



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 contractors 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
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- First gas in reconfigured Tyonek System: September 2018
 - 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?