

# Public Quarterly Report

**Date of Report:** 5th Quarterly Report – December 31, 2025

**Contract Number:** 693JK32410010POTA

**Prepared for:** DOT PHMSA

**Project Title:** Gap Analysis to Identify Opportunities to Inform Leak Detection and Repair (LDAR) Programs in LNG Facilities

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**For quarterly period ending:** December 31, 2025

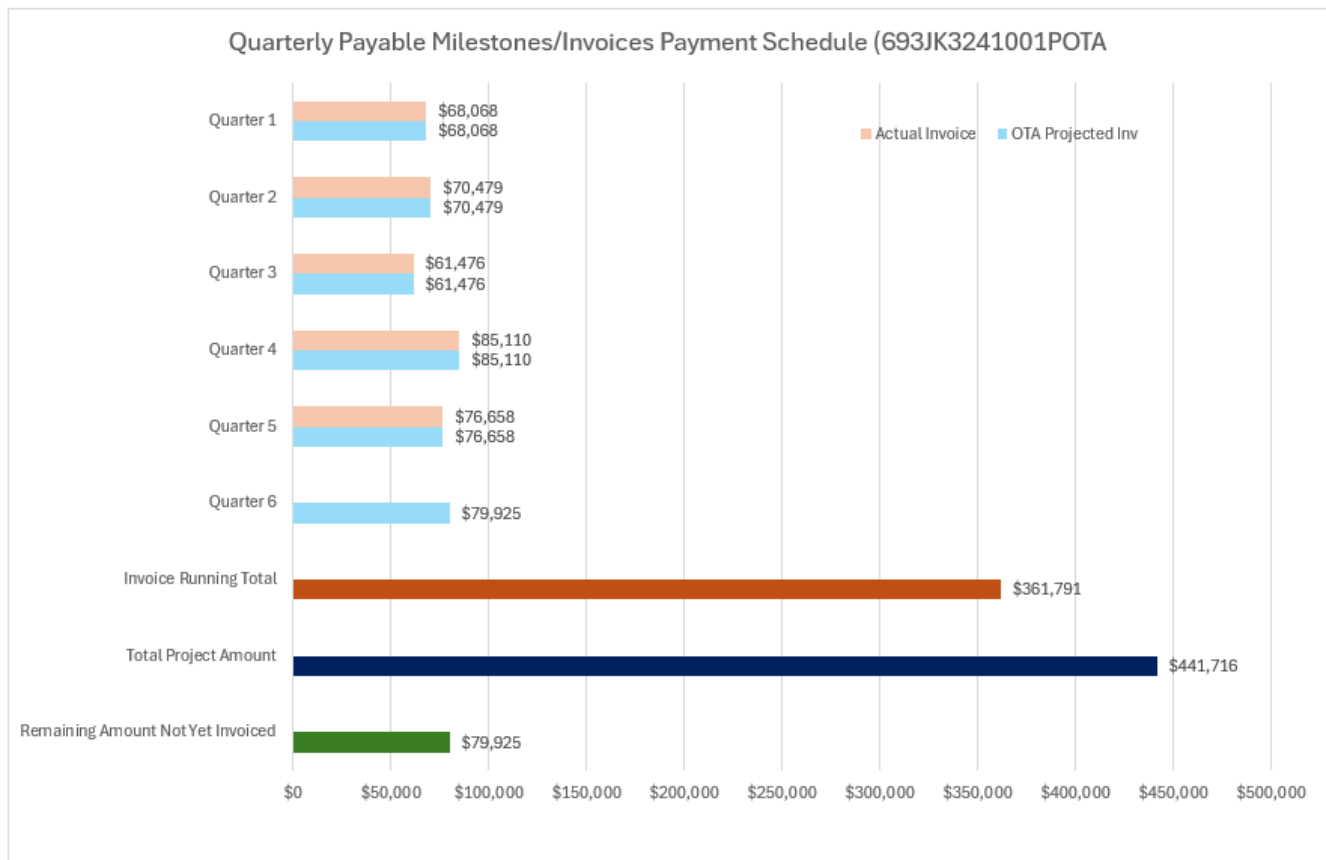
## 1: Items Completed During this Quarterly Period:

<i>Item #</i>	<i>Task #</i>	<i>Activity/Deliverable</i>	<i>Title</i>	<i>Federal Cost</i>	<i>Cost Share</i>
16	4	<i>Draft of Gap Analysis Report with Matrix Comparisons</i>	<i>Draft of Gap Analysis</i>	7,302	27,983
17	4	<i>Final of Gap Analysis Report with Matrix Comparison</i>	<i>Final of Gap Analysis</i>	46,661	20,184
18	1	<i>Quarterly Status Report</i>	<i>Submit 5th quarterly report</i>	22,695	--
21	2	<i>Prepare &amp; Present Paper at public event or publish paper in journal/magazine</i>	<i>Prepare &amp; Present Paper at public event or publish paper in journal/magazine</i>	--	1,000

## 2: Items Not-Completed During this Quarterly Period:

This project is on time and all items have been completed and delivered.

## 3: Project Financial Tracking During this Quarterly Period:



#### 4: Project Technical Status –

Item #	Task #	Activity/Deliverable	Title
16	4	Draft of Gap Analysis Report with Matrix Comparisons	Draft of Gap Analysis

A report that summarized the matrix findings was compiled for state and federal codes and regulations. Trends were identified with the state codes along the categories and questions that were in the matrix. It was found that the states primarily focused on emergency or large leak events for reporting rather than routine detection procedures like what is seen in the federal regulations like 49 CFR Part 193. Initial gaps were identified, one being inconsistent and vague nomenclature for facility types.

The draft was submitted on October 31, 2025.

Item #	Task #	Activity/Deliverable	Title
17	4	Final of Gap Analysis Report with Matrix Comparison	Final of Gap Analysis

A final draft of the Gap Analysis was completed with input from the full project team. Findings from the draft report were expanded with more details on the state-to-state comparisons and how federal codes have influenced the state codes. The final gap analysis is contributing to the project report draft and the two workstreams have influenced each other.

The final draft was submitted along with this quarterly report on December 15, 2025.

Item #	Task #	Activity/Deliverable	Title
21		Prepare & Present Paper at public event or publish paper in journal/magazine	Prepare & Present Paper at public event or publish paper in journal/magazine

The project team presented at the Americas LNG Summit in Lake Charles, Louisiana on October 21, 2025. The presentation was part of a panel of presentations called “Markets and Regulatory Insights”. The presentation focused on the technical approach of the project and the preliminary results. The operator survey was discussed including the types of facilities that the operators represented and LDAR reporting requirements. It was found that most common reporting requirements were for state-level agencies and air permits. The survey showed that the most common technology for LDAR was OGI and there were voluntary activities. Preliminary regulations matrix conclusions and the feasibility assessment for a data portal were discussed.

The slide deck presented at this conference was submitted to PHMSA on October 31, 2025.

## **5: Project Schedule –**

The project is on schedule. The first draft of the final report was completed by the team in December and is undergoing internal review by the senior members of the project team. Following the internal review and resulting edits, the next draft will be shared with TAP in early January 2026 for their review. One-on-one meetings with TAP members will be held to review any comments on the final draft.