brian Buckley, Carpenter
- Jim Latshaw, Carpenter
- Kevin Olds, Robotics Student
- Eric Trautman, Robotics
 Student

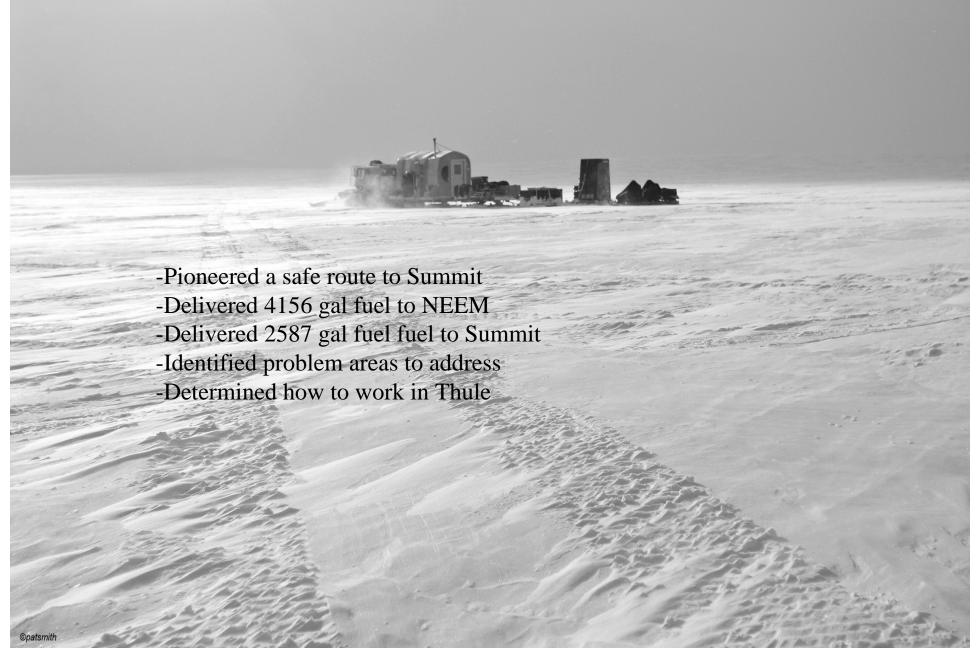
Alternative Crevasse Detection



2008 Challenges

- Short planning time
- Permits
- Explosives
- Poor snow conditions
- High GP vehicle = very limited mobility
- Deep ruts
- Side hills & down hills
- Snow buildup between sleds
- No good way to carry cargo
- Slush flows

2008 Accomplishments





What's Next?

