



**WE
KNOW NDT**

PRIME INSPECTIONS INC.

prepared for:
ATMOS
energy

Anton Rae
CEO

 Phone
786-252-6990

 E-mail
ar@rae.com

Brandon Champion
COO

 Phone
870-291-1991

 E-mail
bchampion@rae.com

Marcus Cook
CCO

 Phone
713-320-2102

 E-mail
mc@rae.com

Ryan Vanderhoef
VP Operations

 Phone
832-833-0462

 E-mail
ryan.vanderhoef@primeinspections.com

Kieth Mustin
Director of
Advanced Services

 Phone
918-710-1078

 E-mail
kieth.mustin@primeinspections.com

www.primeinspections.com

WHY PRIME INSPECTIONS

Experience + Equipment +
Productivity =
fewer delays, lower risk,
and a partner that scales
with you.



EXPERIENCE

1,600+ miles inspected for North America's top operators & contractors — delivered on schedule and on budget.



CAPACITY

A fleet of AUT, RT, and RTR systems with qualified crews ready to support multiple spreads at once.



PRODUCTIVITY

Pioneering advanced weld inspection techniques as an extension of the gas company's quality program, improving throughput and execution across mainline, tie-ins, and mini-gang heavy-wall inspection.

PRIME INSPECTIONS INC.

ATMOS

WHAT WE'VE BEEN UP TO

2,745+

Miles of pipeline inspected

From 2" gathering lines to 48" mainline — every diameter, every spread.

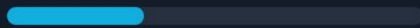
2"-16" GATHERING

980+ MILES



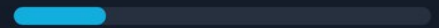
20"

315 MILES



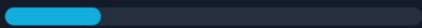
24"

207 MILES



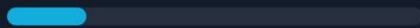
30"

212 MILES



36"

175 MILES



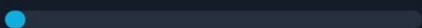
42"

815 MILES



48"

41 MILES



42" & 48"

Big-bore is where we live.

Over 850 miles of 42"+ heavy-wall mainline — the same class of pipe as Atmos Energy's spreads.

HOW IT STARTED → HOW IT'S GOING

2019 HOW IT STARTED

7 TRUCKS



12× FLEET GROWTH

in seven years — every truck a certified crew, mobilized and producing.

2026 HOW IT'S GOING

85+ TRUCKS





Three Chains of Thought on Who Hires NDT

Three models exist for who holds the NDT contract on pipeline construction — **and Prime Inspections works under all three**. Follow the money in each: it shows where the potential for conflict of interest lives.

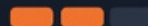
1 Direct Owner/Operator Hire **RECOMMENDED**

MARKUP **+0%** INDEPENDENCE  **HIGH**



- ✓ Accept/repair calls insulated from pressure by the company whose welds are being judged
- ✓ Digital weld records flow unfiltered into the Owner/Operator's integrity program and PHMSA traceability
- ✗ Owner/Operator carries contract administration and coordination
- ✗ Inspection appears as an owner line item rather than inside the contractor's bid

2 EPC Hire

MARKUP **+22–25%** INDEPENDENCE  **FILTERED**



- ✓ Single point of contracting; NDT integrated into the EPC schedule; less owner admin
- ✗ EPC incentives are milestones and budget — inspection findings slow both
- ✗ Data and findings can be filtered before they reach the Owner/Operator
- ✗ Acceptance interpretation drifts toward production over time

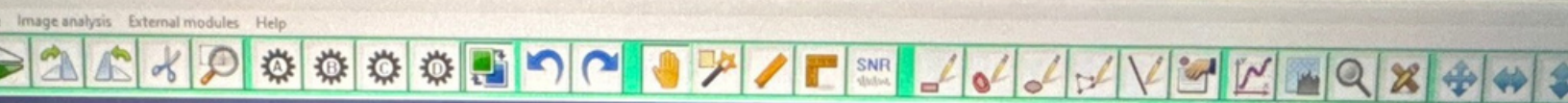
3 Contractor Hire — Owner/Op Level III Audits the Sub

MARKUP **+15–20%** INDEPENDENCE  **AT RISK**



- ✓ Lowest apparent cost; NDT crew moves in lockstep with welding; audit adds a partial check
- ✗ The inspector is paid by the company whose welds it rejects — plenty of providers let that pressure shape their calls
- ✗ Audits sample after the fact — systemic issues surface after joints are coated, lowered in, and buried
- ✗ Audit findings trigger disputes and rework instead of preventing them

Prime Inspections works under all three models — and applies the same acceptance criteria no matter who signs the check. But plenty of companies carry the potential for conflict of interest, and structure is what removes it. **Direct Owner/Operator hire is the only model where the NDT provider's sole customer is pipeline integrity.**



Image#025 [Equalization] [W=1796, L=1223, Z=69.8%, S=88.5%]

1BASTM11

25 1003
AFE237211

1BASTM11

6 17 B18 19 20 21 22 23 24 25 26 C

5 8 25 20×344×375 BMLGRP 3387

1B

Acquisition OFF Acquisition settings

Measure offset Image properties

DIGITAL **VS** CONVENTIONAL

Radiographic exposure time per weld, by pipe diameter — **digital wins before the film even hits the developer.**

Pipe	Digital	Conventional
10"–12"	1 MIN	3 MIN
16"	5 MIN	3–5 MIN
20"	8 MIN	5–10 MIN
24"	10 MIN	8–12 MIN
30"	12 MIN	12–16 MIN

+ 45 MIN

Film development

added to every conventional exposure — the image isn't usable until it's out of the darkroom

Time to a usable image — 24" pipe example

DIGITAL



10 min — read on screen instantly

CONVENTIONAL



8–12 min exposure



+ 45 min film development

= up to 57 min

Over 5× faster to an accept/repair decision — and the crew never stops for a darkroom.

PRIME INSPECTIONS INC.

ATMOS

100

AUT SYSTEMS READY TO DEPLOY

Fleet capacity to staff multiple spreads simultaneously (**up to 20**) — without waiting on equipment.

NO ONE BIGGER IN AUT

Some companies have AUT capabilities — **we have the godfather of AUT through our sister company, UT Quality.** That means deep experience, trusted results, and production you can count on every time.

- **OVER 50 CREWS IN HOUSE**

Mainline AUT, repair units, tie-in PAUT and mini-gang crews running in parallel.

- **PAUT TIE-INS PROVEN**

OmniScan X4, encoded scanners, corrosion mapping, TOFD and digital radiography (RTR).

- **PROVEN CREW MODEL**

4-man mainline + 2-man repair crews delivering 100–150 welds/day on mainline.

- **MOBILIZE FAST**

24/7 nationwide response with a presence across every major shale play.

www.primeinspections.com



PRIME INSPECTIONS INC.

ATMOS

WHERE RADIOGRAPHY IS STILL THE RIGHT CALL

We run RT, DR and CR crews too. Credibility means telling you where they beat ultrasonics — so here's the actual decision, weld by weld:



When Atmos Energy lays anything over 1-inch wall, we're the experts at navigating it for the best production on the project — **AUT/PAUT as the primary method, RT held in reserve for the exceptions.**



PRIME INSPECTIONS INC.

ATMOS



STATION-TESTED. PAUT-PROVEN.



Detect & size

S-scans and C-scans pinpoint and measure discontinuities — toe & root cracks, lack of fusion, porosity, slag.



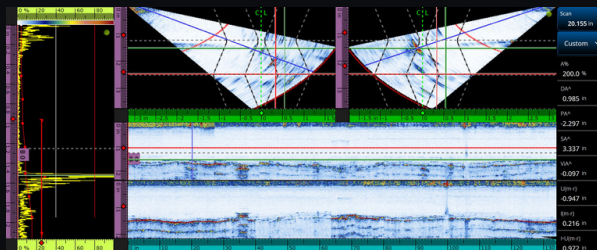
Immediate

Results are read at the weld, so dispositions happen in real time and the spread keeps moving.



Auditable record

Every weld stored as encoded digital data — instantly shareable and ready for QA/QC and audits.



PAUT sector & C-scan — flaw detection and sizing



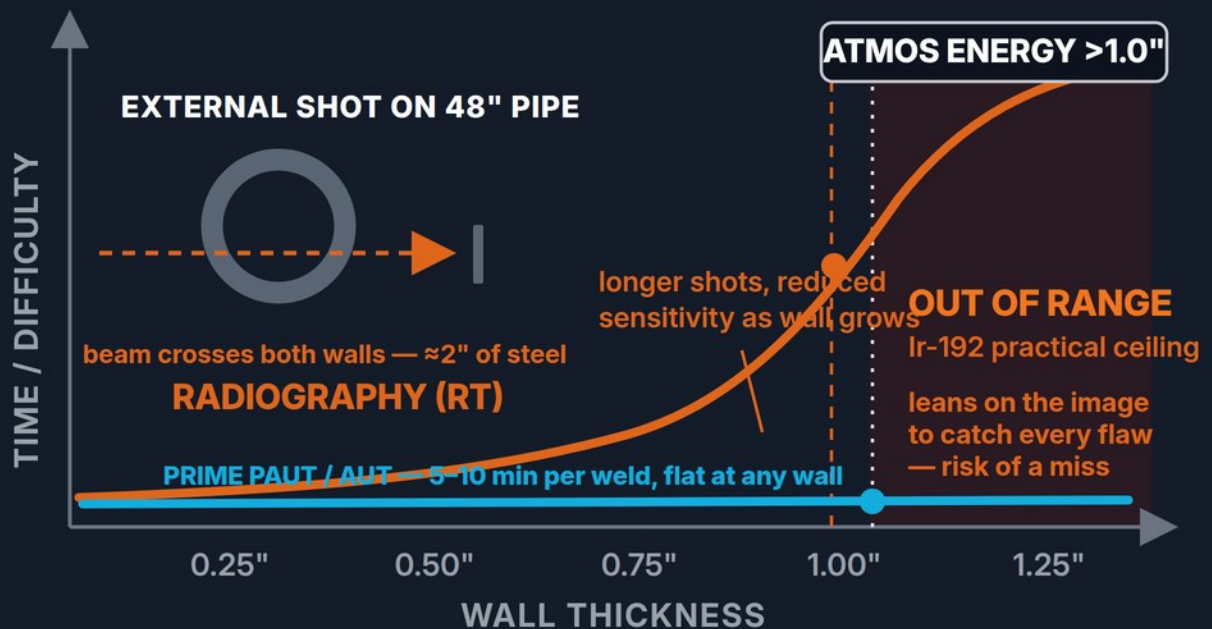
PRIME INSPECTIONS INC.

ATMOS

ON HEAVY WALL, RADIOGRAPHY RUNS OUT OF RANGE

The thicker the wall, the harder radiography has to work — and the more it leans on the image to avoid missing a flaw. Ultrasonics don't care.

Time & difficulty to a usable result vs. wall thickness



- ✓ **Detects and sizes planar flaws** — cracks and lack of fusion RT can under-call.

- ✓ **Immediate encoded results** on mainline and tie-ins — disposition at the weld.

Interpretation, controlled. UT is operator-dependent — so Prime has the ability to back every crew with remote Level III interpretation and a defined process, keeping calls consistent, auditable, and correct.





www.primeinspections.com

TIME IS MONEY

PUTTING A PIPELINE INTO SERVICE IS A BEAST OF AN ACCOMPLISHMENT.

Hundreds of people, millions in iron, and a firing line that only moves as fast as welds get cleared. Every hour inspection holds the spread, the whole beast stands still — and the meter keeps running.

5x

PRODUCTION IN CLEARING WELDS

Encoded PAUT / AUT delivers dispositions at the weld — no film, no darkroom, no next-morning review. **The spread moves at the speed of clearance.**

WHO'S WAITING WHILE THE FILM DEVELOPS?

- Welding crews
- Coating
- Lowering-in
- Backfill
- Equipment & iron
- The schedule

Tie-in crews on heavy-wall jobs are costing the Owner/Operator money — specialized crews standing by through long exposures and film development on the most expensive welds of the job. PAUT tie-ins get disposition at the weld.

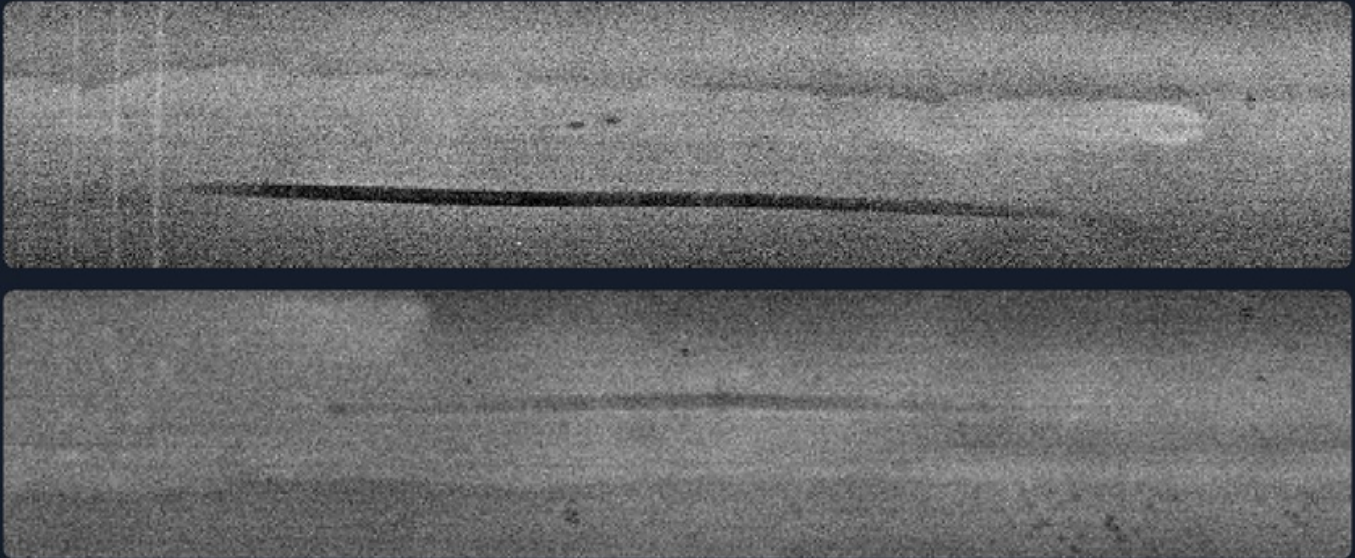
SO WHY IS THE U.S. STILL WAITING?

- **It's already accepted**
API 1104 recognizes mechanized UT, and Annex A alternative acceptance is built around the flaw sizing only UT provides. The code isn't the obstacle.
- **The rest of the world already switched**
Mainline spreads in Australia, the Middle East and Europe — and every major subsea lay vessel — run AUT as a matter of course.
- **Common on big U.S. spreads — the tie-ins are the gap**
AUT already runs on some of the biggest U.S. mainline spreads. Extending AUT and PAUT to the tie-ins is the next step — it increases the speed of clearance and reduces the Owner/Operator's cost.

Time is money, and the code already said yes. **The only thing left to adopt is the speed.**

From a 2-D Shadow to a 4-D Digital Dataset

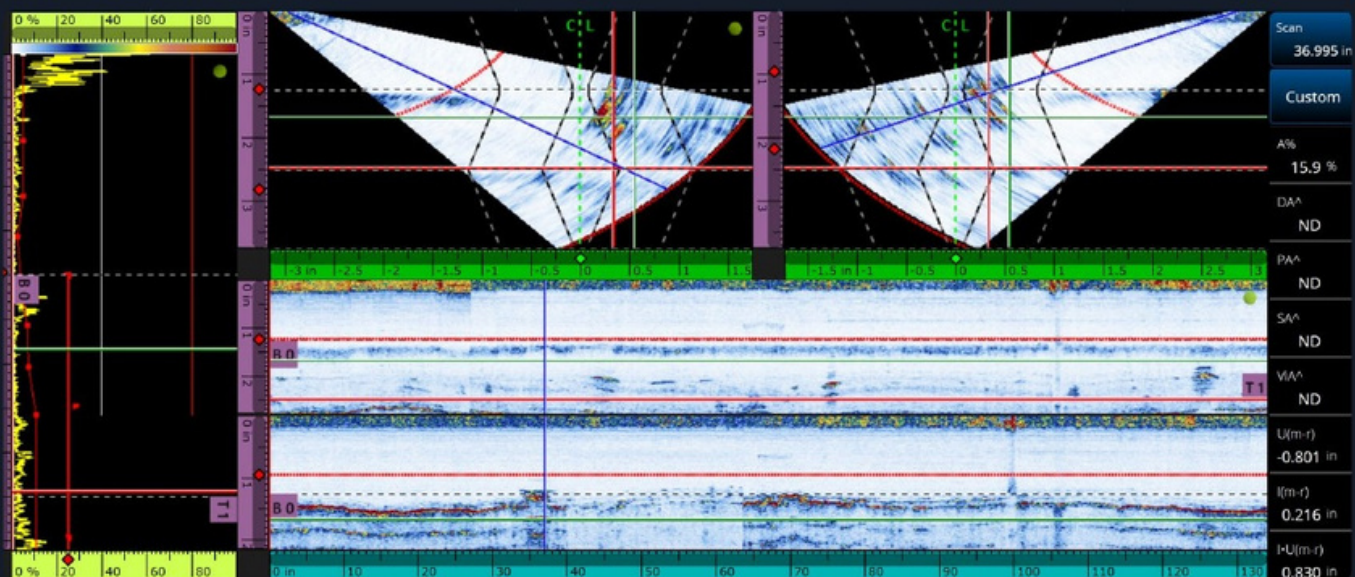
RADIOGRAPHY — 2-D PROJECTION



One flattened density image per exposure.

Tells you an indication exists and how long it is. Cannot tell you how tall it is, how deep it sits, or whether it is planar — the difference between a cosmetic call and a cut-out.

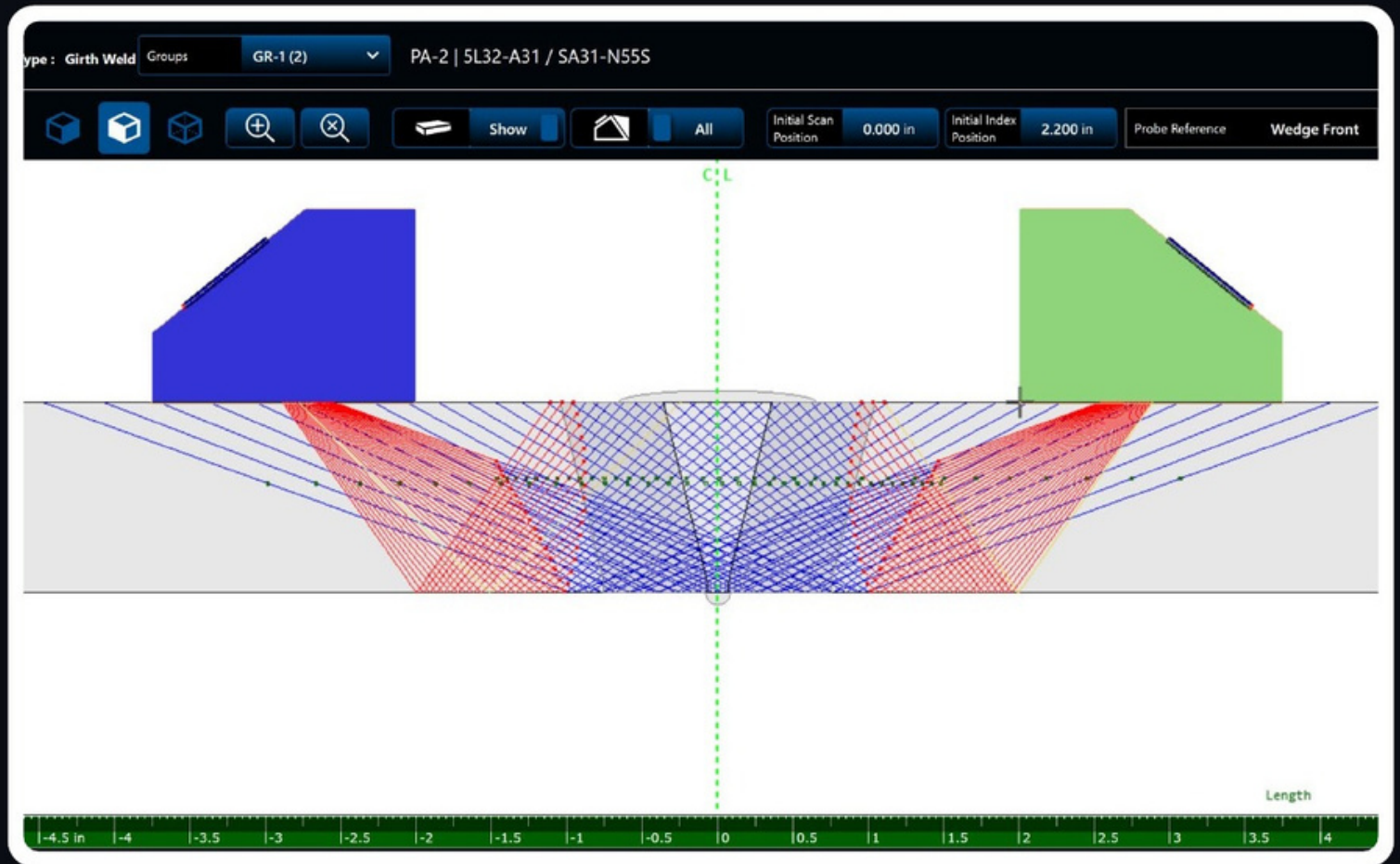
PAUT + TOFD — VOLUMETRIC, ENCODED



Three spatial dimensions + encoded position.

A-, B-, C- and S-scans map every indication in X, Y and through-wall Z, tied to a position encoder — a complete dataset you can re-open, re-analyze, and audit for the life of the asset.

PAUT: The Entire Weld Volume, From Every Angle



Qualified scan plan for a heavy-wall girth weld: phased-array beam sets sweep the bevel, root, hot pass, fill and cap from both sides; TOFD pairs cover the through-wall dimension.

- **Electronically steered, focused beams**

Dozens of refracted angles from one probe pair interrogate the fusion line at normal incidence — where RT is blind.

- **Full weld + HAZ coverage in one pass**

One encoded circumnavigation captures root to cap, both fusion faces, and the heat-affected zone.

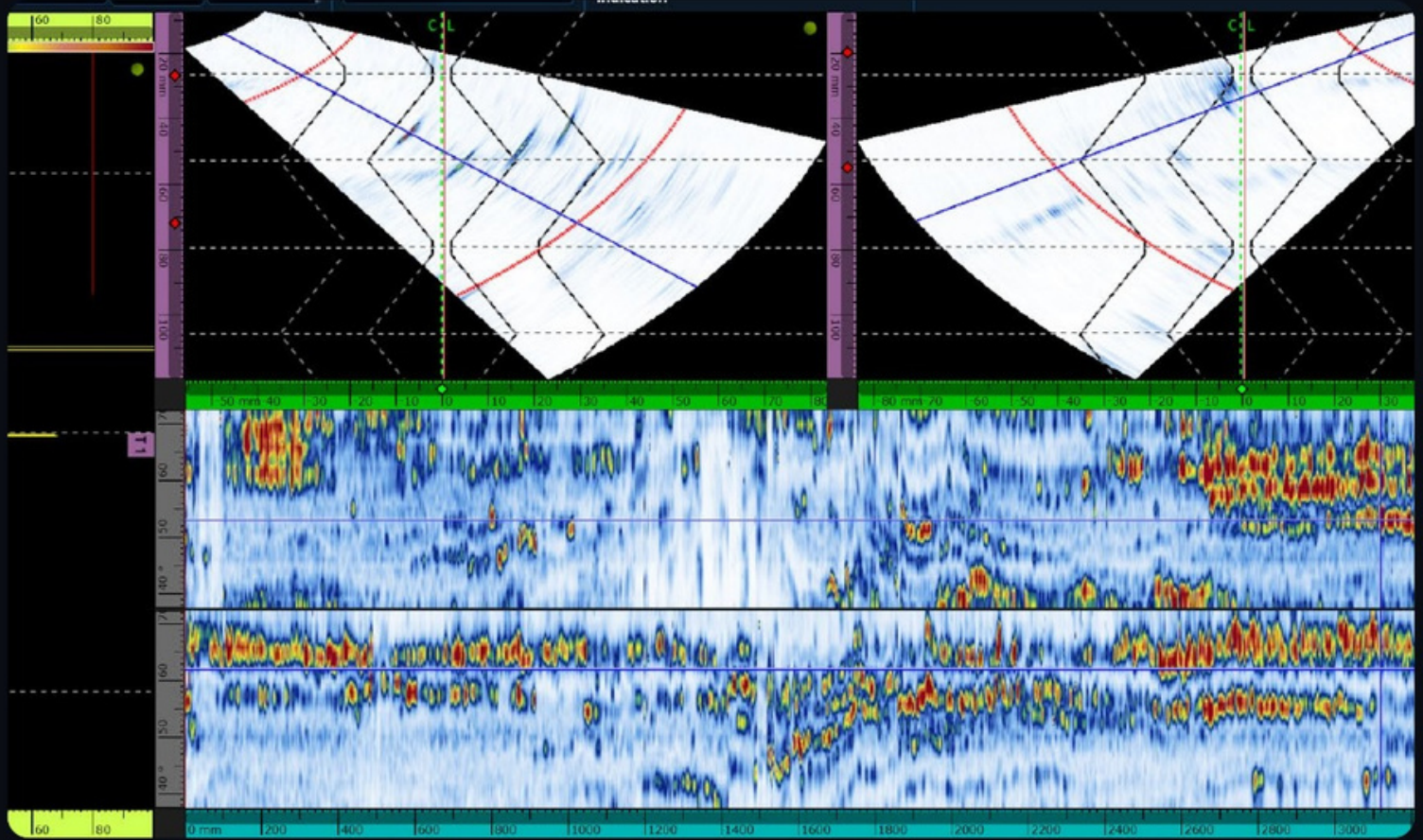
- **TOFD tip diffraction**

Measures flaw height from crack-tip signals — the industry benchmark for through-wall sizing.

- **Immediate, on-site disposition**

The technician reads the data as the scanner completes its pass — accept/repair in minutes, not next-morning film review.

Every Weld Becomes a Permanent Digital Asset



Encoded PAUT/TOFD dataset from a production girth weld — every A-scan retained, every indication positioned.

- **Full raw data, not just reports**
Complete encoded datasets: A/B/C/S-scans, TOFD, calibration and scan parameters.
- **Weld-by-weld disposition log**
Accept/repair with indication type, position, length and height — same day.
- **Audit-ready archive**
Re-open any weld years later for integrity management, dig verification or regulator response — no re-inspection required.
- **Supports PHMSA-grade traceability**
Digital records tie each joint to procedure, technician, equipment and calibration.

TRUSTED BY INDUSTRY PARTNERS



NATIONWIDE REACH



INDUSTRIES & SOLUTIONS

AUT

PAUT

TOFD

UT

RT

RTR

DR/CR

MT

PT

PMI

MARKETS SERVED

- ✓ Midstream
- ✓ Compressor
- ✓ Power Gen
- ✓ LNG
- ✓ Data Center
- ✓ Integrity

EVERY STAGE

- ✓ New Construction
- ✓ Turnarounds
- ✓ Emergency Call-Outs

www.primeinspections.com