

Cook Inlet Pipeline Integrity Assessment

Update to Cook Inlet Regional Citizens Advisory Council

September 7, 2018

Today

- Project refresher
- Status update
- Next steps

Goals

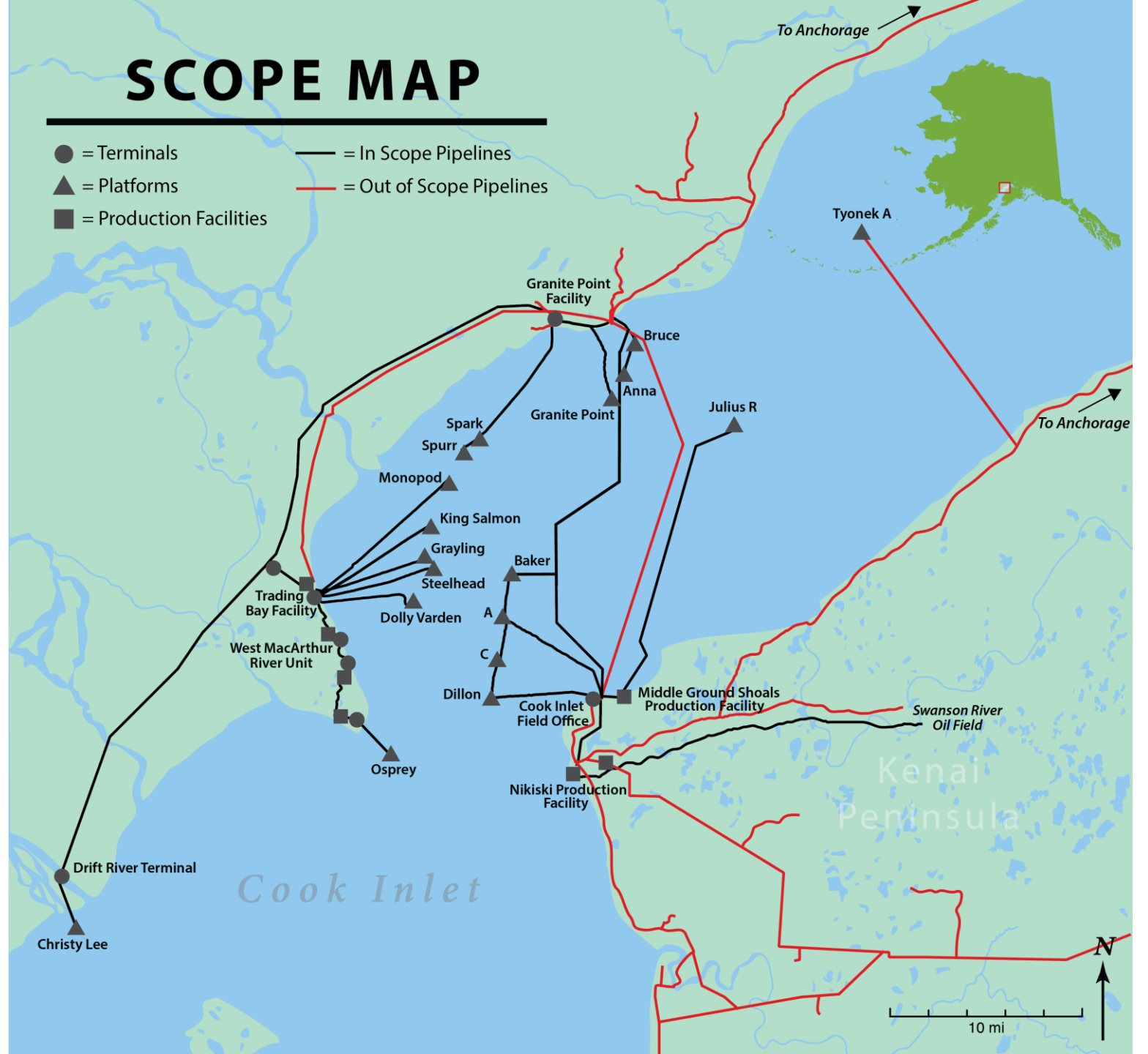
- Anticipate potential problems as Cook Inlet pipeline infrastructure ages
- Recommend risk reduction measures for implementation *before* further loss-of-integrity issues
- Ensure high quality recommendations by gaining input from *experts, operators,* and the Cook Inlet *public*

Scope

- Cook Inlet area (on land & subsea)
- Pipelines that transport oil, gas, or three-phase liquid *associated with oil production*
- Preventing & promptly detecting spills (age, material, maintenance/integrity management, leak detection, security)
- So...**not** including:
 - Refined product
 - Gas lines associated with gas production or commercial distribution
 - Spill preparedness or response

Scope

SCOPE MAP



Phases

Phase 1 – Describe the regulatory framework for pipelines and inventory pipelines in Cook Inlet

- **Phase 2** – Validate and improve the inventory with the pipeline operators and investigate loss of integrity events
- **Phase 3** – Expert panel reviews information collected, interacts with the operators and public, and develops and documents their recommendations

Regulatory Status

- Preliminary draft on hold
- PHMSA Task Force concluding; public report forthcoming
- Review results and summarize in report
- PHMSA and ADEC review language

Inventory

- Maps
- Database – keyed on individual pipeline
 - Administrative
 - Physical
 - Regulatory
 - Integrity Management
 - Loss of Integrity Incidents

Select pipeline to change

Action: 0 of 63 selected

<input type="checkbox"/> NAME	NUKA PIPELINE ID
<input type="checkbox"/> KPL Dock Pipeline	TR02A
<input type="checkbox"/> KPL Oil Transmission Pipeline from MGS	TR01A
<input type="checkbox"/> Swanson River Crude Oil Transmission Pipeline	HP21B
<input type="checkbox"/> Swanson River Dry Gas Pipeline	HP21A
<input type="checkbox"/> Dolly Varden 4" Flowline	HP20C
<input type="checkbox"/> Dolly Varden Gas Pipeline	HP20B
<input type="checkbox"/> Dolly Varden 8" Flowline	HP20A
<input type="checkbox"/> Steelhead Gas Pipeline #1	HP19C
<input type="checkbox"/> Steelhead Gas Pipeline #2	HP19B
<input type="checkbox"/> Steelhead Flowline	HP19A
<input type="checkbox"/> Grayling Gas Pipeline	HP18B
<input type="checkbox"/> Grayling Flowline	HP18A
<input type="checkbox"/> King Salmon Gas Pipeline	HP17B
<input type="checkbox"/> King Salmon Flowline	HP17A
<input type="checkbox"/> Monopod Gas Pipeline	HP16B
<input type="checkbox"/> Monopod Flowline	HP16A
<input type="checkbox"/> UNKNOWN	HP15C
<input type="checkbox"/> Spurr Out-of-Service Pipeline	HP15B
<input type="checkbox"/> Spurr Gas Pipeline	HP15A
<input type="checkbox"/> Spark Out-of-Service Pipeline	HP14B
<input type="checkbox"/> Spark Gas Pipeline	HP14A
<input type="checkbox"/> Fuel Gas Pipeline for Anna, Granite Pt, Bruce	HP13B

EXPORT

ADD PIPELINE +

FILTER

By status 2018

All

Abandoned

Active

Not in Service

Out of Scope

-

By operator 2018

All

Amoco

Cl Energy

Harvest Alaska

Furie

Hilcorp

Andeavor

Shell Western E&P

Unocal

Marathon

Kenai Pipe Line Company

Cook Inlet Pipe Line Co.

Cook Inlet Energy

COOK INLET ENERGY, LLC

COOK INLET PIPE LINE CO

HILCORP ALASKA, LLC

ABANDONED

TESORO ALASKA PIPELINE

COMPANY LLC

HILCORP ALASKA, LLC

BP

-

By commodity subtype

All

Change pipeline

[HISTORY](#)[VIEW ON SITE >](#)

Name:

Nuka pipeline id:

Administrative

Operator id: Steelhead C (SH-C 8)

Operator id source:

Operator 2018: Hilcorp

Operator 2018 source:

Status 2018: Active

Status 2018 source:

Onshore offshore: Subsea

Onshore offshore source:

From to:

From to source:

- PHMSA (None)
- Nuka Research (None)
- ✓ Belmar (McArthur River platform Steelhead to shore)
- ADEC (Steelhead to Shore)
- Operator (None)
- C-Plan (Steelhead to TBPF – C Line)

Associated facilities:

Associated facilities source:

System name: TRADING BAY PRODUCTION FACILITY

Operator Engagement

- Initial meetings complete:
 - Hilcorp
 - Cook Inlet Energy
 - Furie
- Next meeting:
 - Andeavor

Next steps

- Complete regulatory overview w/ PHMSA & ADEC input
- Complete inventory w/ operator input (& agency information re: spills?)
- Move to expert panel/public process (TBD)