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Subject: Re: RPC00B File Format

Posted by [Mort Canty](#) on Fri, 20 Aug 2004 13:23:27 GMT

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I finally got the info from the image provider. So you can all stop bombarding me with answers :o)

Mort

"Mort Canty" <m.canty@fz-juelich.de> schrieb im Newsbeitrag  
news:cfqt2e\$4r1j\$1@zam602.zam.kfa-juelich.de...

> Hi all,

>

> Probably not a good place to ask this, but I'm lost. Is anyone familiar  
> with RPC00B files, which give rational polynomial coefficient  
> approximations to camera models (in this case for satellite imagery)  
> relating 2D image to 3D object space. I have the coefficients from my  
> image provider in RPC00B format, but I don't know the order of the (in  
> this case cubic) polynomial terms in X, Y, Z (longitude, latitude,  
> elevation) which corresponds to the coefficient vectors. Is it

>

>  $a_0 + a_1 \cdot X + a_2 \cdot Y + a_3 \cdot Z + a_4 \cdot X \cdot Y + \dots + a_{19} \cdot Z \cdot Z \cdot Z$

>

> or some other of many conceivable permutations?

>

> Thanks

>

> Mort Canty

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