



# HARVEST --- ALASKA

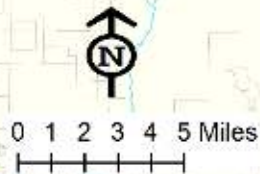


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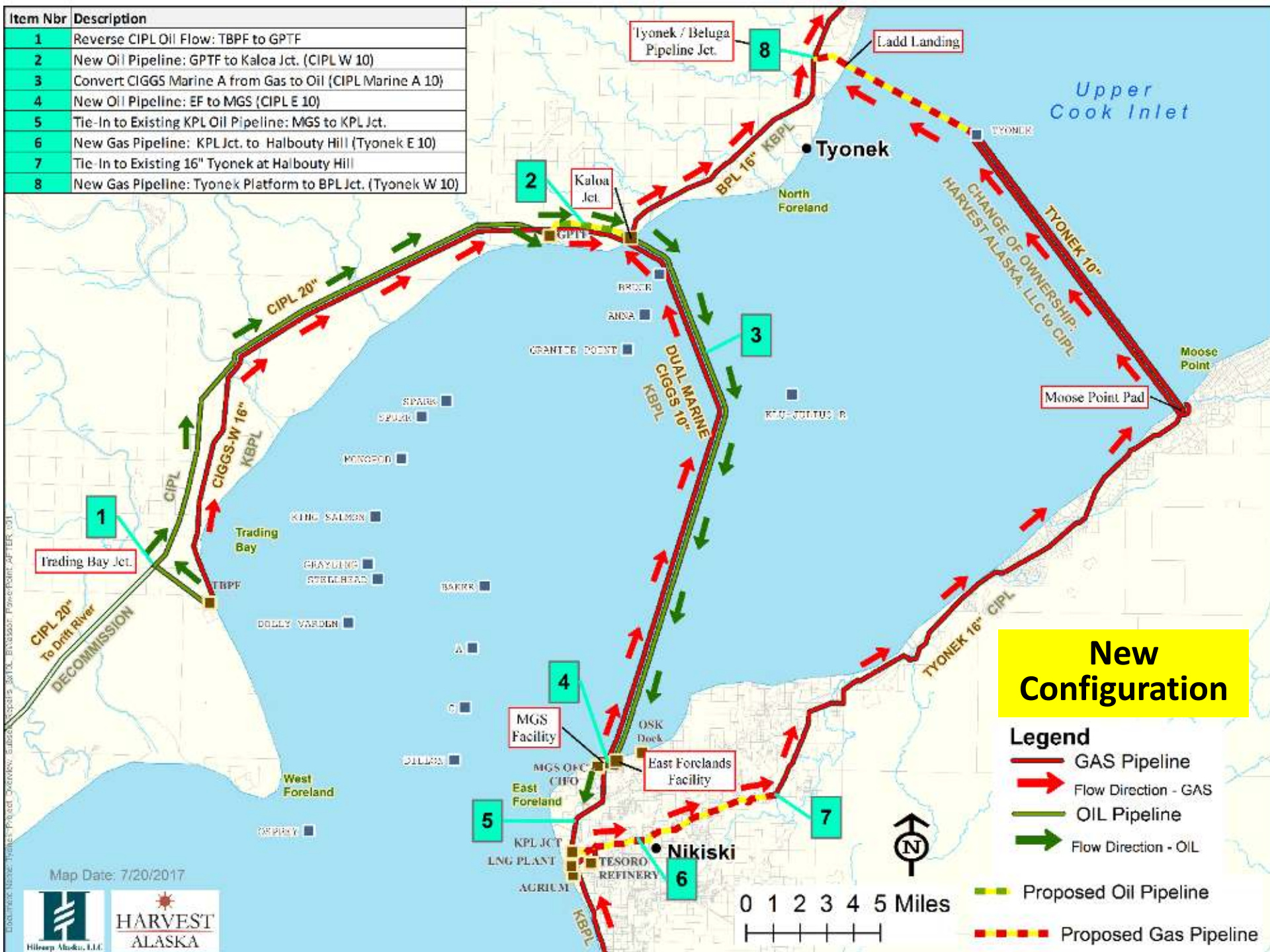
**Current Configuration**

- Legend**
- GAS Pipeline
  - Flow Direction - GAS
  - OIL Pipeline
  - Flow Direction - OIL



Document Name: Tyonek Project Overview\_Subarea\_Bacara\_3x OL\_3x Mission PowerPoint\_BEFORE\_V01

Item Nbr	Description
1	Reverse CIPL Oil Flow: TBPF to GPTF
2	New Oil Pipeline: GPTF to Kaloa Jct. (CIPL W 10)
3	Convert CIGGS Marine A from Gas to Oil (CIPL Marine A 10)
4	New Oil Pipeline: EF to MGS (CIPL E 10)
5	Tie-In to Existing KPL Oil Pipeline: MGS to KPL Jct.
6	New Gas Pipeline: KPL Jct. to Halbouty Hill (Tyonek E 10)
7	Tie-In to Existing 16" Tyonek at Halbouty Hill
8	New Gas Pipeline: Tyonek Platform to BPL Jct. (Tyonek W 10)



## New Configuration

- Legend**
- GAS Pipeline
  - ➔ Flow Direction - GAS
  - OIL Pipeline
  - ➔ Flow Direction - OIL
  - Proposed Oil Pipeline
  - Proposed Gas Pipeline



Map Date: 7/20/2017



SOURCE: HARVEST ALASKA; PROVIDED: HARVEST ALASKA; DATE: 2017; ENVIRONMENTAL: PHASE 1; DATE: AFTER 2017

# Harvest Alaska – CIPL Cross Inlet Extension

## Objectives:

- Extend life of Cook Inlet Oil
- Eliminate Tanker Transportation (Risk & Cost)
- Lower O&M Costs → Lower Transportation Cost
- Avoid Impact of Periodic Volcanic Activity

## Plan Forward:

- Make Best Use of the Existing Infrastructure to Move Oil Across the Cook Inlet
- Leverage acquisition of Tyonek Platform and Pipelines

# Harvest Alaska – CIPL Cross Inlet Extension

## Concept:

- With Modifications, Utilize Existing CIGGS-A Gas Pipeline to Transport Oil
- With Modifications, Utilize Existing and New Tyonek Pipelines to Replace CIGGS-A Capacity to Transport Gas

# Harvest Alaska – CIPL Cross Inlet Pipeline

## Key Components of Project:

- RCA Approval
- Environmental Permitting
- ROW Agreements
- Material Delivery
- Project Execution



# CIPL Cross Inlet Extension – Work Packages

<b>West Side Pipelines</b>
CIPL W 10 - GPTF to Kaloa
Tyonek W 10 - Tyonek Platform to BPL Junction
Tyonek W 10 - LADDS to BPL
CIGGS Dual Marine A conversion to Oil
<b>East Side Pipelines</b>
CIPL E 10 – East Forelands to MGS
Tyonek E 16 - KPL Jct to Halbouty Hill Replacement
Tyonek N 10 and S 10 subsea repairs - Moose Point to Tyonek Platform
<b>West Side Facilities</b>
TBPF
Trading Bay Junction
GPTF
Kaloa
BPL Junction
<b>East Side Facilities</b>
East Forelands
MGS Facility
KPL Junction
Moose Point
Halbouty Hill





# CIPL Cross Inlet Extension – Current Status

## **Westside Pipelines: GPTF -> Kaloa; Tyonek -> BPL**

- Final Negotiations with Houston Contracting Company (Prime) and Crowley Marine (Offshore Sub)
- Mobilize to Westside end of Sept to begin Civil SOW in anticipation of delivering pipe before inlet ice
- Complete majority of onshore work in advance of beginning offshore pipeline pull around May 1
- Complete offshore pipeline pull late-July

# C IPL Cross Inlet Extension – Current Status

## **Eastside Pipelines: EF -> MGS; KPL -> Halbouty Hill**

- EF - > MGS: Pipe is waiting to be coated and shipped. Expect issuing an RFP for installation early next week.
- KPL -> Halbouty Hill: Evaluating responses to pipe RFP. Anticipate issuing construction RFP ~ October 30

# CIPL Cross Inlet Extension



HARVEST  

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ALASKA

*Thank You*