Fresh-Slate K4 Derivation

Ciphertext + Cribs → Partial Plaintext (No AI, No Guessing)

6-Track Class System

Class 0:	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
Class 1:	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	
Class 2:	2	8	14	20	26	32	38	44	50	56	62	68	74	80	86	92	
Class 3:	3	9	15	21	27	33	39	45	51	57	63	69	75	81	87	93	
Class 4:	4	10	16	22	28	34	40	46	52	58	64	70	76	82	88	94	
Class 5:	5	11	17	23	29	35	41	47	53	59	65	71	77	83	89	95	

Wheel Example (Class 3)

Slot 0:	**K=16**	← i=21 (E)
Slot 1:	**K=3**	
Slot 2:	?	
Slot 3:	**K=12**	← i=15
Slot 4:	?	
Slot 5:	?	
Slot 6:	**K=7**	← i=63 (B)
Slot 7:	?	
Slot 8:	?	
Slot 9:	?	
Slot 10:	?	
Slot 11:	?	
Slot 12:	?	
Slot 13:	**K=4**	

Decrypt Rules

Vigenère:
`P = C - K (mod 26)`

Beaufort:
`P = K - C (mod 26)`

Variant:
`P = C + K (mod 26)`

Tail Region (Positions 74-96)

74	75	76	77	78	79	80	81	82	83	84	85
?	?	?	?	?	?	?	?	**R**	**E**	**G**	**X**

86	87	88	89	90	91	92	93	94	95	96
U	**T**	?	**J**	**O**	**Y**	**Q**	**G**	**M**	**I**	**C**

Derivation Results

Cribs Used	Derived	Unknown
4 anchors (EAST, NE, BERLIN, CLOCK)	71	26
3 anchors (no BERLIN)	58	39
3 anchors (no CLOCK)	57	40
2 anchors (EAST, NE)	43	54