

## DragonFlyBSD - Bug #3022

### sys/dev/netif/ath/ath/if\_ath.c:2142: strange bitmask ?

04/11/2017 11:49 AM - dcb

<b>Status:</b>	New	<b>Start date:</b>	04/11/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
sys/dev/netif/ath/ath/if_ath.c:2142]: (error) Signed integer overflow for expression 'i<<i'.			
Source code is			
<pre>for (i = 0; i &lt; 32; i++) if (ah-&gt;ah_syncstate &amp; (i &lt;&lt; i)) sc-&gt;sc_intr_stats.sync_intr[i]++;</pre>			
Maybe better code			
<pre>for (i = 0; i &lt; 32; i++) if (ah-&gt;ah_syncstate &amp; (1 &lt;&lt; i)) sc-&gt;sc_intr_stats.sync_intr[i]++;</pre>			