Parabolic Harmonic Channel (PHC) – Calculation Summary

Timeframe: 4H

Total Duration: 3 days = 72 hours ($\Delta t = 72$ hours)

Line 1 (Base / Shallow Slope)

P1 = 86504.1

P2 = 86949.7

Ratio = 86949.7 / 86504.1 ≈ 1.00515

$\Delta \ln P1 = \ln(1.00515) \approx 0.005137$

Slope m1 = 0.005137 / 72 ≈ 0.00007134

Line 2 (Parabolic / Steep Slope)

P1 = 94777.1

P2 = 97601.9

Ratio = 97601.9 / 94777.1 ≈ 1.02987

$\Delta \ln P2 = \ln(1.02987) \approx 0.02944$

Slope m2 = 0.02944 / 72 ≈ 0.000409

Harmonic Ratio

m2 / m1 ≈ 0.000409 / 0.00007134 ≈ 5.73

Interpretation

• Line 1 represents the base trend slope over the 3-day window.

• Line 2 represents a much steeper acceleration slope over the same time.

• The steep slope grows approximately 5.7× faster than the base slope.

• This large slope ratio indicates a Parabolic Harmonic Channel (PHC), a strong acceleration phase within the broader harmonic slope framework derived from DHC.