

# **ANOMALY EVALUATION AND REPAIR**

## **Evaluation Methods Available for Use with ILI Results**

**Application of Safety  
Factors in Making  
Excavation and Repair  
Decisions**

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**Rod Seeley, PHMSA  
Moderator**



# ANOMALY EVALUATION & REPAIR: Panel Discussion

## Panel

- Rod Seeley, SW Region Director (Moderator)
- Zach Barrett (PHMSA Director, State Programs)
- Keith Leewis (Leewis and Associates)
- John Kiefner (Kiefner and Associates)
- Chia-pin Hsiao (Chevron)
- Dave Johnson (Panhandle)



# ANOMALY EVALUATION & REPAIR: Panel Discussion

- What safety factors should be used in evaluating ILI results?
  - HCA
  - Non-HCA
  - Pipe operated under special permit
  - Class location change pipeline
- Discuss prudent and safety focused criteria for investigating anomalies and repairing defects in non-HCA areas (no special permit)



# ANOMALY EVALUATION & REPAIR: Panel Discussion

- Discuss how the following considerations should be applied to provide adequate safety margins?
  - Tool tolerance
  - Corrosion growth rate
  - External stresses
  - Overpressure protection

