

Public Quarterly Report

Date of Report: 2nd Quarterly Report - March 28, 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: March 31, 2025

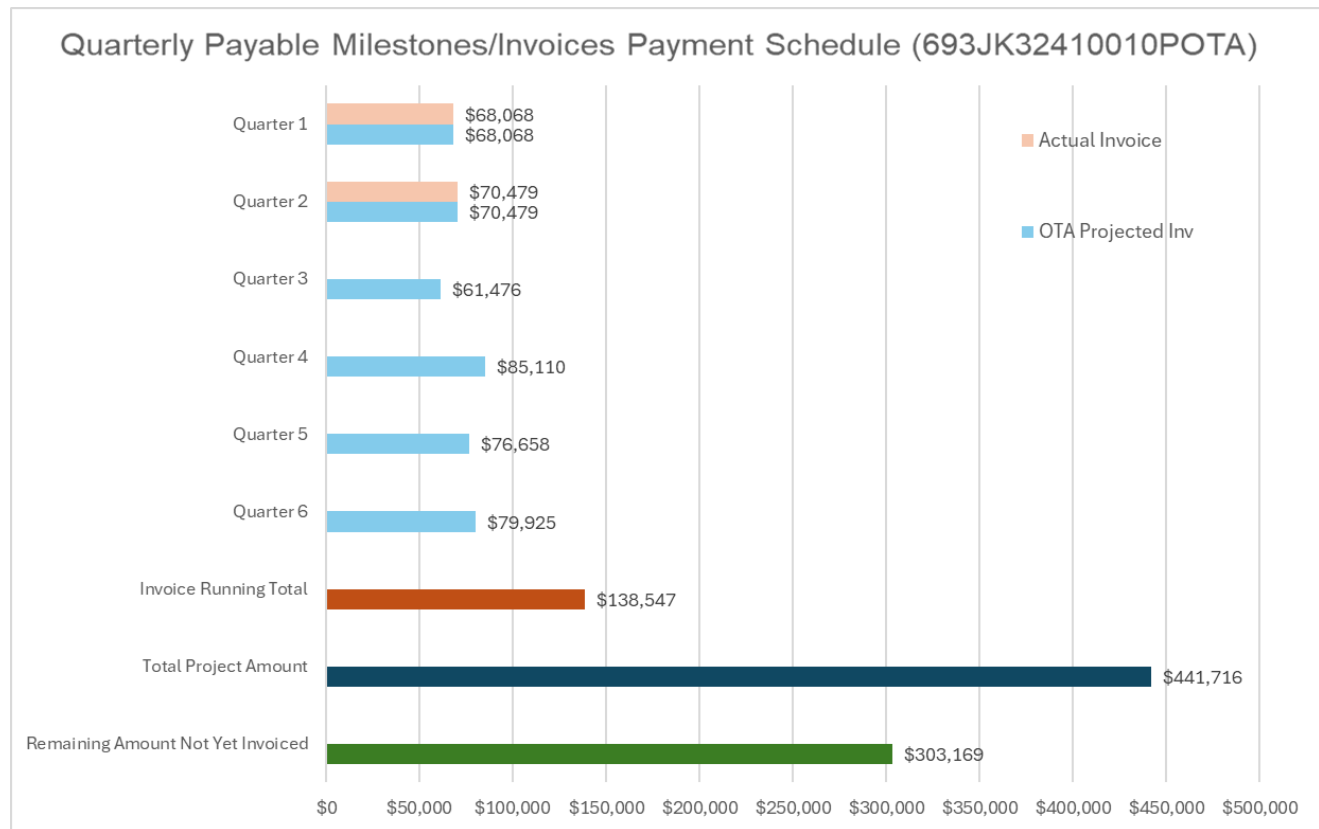
1: Items Completed During this Quarterly Period:

<i>Item #</i>	<i>Task #</i>	<i>Activity/Deliverable</i>	<i>Title</i>	<i>Federal Cost</i>	<i>Cost Share</i>
6	3	Draft Survey for LNG Industry	Draft Survey	14,267	31,455
7	3	First Draft of Matrix Table	Draft Matrix Table	20,876	17,723
8	2	Quarterly Status Report	Submit 2 nd Quarterly Report	35,336	-

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:

<i>Item #</i>	<i>Task #</i>	<i>Activity/Deliverable</i>	<i>Title</i>
6	3	Draft Survey for LNG Industry	Draft Survey

The project team drafted survey questions for operators covering regulatory requirements and industry standard practices. TAP feedback was obtained in multiple rounds. First, meetings were held with two selected operator members, one of whom operates liquefaction terminals and one of whom operates peak shaving plants. These meetings were held on February 12 & 17, 2025. Second, the initial draft was presented to all members of TAP on February 20, 2025, during the bi-monthly meeting. During these meetings, verbal feedback was received, which was addressed in the following week. Third, the updated draft of the survey questions was sent to TAP members on February 28th for their formal written review to be received by March 14th. In addition to the verbal feedback from many members, three additional emails were received with written feedback. Finally, all input was addressed, and the draft of survey questions was delivered to PHMSA on March 27, 2025.

In addition to the survey questions, the project team has also started to plan which operators to target for responses, with the goal of getting a representative set of operators from different types of LNG operators.

<i>Item #</i>	<i>Task #</i>	<i>Activity/Deliverable</i>	<i>Title</i>
7	3	<i>First Draft of Matrix Table</i>	<i>Draft Matrix Table</i>

An initial group of regulatory documents, including PHMSA and EPA federal regulations, were reviewed in depth, and key research questions were answered to populate the matrix framework. The project team utilized advanced search engines to support this review. An artificial algorithm is also being generated to help identify gaps and duplications. An updated draft of the matrix framework was delivered to PHMSA on March 27, 2025. The team will continue to add to this matrix as the project progresses, and it will be a crucial part of the final report.

5: Project Schedule:

The project is on schedule.