Subject: Re: wrong results...
Posted by K. Bowman on Mon, 02 May 2005 15:32:39 GMT

In article <MPG.1cdfe74036bd65989899e4@news.frii.com>,
 David Fanning <davidf@dfanning.com> wrote:

> This probably occurred to you a fraction of a second after
> you hit the SEND button, but if your data goes from -180 to 180,
> and you want it to go from 0 to 360, you will add 180 to each
> value, not 360. :-)

That would rotate the coordinate system by 180 degress, putting the dateline at
the Greenwich meridian, and vice versa. To keep 0 degrees at Greenwich, but
measure longitude from 0 to 360, rather than -180 to 180, I think he really
wants to do what was in my other post:

lon = (lon + 360.0) MOD 360.0

By the way, the reverse transformation is

lon = lon - (LONG(lon)/180)*360.0

Ken Bowman