

## Quarterly Report – Public Page

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Contract Number: **DTPH56-08-T-000012**  
Prepared for: **U.S. Department of Transportation, Pipeline and Hazardous  
Materials Safety Administration**  
Project Title: **Improvements to the External Corrosion Direct Assessment  
(ECDA) Process (WP#360): Cased Pipes**  
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An inaugural meeting was held on July 8, 2008 with the corporate partners and PHMSA Contracting Officer's Technical Representative (COTR). Aside from the COTR representing PHMSA, the others present at the meeting were the representatives of Texas Gas Association, ExxonMobil, and El Paso. Separate meetings were held with ExxonMobil, El Paso, and Panhandle. The essential conclusions reached at these meetings could be summarized as follows: (1) all information and data Corrpro receives will be confidential and (2) all relevant data from work that was performed by Corrpro, on behalf of each corporate partner, will be utilized for the benefit of this project.

A preliminary search was undertaken aimed at obtaining information related to methods used by selected organizations. These are summarized as follows: ILI and Guided Wave UT; Long range guided wave or GUL, conformable array that could slide into the annulus, pulsed eddy current tool that could measure through 8" of concrete, bore-scope, and other attachments that allow access to inaccessible areas.

Meanwhile, a cased pipe assessment summary table was developed aimed at obtaining hard data from the corporate team members of this project. The table requires the corporate members to provide hard data that could be used for statistical analysis of ECDA methodologies for cased pipes.

A Cased and Casing Pipes Field Testing and Inspection Protocol were prepared aimed at developing ECDA process for carrier pipes inside casings. The purpose of the protocol is to obtain information needed to determine if standard cathodic protection (CP) and ECDA tests and inspections used on buried pipelines not inside casings can be employed, with some modifications, on cased pipes.

Over the next quarter, scheduled contractual activities include the formation of an advisory committee aimed at leveraging previous surveys, identification of key technologies, prototypes, tools, and techniques. Other planned activities include planned periodic meetings with corporate team partners and Cased and Casing Pipes Field Testing and Inspection of specific pipelines