

## 40 Generation Extrapolation

Removes	Number of Ancestors (assuming no inbreeding)	Captain Midnight
1	2	2
2	4	4
3	8	8
4	16	16
5	32	30
6	64	48
7	128	58
8	256	70
9	512	70
10	1,024	82
11	2,048	103
12	4,096	150
13	8,192	218
14	16,384	312
15	32,768	418
16	65,536	530
17	131,072	607
18	262,144	683
19	524,288	714
20	1,048,576	681
21	2,097,152	641
22	4,194,304	540
23	8,388,608	385
24	16,777,216	255
25	33,554,432	158
26	67,108,864	89
27	134,217,728	50
28	268,435,456	32
29	536,870,912	25
30	1,073,741,824	13
31	2,147,483,648	8
32	4,294,967,296	1
33	8,589,934,592	Total = 7001
34	17,179,869,184	This column lists each ancestor
35	34,359,738,368	when it first appears in the pedigree.
36	68,719,476,736	Tarny Jock, the most removed
37	137,438,953,472	ancestor (84 generations) is 23
38	274,877,906,944	generations from Midnight at his
39	549,755,813,888	closest point. Erica appears at least
40	1,099,511,627,776	205,482,869 times between 19 and
		56 generations.