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Subject: Re: AGATA Crystal positions (Look-Up Table)

Posted by [miree](#) on Wed, 25 Mar 2015 17:28:52 GMT

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Hi,

as far as I know, the mapping is described by a formula:

The letters {A,B,C} are interpreted as numbers {0,1,2}, respectively.

Given the `crystal_id`, the letter can be computed as `crystal_id%3` and the number in front of the letter is just `crystal_id/3`

(`a%b` is the integer modulus operation and `a/b` is the integer division)

Example:

`crystal_id = 10`

`crystal_id % 3 = 1 -> A`

`crystal_id / 3 = 3`

consequently: `crystal_id 10 = 3A`

I think this scheme agrees with this picture:

<https://lxagata0.ganil.fr:8989/2012-08-27-perf-com/92>

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