

# **CORROSION GROWTH RATES**

Panel Discussion

**Consideration of  
Corrosion Growth in  
Making Excavation  
and Repair Decisions**

**Byron Coy, PHMSA  
Moderator**



# CORROSION GROWTH RATES PANEL DISCUSSION

- Panel

- Byron Coy, PHMSA Eastern Region Director (Moderator)
- Joe Mataich – PHMSA Southern Region
- Oliver Moghissi - CC Technologies
- Drew Hevle - El Paso
- Kevin Spencer - GE PII
- Shahani Kariyawasam – TransCanada



# CORROSION GROWTH RATES

## KEY TOPICS

- Calculating projected (future) defect length, width & depth (i.e., predicted size of defect at next planned assessment or at future time of scheduled repair)
- Selection of appropriate assumed corrosion growth rate when the actual corrosion growth rate is not known or cannot be reliably determined



# CORROSION GROWTH RATES

## KEY TOPICS (cont.)

- Determine inspection intervals
- Handling MIC and stray current / interference
- Influence of corrosion rates on available safety margin
- Handling time between as-found and repairs of CP systems (i.e., subtract time from inspection interval)

