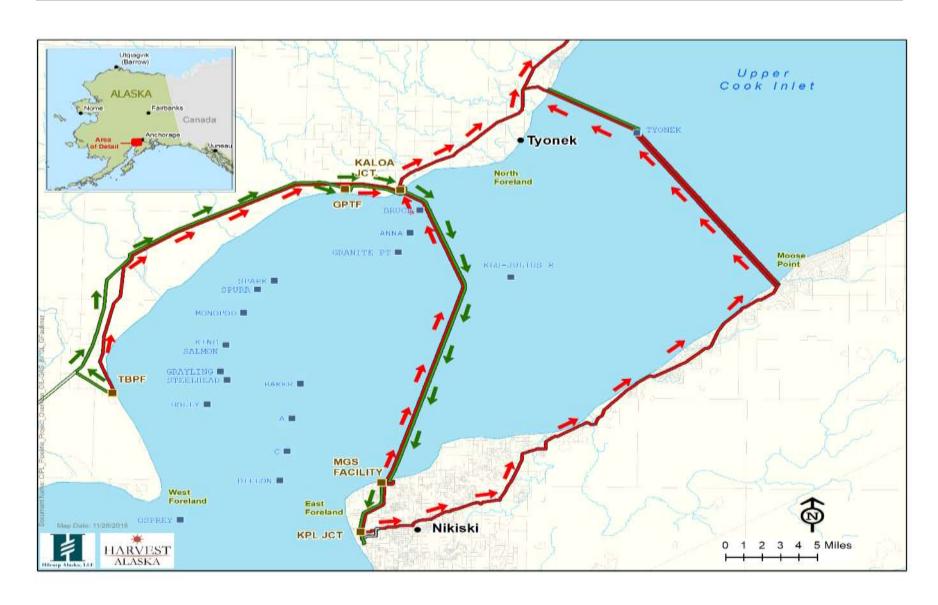




## **Cross Inlet Pipeline Completion**

## **Current Configuration – Cook Inlet Oil & Gas**





#### **Project Benefits**



#### Oil

- Move crude oil passage from the west to east side of Cook Inlet via pipeline
- Eliminate tanker traffic from Christy Lee to KPL Dock
- Significantly reduce quantity of stored oil in one location, reducing spill risk
- Decommission Drift River Terminal, Christy Lee, and CIPL piping south of Kustatan
- Reduce total transportation costs and extend life of Cook Inlet oil production
- Extend economic viability of Marathon Refinery

#### Gas

- Enhance redundancy and reduce risk to two lines through 10+ mile separation
- Maintain east-to-west throughput capacity
- Allow direct transportation of gas from Tyonek platform to west side

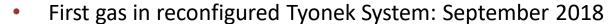
#### **Project**

- More efficient use of rights-of-way
- Highest and best use of regulated infrastructure
- Construction activities benefited suppliers and workers in Cook Inlet basin

#### X-Inlet Pipeline Statistics



- 25 miles of new pipe built and installed
- Reconfigured 115 miles of existing pipelines
- 53 contactors used (Primarily Alaskan)
- Local and Native hire utilized
- Over 500,000 hours worked
- 102 permits were obtained and executed
- No agency spills
- Good Safety Culture



- First oil across the inlet: October 2018
- Estimated 12,000 bpd flowing across the inlet by December





#### 2019 Work Plan



- 400' intermittent tie-in segment remaining
- Tyonek Platform tie-in remaining

Both are scheduled for completion Spring/Summer 2019



#### **Leak Detection**



- Modernized leak detection system installed
- Current mass balance technology
- New ATMOS Wave technology
  - Able to detect and locate leaks using pressure waves in oil





## **Drift River Decommissioning**



- RCA approval granted for Drift River Decommission
- De-inventory and clean facility piping and tankage 2Q & 3Q 2019
- Install test stations and perform site characterization 3Q & 4Q 2019
- Address remediation criteria 2Q &3Q 2020



## Christy Lee – Loading Facility



- De-inventory and clean 30" subsea pipelines and loading facility 2Q 2019
- Install Micro Turbine and secure facility in lighthouse mode 3Q 2019





# Questions / Feedback?