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Subject: Re: Plotting data over USGS DOQ images.  
Posted by [Jairo Santana](#) on Tue, 05 Jun 2001 23:39:57 GMT  
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Ben,

I forgot to mentioned you about the BIP format. It is an RGB Band Interleaved by Pixel way of storing an image. example:

```
rgb rgb rgb rgb .....rgb
rgb rgb rgb rgb .....rgb
...
...
rgb rgb rgb rgn.....rgb
```

Jairo.

Ben Tupper wrote:

> Jairo Santana wrote:

>

>> I need to plot the path of a plane given by (lat,lon) over a USGS

>> DOQ image. The image is in UTM projection and BIP format.

>> Any code, advice, or suggestion will be very much appreciated.

>>

>> Thanks,

>> Jairo.

>

> Hi,

>

> I have attached a ZIPPED bundle of procedures for converting from LL

> to UTM (meters of false easting/northing). If you know the UTM zone

> for your DOQ image, you should be able to overlay the plane's path on

> the image. Alternatively, you could convert your UTM image coords

> to LL. Then you could use IDL's built in mapping procedures for

> display. I'm not sure if the Map Datum will be important, but it's

> worth paying attention to. I'm not familiar with a BIP format.

>

> Ben

> --

> Ben Tupper

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>

```
> -----  
>      Name: geo.zip  
> geo.zip  Type: Download File (application/x-zip)  
>      Encoding: base64
```

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