



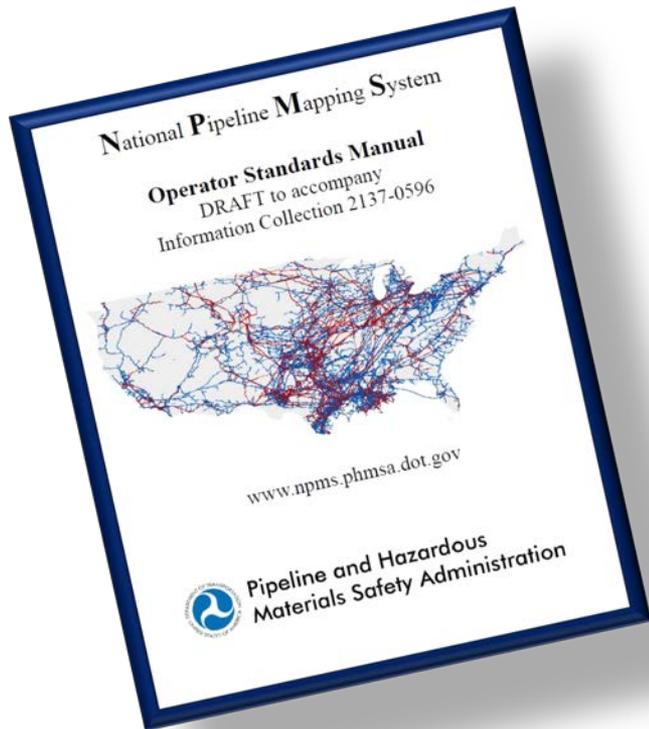
# Proposal for NPMS Modifications

Pipeline & Hazardous Materials Safety Administration  
National Pipeline Mapping System – Public Meeting  
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Representing INGAA



# Considerations



- INGAA agrees with improving the accuracy and information in NPMS
- Industry will need time to improve pipeline alignment and attribute data
- A phased-in approach is proposed
- Open to future technical and information security discussions

# Key Issues



- 5 foot accuracy would be difficult to achieve
- 31 pipeline attributes unnecessary
- Data security is a concern
- Major GIS upgrades and overhauls required
- Cost burden is significant

# Propose a Moderate Change



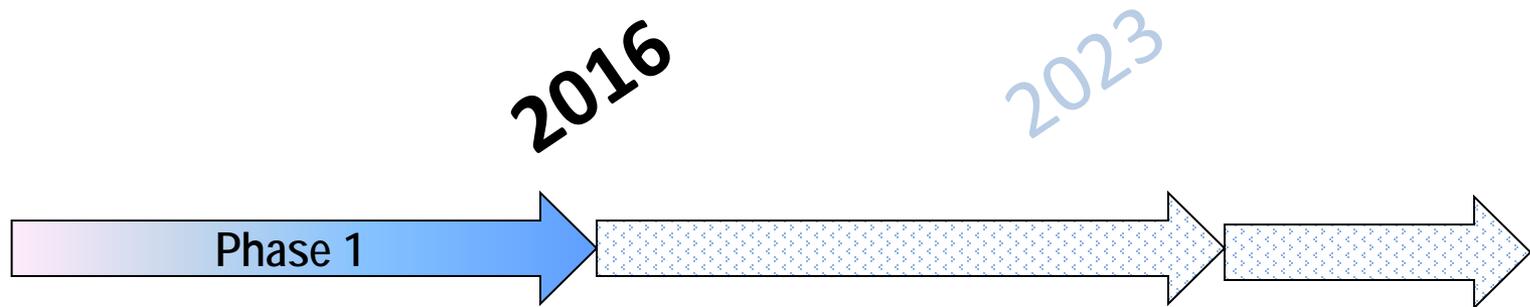
## **SPATIAL ALIGNMENT**

- Achieve 50' accuracy with a phased-in schedule
- 100' accuracy in very rural and unpopulated areas
- Scheduling aligned with gas transmission integrity management assessments

## **ATTRIBUTION**

- Fewer attributes
- Only those attributes absolutely necessary for intended NPMS purposes
- No linear accuracy requirements on attributes

# Phased-In Approach – Phase 1



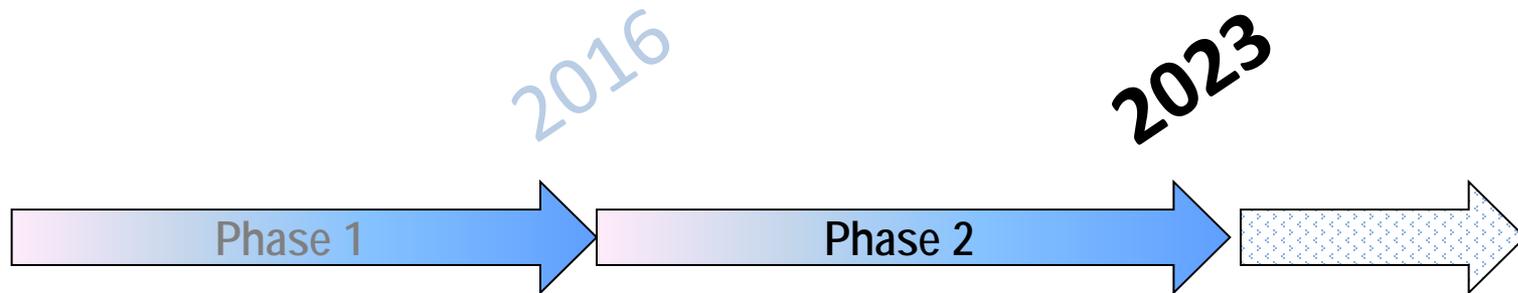
## Positional Accuracy

- Current Actual Segment Accuracy (not conservative estimates)
- Reported by segment in the following proposed buckets
  - $\leq 50$  feet,  $51 \leq A \leq 100$  feet,  $\geq 101$  feet

## Proposed Attribution

- Pipe Material, Pipe Diameter, HCAs (method 1 or 2)
- Pipe Coated? (Y/N), Cathodically Protected? (Y/N), Piggable? (Y/N)
- Commodity Type
- INGAA supports reporting of pipelines operating below 30% SMYS
- Segregate public information access by security concerns

# Phased-In Approach – Phase 2



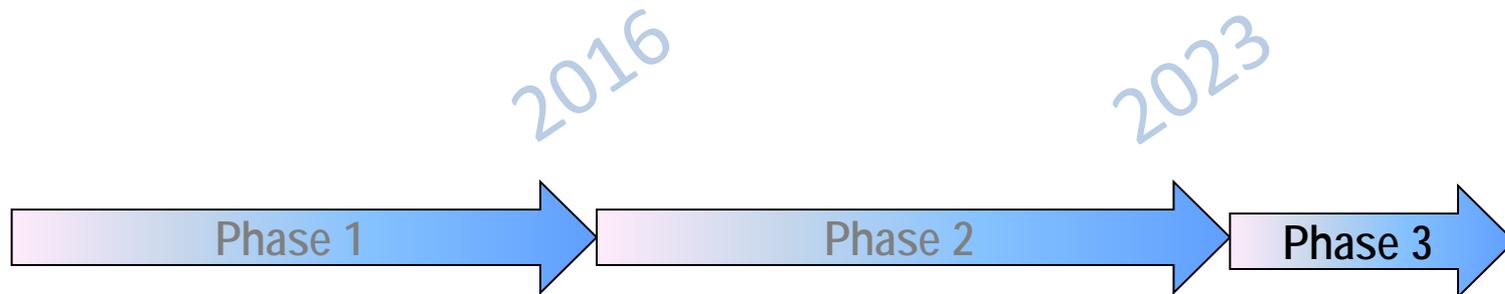
## Positional Accuracy Proposal

- 70% of total INGAA mileage within 50 foot accuracy
- Remaining 30% INGAA mileage within 100 foot accuracy
- Report annual progress of accuracy by segment through 2023

## Attribution

- Continue to report the same attributes as proposed in 2016

# Phased-In Approach – Phase 3



## Positional Accuracy Proposal

- Beyond 2023, pursue all pipeline accuracy to within 50 feet
- Focus would be on pipelines with any population within the PIR
- Report annual progress of accuracy by segment
- No proposed deadline or firm requirement in non-populated areas

## Attribution

- Continue to report the same attributes

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Questions?