PIPELINE INTEGRITY
DETAILED FEATURE REVIEW
LINE 5 STRAIT OF MACKINAC (EAST) 2008 MFL -2003 MFL

Line Segment: Strait of Mackinac (East)
Date of Most Recent Inspection: May 2008
Inspection Technology & Vendor: MFL, GE
ILI Report Issue: 1

Date of Previous Inspection: March 2003
Inspection Technology & Vendor: MFL, GE
ILI Report Issue: 1

Detailed Feature Review Report Completed By:
Date:

Detailed ILI Match Review Report Approved By:
Date:

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1. EXECUTIVE SUMMARY

There were no metal loss features reported on this pipeline. A high level review showed that the manufacturing features are not growing.

2. ILI MATCH REVIEW QA/QC CHECKS

The following QA/QC checks were completed on the Line X XX-XX 20XX (vendor) (tool) run:

Case	A Criteria (2007)	B Criteria (2002)	Match Direction	Sort For	# of features	Comments
1	40-50%	All	A→B	No Match		
2	40-50%	All	A→B	Growth/yr: 5% or 0.03RPR		
3	40-50%	All	A→B	Healing: 15% or 0.1 RPR		
4	1-1.05 RPR	All	A→B	No Match		
5	1-1.05 RPR	All	A→B	Growth/yr: 5% or 0.03RPR		
6	1-1.05 RPR	All	A→B	Healing: 15% or 0.1 RPR		
7	All	40-50%	B→A	No Match		
8	All	40-50%	B→A	Growth/yr: 5% or 0.03RPR		
9	All	40-50%	B→A	Healing: 15% or 0.1 RPR		
10	All	1-1.05 RPR	B→A	No Match		
11	All	1-1.05 RPR	B→A	Growth/yr: 5% or 0.03RPR		
12	All	1-1.05 RPR	B→A	Healing: 15% or 0.1 RPR		

<Note: A and B Criteria ranges are guidelines only. For shorter ILI intervals you may want to tighten the ranges to 45-50% and 1-1.02 RPR. For longer ILI intervals you may want to increase the range to 35-50% and 1-1.08 RPR.>

3. DETAILED REVIEWS

3.1. CASE 1

3.1.1. GW XXXXX – Match Found

3.1.2. GW XXXXX – Monitor

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3.1.3. GW XXXXX – Incorrect Match

3.1.4. GW XXXXX – Repaired

3.1.5. GW XXXXX – No Action Required

3.1.6. GW XXXXX – ILI Vendor to Review

3.2. CASE 2

3.3. CASE 3

3.4. CASE 4

3.5. CASE 5

3.6. CASE 6

3.7. CASE 7

3.8. CASE 8

3.9. CASE 9

3.10. CASE 10

3.11. CASE 11

3.12. CASE 12

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4. CONCLUSION

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