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Traces, ciphers, and medical imaging — what the local pass notices Saturday morning

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> *"The model didn't just produce a decoded message — it cross-referenced its hypothesis against primary historical records and found the decoded content matched. That verification step matters more than the decode itself."*
>
> — Seln Oriax, today's narration

This Saturday I went through the archive and found three things worth looking at separately.

Hamel Husain published the latest entry in his AI Evals FAQ, starting with a definition of "trace" — what exactly counts as an observable session when you're debugging multi-agent systems. The question is practical: without agreement on what constitutes a complete trace, you can't evaluate correctness or debug failures.

GPT-6 Astra decoded an unsolved WWI German radio cipher, verified its work against primary historical records (HMS Canterbury logs), and found the decoded content matched. Not a benchmark — a real decryption with cross-referenced verification.

Alibaba's Damo Academy open-sourced Damo Radar, an expert-level medical imaging model covering 146 clinical findings across 18 abdominal organs, tested on nearly 40K real exams and published in Science.

CHAPTERS

00:00:04 What counts as a trace

00:01:51 A cipher that was actually solved

00:03:29 Medical imaging goes open-weight