



GPTC

Guide for Gas Transmission and Distribution Piping Systems

Marti Marek
GPTC Chair



- History
 - The Gas Piping Technology Committee
 - Formed late 1960s
 - OPS developing performance-based regulations
 - OPS looking for “best practices”
 - Gas Piping Standards Committee
 - First “Guide” published same year as regulations, 1970

**“Guide for Gas Transmission
and Distribution Piping Systems”**



- Who is GPTC?

- Gas Industry

- Distribution

- Transmission

- Manufacturing

- Gas Industry Regulators

- State

- Federal

- NTSB

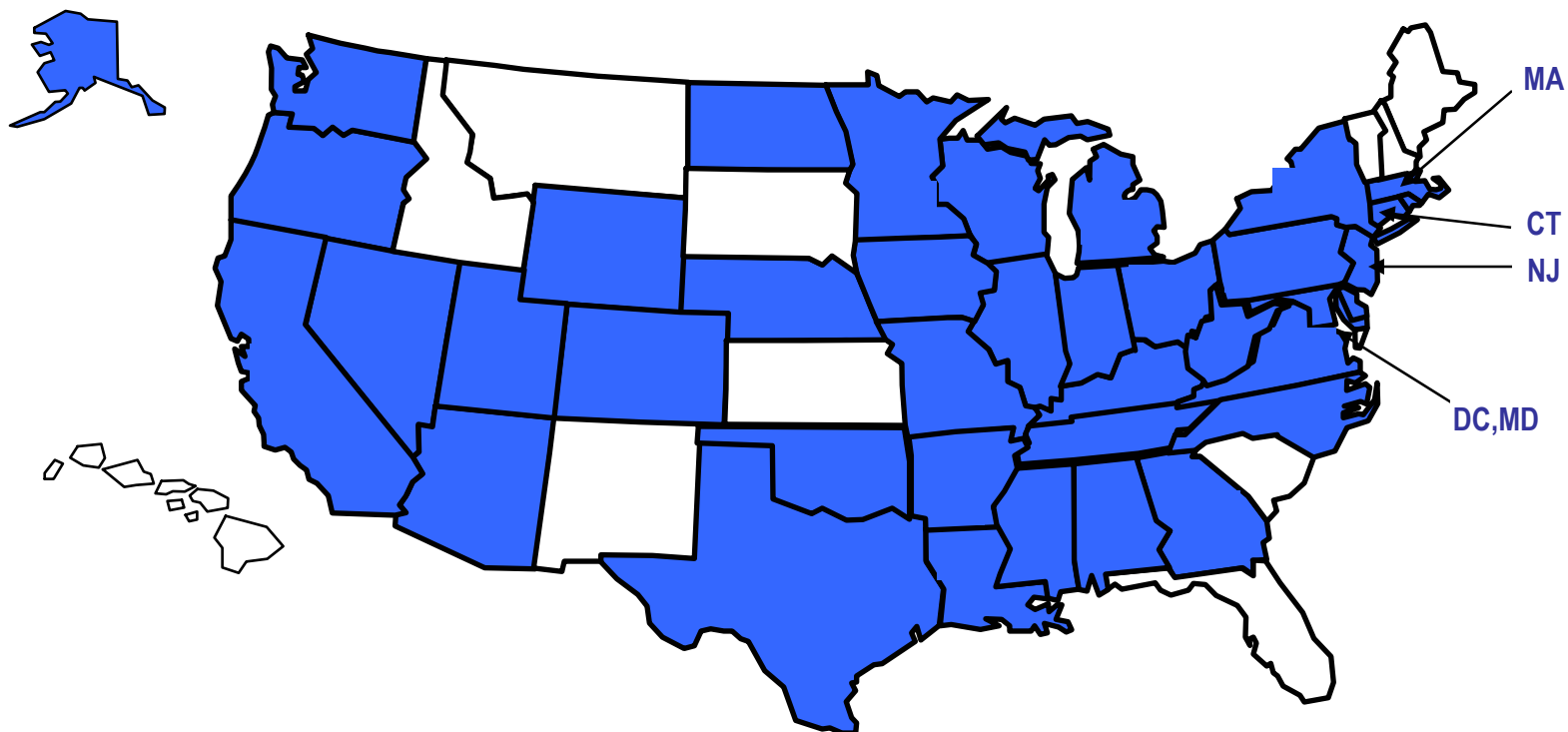
- General Interest

GAS PIPING



technology
committee

Who is GPTC?





- Who is GPTC?
 - American National Standards Institute accredited – GPTC Z380 committee
 - Consensus process
 - Technically based
 - Independent
 - Members represent their profession



- What does GPTC do?
 - Writes guidance for complying with Parts 191 & 192 (the “Guide”)
 - Petitions PHMSA for Code changes
 - Comments on Notices of Proposed Rulemaking



- About the Guide
 - “How to” guidance
 - Advisory – does not restrict other methods of compliance
 - Recognizes system and operator diversity



- Today's topics
 - Beginning sections
 - How guidance is created
 - Guide structure
 - Editorial conventions
 - Things to look out for
 - I want something changed



- Contents
 - Quick reference for changes
- 192.383 Excess flow valve installation



- Preface Caution!

- Guide material may not be adequate under all conditions
- Should not restrict operator from using other methods to comply
- Does not ensure that operator is automatically in compliance
- Some states have additional requirements



- History
- Forward
 - Interpretations/revisions to the ***Guide***
 - Interpretations/revisions to the ***Regulations***
- PHMSA Letter



- Disclaimers
- Editorial Conventions
- GPTC Membership List
- Historical Reconstruction
- Historical Record of Amendments

Part 191 Section	Effective Date of Original Version if other than 2/09/70	Amendments (if any)
191.1		191-5, 191-6, 191-11, 191-12, 191-15, RIN 2137-AD77, 191-21
191.3		191-5, 191-10, 191-12, RIN 2137-AD43, RIN 2137-AD77, 191-21
191.5 191.7		191-1, 191-4, 191-5, 191-8, 191-21 191-3, 191-4, 191-5, 191-6, 191-16, RIN 2137-AD77, RIN 2137-AE29, RIN 2137-AE29 (#2), 191-21
191.9		191-3, 191-5, 191-21
191.11		191-2, 191-5, 191-21
191.13		191-5
191.15		191-5, 191-21
191.17		191-5, 191-21
191.19		191-3, 191-10, 191-21 (removed)
191.21	06/04/84	191-5, 191-13, 191-21
191.22	01/01/11	191-21
191.23	09/29/88	191-6, 191-14
191.25	09/29/88	191-6, 191-7, 191-8, 191-10
191.27	01/06/92	191-9, 191-14, RIN 2137-AD77, RIN 2137-AE29, RIN 2137-AE29 (#2)

HISTORICAL RECONSTRUCTION OF PART 191

HISTORICAL RECORD OF AMENDMENTS TO PART 191

Amdt 191-	Subject	Vol FR Pg#	Published Date	Docket or RIN No.	Effective Date	Affected Sections 191.
(OPS-2)	Leak Reporting Requirements	35 FR 317	01/08/70	OPS-2	02/09/70	Original Issue
1	Leak Reporting Requirements	36 FR 7507	04/21/71	OPS-2	04/20/71	5(b)
2	Elimination of Annual Report Requirement for Small LPG Distribution Systems	37 FR 1172	01/26/72	OPS-17	01/26/72	11



- How guidance is created
 - Transaction initiated in response to
 - Rulemaking
 - NTSB reports
 - Member request
 - Public request
 - PHMSA/NAPSR request



- How guidance is created
 - Transaction assigned to a task group
 - Organized in broad categories
 - Damage Prevention & Emergency Response
 - Plastics
 - Design
 - O&M/Operator Qualification
 - IMP/Corrosion

- How guidance is created
 - Task Group creates ad hoc group
 - Writes draft
 - Task Group approves
 - Three Divisions review and approve
 - Distribution
 - Transmission
 - Manufacturing
 - Main Body letter ballot
 - Public Comment

- Guide structure
 - Code language
 - Historical Amendment list
 - Guide material

 - Appendices
 - 191 – 7
 - 192 – 26



- Appendices
 - Guide Material Appendix G-192-X
 - GMA G-192-X
 - X does not designate Code section
 - DIMP GMA G-192-8
 - Gas leakage guidelines GMA G-192-11
 - Check Table of Contents



- Editorial conventions
 - “Includes” does not limit any list to the items presented
 - “Includes” means “includes but not limited to”
 - A list is not intended to set a minimum requirement
 - “Should” means not mandatory
 - “Required” means the Code says you must

- Editorial conventions
 - No guide material necessary
 - The regulation is self-explanatory
 - No guide material available at present
 - Hasn't been developed or
 - Not determined yet if needed
 - This guide material is under review following Amendment XXX
 - Currently reviewing



- Things to look out for
 - “Cautionary Notes” e.g. Subpart N
- “Guide material in Subpart N is written specifically for the Regulations as adopted in Amendments 192-85, 192-90 and 192-100. Operators are advised that provisions in the Pipeline Safety Act of 2002 and Office of Pipeline Safety protocols for inspection need to be considered in their compliance with operator qualification.”



- Things to look out for
 - “Cautionary Notes” e.g. Subpart N
 - Latest revision may be out of date



- I want something changed
 - Regulations – write PHMSA
 - Guidance – write GPTC
 - See the Forward for contact info



- Where are we now?
 - DIMP Guidance published and available
 - www.AGA.org (Publications)
 - DIMP Appendix \$49
 - Entire Guide \$430



- GPTC
 - Meets three times a year
 - Always looking for knowledgeable members
 - Welcomes visitors
- Next meeting
 - July 12 – 13, Washington DC

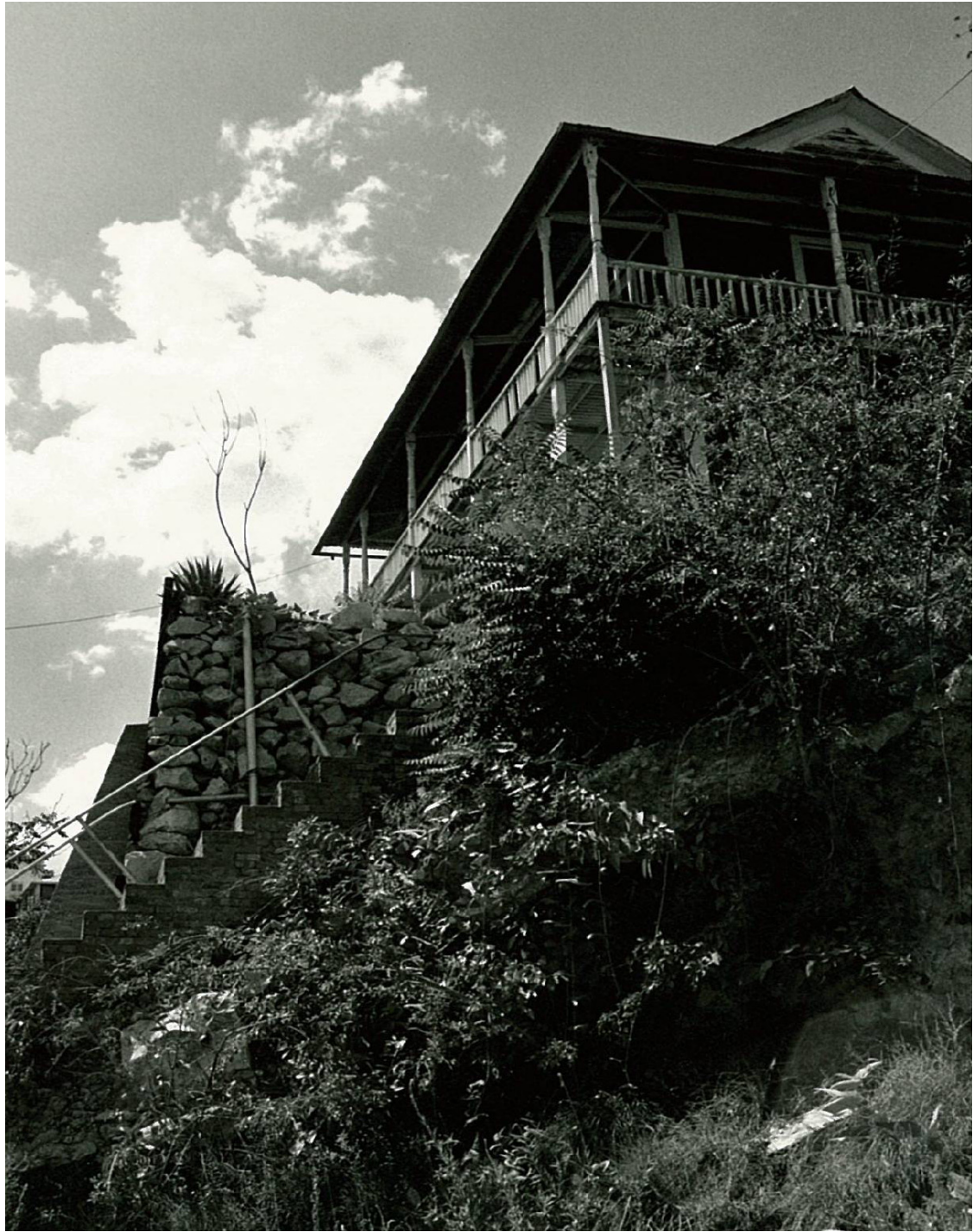


City Center

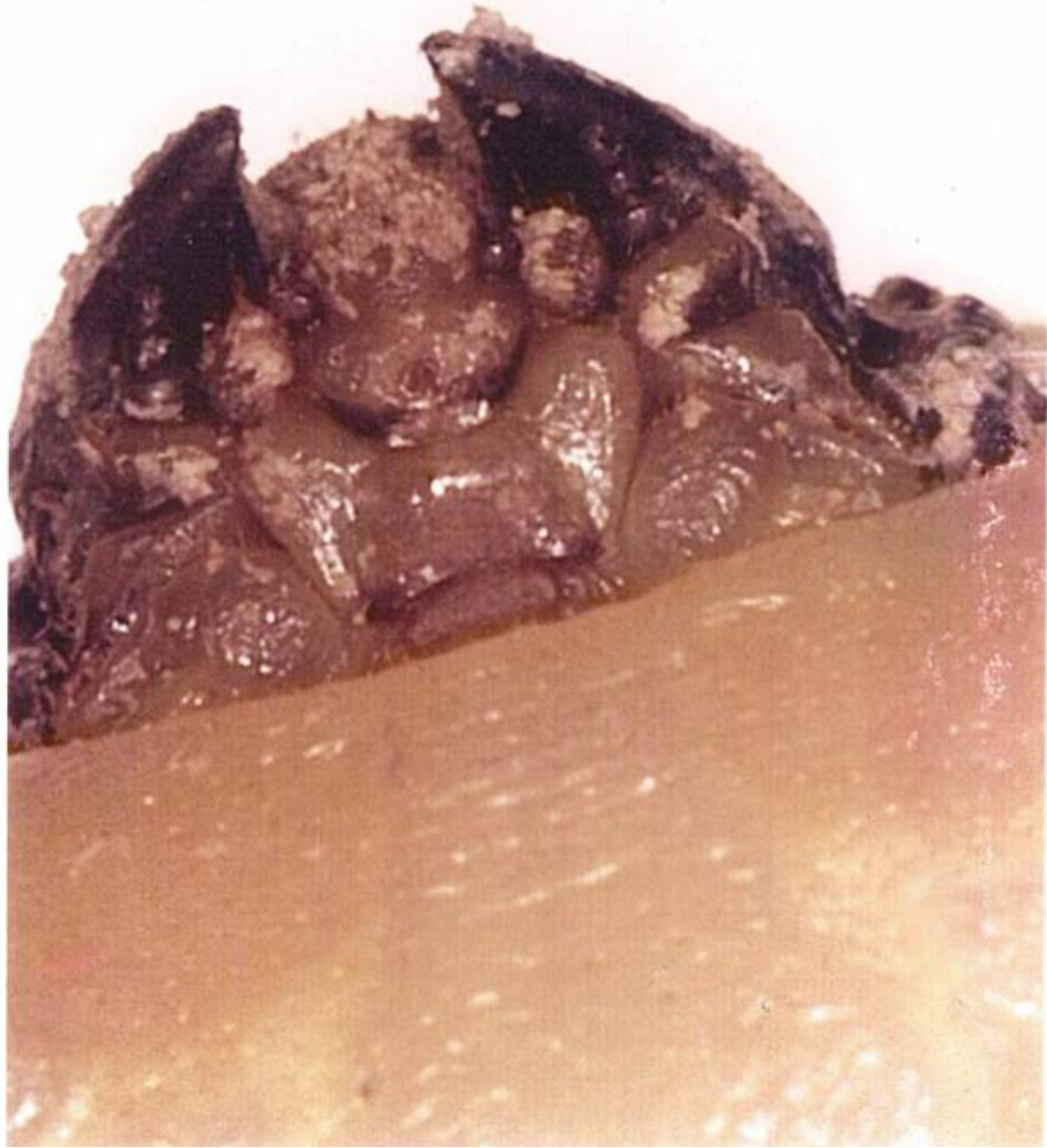


















Questions?