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Radeon 7000 Sightings and Errata

Sighting Description	Status
<p><b>Video BIOS serial EPROM is inaccessible when FP2_ON (DVO output) is enabled.</b></p> <p><b>Impact:</b></p> <p>When an OS that does not have a specific driver for the Radeon 7000 (PCI device ID 5159) tries to retrieve the video BIOS from the attached serial EPROM, it will not be able to read the video BIOS if the Radeon 7000 DVO output is enabled. The impact to the OS is OS-dependent.</p> <p>This issue has been seen on IA64 systems with DVO support. In x86 systems, the option ROM data has traditionally been accessed from system “shadow” RAM (usually C0000h – C7000h).</p>	<p>Two solutions are proposed for this problem. The OS can:</p> <ol style="list-style-type: none"><li>1) use the legacy shadow VBIOS at C0000H rather than accessing the serial EPROM.</li><li>2) disable FP2_ON when accessing the VBIOS, then re-enable FP2_ON when done.</li></ol>