

**Proposed
Draft**

**Serial ATA
International Organization**

**Version 1
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**ECN065V1_SATA31
Title: Identify Modification**

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Document History

Version	Date	Comments
0	7/23/2012	Final Draft
1	9/14/2012	Ratified

Introduction

Implementations that support Device Initiated Interface Power Management Software Settings Preservation should not have any negative side effects from using Bit 10 of Word 78 of IDENTIFY DEVICE. Bit 9 of Word 78 should be made Reserved again and bit 10 should be changed to Device Supports Device Initiated Interface Power Management Software Settings Preservation.

1 Technical Specification Changes

1.1 IDENTIFY DEVICE

13.2.6.4 [Editor's note 13.2.2.1] IDENTIFY DEVICE information.

[editors note: make the following changes to IDENTIFY DEVICE in TP_040_SATA31_TPR_D149_DIPM_SSP_V03]

Table 84 – [editors note: table 84] IDENTIFY DEVICE information

Word	O/M	F/V	Description
78	O	R F <u>R</u>	Serial ATA Features Supported 15- 10 <u>11</u> Reserved 9 <u>10</u> 1 = Device Supports Device Initiated Interface Power Management Software Settings Preservation <u>9</u> <u>Reserved</u>

1.2 [editor's note: 13.2.1.18] Word 78: Serial ATA features supported

Bit ~~9~~10 indicates that the device supports persistence of the Device Initiated Interface Power Management enable/disable setting via Software Settings Preservation.