

Re: SiRF firmware update

Source: <http://sci.tech-archive.net/Archive/sci.geo.satellite-nav/2004-11/1971.html>

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Sam Storm van Leeuwen wrote:

> > *After upgrading firmware to 1.3.4, the unit comes up after a cold start*
> > *in SiRF binary mode at 19.2kbps. I can set it to NMEA 4k8 but after a*
> > *cold start it is back again at 19k2 SiRF binary.*
> >
> > *I'd like to set the cold start defaults. Have found a utility for*
> > *ublox SiRF-based receiver to do this, that modifies the code sent to*
> > *the GPS receiver.*
> >
> > *Is such a program also available for Leadtek 9520 SiRF-1 based module?*

> *SiRF used to have sirfdemo on their site. Supports both SiRF I and II*
> *Let me know if you can't find it, I may still have it somewhere on my*
> *PC*

Thanks for your reply, Sam.

I do have Sirfdemo, but unless i miss something, it does not let me change the cold boot mode of the receiver. It will let me change mode, but only until the next cold start (start 'blank' without backup power).

I also have sirfprog and files (motorola s-records) to program the module's flash chip. But in order to change the cold boot defaults you need to change some magic bytes in the code that is going to be downloaded to flash. Or that is how i see it at the moment.

Now i'd love to have the module cold boot in NMEA mode....

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