

# Working Draft

# Project T10/BSR-INCITS 503 AM1

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## Information technology - SCSI Stream Commands - 5 Amendment 1 (SSC-5/AM1)

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**American National Standards  
for Information Systems -**

**SCSI Stream Commands - 5 Amendment 1 (SSC-5/AM1)**

Secretariat  
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Approved mm dd yy

**American National Standards Institute, Inc.**

**Abstract**

This amendment specifies changes to INCITS 503-2022

**Draft**

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for Information Technology -****SCSI Stream Commands - 5 Amendment 1 (SSC-5/AM1)**

Key	
<del>Deleted Text</del>	<u>Added Text</u>

**1 Changes to Volume Statistics log page**

Table 153 specifies the Volume Statistics log page parameter codes.

**Table 153 — Volume Statistics log parameter codes**

Parameter Code	Description	Type	Support	Reference
0016h	Total native capacity	C	M	8.3.9.3.23
0017h	Total used native capacity	C	M	8.3.9.3.23
<u>0018h</u>	<u>Application design capacity</u>	<u>C</u>	<u>M</u>	<u>8.3.9.3.x</u>
<u>0019h</u>	<u>Volume useful life remaining</u>	<u>C</u>	<u>M</u>	<u>8.3.9.3.y</u>
<del>0018h</del> <u>001Ah</u> to 003Fh	Reserved			
0040h	Volume serial number	S	M	8.3.9.3.25
⋮				
0046h	Volume manufacture date	S	O	8.3.9.3.32
0046h to <u>007Fh</u>	Reserved			
Type key: C=Volume statistics counter log parameter (see 8.3.9.2.1) S=Volume statistics string data log parameter (see 8.3.9.2.2) P=Volume statistics partition record log parameter (see 8.3.9.2.3)				

**8.3.9.3.23 Total native capacity**

The total native capacity parameter contains the sum of the total native capacity of all partitions in megabytes (i.e.,  $10^6$  bytes) from BOP to EOP. ~~A data counter value with all bytes set to FFh in the PARTITION RECORD DATA COUNTER field (see 8.3.9.2.3) indicates~~All bytes in the parameter data counter value set to FFh indicates that the total native capacity is unknown.

#### 8.3.9.3.24 Total used native capacity

The total used native capacity parameter contains the sum of the used native capacity of all partitions in megabytes (i.e.,  $10^6$  bytes) from BOP to EOD. ~~A data counter value with all bytes set to FFh in the PARTITION RECORD DATA COUNTER field (see 8.3.9.2.3) indicates~~ All bytes in the parameter data counter value set to FFh indicates that the total used native capacity is unknown.

#### 8.3.9.3.x Application design capacity

The application design capacity parameter contains the maximum capacity for which an application client accessing the volume should be designed (i.e., in the absence of error conditions, the application design capacity should always be able to fit on a volume without spanning to a different volume). The application design capacity assumes:

- a) that compression is disabled;
- b) that normal data and block sizes are used; and
- c) that there is a single partition.

The application design capacity is expressed in megabytes (i.e.,  $10^6$  bytes) from BOP to EOP. All bytes in the parameter data counter value set to FFh indicates that the application design capacity is unknown.

#### 8.3.9.3.y Volume useful life remaining

The volume useful life remaining parameter contains an estimate of the percentage (i.e., an integer between 100 and zero representing a percentage) of remaining usage available before exceeding the volume's (see 4.2.2.1) useful life. All bytes in the parameter data counter value set to FFh indicates that the volume lifetime remaining is unknown. All other values are reserved.