New ASME FMC Rules

2019 ASME BPVC
2019 ASME BPVC, Sec. V, Article 4. July 1, 2019

- Mandatory Appendix XI Full Matrix Capture (FMC)
- Nonmandatory Appendix F Examination of Welds Using Full Matrix Capture (FMC)
What’s different from PAUT?

- Fracture mechanics only (MA IX)
- Cal Block
- **NO** Scanner Block
- Amplitude Fidelity Rule
- Essential Variables
- Saving Data, or not…
The FMC Cal Block and Managing Modes

SDH – resolution

Through Wall Slot – Exam volume coverage

≤11% Notch – Sizing verification

NDT in Canada 2019 | June 18–20 | Edmonton, AB
The Through Wall Slot

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COMBINED
History 2013 to present

- Applus shows up at Code Week
- OPG using a system for corrosion
- 2015ish ASME splits WGUT to AUT
- Nov 2016 TG FMC splits and begins
- May 2017 FMC elevated to SWG
- Dec 2018 we hit the finish line
- July 1 2019 – Publication
< 2 Years – How?

- Interim web meetings
- Global collaboration (IIW, BINDT)
- Reported directly to SC V
- Very Talented and Dedicated group
- Presentations at every meeting
Thank you!

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Questions?