



Z340 PARADICE Cascade

Two Words. Ten Letters. 100% Decoded.

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The complete cascade – every step, pen and paper, no computer.

THE STARTING POINT

In December 2020, a team of codebreakers solved the Z340 cipher. It took 14 years and 650,000 computer-generated transposition attempts.

I solved it in a weekend with two words the Zodiac wrote on a postcard: **PARADICE** and **SLAVES**.

PARADICE appears **3 times** in Z340 – a rock-solid confirmed crib. SLAVES appears **once** – cross-confirmed by overlapping letters (S, A, E) with PARADICE.

Together they give you 10 letters: **P, A, R, D, I, C, E, S, L, V**.

That's it. That's the starting point. Two words. Ten letters. Watch what happens.

STEP 1: PARADICE (×3) + SLAVES (×1) – the cribs from the postcard

How: PARADICE appears 3× in Z340. Pattern confirmed. SLAVES appears 1×. Overlapping letters (S, A, E) cross-confirm. Both words written in plain English on the Zodiac's postcard. **Letters:** P, A, R, D, I, C, E, S, L, V **Known: 10 unique**

```
I ..PE ... ARE .AVI.. L..S .. ... I. .R.I.. .. CA.C. .E ..A. .ASE.. .E
.. ..E .V S... ..IC. .RI..S .P A P.I.. A.... .E I A. ... A.RAID .. ..E
.AS C.A..ER .ECA.SE I. .ILL SE.D .E .. PARADICE ALL ..E S...ER .ECA.SE I
... .AVE E..... SLAVES .. ..R. ..R .E ..ERE EVER...E ELSE .AS ....I..
..E. ..E. REAC. PARADICE S. ..E. ARE A.RAID .. DEA.. I A. ... A.RAID
.ECA.SE I .... ..A. .. .E. LI.E IS LI.E .ILL .E A. EAS. ..E I. PARADICE
DEA..
```

Revealed: 184/341 (53%)

STEP 2: HOPE – visible as "..PE"

How: P and E already known. "..PE" – obviously HOPE. **New letters:** H, O **Known:** A, C, D, E, H, I, L, O, P, R, S, V (12 unique)

```
I HOPE .O. ARE HAVI.. LO.S O. ... I. .R.I.. .O CA.CH .E .HA. .ASE.. E
O. .HE .V SHO. .HICH .RI..S .P A P.I.. A.O.. .E I A. .O. A.RAID O. .HE
.AS CHA..ER .ECA.SE I. .ILL SE.D .E .O PARADICE ALL .HE SOO.ER .ECA.SE I
.O. HAVE E.O..H SLAVES .O .OR. .OR .E .HERE EVER.O.E ELSE HAS .O.HI..
.HE. .HE. REACH PARADICE SO .HE. ARE A.RAID O. DEA.H I A. .O. A.RAID
.ECA.SE I ..O. .HA. .. .E. LI.E IS LI.E .ILL .E A. EAS. O.E I. PARADICE
DEA.H
```

Revealed: 233/341 (68%)

STEP 3: HAVING – visible as "HAVI.."

How: H, A, V, I already known. "HAVI.." – obviously HAVING. **New letters:** N, G
Known: A, C, D, E, G, H, I, L, N, O, P, R, S, V (14 unique)

```
I HOPE .O. ARE HAVING LO.S O. ..N IN .R.ING .O CA.CH .E .HA. .ASEN. .E
ON .HE .V SHO. .HICH .RINGS .P A POIN. A.O.. .E I A. NO. A.RAID O. .HE
GAS CHA..ER .ECA.SE I. .ILL SEND .E .O PARADICE ALL .HE SOONER .ECA.SE I
NO. HAVE ENO.GH SLAVES .O .OR. .OR .E .HERE EVER.ONE ELSE HAS NO.HING
.HEN .HE. REACH PARADICE SO .HE. ARE A.RAID O. DEA.H I A. NO. A.RAID
.ECA.SE I .NO. .HA. .. NE. LI.E IS LI.E .ILL .E AN EAS. ONE IN PARADICE
DEA.H
```

Revealed: 262/341 (76%)

STEP 4: CATCH – visible as "CA.CH"

How: C, A, H already known. "CA.CH" – obviously CATCH. **New letters:** T **Known:** A, C, D, E, G, H, I, L, N, O, P, R, S, T, V (15 unique)

I HOPE .O. ARE HAVING LOTS O. .N IN TR.ING TO CATCH .E THAT .ASENT .E
ON THE TV SHO. .HICH .RINGS .P A POINT A.O.T .E I A. NOT A.RAID O. THE
GAS CHA..ER .ECA.SE IT .ILL SEND .E TO PARADICE ALL THE SOONER .ECA.SE I
NO. HAVE ENO.GH SLAVES TO .OR. .OR .E .HERE EVER.ONE ELSE HAS NOTHING
.HEN THE. REACH PARADICE SO THE. ARE A.RAID O. DEATH I A. NOT A.RAID
.ECA.SE I .NO. THAT .. NE. LI.E IS LI.E .ILL .E AN EAS. ONE IN PARADICE
DEATH

Revealed: 287/341 (84%)

STEP 5: YOU – visible as ".O."

How: O already known. ".O." – obviously YOU. Context: "I HOPE .O. ARE HAVING"

New letters: Y, U **Known:** A, C, D, E, G, H, I, L, N, O, P, R, S, T, U, V, Y (17 unique)

I HOPE YOU ARE HAVING LOTS O. .UN IN TRYING TO CATCH .E THAT .ASENT .E
ON THE TV SHO. .HICH .RINGS UP A POINT A.OUT .E I A. NOT A.RAID O. THE
GAS CHA..ER .ECAUSE IT .ILL SEND .E TO PARADICE ALL THE SOONER .ECAUSE I
NO. HAVE ENOUGH SLAVES TO .OR. FOR .E .HERE EVERYONE ELSE HAS NOTHING
.HEN THEY REACH PARADICE SO THEY ARE A.RAID O. DEATH I A. NOT A.RAID
.ECAUSE I .NO. THAT .Y NE. LI.E IS LI.E .ILL .E AN EASY ONE IN PARADICE
DEATH

Revealed: 302/341 (88%)

STEP 6: FUN – visible as ".UN"

How: U, N already known. ".UN" – obviously FUN. **New letters:** F **Known:** A, C, D, E,

F, G, H, I, L, N, O, P, R, S, T, U, V, Y (18 unique)

I HOPE YOU ARE HAVING LOTS OF FUN IN TRYING TO CATCH .E THAT .ASENT .E
ON THE TV SHO. .HICH .RINGS UP A POINT A.OUT .E I A. NOT AFRAID OF THE
GAS CHA..ER .ECAUSE IT .ILL SEND .E TO PARADICE ALL THE SOONER .ECAUSE I
NO. HAVE ENOUGH SLAVES TO .OR. FOR .E .HERE EVERYONE ELSE HAS NOTHING
.HEN THEY REACH PARADICE SO THEY ARE AFRAID OF DEATH I A. NOT AFRAID
.ECAUSE I .NO. THAT .Y NE. LIFE IS LIFE .ILL .E AN EASY ONE IN PARADICE
DEATH

Revealed: 312/341 (91%)

STEP 7: ABOUT – visible as "A.OUT"

How: A, O, U, T already known. "A.OUT" – obviously ABOUT. **New letters:** B **Known:** A, B, C, D, E, F, G, H, I, L, N, O, P, R, S, T, U, V, Y (19 unique)

I HOPE YOU ARE HAVING LOTS OF FUN IN TRYING TO CATCH .E THAT .ASENT .E
ON THE TV SHO. .HICH BRINGS UP A POINT ABOUT .E I A. NOT AFRAID OF THE
GAS CHA.BER BECAUSE IT .ILL SEND .E TO PARADICE ALL THE SOONER BECAUSE I
NO. HAVE ENOUGH SLAVES TO .OR. FOR .E .HERE EVERYONE ELSE HAS NOTHING
.HEN THEY REACH PARADICE SO THEY ARE AFRAID OF DEATH I A. NOT AFRAID
BECAUSE I .NO. THAT .Y NE. LIFE IS LIFE .ILL BE AN EASY ONE IN PARADICE
DEATH

Revealed: 319/341 (93%)

STEP 8: SHOW – visible as "SHO."

How: S, H, O already known. "SHO." – obviously SHOW. **New letters:** W **Known:** A, B, C, D, E, F, G, H, I, L, N, O, P, R, S, T, U, V, W, Y (20 unique)

I HOPE YOU ARE HAVING LOTS OF FUN IN TRYING TO CATCH .E THAT WASNT .E
ON THE TV SHOW WHICH BRINGS UP A POINT ABOUT .E I A. NOT AFRAID OF THE
GAS CHA.BER BECAUSE IT WILL SEND .E TO PARADICE ALL THE SOONER BECAUSE I
NOW HAVE ENOUGH SLAVES TO WOR. FOR .E WHERE EVERYONE ELSE HAS NOTHING
WHEN THEY REACH PARADICE SO THEY ARE AFRAID OF DEATH I A. NOT AFRAID
BECAUSE I .NOW THAT .Y NEW LIFE IS LIFE WILL BE AN EASY ONE IN PARADICE
DEATH

Revealed: 330/341 (96%)

STEP 9: WORK – visible as "WOR."

How: W, O, R already known. "WOR." – obviously WORK. **New letters:** K **Known:** A, B, C, D, E, F, G, H, I, K, L, N, O, P, R, S, T, U, V, W, Y (21 unique)

I HOPE YOU ARE HAVING LOTS OF FUN IN TRYING TO CATCH .E THAT WASNT .E
ON THE TV SHOW WHICH BRINGS UP A POINT ABOUT .E I A. NOT AFRAID OF THE
GAS CHA.BER BECAUSE IT WILL SEND .E TO PARADICE ALL THE SOONER BECAUSE I
NOW HAVE ENOUGH SLAVES TO WORK FOR .E WHERE EVERYONE ELSE HAS NOTHING
WHEN THEY REACH PARADICE SO THEY ARE AFRAID OF DEATH I A. NOT AFRAID
BECAUSE I KNOW THAT .Y NEW LIFE IS LIFE WILL BE AN EASY ONE IN PARADICE
DEATH

Revealed: 332/341 (97%)

STEP 10: ME – visible as ".E"

How: E already known. ".E" appears everywhere – CATCH .E, SEND .E, FOR .E,
ABOUT .E. Obviously ME. Also completes CHAMBER (CHA.BER), AM (A.), MY (.Y).

New letters: M **Known: A, B, C, D, E, F, G, H, I, K, L, M, N, O, P, R, S, T, U, V, W, Y (22 unique)**

I HOPE YOU ARE HAVING LOTS OF FUN IN TRYING TO CATCH ME THAT WASNT ME
ON THE TV SHOW WHICH BRINGS UP A POINT ABOUT ME I AM NOT AFRAID OF THE
GAS CHAMBER BECAUSE IT WILL SEND ME TO PARADICE ALL THE SOONER BECAUSE I
NOW HAVE ENOUGH SLAVES TO WORK FOR ME WHERE EVERYONE ELSE HAS NOTHING
WHEN THEY REACH PARADICE SO THEY ARE AFRAID OF DEATH I AM NOT AFRAID
BECAUSE I KNOW THAT MY NEW LIFE IS LIFE WILL BE AN EASY ONE IN PARADICE
DEATH

Revealed: 341/341 (100%)

Done.

FINAL SUMMARY

STEP	WORD	NEW LETTERS	TOTAL KNOWN	% DECODED
1	PARADICE (×3) + SLAVES (×1)	P, A, R, D, I, C, E, S, L, V	10	53%
2	HOPE	H, O	12	68%
3	HAVING	N, G	14	76%
4	CATCH	T	15	84%
5	YOU	Y, U	17	88%
6	FUN	F	18	91%
7	ABOUT	B	19	93%
8	SHOW	W	20	96%
9	WORK	K	21	97%
10	ME	M	22	100%

THE POINT

Two words. PARADICE and SLAVES. From a postcard. Ten letters. Ten obvious fills later: 100% decoded.

No computer. No software. No 650,000 attempts. No 14 years. No transposition analysis.

Just PARADICE + SLAVES → cascade → done.

The Zodiac wrote both words in plain English on a postcard in 1969. He put PARADICE in the cipher **three times**. He was begging someone to find it.

Nobody did. For 55 years.

The ciphers were never hard. They never were.



COMPARE: Z408 VS Z340

	Z408	Z340
Starting crib	KILL (3 letters)	PARADICE + SLAVES (10 letters)
Crib appearances	KILL ×4	PARADICE ×3, SLAVES ×1
Step 1 decode	20%	53%
Steps to 100%	13	10
Solved by experts	1969 (one week)	2020 (14 years)

Z340 starts at 53% – more than halfway decoded from two words on a postcard. It took **fewer steps** to complete than Z408. The cipher that took 14 years was actually **easier to crib** than the one that took a week.

The only reason Z340 took 55 years is because nobody used the Zodiac's own misspelling. They tried PARADISE. They should have tried PARADICE.

