



Trans Alaska Pipeline System

The Challenges & Opportunities Ahead

Greg Jones, Acting President,
Senior VP Technical Support



“We didn’t know it couldn’t be done.”





Alyeska pipeline
SERVICE COMPANY



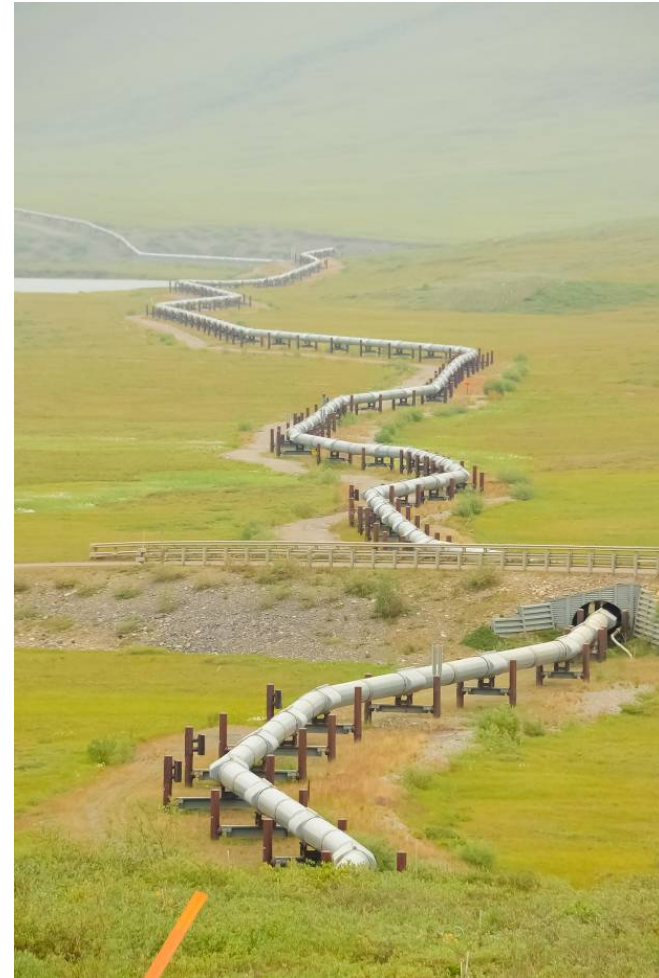
“We were all kind of excited. We were all scared about being where we were. Most of this activity was done in the wintertime when it was dark, when it was cold. Sometimes we didn’t know where we were; we were just absolutely lost. It was a pioneering time.” – Ben Holeman



Ramp up & Peak Production

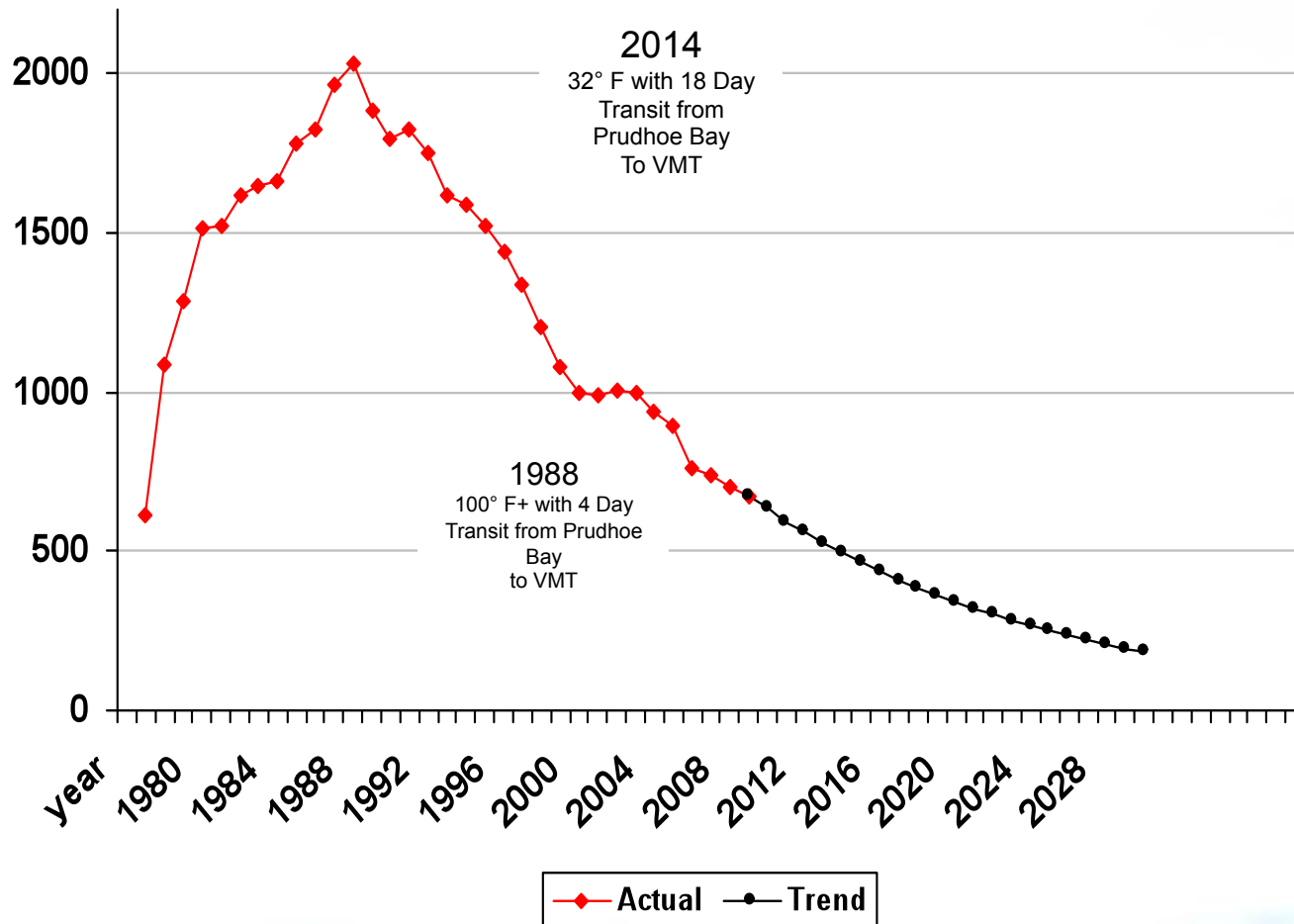


- **Designed to move
1.5 MBPD**
- **Peak Production, 1988
2.1 MBPD**





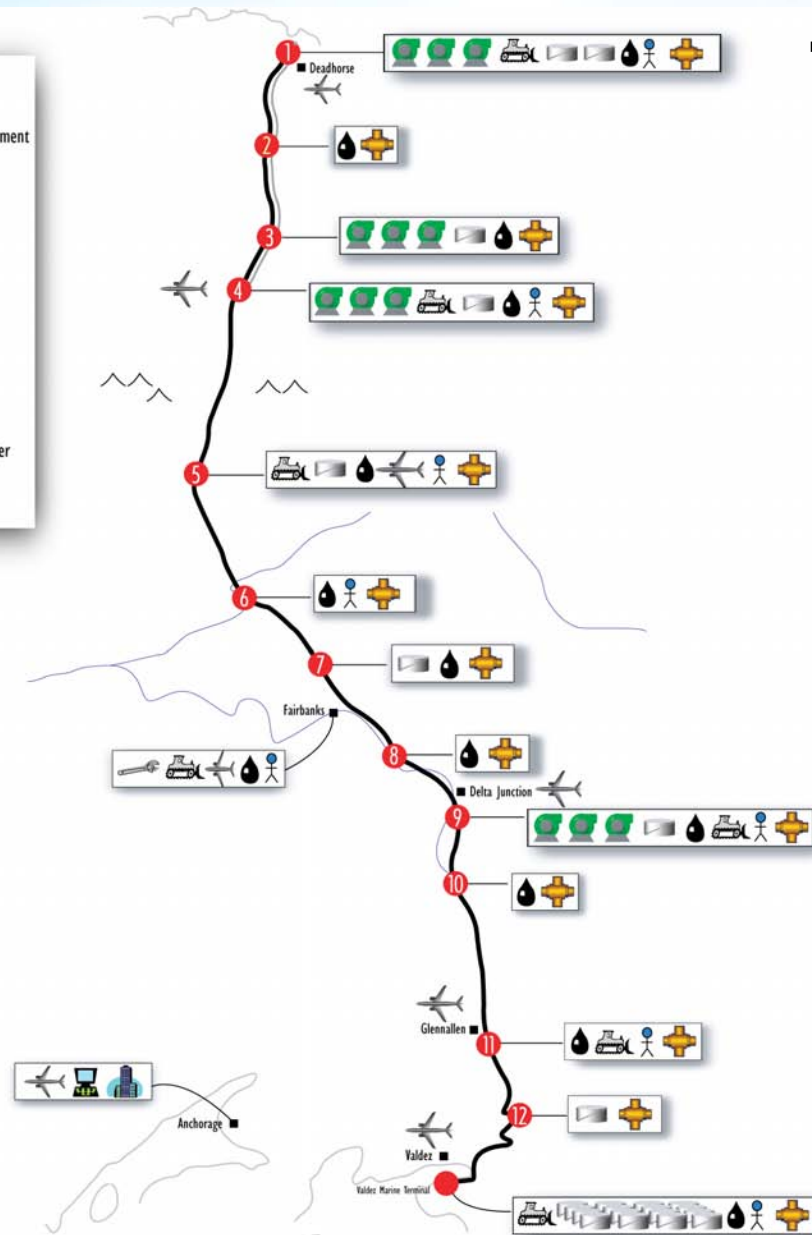
Declining Throughput



Determination, Ingenuity, Partnership



TAPS Today

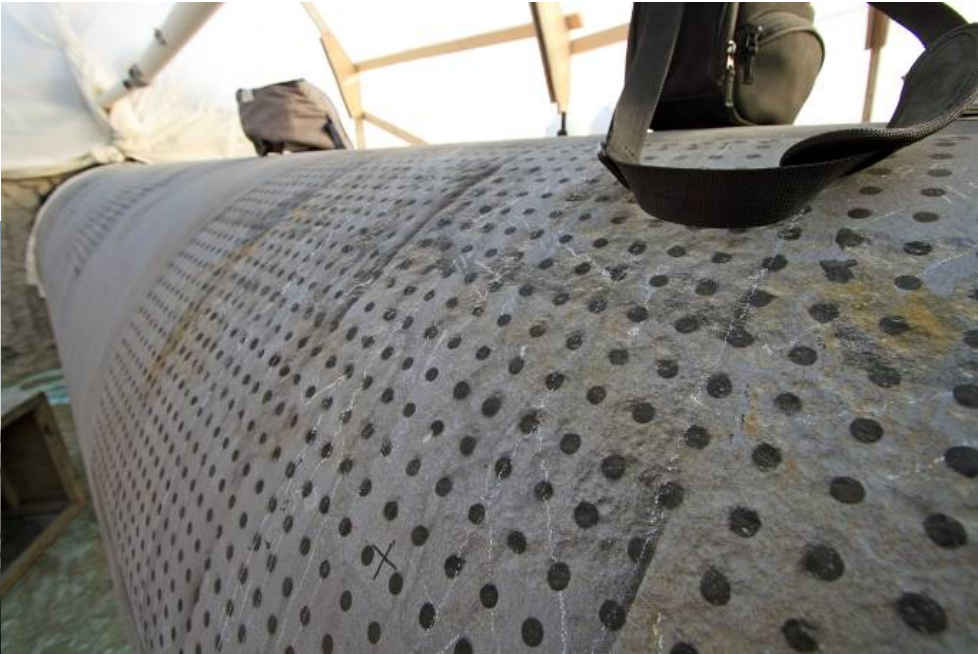


- Major leap in technology
 - New automated electric pump stations
 - Improved efficiency, reduced environmental impact
- Dramatic reduction in footprint and infrastructure
- Modern equipment, improved diagnostics
- Operation from one Control Center
- 4 pump stations

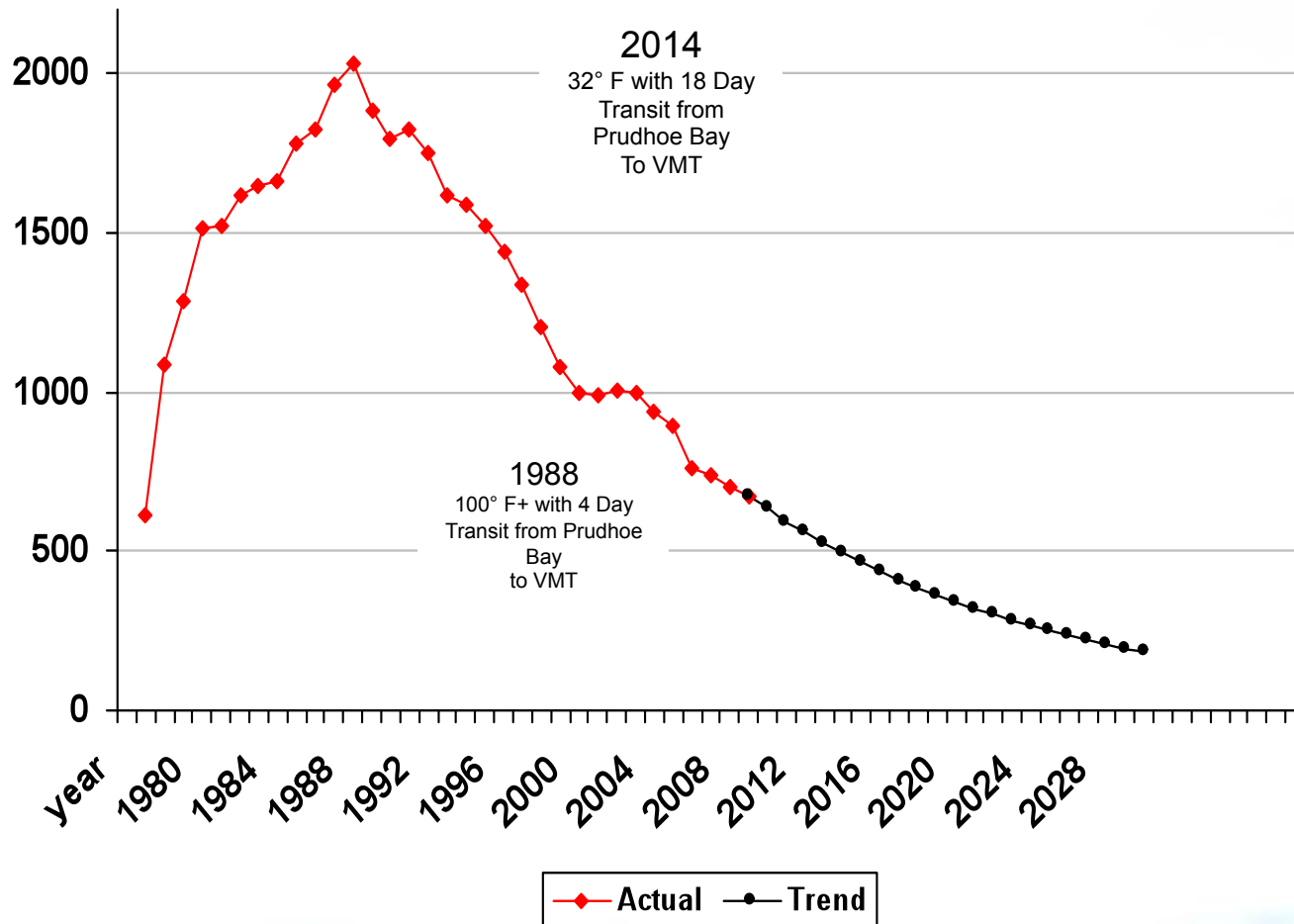


Electrification & Automation





Low Flow, Reduced Transit Time, Cold Oil



Low Flow Study



Low Flow Scenario



- Poor weather
- Cold temperatures
- Boom challenges
- Inventory builds
- Producers prorate
- Potential shut down



Potential Low Flow Solutions



History of Partnership



ANCSA Contractors working along side us

- Ahtna
- ASRC Houston
- Chugach
- Doyon
- TCC
- And many more





Valdez Marine Terminal (VMT)



Safety & Environment



Dedication, Ingenuity & Partnership

