

**Proposed
Draft**

**Serial ATA
International Organization**

**Version 1
July 6, 2015**

**Serial ATA Revision 3.2 ECN # 088
Title : Enclosure services signature**

This is an internal working document of the Serial ATA International Organization. As such, this is not a completed standard and has not been approved. The Serial ATA International Organization may modify the contents at any time. This document is made available for review and comment only.

Permission is granted to the Promoters, Contributors and Adopters of the Serial ATA International Organization to reproduce this document for the purposes of evolving the technical content for internal use only without further permission provided this notice is included. All other rights are reserved and may be covered by one or more Non Disclosure Agreements including the Serial ATA International Organization participant agreements. Any commercial or for-profit replication or republication is prohibited. Copyright © 2000 to 2015 Serial ATA International Organization. All rights reserved.

This Draft Specification is NOT the final version of the Specification and is subject to change without notice. A modified, final version of this Specification ("Final Specification") when approved by the Promoters will be made available for download at this Web Site: <http://www.sata-io.org>.

THIS DRAFT SPECIFICATION IS PROVIDED "AS IS" WITH NO WARRANTIES WHATSOEVER, INCLUDING ANY WARRANTY OF MERCHANTABILITY, NON-INFRINGEMENT, FITNESS FOR ANY PARTICULAR PURPOSE OR ANY WARRANTY OTHERWISE ARISING OUT OF ANY PROPOSAL, SPECIFICATION, OR SAMPLE. Except for the right to download for internal review, no license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted or intended hereunder.

THE PROMOTERS DISCLAIM ALL LIABILITY, INCLUDING LIABILITY FOR INFRINGEMENT OF ANY PROPRIETARY RIGHTS, RELATING TO USE OF INFORMATION IN THIS DRAFT SPECIFICATION. THE PROMOTERS DO NOT WARRANT OR REPRESENT THAT SUCH USE WILL NOT INFRINGE SUCH RIGHTS.

THIS DOCUMENT IS AN INTERMEDIATE DRAFT FOR COMMENT ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

* Other brands and names are the property of their respective owners.

Copyright © 2000 to 2015 Serial ATA International Organization. All rights reserved.

1 Introduction

1.1 Problem Statement

In the process of ordering the LBA sequentially a typo was introduced for LBA(23:16) in the register signature indicating presence of enclosure services device figure.

The correct value was recorded in Serial ATA Revision 3.1. The error first appeared in Serial ATA Revision 3.2.

1.2 Solution Summary

The transposition has been corrected.

1.3 Background (optional)

2 Technical Specification Changes

2.1 <Title of section being changed>

[editor note: Existing text is black. New text is marked as underlined in blue color. Material to be deleted ~~is red with strikethrough markings.~~]

Field	7	6	5	4	3	2	1	0
Error(7:0)	00h							
Count(7:0)	01h							
Count(15:8)	00h							
LBA(7:0)	01h							
LBA(15:8)	3Ch							
LBA(23:16)	3Ch <u>C3h</u>							
LBA(31:24)	00h							
LBA(39:32)	00h							
LBA(47:40)	00h							
Device(7:0)	na							
Status(7:0)	BSY	DRDY	DF	DSC	DRQ	0	0	ERR

Status =50h

Figure 398 – Register signature indicating presence of enclosure services device