SEGA SATURN TECHNICAL BULLETIN #42
(PRELIMINARY)

To: **Sega and Third Party Developers**

From: **Developer Technical Support**

Date: **July 1, 1996**

Re: **Cautions on Using SMPC**

- Use of the SH2's direct mode is prohibited
    - Always use the peripheral library to fetch peripheral data.
    Related Information: STN-6 "Software Libraries That Must Be Used"
Note: This does not apply to Virtua Gun, since it will not work unless used in direct mode.
    Virtua Gun Reference: STN-38 "*Virtua Gun Users Manual*"

- Use of reserved bits is prohibited within the peripheral data format
    - Do not use data that is currently used as an expansion bit or a 1 in the peripheral data.
    - These bits are data that must be set aside for future peripherals, so they should be masked or otherwise protected from use by programming that uses expansion bits whenever data that includes expansion bits is used.