

## Re: ACPI battery state and resume not working on Inspiron 5150

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2003-08/0478.html>

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**From:** Joe Marcus Clarke ([marcus\\_at\\_marcuscom.com](mailto:marcus_at_marcuscom.com))

**Date:** 08/07/03

To: Kevin Oberman <[oberman@es.net](mailto:oberman@es.net)>  
Date: Thu, 07 Aug 2003 12:06:30 -0400

On Thu, 2003-08-07 at 10:31, Kevin Oberman wrote:

> > *From: Joe Marcus Clarke <[marcus@marcuscom.com](mailto:marcus@marcuscom.com)>*  
> > *Date: Wed, 06 Aug 2003 16:01:37 -0400*  
> > *Sender: owner-freebsd-current@freebsd.org*  
> >  
> >  
> > *-----MHP9eSkqmbnyoWl+2a1w*  
> > *Content-Type: text/plain*  
> > *Content-Transfer-Encoding: quoted-printable*  
> >  
> > *On Wed, 2003-08-06 at 15:56, Barney Wolff wrote:*  
> > > *On Wed, Aug 06, 2003 at 03:31:01PM -0400, Joe Marcus Clarke wrote:*  
> > > > *ACPI-1287: \*\*\* Error: Method execution failed*  
> > > > *[\\_SB\_.PCI0.LPCB.BAT1.\_STA] (Node 0xc6137640), AE\_NOT\_EXIST*  
> > > > *=20*  
> > > *I would not expect BAT1 to exist unless you have 2 batteries installed.*  
> >  
> > *Ah, good point. However, I don't see any battery sysctls, and I do have*  
> > *at least one battery installed.*  
> >  
> > > *As to resume, on my I5000 it takes almost a minute to come back from*  
> > > *S3, but does eventually come back on a -current from 7/30.*  
> >  
> > *Thanks for the suggestion. I'll wait a bit longer.*  
>  
> *Well, I did some experimenting yesterday with the ACPI code on my IBM*  
> *T30 and learned one thing...if you plan on suspending, you need to set*  
> *a sleep delay. Before I set the delay I had some nasty problems*  
> *because power went away immediately and the disk cache did not have a*  
> *chance to flush (ouch!) and left the display where it should not be.*  
>  
> *I noticed that Windows XP has a delay of about 5 seconds. I set the*  
> *sysctl and tried again and things went MUCH better. The suspend didn't*  
> *leave the disk corrupt (whew!) and the display dropped to low*  
> *resolution before the graphics was shut down and switched back on*

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> *resume! My Radeon M7 even retained sync.*  
>  
> *Of course, the USB driver simply does not recover from a suspend on*  
> *ACPI and this should be fixed before too long. Also, the backlight*  
> *stays on making the suspend NVU (not very useful). But it is a huge*  
> *improvement and adding a delay MAY help a lot of other laptop*  
> *suspend/resume areas.*  
>  
> *Whether this will help th I5000 problems, I can't say, but it seems*  
> *like suspend/resume is the most common show-stopper for ACPI on*  
> *laptops, so it's worth a shot. If there is a trend that indicates that*  
> *a short delay in suspending fixes a number of problems, the default*  
> *delay should probably be modified from 0 to 4 or 5.*

I tried your suggestion, but this just prolonged the inevitable for 5 seconds. The laptop still remained dead to all input and no video after resume.

Joe

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PGP Key : <http://www.marcuscom.com/pgp.asc>

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- application/pgp-signature attachment: This is a digitally signed message part