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30 2 U 32 31 3 V 34 32 3 W 35 33 3 X 36 34 3 Y 37		1		
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32 3 W 35 33 3 X 36 34 3 Y 37		2	<u>U</u>	
33 3 X 36 34 3 Y 37				
34 3 Y 37				
35 3 Z 38				
	35	3	Z	38

Position	Weighting	Code	Lookup	Product
1	1	Z	38	38
2	2	E	15	30
3	4	Р	27	108
4	8	U	32	256
5	16	0	0	0
6	32	0	0	0
7	64	3	3	192
8	128	7	7	896
9	256	2	2	512
10	512	5	5	2560
			Sum	4592
			Check	5

Remainder	Digit		
0	0	Woighting is the base two expenses of	
1	1	Weighting is the base two exponent of the <i>Position</i> (beginning at zero.)	
2	2	the 7 osmori (beginning at 2010.)	
3	3	Lookup is is corresponding Letter to	
4	4	Number mapping for each Code.	
5	5		
6	6	Product is the Weighting multiplied by the	
7	7	Lookup.	
8	8	Check is the remainder of the <i>Sum</i> of the	
9	9	Products divided by 11. If the Check Digit	
10	0	is 10, then it is mapped to 0 using a modulus operation.	

Index is a range 0–35.

Omitted is the quotient of the *Index* minus one, all divided by ten.

Letter is a range 0–Z. It is derived by a lookup in the ASCII table. If the *Index* is less than 10, add 48 to resolve a number. Otherwise, add 55 to resolve a letter.

Number is mapped by adding *Omitted* to the *Index*, thus skipping multiples of 11 including 22 and 33. Note that the dashed lines are where these multiples would have been had they not been omitted.