

FINAL PROJECT SUMMARY REPORT

PROJECT IDENTIFICATION INFORMATION

1. BUSINESS FIRM AND ADDRESS

Sencontrology, Inc.
3433 Brambleton Avenue, 113B
Roanoke, Virginia 24018

2. DOT SBIR PROGRAM

USDOT/RITA/Volpe Center

3. DOT CONTRACT

DTRT5714C10020

4. PERIOD OF PERFORMANCE From March 4, 2014 To January 4, 2015

5. PROJECT TITLE

'In-situ Sensors for Cathodic Protection Interrelationships Modeling'

SUMMARY OF COMPLETED PROJECT:

Sencontrology was awarded a Phase I SBIR contract with the United States Department of Transportation (USDOT) concerning the development of in-situ-type sensors for process/material monitoring capabilities applicable to underground pipelines (i.e.- new construction). Sencontrology's core development path for its project was centered upon interconnected electrochemical- and ultrasonic-type sensing technologies. The Company indeed trusts that the highly-specialized systems development it's now accomplished can viably serve as a solid foundation for the eventual commercialization of its novel sensor module designs. The continued advancement of Sencontrology's innovative sensor network architectures could very well result in unparalleled opportunities for new data acquisition capabilities vital to desirable process/material monitoring in underground pipelines. For starters, the realization of a reliable underground process/material monitoring sensor system that could not only ensure employed polyurethane foams perform in harmony with CP, but further confirm the worthiness of their continued use would be of major benefit to the pipeline industry. Collectively, though, such a system could further enable remote sensing capabilities for newly-constructed oil & gas pipeline installations involving corrosion monitoring/materials characterization critical to safe infrastructure operation and/or management.

The data in this final report shall not be released outside the government without permission of the contractor for a period of four years from the completion date (January 4, 2015) of this project from which the data was generated.

APPROVAL SIGNATURES


ALAN PHILLIPS

PRINCIPAL INVESTIGATOR (Signature)
PRINCIPAL INVESTIGATOR (typed)

Date: JANUARY 4, 2015

PROJECT DIRECTOR (Signature)
PROJECT DIRECTOR (Typed)