DEEP-TIME LINEAGE REPORT

The Evolutionary Journey of Haplogroup I-FTA86767 through Ice, Volcanism, and Submerged Worlds

1. Deep Ice Age & The Roots of Haplogroup I (30,000 – 15,000 YBP)

Genetic Lineage: Haplogroup I (M170) – Emerges in Europe from Upper Paleolithic Cro-Magnon populations.

Climate & Ice Age: Last Glacial Maximum (LGM). Massive ice sheets cover Northern Europe; sea levels drop 120 meters.

Doggerland Status: A freezing, exposed mammoth-steppe land bridge connecting Great Britain to the European continent.

Volcanic Activity: Post-eruption volcanic winters following the catastrophic Campanian Ignimbrite explosion.

- Your direct paternal ancestors survive the harshest phase of the Ice Age in southern European climate refugia.
- Doggerland exists as a dry, cold plain traversed by woolly mammoths, rhinoceroses, and small groups of human big-game hunters.

2. Deglaciation & The Hunter-Gatherer Golden Age (15,000 – 8,200 YBP)

Genetic Lineage: Pre-I1 (M253) – Lineage begins to isolate toward the southwestern Baltic and Northern Germany.

Climate & Ice Age: Rapid warming cycle leading into the Holocene Interglacial, causing accelerating glacial melt.

Doggerland Status: "The Mesolithic Paradise" – An ultra-fertile mosaic of wetlands, lagoons, and river valleys.

Volcanic Activity: The Laacher See eruption (c. 13,000 YBP) smothers northern Europe in ash, shifting migration corridors.

- Doggerland reaches its peak human carrying capacity, becoming the richest hunting and fishing ecosystem in Europe.
- Western Hunter-Gatherers (WHG) dominate the region, leaving behind intricate bone harpoons and advanced flint toolkits.

3. The Great Cataclysm & Submersion (8,200 – 5,000 YBP)

Genetic Lineage: Early Haplogroup I1 – Severe population bottleneck; survivors consolidate along the Scandinavian periphery.

Climate & Ice Age: Stabilization of modern warm global temperatures; rapid coastal flooding.

Doggerland Status: Final Submersion (c. 6,150 BCE) triggered by the catastrophic Storegga Slide Tsunami off Norway.

- The Storegga undersea landslide fires a massive wall of water across the North Sea, drowning the last islands of Doggerland.
- Great Britain becomes permanently isolated as an island, forcing human populations to permanently flee to higher ground.
- Your direct paternal line survives this ecological shock, contracting into a tight genetic group in southern Scandinavia.

4. The Nordic Bronze Age & Rise of I-L22 (4,000 – 2,500 YBP)

Genetic Lineage: Haplogroup I-L22 (The Ultra-Norse Mutation, c. 1950 BCE) – The shared ancestor of you and Terry.

Climate & Environment: Submerged Doggerland sits entirely underwater as the modern North Sea.

Volcanic Activity: The Thera (Santorini) super-eruption (c. 1600 BCE) triggers crop failures and cultural shifts.

- A single patriarch in Scandinavia passes on the I-L22 mutation, which explodes into prominence during the Nordic Bronze Age.
- Ancestors become elite maritime traders and craftsmen, carving depictions of longships into Scandinavian rock faces.

5. Medieval Clan Formation & Modern Branch (1,500 YBP – Present)

Genetic Lineage: I-FTA86767 – Crystallizes around 1250 CE via mutations CTS6364 → S4767 → FTA86767.

Volcanic Activity: The extreme 536 CE volcanic winter plunges Europe into famine, sparking the Migration Period.

Anthropological Data: Paternal branches spread during the Viking Age expansions and solidify into regional surnames.

- Your specific lineage separates from mainland Germanic variants, traveling via Norse maritime routes to the British Isles.
- By the 13th century, your branch becomes firmly established in the historic border clans of ancient Scotland (Roxburghshire).
