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Special	REPORT
Test Results for Software Write Block Tools: PDBLOCK Version 2.10	

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Director

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Contents

Introd	luction
Test R	Results for Software Write Block Tools4
1.0	Results Summary by Requirements4
2.0	Anomalies
3.0	Observation
4.0	Test Case Selection
5.0 5.1 5.2	Test Results by Assertion.
6.0 6.1 6.2 6.3 6.4	Testing Environment.10Test Computers10Hard Disk Drives11Support Software14Run Protocol Selection14
7.0 7.1 7.2	Interpretation of Test Results15Test Assertion Verification15Test Results Summary Key19
8.0	Test Results Summaries

Introduction

The Computer Forensics Tool Testing (CFTT) program is a joint project of the National Institute of Justice, which is the research, development, and evaluation agency of the U.S. Department of Justice (DOJ), and the National Institute of Standards and Technology's (NIST's) Office of Law Enforcement Standards and Information Technology Laboratory. CFTT is supported by other organizations, including the Federal Bureau of Investigation (DOJ), the Cyber Crime Center (U.S. Department of Defense), the Internal Revenue Service Criminal Investigation's Electronic Crimes Program (U.S. Department of the Treasury), and U.S. Immigration and Customs Enforcement and the U.S. Secret Service (U.S. Department of Homeland Security). CFTT's objective is to provide measurable assurance to practitioners, researchers, and other applicable users that the tools used in computer forensics investigations provide accurate results. Accomplishing this requires the development of specifications and test methods for computer forensics tools and subsequent testing of specific tools against those specifications.

Test results provide the information necessary for developers to improve tools, users to make informed choices, and the legal community and others to understand the tools' capabilities. The approach for testing computer forensic tools is based on well-recognized methodologies for conformance and quality testing. The specifications and test methods are posted on the <u>CFTT</u> <u>Web site (http://www.cftt.nist.gov)</u> for both comment and review by the computer forensics community.

This document reports the results from testing PDBLOCK Version 2.10 against <u>Software Write</u> <u>Block Tool Specification & Test Plan Version 3.0</u>, available on CFTT's Web site (<u>http://www.cftt.nist.gov/documents/SWB-STP-V3_1a.pdf</u>). This specification identifies the following top-level tool requirements:

- The tool shall not allow a protected drive to be changed.
- The tool shall not prevent obtaining any information from or about any drive.
- The tool shall not prevent any operations to a drive that is not protected.

Test Results for Software Write Block Tools

Tool Tested:	PDBLOCK VERSION 2.10 © 1999–2003 DIGITAL INTELLIGENCE, INC.
Executable Identification:	Name: pdblock.exe Size: 16,742 bytes SHA1 ¹ : 12c055ef9565781e822a2462a61b5d5b19660711
Operating System:	MS–DOS [®] (Windows [®] 98 DOS) ² Version 4.10.2222
Supplier:	Digital Intelligence, Inc. 1325 Pearl Street Waukesha, WI 53186 262–524–9363 http://www.digitalintelligence.com/

1.0 Results Summary by Requirements

The tool shall not allow a protected drive to be changed.

For all test cases run, the tool always blocked all write commands sent to a protected drive. For some test cases run, the tool did not block all commands that could change protected drives.

The tool shall not prevent obtaining any information from or about any drive.

For all test cases run, the tool always allowed commands to obtain information from any protected drives.

The tool shall not prevent any operations to a drive that is not protected.

For all test cases run, the tool always allowed any command to access any unprotected drives. For some test cases run with five drives, the fifth drive was protected even though it was not designated as protected.

¹ The Secure Hash Algorithm (SHA1), developed by NIST and the National Security Agency for use with the Digital Signature Standard, is specified in *Secure Hash Standard* (FIPS Publication 180) (National Institute of Standards and Technology, May 1993).

² MS–DOS and Windows are registered trademarks of Microsoft Corporation.

2.0 Anomalies

The tool blocked all commands from the write category sent to a protected drive. However, the tool did not block some commands from the miscellaneous category that are either undefined (invalid) or outmoded and not routinely used by current software. These commands in current BIOS implementations do not write to a hard drive, but in the future they could be defined such that they would change the contents or accessibility of a protected drive. In the test specification, these commands are therefore included in categories that should be blocked.

The tool only blocked three commands in the miscellaneous category (command codes 0x1A, 0x22, and 0xED). Command code 0xED is always blocked with a return code of *fail* (0x0100) regardless of the protection status of the drive or the */fail* command line option.

Test cases: SWB-05, SWB-06, SWB-17, and SWB-18.

3.0 Observation

The documentation available for PDBLOCK Version 2.10 seems to imply that it only supports four hard disks. Because the number of drives supported is not perfectly clear, some tests were conducted with five hard drives. Behavior of the software on the fifth disk for computers with five drives was not always as expected.

If the user specified drive 4 as protected, PDBLOCK 2.10 issued the message **Error**: **Invalid Drive List Specified:** and exited, prematurely ending the test. This relates to the SWB-RO-03 requirement from *Software Write Block Tool Specification & Test Plan Version 3.0*: The user shall be able to specify each of the covered drives as either protected or unprotected.

There are no test cases included in this test report that demonstrate this behavior.

If the fifth drive was not included in the subset of drives specified for protection, PDBLOCK Version 2.10 still seemed to protect the fifth drive. This relates to assertion "SWB–AO–07 If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for drives not in the selected subset," from *Software Write Block Tool Specification & Test Plan Version 3.0*.

Test cases: SWB-15, SWB-16, SWB-17, and SWB-18.

4.0 Test Case Selection

The test cases were selected from *Software Write Block Tool Specification & Test Plan Version 3.0.* All 40 test cases listed in the specification were applied to PDBLOCK Version 2.10.

5.0 Test Results by Assertion

This section presents the test results grouped by assertion. The assertions were taken from *Software Write Block Tool Specification & Test Plan Version 3.0.*

5.1 Mandatory Assertions

SWB-AM-01. If a drive is protected and a command from the write category is issued for the protected drive, then the tool shall block the command.

Each command in the write category was sent to all protected drives. PDBLOCK Version 2.10 blocked every command from the write category sent to a protected drive.

Test cases: SWB–01 and SWB–02.

SWB-AM-02. If a drive is protected and a command from the configuration category is issued for the protected drive, then the tool shall block the command.

Each command in the configuration category was sent to all protected drives. PDBLOCK Version 2.10 blocked every command from the configuration category sent to a protected drive.

Test cases: SWB–03 and SWB–04.

SWB-AM-03. If a drive is protected and a command from the miscellaneous category is issued for the protected drive, then the tool shall block the command.

Each command in the miscellaneous category was sent to all protected drives. PDBLOCK Version 2.10 only blocked three of the commands from the miscellaneous category sent to a protected drive. Command codes 0x1A, 0x22, and 0xED were blocked; all other command codes were allowed.

<u>Table 5–1</u> contains an extract of the relevant information from the SWB–06 test case log file. Command code 0xED is always blocked with a return code of *fail* (0x0100) regardless of the setting of the */fail* command line option.

6 of 88

Table 5–1 Extract from Test Case SWB–06 Test Log

		_	_				-
	Case	Cmd Dr	<i>r</i> Action	Stat	Cry	Count	Cmd Name
3	SWB-06	<19> 8) Allowed	0000	Off	1	Undefined
4	SWB-06	<1A> 8) Blocked	0000	Off	0	Undefined
5	SWB-06	<1B> 8) Allowed	0000	Off	1	Undefined
11	SWB-06	<21> 8) Allowed	0000	Off	1	Undefined
12	SWB-06	<22> 8) Blocked	0000	Off	0	Undefined
13	SWB-06	<23> 8) Allowed	0000	Off	1	Undefined
208	SWB-06	<ec> 8</ec>) Allowed	0000	Off	1	Undefined
209	SWB-06	<ed> 8</ed>) Blocked	0100	On	0	Undefined
210	SWB-06	<ee> 8</ee>) Allowed	0000	Off	1	Undefined

Test cases: SWB-05 and SWB-06.

SWB-AM-04. If a drive is protected and a command from the read category is issued for the protected drive, then the tool shall not block the command.

Each command in the read category was sent to all protected drives. PDBLOCK Version 2.10 never blocked any command from the read category sent to a protected drive.

SWB-AM-05. If a drive is protected and a command from the control category is issued for the protected drive, then the tool shall not block the command.

Each command in the control category was sent to all protected drives. PDBLOCK Version 2.10 never blocked any commands from the control category sent to a protected drive.

SWB-AM-06. If a drive is protected and a command from the information category is issued for the protected drive, then the tool shall not block the command.

Each command in the information category was sent to all protected drives. PDBLOCK Version 2.10 never blocked any command from the information category sent to a protected drive.

SWB-AM-07. If the tool is executed, then the tool shall issue a message indicating that the tool is active.

PDBLOCK Version 2.10 always issued the message **PDBlock Version 2.10** to indicate that the tool was active.

SWB-AM-08. If the tool is executed, then the tool shall issue a message indicating all drives accessible by the covered interfaces.

When executed with the */list* command line option, PDBLOCK Version 2.10 always issued the message **Physical Drives on this System:** followed by a table of drive attributes to identify the accessible drives.

SWB-AM-09. If the tool is executed, then the tool shall issue a message indicating the protection status of each drive attached to a covered interface.

PDBLOCK Version 2.10 always issued the message **Drives Protected:** [list] to indicate the protection status of each drive; "[list]" identifies the protected drives.

SWB-AM-10. If the tool is configured to return *success* on blocked commands and the tool blocks a command, then the return code shall indicate successful command execution.

When PDBLOCK Version 2.10 was configured to return *success* on blocked commands, except for command code 0xED, all blocked commands returned *success*. Command 0xED is always blocked and the return code is always 0x0100 (*fail*). See <u>Table 5–1</u>, a log file extract from test case SWB–06, and note that line 209 (result for the 0xED command) returns 0x0100.

Test cases: SWB-06, SWB-18, and SWB-40.

SWB-AM-11. If the tool is configured to return *fail* on blocked commands and the tool blocks a command, then the return code shall indicate unsuccessful command execution.

When PDBLOCK Version 2.10 was configured to return *fail* on blocked commands, all blocked commands returned *fail*.

5.2 Optional Assertions

SWB-AO-01. If a subset of all covered drives is specified for protection, then commands from the write category shall be blocked for drives in the selected subset.

When a subset of covered drives was selected and each command in the write category was sent to all protected drives, PDBLOCK Version 2.10 blocked every command from the write category sent to a protected drive.

SWB-AO-02. If a subset of all covered drives is specified for protection, then commands from the configuration category shall be blocked for drives in the selected subset.

When a subset of covered drives was selected and each command in the configuration category was sent to all protected drives, PDBLOCK Version 2.10 blocked every command from the configuration category sent to a protected drive.

8 of 88

Test cases: SWB–15 and SWB–16.

SWB-AO-03. If a subset of all covered drives is specified for protection, then commands from the miscellaneous category shall be blocked for drives in the selected subset.

When a subset of covered drives was selected and each command in the miscellaneous category was sent to all protected drives, PDBLOCK Version 2.10 only blocked three of the commands from the miscellaneous category sent to a protected drive. Command codes 0x1A, 0x22, and 0xED were blocked; all other command codes were allowed.

Test cases: SWB–17 and SWB–18.

SWB-AO-04. If a subset of all covered drives is specified for protection, then commands from the read category shall not be blocked for drives in the selected subset.

When a subset of covered drives was selected and each command in the read category was sent to all protected drives, PDBLOCK Version 2.10 never blocked any command from the read category sent to a protected drive.

SWB-AO-05. If a subset of all covered drives is specified for protection, then commands from the control category shall not be blocked for drives in the selected subset.

When a subset of covered drives was selected and each command in the control category was sent to all protected drives, PDBLOCK Version 2.10 never blocked any command from the control category sent to a protected drive.

SWB-AO-06. If a subset of all covered drives is specified for protection, then commands from the information category shall not be blocked for drives in the selected subset.

When a subset of covered drives was selected and each command in the information category was sent to all protected drives, PDBLOCK Version 2.10 never blocked any command from the information category sent to a protected drive.

SWB-AO-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for drives not in the selected subset.

When a subset of covered drives was selected and each command in every category was sent to all unprotected drives of computers with fewer than five drives, PDBLOCK Version 2.10 never blocked any command sent to an unprotected drive, except for command code 0xED. When a computer had five drives and a subset of all covered disks was specified for protection, PDBLOCK 2.10 treated the fifth drive as protected even though it was not specified for protection. Command code 0xED was always blocked whether the drive was protected or not.

Test cases: SWB-15, SWB-16, SWB-17, and SWB-18.

SWB-AO-08. If the tool is active during the operating system boot and shutdown processes, then no changes are made to any protected drives.

The system was booted with the test harness and PDBLOCK Version 2.10 started from the AUTOEXEC.BAT file. Each command in the write category was sent to every protected drive to show that the tool was active. Finally, the system was shutdown. A SHA1 hash value was then computed and compared with a SHA1 hash value computed before the test for each drive used in the test to ensure that nothing was written to the disks after the harness was no longer active. The SHA1 hash values computed after the test were the same as the values computed before the test, indicating that no changes to the drives occurred during the test.

SWB-AO-09. If the tool is active and the tool is then deactivated, then no commands to any drive shall be blocked.

With one exception, when the tool was activated and then deactivated and commands in all categories were sent to each protected drive, PDBLOCK Version 2.10 never blocked any commands sent. The exception is command code 0xED. This command code is always blocked.

Test cases: SWB-39 and SWB-40.

SWB-AO-10. If the tool blocks a command, then the tool shall issue either an audio or a visual signal.

PDBLOCK Version 2.10 always indicated a blocked command with an audible signal.

6.0 Testing Environment

The tests were run in the NIST CFTT lab. This section describes the hardware (test computers and hard drives) available for testing. Not all components were used in testing. The following host computers were used for execution of test cases: Joe, Max, McMillan, and Freddy. Eight hard drives (eight different models and three different brands) were used for the tests (Table 6– $\underline{3}$).

6.1 Test Computers

Three host computers—Joe, Max, and Freddy—have the following hardware components in common:

Table 6–1 Extended BIOS Host Computer Hardware Components

Intel D865GBF Motherboard
BIOS: Intel/AMI BF86510A.86A.0053.P13
Intel Dual Pentium 4 3.4hz
3072M Memory
Adaptec 29160 SCSI Adapter card Ultra 160
Sony DVD RW DRU–530A
IOGEAR GIC1394 3–Port Firewire PCI card
Apacer USB 2.0 Embedded Card Reader
Two slots for removable IDE hard disk drives
Two slots for removable SCSI hard disk drives
Two slots for removable SATA hard disk drives

The computer McMillan has the following hardware components:

Table 6-2 Alternate Extended BIOS Host Computer Hardware Components

Intel D845WNL Motherboard BIOS: HV84510A.86A.0022.P05 Intel Pentium IV 2.0Ghz 512672k Memory Adaptec 29160 SCSI Adapter card Tekram DC–390U3W SCSI Adapter card Plextor CR–RW PX–W124TS Rev: 1.06 LG 52X CD–ROM Floppy drive Three slots for removable IDE hard disk drives Two slots for removable SCSI hard disk drive

6.2 Hard Disk Drives

The hard disk drives that were used are listed in <u>Table 6–3</u>. These hard drives were mounted in removable storage modules. Any combination of up to two (three for McMillan) IDE hard drives and two SCSI hard drives were installed in Joe, Max, McMillan, or Freddy as required for a test. The IDE disks used had jumpers set for *cable select*. The SCSI ID for the SCSI disks was set to either 0 or 1 as required by the test case.

The **Label** column is an external identification for the hard drive. The **Model** column is the model identification string obtained from the drive. The **Interface** column identifies the type of interface used to connect the drive to the computer. The **Usable Sectors** column documents the size of the drive in sectors. The **GB** column gives the size of the drive in gigabytes.

Label Model		Interface	Usable Sectors	GB
1F	QUANTUM_ATLAS10K3_18_SCA	SCSI	35916547	18.38
2B	QUANTUM QM39100TD-SCA	SCSI	17783248	9.10
64	WDCWD64AA	IDE	12594960	6.44
6F Maxtor 6Y060L0		IDE	120103200	61.49
8A	WDC WD200EB-00CSF0	IDE	39102336	20.02
90	WDC WD300BB-00CAA0	IDE	58633344	30.02

Table 6–3 Hard Drives Used in Testing

Label	Model	Interface	Usable Sectors	GB
E3	QUANTUM_ATLAS10K2-TY092J	SCSI	17938985	9.18
E4	QUANTUM_ATLAS10K2-TY092J	SCSI	17938985	9.18
F5	IBM-DTLA-307020	IDE	40188960	20.57
Fб	IBM-DTLA-307020	IDE	40188960	20.57

The drives were set up in a variety of ways with the common partition types (FAT16, FAT32, FAT32X, NTFS, and Linux ext2) represented. The setup of each drive is documented in <u>Table 6–4</u>. The **Drive Label** column is an external identification for the hard drive. The **Partition Table** column describes the partition table for the drive. Under **Partition Table**, the **N** subcolumn is a sequence number. The unlabeled subcolumn identifies a primary partition (P), primary extended partition (X), secondary partition within an extended partition (S), or extended partition within an extended partition (x). The **Start LBA** subcolumn is the starting logical block address (LBA) of the partition. The **Length** subcolumn is the length of the partition in sectors. The **boot** subcolumn indicates the boot partition. The **Partition type** subcolumn contains the two-digit hexadecimal partition type code and the name of the partition type for common partition types.

Drive Label	Partition Table		
1F	N Start LBA Length boot Partition type		
	1 P 00000063 001236942 Boot 0B Fat32		
	2 X 001429785 033865020 0F extended		
	3 S 00000063 000208782 83 Linux		
	4 x 000208845 000144585 05 extended		
	5 S 00000063 000144522 OB Fat32		
	6 x 000771120 000192780 05 extended		
	7 S 00000063 000192717 16 other		
	8 S 00000000 00000000 00 empty entry		
	9 P 035294805 000064260 83 Linux		
2B	No partition table		
64	No partition table		
6F	No partition table		
8A	No partition table		
90	No partition table		
E3	N Start LBA Length boot Partition type		
	1 P 00000063 071681967 OC Fat32X		
	2 P 00000000 00000000 00 empty entry		
	3 P 00000000 00000000 00 empty entry		
	4 P 00000000 00000000 00 empty entry		
E4	N Start LBA Length boot Partition type		
	1 P 00000063 006152832 Boot 0B Fat32		
	2 X 008193150 009735390 0F extended		
	3 S 00000000 00000000 00 empty entry		
	4 x 002056320 001237005 05 extended		
	5 S 00000063 001236942 07 NTFS		
	6 x 005349645 001638630 05 extended		
	7 S 00000063 001638567 17 other		
	8 x 008498385 001237005 05 extended		
	9 S 00000063 001236942 1B other		
F5	N Start LBA Length boot Partition type		
	1 P 00000063 001236942 Boot 06 Fat16		
	2 X 002249100 007181055 05 extended		

 Table 6–4 Drive Partition Setup

Drive Label	Partition Table		
	3 S 00000063 000208782 83 Linux		
	4 x 000208845 000144585 05 extended		
	5 S 00000063 000144522 06 Fat16		
	6 x 004450005 000192780 05 extended		
	7 S 00000063 000192717 16 other		
	8 S 00000000 00000000 00 empty entry		
	9 P 009430155 006152895 83 Linux		
F6	N Start LBA Length boot Partition type		
	1 P 00000063 006152832 Boot 0B Fat32		
	2 X 008193150 031985415 0F extended		
	3 S 00000000 00000000 00 empty entry		
	4 x 002056320 001237005 05 extended		
	5 S 00000063 001236942 07 NTFS		
	6 x 005349645 001638630 05 extended		
	7 S 00000063 001638567 17 other		
	8 x 030748410 001237005 05 extended		
	9 S 00000063 001236942 1B other		

After the drives were created and before testing began, a SHA1 hash value was computed for the entire drive (Table 6–5, top rows). After testing was finished, a SHA1 hash value was computed again (Table 6–5, bottom rows). The lack of change in the SHA1 hash values indicates that no changes were made to the drives during testing.

Table 6–5 Drive SHA1 Values, Before and After Testing

Drive Label	Time	SHA1 Hash Value
1F	Before	7DB8B538BC38907FC22B1CA79996D97F77421418
	After	7DB8B538BC38907FC22B1CA79996D97F77421418
2B	Before	2A7810E851B7392C3D4836A5DFFB5E73E8295C6F
	After	2A7810E851B7392C3D4836A5DFFB5E73E8295C6F
64	Before	8F52C49579C70407FE6D0EDCBE3FD7C42972823A
	After	8F52C49579C70407FE6D0EDCBE3FD7C42972823A
бF	Before	7C2F5F4FB0D04E5F1B51D0888753A1B125A503EA
	After	7C2F5F4FB0D04E5F1B51D0888753A1B125A503EA
8A	Before	891444D852E0C48C4713952B3BDAD89E03C205FD
	After	891444D852E0C48C4713952B3BDAD89E03C205FD
90	Before	08B4905B4D012401656248C39C904F6072476293
	After	08B4905B4D012401656248C39C904F6072476293
E3	Before	0F9DACDA6C63D197C048782003D324108CEC7AB0
	After	0F9DACDA6C63D197C048782003D324108CEC7AB0
E4	Before	25BF8AF6B2D3E0BD1909C96E368DB27F51C49CBF
	After	25BF8AF6B2D3E0BD1909C96E368DB27F51C49CBF
F5	Before	83A0002816BBF089F8BE33C41C92C3B5A0F42A54
	After	83A0002816BBF089F8BE33C41C92C3B5A0F42A54
F6	Before	8034683D5D55BA51409AC7B5CB0845CA2CF6B235
	After	8034683D5D55BA51409AC7B5CB0845CA2CF6B235

6.3 Support Software

Software Write Block Test Harness (SWBT) Release 1.0 was developed to support the testing of interrupt 0x13-based software write block tools. The program DISKWIPE from the FS–TST Release 1.0 package was used in the drive setup procedure. Both FS–TST Release 1.0 and SWBT Release 1.0 can be obtained from <u>CFTT's Web site (http://www.cftt.nist.gov)</u>. The support software has components to monitor interrupt 0x13 activity (TALLY13.COM) and to issue each of the 256 possible interrupt 0x13 commands (TEST–HDL.EXE). The TEST–HDL program was written in ANSI C and compiled with the Borland C++ compiler Version 4.5. The TALLY13 program was written in assembler language and compiled with Borland Turbo Assembler Version 5.0.

The programs listed in <u>Table 6-6</u> are required for testing.

Program	Description
SWB Tool	The software write block tool to be tested.
TALLY13	The interrupt 0x13 monitor program. When active, it blocks all interrupt
	0x13 command functions and counts the number of times each function is
	requested for each drive. It also provides an interface for retrieving the
	count of the number of times each command function was requested for
	each drive.
TEST-HDL	The test harness issues (requests) all interrupt 0x13 command functions for
	a specified command category, queries the monitor program to determine if
	the function was blocked or allowed, and logs the results to a file.
T–OFF	Deactivate TALLY13.
SIG-LOG	Log operator's observations of an audible or visual signal indicating
	blocked commands.

Table 6–6 Software Required for Testing

6.4 Run Protocol Selection

Most test cases followed the same test procedures; four, however, required a different run protocol. The details of the run protocols can be found in *Software Write Block Tool Specification & Test Plan Version 3.0.* Three protocols were used to test PDBLOCK Version 2.10: **typical**, **boot**, and **uninstall**.

The **typical** protocol was used for test cases 01–36, the **boot** protocol was used for test cases 37 and 38, and the **uninstall** protocol was used for cases 39 and 40.

7.0 Interpretation of Test Results

The main item of interest for interpreting the test results is determining the tool's conformance to the test assertions. This section lists each test assertion and identifies the information in the log files relevant to conformance. Conformance of each assertion tested by a given test case is evaluated by examining the Commands Executed and Log File Highlights boxes of the test report summary. The Log File Highlights box contains extracts from each of the log files generated for a test case.

7.1 Test Assertion Verification

This section describes where to find the information needed to verify each test assertion in the test case report.

SWB-AM-01. If a drive is protected and a command from the write category is issued for the protected drive, then the tool shall block the command.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log section of the Log File Highlights box lists each command sent to each drive. If the action column contains *Blocked* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AM-02. If a drive is protected and a command from the configuration category is issued for the protected drive, then the tool shall block the command.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log section of the Log File Highlights box lists each command sent to each drive. If the action column contains *Blocked* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AM-03. If a drive is protected and a command from the miscellaneous category is issued for the protected drive, then the tool shall block the command.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log section of the Log File Highlights box lists each command sent to each drive. If the action column contains *Blocked* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AM-04. If a drive is protected and a command from the read category is issued for the protected drive, then the tool shall not block the command.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log section of the Log File Highlights box lists each command sent to

each drive. If the action column contains *Allowed* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AM-05. If a drive is protected and a command from the control category is issued for the protected drive, then the tool shall not block the command.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log section of the Log File Highlights box lists each command sent to each drive. If the action column contains *Allowed* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AM-06. If a drive is protected and a command from the information category is issued for the protected drive, then the tool shall not block the command.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log section of the Log File Highlights box lists each command sent to each drive. If the action column contains *Allowed* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AM-07. If the tool is executed, then the tool shall issue a message indicating that the tool is active.

If the Install PDBLOCK Log indicates that the tool is active, then the test case conforms to the test assertion.

SWB-AM-08. If the tool is executed, then the tool shall issue a message indicating all drives accessible by the covered interfaces.

The Hard Drives Used box lists the hard drives. If the Install PDBLOCK Log section of the Log File Highlights box has an entry for each of the drives and no other entries, the test case conforms to the assertion.

SWB-AM-09. If the tool is executed, then the tool shall issue a message indicating the protection status of each drive attached to a covered interface.

If drive **N** is listed on the PDBLOCK command line and the Install PDBLOCK log reports drive **N** as protected, the test case conforms to the assertion. The string **all** may also be used to indicate all drives are protected.

SWB-AM-10. If the tool is configured to return *success* on blocked commands and the tool blocks a command, then the return code shall indicate successful command execution.

PDBLOCK Version 2.10 was configured to return *success* on blocked commands by default unless the */fail* flag was used on the PDBLOCK command line. The return value of blocked commands is *success* if in the Test Harness Log the value of the Stat column is *0000* and the value of the Cry column is *off*.

SWB-AM-11. If the tool is configured to return *fail* on blocked commands and the tool blocks a command, then the return code shall indicate unsuccessful command execution.

PDBLOCK Version 2.10 was configured to return *fail* on blocked commands if the */fail* flag was used on the PDBLOCK command line. The return value of blocked commands is *fail* if in the Test Harness Log the value of the Stat column is either 0100 or 0300 and the value of the Cry column is *on*.

SWB-AO-01. If a subset of all covered drives is specified for protection, then commands from the write category shall be blocked for drives in the selected subset.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log lists each command sent to each drive. If the action column contains *Blocked* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AO-02. If a subset of all covered drives is specified for protection, then commands from the configuration category shall be blocked for drives in the selected subset.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log lists each command sent to each drive. If the action column contains *Blocked* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AO-03. If a subset of all covered drives is specified for protection, then commands from the miscellaneous category shall be blocked for drives in the selected subset.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log lists each command sent to each drive. If the action column contains *Blocked* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AO-04. If a subset of all covered drives is specified for protection, then commands from the read category shall not be blocked for drives in the selected subset.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log lists each command sent to each drive. If the action column contains *Allowed* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AO-05. If a subset of all covered drives is specified for protection, then commands from the control category shall not be blocked for drives in the selected subset.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log lists each command sent to each drive. If the action column contains *Allowed* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AO-06. If a subset of all covered drives is specified for protection, then commands from the information category shall not be blocked for drives in the selected subset.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log lists each command sent to each drive. If the action column contains *Allowed* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AO-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for drives not in the selected subset.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box; the unprotected drives are not identified. The Test Harness Log lists each command sent to each drive. If the action column contains *Allowed* for each command sent to an unprotected drive, the test case conforms to the assertion.

SWB-AO-08. If the tool is active during the operating system boot and shutdown processes, then no changes are made to any protected drives.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log lists each command sent to each drive. If the action column contains *Blocked* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AO-09. If the tool is active and the tool is then deactivated, then no commands to any drive shall be blocked.

This assertion requires a special test protocol. First, the tool is activated and some write commands are sent and blocked. Then, the tool is deactivated and each command is sent. There are two log files for the tool and two log files for the test harness. The tool is allowed to refuse to deactivate. The tool refuses to deactivate if it has been configured to return *success* for blocked commands because deactivation might allow a buffered write to take place. If the tool is in compliance with the assertion and deactivates successfully, then all commands are allowed to all drives. If the tool does not deactivate, then no change occurs to the protection status of the drives.

A warning message appears in the second instance of the Test Harness Log File. This is normal for test cases SWB–39 and SWB–40. The warning message notes that write commands were allowed to unprotected drives while the tool was active during the first part of the test (before the tool was deactivated).

SWB-AO-10. If the tool blocks a command, then the tool shall issue either an audio or a visual signal.

The signal log in the Log File Highlights box records the test operator's observations of either an audible or visual signal by the tool being tested to indicate a blocked command. If any commands are blocked, a value of *y* indicates that a signal was observed and that the tool conforms to the assertion.

7.2 Test Results Summary Key

A summary of the actual test results is presented in this report (see 8.0 Test Results Summaries). The following table presents a description of each section of the test report summary.

Heading	Description	
First Line	Test case ID and the name and version of the software tested.	
Case Summary	Test case summary from Software Write Block Tool	
	Specification & Test Plan Version 3.0.	
Assertions Tested	Assertions tested by the test case from <i>Software Write Block</i> <i>Tool Specification & Test Plan Version 3.0.</i>	
Tester Name	Name or initials of the person executing the test procedure.	
Test Date	Time and date that the test was started.	
Test PC	Name of the computer used to execute the tool.	
Test Software	Name and version of the test software.	
Hard Drives Used	Description of the hard drives used in the test.	
Commands Executed	Documentation of each command executed during the test.	
	The protected drives are identified on the PDBLOCK command line. PDBLOCK Version 2.10 identifies the drives starting at 0.	
Log File Highlights	Selected entries from the test case log files. Four log files may appear. The log file created for TALLY13 is labeled <i>Monitor Execution</i> . The log files created for PDBLOCK Version 2.10 are labeled <i>Install PDBLOCK Log</i> . The log file created by TEST–HDL is labeled <i>Test Harness Log</i> . The log file created by SIG–LOG is labeled <i>Signal Log</i> .	
	For test cases SWB–39 and SWB–40, there are two separate logs for PDBLOCK Version 2.10 and also for TEST–HDL because these cases require execution of PDBLOCK twice.	
	The monitor execution log file records the program version and the date that the TALLY13 program was executed.	
	The PDBLOCK log files are obtained by output redirection of the execution of PDBLOCK Version 2.10. The log files contain the version of PDBLOCK used, the number of drives identified, and the protection status of each drive.	
	The test harness log is the record of commands sent to PDBLOCK Version 2.10 and the action taken by PDBLOCK to either block or allow each command sent. The format of the file is as follows:	

Heading	Description	
	1. Command line. The command line used to execute	
	TEST–HDL. This line begins with the string CMD.	
	2. Case number.	
	3. Command set. The category of interrupt 0x13 functions	
	tested by this case.	
	4. Date.	
	5. Version. Version information about TEST–HDL and	
	components. The creation date, creation time, and	
	version of each source code component are listed. The	
	compile time and date for the executable program are	
	listed.	
	6. Operator. The operator running the test.7. Host. The host computer running the test.	
	8. Drives. The number of drives and the external drive label	
	for each drive.	
	Items 9 and 10 are repeated for each installed drive.	
	9. List of commands sent. Each line of the list has nine	
	columns: sequence number, test case number, command	
	code in hex (Cmd), drive number in hex (Drv), action	
	taken by PDBLOCK Version 2.10 (either <i>Blocked</i> or	
	Allowed), return status (0000 means success, 0300 or	
	0100 means fail), carry flag value (labeled Cry with	
	values of either on indicating failure status or off	
	indicating success status), count of the number of times	
	the command was allowed by PDBLOCK Version 2.10,	
	and the command name (or undefined for commands in	
	the miscellaneous category).	
	10. Summary of commands for the drive. The message	
	indicates the number of commands blocked out of the	
	number of commands sent.	
	11. The last item is a summary of all the commands sent to	
	all drives: the number of commands sent, the number blocked, and the number allowed (not blocked).	
	blocked, and the number anowed (not blocked).	
	The signal log records the test operator's observations of	
	either an audible or visual signal by the tool being tested to	
	indicate a blocked command. A value of <i>y</i> indicates that the	
	operator observed a signal. A value of <i>n</i> indicates that no	
D L	signal was observed.	
Results	Expected and actual results for each assertion tested.	
Analysis	Whether or not the expected results were achieved.	

8.0 Test Results Summaries

Case SWB-01 PDBlo	ock Version 2.10
Case summary:	SWB-01 Install all drives, configure return code to failure, protect
	all drives, execute write commands.
Assertions Tested:	SWB-AM-01. If a drive is protected and a command from the write category is issued for the protected drive then the tool shall block the command.
	SWB-AM-07. If the tool is executed then the tool shall issue a message indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message indicating all drives accessible by the covered interfaces.SWB-AM-09. If the tool is executed then the tool shall issue a message
	indicating the protection status of each drive attached to a covered interface.
	SWB-AM-11. If the tool is configured to return fail on blocked commands and the tool blocks a command then the return code shall indicate unsuccessful command execution.
	SWB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Mon Aug 16 14:55:48 2004
Test PC:	Max
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\tally13
	A:\pdblock 0123 /fail
	A:\test-hdl SWB-01 Max PEB w 6F F5 E3 E4
	A:\sig-log SWB-01 Max PEB
	Shutdown Test PC
Log File	***** Monitor Execution *****
Highlights:	Monitor BIOS interrupt 13h (disk service)
	tally13 compiled on 07/29/03 at 07:33:17
	@(#) Version 1.1 Created 07/29/03 at 07:28:05
	Now (08/16/04 at 14:55:26) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: ALL
	Return Code: FAILURE
	Bell: ON
	Message: ON
	Drive Mode Length Size (Mb)
	0 LBA 120103200 58644 CHS 16434495 8024
	1 LBA 40188960 19623
	CHS 16434495 8024
	2 LBA 17938985 8759
	CHS 16434495 8024
	3 LBA 17938985 8759
	CHS 16434495 8024
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-01 Max PEB w 6F F5 E3 E4
	Case: SWB-01
	Command set: Write
	Date: Mon Aug 16 14:55:48 2004
	<pre>Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Compiled on Aug 31 2003 at 08:10:54</pre>
	Operator: PEB
	Host: Max
	Number of drives 4, Drives: 6F F5 E3 E4
	Case Cmd Drv Action Stat Cry Count Cmd Name

	ock Version 2	.10	
			WriteSectors
	1 SWB-01	<0B> 80 Blocked 0300 On 0	WriteLong
	2 SWB-01	<43> 80 Blocked 0300 On 0	ExtWrite
		SWB-01 category w on drive 80	
		<03> 81 Blocked 0300 On 0	
	1 SWB-01	<0B> 81 Blocked 0300 On 0	WriteLong
	2 SWB-01	<43> 81 Blocked 0300 On 0	ExtWrite
		SWB-01 category w on drive 81	
	0 SWB-01	<03> 82 Blocked 0300 On 0	WriteSectors
	I SWB-01	<pre><0B> 82 Blocked 0300 On 0 <43> 82 Blocked 0300 On 0</pre>	WriteLong
		SWB-01 category w on drive 82	
		<pre><03> 83 Blocked 0300 On 0</pre>	
	1 SWB-01	<0B> 83 Blocked 0300 On 0	WriteLong
	2 SWB-01	<43> 83 Blocked 0300 On 0	ExtWrite
		SWB-01 category w on drive 83	
		sent, 12 blocked, 0 not block	
	SIGNAL: y	l Log *****	
Results:		- 5	Actual Results
Results:	SIGNAL: y	- 5	
Results:	SIGNAL: y Assertion	Expected Results	
Results:	SIGNAL: y Assertion AM-01	Expected Results All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked
Results:	SIGNAL: y Assertion AM-01 AM-01	Expected Results All cmds to drive 80 blocked All cmds to drive 81 blocked	All cmds to drive 80 blocked All cmds to drive 81 blocked
Results:	SIGNAL: Y Assertion AM-01 AM-01 AM-01	Expected Results All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01 AM-01 AM-01	Expected Results All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01 AM-01 AM-01 AM-03 AM-04 AM-09	Expected Results All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01 AM-01 AM-01 AM-01 AM-01 AM-03 AM-04	Expected Results All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01 AM-01 AM-01 AM-03 AM-04 AM-09	Expected Results All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01 AM-01 AM-01 AM-01 AM-09 AM-09 AM-09 AM-09	Expected Results All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01 AM-01 AM-01 AM-01 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09	Expected Results All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected 12 Commands return fail	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected 12 Commands return fail
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01 AM-01 AM-01 AM-09 AM-01	Expected Results All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected

Case SWB-02 PDBlock Version 2.10

	ock Version 2.10
Case summary:	SWB-02 Install two drives, configure return code to success, protect
	all drives, execute write commands.
Assertions	SWB-AM-01. If a drive is protected and a command from the write
Tested:	category is issued for the protected drive then the tool shall
	block the command.
	SWB-AM-07. If the tool is executed then the tool shall issue a message
	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message
	indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message
	indicating the protection status of each drive attached to a
	covered interface.
	SWB-AM-10. If the tool is configured to return success on blocked
	commands and the tool blocks a command then the return code shall
	indicate successful command execution.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
	either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Fri Aug 06 15:28:44 2004
Test PC:	Max
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors
Used:	Drive 81, label 2B is a Quantum QM39100TD-SCA Drive with 17783249
	sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\tally13
	A:\pdblock 01
	A:\test-hdl SWB-02 Max PEB w 64 2B
	A:\sig-log SWB-02 Max PEB
	Shutdown Test PC
Log File	***** Monitor Execution *****

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Case SWB-02 PDBl	ock Version 2	.10	
Highlights:		S interrupt 13h (disk service)	
	tally13 com	mpiled on 07/29/03 at 07:33:17	
	@(#) Version	n 1.1 Created 07/29/03 at 07:28	3:05
	Now (08/06/	04 at 15:28:15) Going TS	SR
		ll PDB Log *****	
		sion 2.10: (P)hysical (D)isk Wi	rite (BLOCK)er
	Drives Prot		
	Return Code		
	Bell:	ON	
	Message:	ON	
	Drive Mod	-	
	0 LB	1	
	CH		
	1 LB		
		S 16434495 8024	
		Harness Log *****	
		I-HDL.EXE SWB-02 Max PEB w 64 2	2B
	Case: SWB-0		
	Command set		
	Date. Fri A	ug 06 15:28:44 2004	
	Comp Operator: PI Host: Max Number of d: Case 0 SWB-02 2 SWB-02 Results for 0 SWB-02 1 SWB-02 2 SWB-02 2 SWB-02 2 SWB-02 Results for Summary: 6 s	rives 2, Drives: 64 2B Cmd Drv Action Stat Cry Count <03> 80 Blocked 0000 Off 0 <0B> 80 Blocked 0000 Off 0 <43> 80 Blocked 0000 Off 0 SWB-02 category w on drive 80 <03> 81 Blocked 0000 Off 0 <43> 81 Blocked 0000 Off 0 <43> 81 Blocked 0000 Off 0 SWB-02 category w on drive 81 sent, 6 blocked, 0 not blocked	4 Cmd Name WriteSectors WriteLong ExtWrite All commands blocked (3 of 3) WriteSectors WriteLong ExtWrite All commands blocked (3 of 3)
- 1.	SIGNAL: y		
Results:	Assertion	-	Actual Results
	AM-01	All cmds to drive 80 blocked	All cmds to drive 80 blocked
	AM-01	All cmds to drive 81 blocked	All cmds to drive 81 blocked
	AM-07	Tool active message	Tool active message
	AM-08	2 drives identified	2 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-10	6 Commands return success	6 Commands return success
Analysis:	AM-10 AO-10		

Case SWB-03 PDBlc	lock Version 2.10		
Case summary:	SWB-03 Install one drive, configure return code to failure, protect all		
	drives, execute configuration commands.		
Assertions	SWB-AM-02. If a drive is protected and a command from the configuration		
Tested:	category is issued for the protected drive then the tool shall		
	block the command.		
	SWB-AM-07. If the tool is executed then the tool shall issue a message		
	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands		
	and the tool blocks a command then the return code shall indicate		
	unsuccessful command execution.		

Case SWB-03 PDB1	ock Version 2	.10	
		If the tool blocks a command t an audio or a visual signal.	hen the tool shall issue
Tester Name:	PEB		
Test Date:	Tue Aug 10	14:33:35 2004	
Test PC:	McMillan		
Test Software:	SWBT 1.0		
Hard Drives Used:	Drive 80, 1	abel 6F is a Maxtor 6Y060L0 wi	th 120103200 sectors
Commands executed:	Boot Test P A:\tally13	C to (DOS 7.1) Windows 98 [Ver	sion 4.10.2222]
	A:\pdblock A:\test-hdl	0 /fail SWB-03 McMillan PEB x 6F	
		SWB-03 McMillan PEB	
Log File		or Execution *****	
Highlights:	Monitor BIO tally13 co @(#) Versio	S interrupt 13h (disk service) mpiled on 07/29/03 at 07:33:17 n 1.1 Created 07/29/03 at 07:2	8:05
	***** Insta	04 at 14:33:06) Going T 11 PDB Log ***** sion 2.10: (P)hysical (D)isk W	
	Drives Prot		LICC (DHOCK/CI
	Return Code		
	Bell:	ON	
	Message:	ON	
	Drive Mod		
	0 LB	A 120103200 58644	
	CHS 16434495 8024		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-03 McMillan PEB x 6F		
	Case: SWB-03		
	Command set	: Configure	
	Date: Tue A	ug 10 14:33:35 2004	
	@(#) Comy Operator: P Host: McMil Number of d Case 0 SWB-03 1 SWB-03 2 SWB-03 3 SWB-03 4 SWB-03 5 SWB-03 6 SWB-03 7 SWB-03 8 SWB-03 Results for	lan rives 1, Drives: 6F Cmd Drv Action Stat Cry Count <05> 80 Blocked 0300 On 0 <06> 80 Blocked 0300 On 0 <07> 80 Blocked 0300 On 0 <09> 80 Blocked 0300 On 0 <0E> 80 Blocked 0300 On 0 <12> 80 Blocked 0300 On 0 <13> 80 Blocked 0300 On 0	Cmd Name FormatTrack FormatBadSectors FormatCyl InitDriveParms DiagnosticESDI DiagnosticESDI DiagnosticCTL All commands blocked (9 of 9)
	***** Signa SIGNAL: y	l Log *****	
Results:	Assertion	Expected Results	Actual Results
	AM-02	All cmds to drive 80 blocked	All cmds to drive 80 blocked
	AM-07	Tool active message	Tool active message
	AM-08	1 drives identified	1 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-11	9 Commands return fail	9 Commands return fail
	AO-10	Signal observed	Signal observed

Case SWB-04 PDBlock Version 2.10		
Case summary:	SWB-04 Install all drives, configure return code to success, protect	
	all drives, execute configuration commands.	

Case SWB-04 PDBlo	ock Version 2.10		
Assertions	SWB-AM-02. If a drive is protected and a command from the configuration		
Tested:	category is issued for the protected drive then the tool shall		
	block the command. SWB-AM-07. If the tool is executed then the tool shall issue a message		
	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface. SWB-AM-10. If the tool is configured to return success on blocked		
	commands and the tool blocks a command then the return code shall		
	indicate successful command execution.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date: Test PC:	Tue Aug 17 12:14:28 2004 Max		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors		
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors		
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13 A:\pdblock 0123		
	A:\pdDiock 0123 A:\test-hdl SWB-04 Max PEB x F5 F6 E3 E4		
	A:\sig-log SWB-04 Max PEB		
	Shutdown Test PC		
Log File	***** Monitor Execution *****		
Highlights:	Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/17/04 at 12:14:07) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: ALL Return Code: SUCCESS		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 40188960 19623		
	CHS 16434495 8024 1 LBA 40188960 19623		
	CHS 16434495 8024		
	2 LBA 17938985 8759		
	CHS 16434495 8024		
	3 LBA 17938985 8759		
	CHS 16434495 8024		
	***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-04 Max PEB x F5 F6 E3 E4		
	CMD: A:\TEST-HDL.EXE SWB-04 Max PEB X F5 F6 E3 E4 Case: SWB-04		
	Command set: Configure		
	Date: Tue Aug 17 12:14:28 2004		
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51		
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54		
	Operator: PEB		
	Host: Max		
	Number of drives 4, Drives: F5 F6 E3 E4		
	Case Cmd Drv Action Stat Cry Count Cmd Name		
	Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-04 <05> 80 Blocked 0000 Off 0 FormatTrack		
	Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-04 <05> 80 Blocked 0000 Off 0 FormatTrack 1 SWB-04 <06> 80 Blocked 0000 Off 0 FormatBadSectors		
	Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-04 <05> 80 Blocked 0000 Off 0 FormatTrack 1 SWB-04 <06> 80 Blocked 0000 Off 0 FormatBadSectors 2 SWB-04 <07> 80 Blocked 0000 Off 0 FormatCyl		
	CaseCmd Drv ActionStat Cry Count Cmd Name0SWB-04 <05> 80Blocked 0000 Off0FormatTrack1SWB-04 <06> 80Blocked 0000 Off0FormatBadSectors2SWB-04 <07> 80Blocked 0000 Off0FormatCyl3SWB-04 <09> 80Blocked 0000 Off0InitDriveParms		
	Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-04 <05> 80 Blocked 0000 Off 0 FormatTrack 1 SWB-04 <06> 80 Blocked 0000 Off 0 FormatBadSectors 2 SWB-04 <07> 80 Blocked 0000 Off 0 FormatCyl		

Case SWB-04	PDBlock Version 2	.10	
		<13> 80 Blocked 0000 Off 0	DiagnosticDrive
	8 SWB-04	<14> 80 Blocked 0000 Off 0	DiagnosticCTL
		SWB-04 category x on drive 80	All commands blocked (9 of 9)
		<05> 81 Blocked 0000 Off 0	FormatTrack
		<06> 81 Blocked 0000 Off 0	FormatBadSectors
		<07> 81 Blocked 0000 Off 0	FormatCyl
		<09> 81 Blocked 0000 Off 0	InitDriveParms
		<0E> 81 Blocked 0000 Off 0	DiagnosticESDI
		<0F> 81 Blocked 0000 Off 0	DiagnosticESDI
		<12> 81 Blocked 0000 Off 0	DiagnosticRAM
		<13> 81 Blocked 0000 Off 0	DiagnosticDrive
		<14> 81 Blocked 0000 Off 0	DiagnosticCTL
		SWB-04 category x on drive 81	
		<05> 82 Blocked 0000 Off 0	FormatTrack
		<06> 82 Blocked 0000 Off 0	FormatBadSectors
		<07> 82 Blocked 0000 Off 0 <09> 82 Blocked 0000 Off 0	FormatCyl
		<09> 82 Blocked 0000 Off 0 <0E> 82 Blocked 0000 Off 0	InitDriveParms
		<pre><0E> 82 Blocked 0000 011 0 <0F> 82 Blocked 0000 0ff 0</pre>	DiagnosticESDI DiagnosticESDI
		<12> 82 Blocked 0000 Off 0	DiagnosticRAM
		<13> 82 Blocked 0000 Off 0	DiagnosticDrive
		<14> 82 Blocked 0000 Off 0	DiagnosticCTL
		SWB-04 category x on drive 82	-
		<pre><05> 83 Blocked 0000 Off 0</pre>	FormatTrack
		<06> 83 Blocked 0000 Off 0	FormatBadSectors
		<07> 83 Blocked 0000 Off 0	
		<09> 83 Blocked 0000 Off 0	InitDriveParms
		<0E> 83 Blocked 0000 Off 0	DiagnosticESDI
		<pre><0F> 83 Blocked 0000 Off 0</pre>	
		<12> 83 Blocked 0000 Off 0	-
	7 SWB-04	<13> 83 Blocked 0000 Off 0	-
	8 SWB-04	<14> 83 Blocked 0000 Off 0	DiagnosticCTL
		SWB-04 category x on drive 83	All commands blocked (9 of 9)
		sent, 36 blocked, 0 not blocke	
	***** Signa SIGNAL: y	l Log *****	
esults:	Assertion	Expected Results	Actual Results
	AM-02	All cmds to drive 80 blocked	All cmds to drive 80 blocked
		All cmds to drive 81 blocked	All cmds to drive 81 blocked
	AM-02		
	AM-02 AM-02	All cmds to drive 82 blocked	All cmds to drive 82 blocked
		All cmds to drive 82 blocked All cmds to drive 83 blocked	
	AM-02 AM-02	All cmds to drive 83 blocked	All cmds to drive 83 blocked
	AM-02 AM-02 AM-07	All cmds to drive 83 blocked Tool active message	All cmds to drive 83 blocked Tool active message
	AM-02 AM-02 AM-07 AM-08	All cmds to drive 83 blocked Tool active message 4 drives identified	All cmds to drive 83 blocked Tool active message 4 drives identified
	AM-02 AM-02 AM-07 AM-08 AM-09	All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected	All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected
	AM-02 AM-02 AM-07 AM-08 AM-09 AM-09	All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected	All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected
	AM-02 AM-02 AM-07 AM-08 AM-09 AM-09 AM-09	All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected	All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected
	AM-02 AM-02 AM-07 AM-08 AM-09 AM-09 AM-09 AM-09	All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected	All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected
	AM-02 AM-02 AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-10	All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected 36 Commands return success	All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected 36 Commands return success
nalysis:	AM-02 AM-02 AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-010	All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected	4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected

Case SWB-05 PDBlo	ock Version 2.10		
Case summary:	SWB-05 Install two drives, configure return code to failure, protect		
	all drives, execute miscellaneous commands.		
Assertions	SWB-AM-03. If a drive is protected and a command from the miscellaneous		
Tested:	category is issued for the protected drive then the tool shall		
	block the command.		
	SWB-AM-07. If the tool is executed then the tool shall issue a message		
	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands		
	and the tool blocks a command then the return code shall indicate		

Case SWB-05 PDBlo	ock Version 2.10
	unsuccessful command execution.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
Tester Name:	either an audio or a visual signal. PEB
Test Date:	Fri Aug 06 15:42:00 2004
Test PC:	Max
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors
Used:	Drive 81, label 2B is a Quantum QM39100TD-SCA Drive with 17783249 sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\tally13
	A:\pdblock 01 /fail
	A:\test-hdl SWB-05 Max PEB m 64 2B
	A:\sig-log SWB-05 Max PEB
T	Shutdown Test PC
Log File Highlights:	***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service)
nightights.	tally13 compiled on 07/29/03 at 07:33:17
	@(#) Version 1.1 Created 07/29/03 at 07:28:05
	Now (08/06/04 at 15:41:30) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 0,1
	Return Code: FAILURE
	Bell: ON
	Message: ON
	Drive Mode Length Size (Mb)
	0 LBA 12594960 6149 CHS 12578895 6142
	CHS 12578895 6142 1 LBA 17783249 8683
	CHS 16434495 8024
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-05 Max PEB m 64 2B
	Case: SWB-05
	Command set: Misc
	Date: Fri Aug 06 15:42:00 2004
	<pre>Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB</pre>
	Host: Max
	Number of drives 2, Drives: 64 2B Case Cmd Drv Action Stat Cry Count Cmd Name O SWB-05 <16> 80 Allowed 0000 Off 1 Undefined
	misc commands 17-FD results omitted see log files for full results
	226 SWB-05 <fe> 80 Allowed 0000 Off 1 Undefined 227 SWB-05 <ff> 80 Allowed 0000 Off 1 Undefined Results for SWB-05 category m on drive 80 Not all commands blocked (3 of 228)</ff></fe>
	0 SWB-05 <16> 81 Allowed 0000 Off 1 Undefined
	misc commands 17-FD results omitted
	see log files for full results
	226 SWB-05 <fe> 81 Allowed 0000 Off 1 Undefined 227 SWB-05 <ff> 81 Allowed 0000 Off 1 Undefined</ff></fe>

Case SWB-05 PDBl	ock Version 2	.10	
	of 228) Summary: 45 ***** Signa	6 sent, 6 blocked, 450 not bl	31 Not all commands blocked (3 Locked
Results:	SIGNAL: y Assertion	Expected Results	Actual Results
	AM-03	All cmds to drive 80 blocked	Not all cmds to drive 80 blocked
	AM-03	All cmds to drive 81 blocked	Not all cmds to drive 81 blocked
	AM-07	Tool active message	Tool active message
	AM-08	2 drives identified	2 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-11	6 Commands return fail	6 Commands return fail
	AO-10	Signal observed	Signal observed
Analysis:	SWB-05 Expected results not achieved for assertions: AM-03		

Case SWB-06 PDBlock Version 2.10			
Case summary:	SWB-06 Install one drive, configure return code to success, protect all		
	drives, execute miscellaneous commands.		
Assertions	SWB-AM-03. If a drive is protected and a command from the miscellaneous		
Tested:	category is issued for the protected drive then the tool shall		
	block the command.		
	SWB-AM-07. If the tool is executed then the tool shall issue a message		
	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-10. If the tool is configured to return success on blocked		
	commands and the tool blocks a command then the return code shall		
	indicate successful command execution.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Aug 06 16:01:01 2004		
Test PC:	McMillan		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors		
Used:			
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 0		
	A:\test-hdl SWB-06 McMillan PEB m 6F		
	A:\sig-log SWB-06 McMillan PEB		
	Shutdown Test PC		
Log File	***** Monitor Execution *****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/06/04 at 16:00:32) Going TSR		
	***** Install PDB Log ****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 0		
	Return Code: SUCCESS		
	Bell: ON Message: ON		
	Drive Mode Length Size (Mb) 0 LBA 120103200 58644		
	0 LBA 120103200 58644 CHS 16434495 8024		
	CHS 10434495 8024 ***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-06 McMillan PEB m 6F		
	CASE: SWB-06		
	Command set: Misc		

Case SWB-06 PDBlock Version 2.10			
	Date: Fri Aug 06 16:01:01 2004		
	@(#) Comp Operator: P Host: McMil Number of d: Case (ed 08/31/03 at 08:18:19 :54 nt Cmd Name
	mi	sc commands 17-FD results omi	tted
	GA	e log files for full results	
	226 SWB-06 <fe> 80 Allowed 0000 Off 1 Undefined 227 SWB-06 <ff> 80 Allowed 0000 Off 1 Undefined Results for SWB-06 category m on drive 80 Not all commands blocked (3 of 228) Summary: 228 sent, 3 blocked, 225 not blocked</ff></fe>		
	***** Signal Log ***** SIGNAL: y		
Results:	Assertion	Expected Results	Actual Results
	AM-03	All cmds to drive 80	Not all cmds to drive 80
		blocked	blocked
	AM-07	Tool active message	Tool active message
	AM-08	1 drives identified	1 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-10	3 Commands return success	2 Commands return success
	AO-10	Signal observed	Signal observed
Analysis:	SWB-06 Expe	cted results not achieved for	assertions: AM-03 AM-10

Case SWB-07 PDBl	ock Version 2.10		
Case summary:	SWB-07 Install all drives, configure return code to failure, protect		
	all drives, execute read commands.		
Assertions	SWB-AM-04. If a drive is protected and a command from the read category		
Tested:	is issued for the protected drive then the tool shall not block the command.		
	SWB-AM-07. If the tool is executed then the tool shall issue a message indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message indicating the protection status of each drive attached to a covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands and the tool blocks a command then the return code shall indicate unsuccessful command execution.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Mon Aug 16 15:03:34 2004		
Test PC:	Max		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors		
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors		
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 0123 /fail		
	A:\test-hdl SWB-07 Max PEB r 6F F5 E3 E4		
	A:\sig-log SWB-07 Max PEB		

	Slock Version 2 Shutdown Te		
Log File	***** Monitor Execution *****		
Aighlights:		S interrupt 13h (disk service)	
	tally13 co	mpiled on 07/29/03 at 07:33:15	7
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/16/04 at 15:03:13) Going TSR		
	***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
			Write (BLOCK)er
	Drives Prot		
	Return Code	: FAILURE	
	Bell:	ON	
	Message:	ON	
	Drive Mod		
		A 120103200 58644	
	CH	S 16434495 8024	
	1 LB	A 40188960 19623	
	СН	S 16434495 8024	
		A 17938985 8759	
		S 16434495 8024	
	3 LB	A 17938985 8759	
	CH	S 16434495 8024	
	***** Test	Harness Log ****	
		T-HDL.EXE SWB-07 Max PEB r 6F	F5 E3 E4
	Case: SWB-0		
	Command set		
	Date: Mon A	ug 16 15:03:34 2004	
	Version: @(#) test-hdl.cpp Version 1.1 Cm	reated 08/23/03 at 10:13:51
		wb-defs.h Version 1.2 Create	
		piled on Aug 31 2003 at 08:10:	
	-	-	54
	Operator: P	EB	
	Host: Max		
	Number of d	rives 4, Drives: 6F F5 E3 E4	
			- Cmd Name
	Case Cmd Drv Action Stat Cry Count Cmd Name		
	0 SWB-07 <02> 80 Allowed 0000 Off 1 ReadSectors		
		<oa> 80 Allowed 0000 Off</oa>	-
	2 SWB-07	<42> 80 Allowed 0000 Off	l ExtRead
	Results for	SWB-07 category r on drive 80) No commands blocked (0 of 3)
			l ReadSectors
			l ReadLong
	2 SWB-07	<42> 81 Allowed 0000 Off 1	l ExtRead
	Results for	SWB-07 category r on drive 81	l No commands blocked (0 of 3)
	0 SWB-07	<02> 82 Allowed 0000 Off	l ReadSectors
			l ReadLong
			-
			l ExtRead
	Results for	SWB-07 category r on drive 82	2 No commands blocked (0 of 3)
	0 SWB-07	<02> 83 Allowed 0000 Off 1	l ReadSectors
			l ReadLong
		<42> 83 Allowed 0000 Off	3
			3 No commands blocked (0 of 3)
	Summary: 12	sent, 0 blocked, 12 not block	red
	***** Signa] I.og ****	
	SIGNAL: n		
esults:	Assertion	Expected Results	Actual Results
	AM-04	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AM-04	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AM-04	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	741-1 0 1	No cmds to drive 83 blocked	No cmds to drive 83 blocked
	AM-04	10 cliab co arrive ob brochea	
	AM-04		
	AM-04 AM-07	Tool active message	Tool active message
	AM-04		
	AM-04 AM-07	Tool active message	Tool active message
	AM-04 AM-07 AM-08 AM-09	Tool active message 4 drives identified Drive 80 is protected	Tool active message 4 drives identified Drive 80 is protected
	AM-04 AM-07 AM-08 AM-09 AM-09	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected
	AM-04 AM-07 AM-08 AM-09 AM-09 AM-09	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected
	AM-04 AM-07 AM-08 AM-09 AM-09	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected
	AM-04 AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected
	AM-04 AM-07 AM-08 AM-09 AM-09 AM-09	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected

Case SWB-08 PDB	lock Version 2.10
Case summary:	SWB-08 Install two drives, configure return code to success, protect all drives, execute read commands.
Assertions Tested:	SWB-AM-04. If a drive is protected and a command from the read category is issued for the protected drive then the tool shall not block the
	command. SWB-AM-07. If the tool is executed then the tool shall issue a message indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message indicating the protection status of each drive attached to a
	covered interface. SWB-AM-10. If the tool is configured to return success on blocked
	commands and the tool blocks a command then the return code shall indicate successful command execution.
	SWB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Fri Aug 06 15:51:51 2004
Test PC:	Max
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors
Used:	Drive 81, label 2B is a Quantum QM39100TD-SCA Drive with 17783249 sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\tally13
	A:\pdblock 01
	A:\test-hdl SWB-08 Max PEB r 64 2B
	A:\sig-log SWB-08 Max PEB
	Shutdown Test PC
Log File	***** Monitor Execution *****
Highlights:	Monitor BIOS interrupt 13h (disk service)
	tally13 compiled on 07/29/03 at 07:33:17
	@(#) Version 1.1 Created 07/29/03 at 07:28:05
	Now (08/06/04 at 15:51:21) Going TSR
	***** Install PDB Log ****
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 0,1
	Return Code: SUCCESS
	Bell: ON
	Message: ON
	Drive Mode Length Size (Mb)
	0 LBA 12594960 6149
	CHS 12578895 6142
	1 LBA 17783249 8683
	CHS 16434495 8024
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-08 Max PEB r 64 2B
	Case: SWB-08
	Command set: Read
	Date: Fri Aug 06 15:51:51 2004
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19
	Compiled on Aug 31 2003 at 08:10:54
	Operator: PEB
	Host: Max
	Number of drives 2, Drives: 64 2B
	Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-08 <02> 80 Allowed 0000 Off 1 ReadSectors
	1 SWB-08 <0A> 80 Allowed 0000 Off 1 ReadLong
	2 SWB-08 <42> 80 Allowed 0000 Off 1 ExtRead
	Results for SWB-08 category r on drive 80 No commands blocked (0 of 3)
	0 SWB-08 <02> 81 Allowed 0000 Off 1 ReadSectors
	1 SWB-08 <0A> 81 Allowed 0000 Off 1 ReadLong
	2 SWB-08 <42> 81 Allowed 0000 Off 1 ExtRead
	Results for SWB-08 category r on drive 81 No commands blocked (0 of 3) Summary: 6 sent, 0 blocked, 6 not blocked

Case SWB-08 PDBlock Version 2.10			
	***** Signal Log *****		
	SIGNAL: n		
Results:	Assertion	Expected Results	Actual Results
	AM-04	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AM-04	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AM-07	Tool active message	Tool active message
	AM-08	2 drives identified	2 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-10	0 Commands return success	0 Commands return success
	AO-10	No signal observed	No signal observed
Analysis:	SWB-08 Expected results achieved		

Case SWB-09 PDBlo	ock Version 2.10		
Case summary: SWB-09 Install one drive, configure return code to failure, protect			
	drives, execute information commands.		
Assertions	SWB-AM-06. If a drive is protected and a command from the information		
Tested:	category is issued for the protected drive then the tool shall not		
	block the command.		
	SWB-AM-07. If the tool is executed then the tool shall issue a message		
	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands		
	and the tool blocks a command then the return code shall indicate unsuccessful command execution.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Aug 06 16:26:36 2004		
Test PC:	McMillan		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors		
Used:			
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 0 /fail		
	A:\test-hdl SWB-09 McMillan PEB i 6F		
	A:\sig-log SWB-09 McMillan PEB		
	Shutdown Test PC		
Log File	***** Monitor Execution *****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/06/04 at 16:26:07) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 0		
	Return Code: FAILURE Bell: ON		
	Message: ON Drive Mode Length Size (Mb)		
	0 LBA 120103200 58644		
	CHS 16434495 8024		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-09 McMillan PEB i 6F		
	Case: SWB-09		
	Command set: Information		
	Date: Fri Aug 06 16:26:36 2004		
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51		
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19		
	Compiled on Aug 31 2003 at 08:10:54		

Case SWB-09 PDBlo	ock Version 2	.10	
Case Swb-09 PDB10	Operator: P Host: McMil Number of d: Case 0 SWB-09 1 SWB-09 2 SWB-09 3 SWB-09 4 SWB-09 5 SWB-09 5 SWB-09 7 SWB-09 7 SWB-09 Results for	EB lan rives 1, Drives: 6F Cmd Drv Action Stat Cry Count <01> 80 Allowed 0000 Off <04> 80 Allowed 0000 Off <10> 80 Allowed 0000 Off <15> 80 Allowed 0000 Off <41> 80 Allowed 0000 Off	L GetLastStatus VerifySectors ReadDriveParms TestDriveReady ReadDriveType CheckForExtensions VerifySectors GetDriveParms No commands blocked (0 of 8)
	***** Signa SIGNAL: n	l Log *****	
Results:	Assertion	Expected Results	Actual Results
	AM-06	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AM-07	Tool active message	Tool active message
	AM-08	1 drives identified	1 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-11	0 Commands return fail	0 Commands return fail
	AO-10	No signal observed	No signal observed
Analysis:	SWB-09 Expe	cted results achieved	

Case SWB-10 PDBlc	ock Version 2.10
Case summary:	SWB-10 Install all drives, configure return code to success, protect
	all drives, execute information commands.
Assertions	SWB-AM-06. If a drive is protected and a command from the information
Tested:	category is issued for the protected drive then the tool shall not
	block the command.
	SWB-AM-07. If the tool is executed then the tool shall issue a message
	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message
	indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message
	indicating the protection status of each drive attached to a
	covered interface.
	SWB-AM-10. If the tool is configured to return success on blocked
	commands and the tool blocks a command then the return code shall
	indicate successful command execution.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
	either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Mon Aug 16 15:08:06 2004
Test PC:	Max
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\tally13
	A:\pdblock 0123
	A:\test-hdl SWB-10 Max PEB i 6F F5 E3 E4
	A:\sig-log SWB-10 Max PEB
	Shutdown Test PC
Log File	***** Monitor Execution ****
Highlights:	Monitor BIOS interrupt 13h (disk service)
	tally13 compiled on 07/29/03 at 07:33:17
	@(#) Version 1.1 Created 07/29/03 at 07:28:05
	Now (08/16/04 at 15:07:44) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: ALL
	Return Code: SUCCESS

Case SWB-10 PDBlo	ock Version 2.10
	Bell: ON
	Message: ON
	Drive Mode Length Size (Mb)
	0 LBA 120103200 58644
	CHS 16434495 8024
	1 LBA 40188960 19623
	CHS 16434495 8024
	2 LBA 17938985 8759
	CHS 16434495 8024
	3 LBA 17938985 8759
	CHS 16434495 8024
	**** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-10 Max PEB i 6F F5 E3 E4
	Case: SWB-10
	Command set: Information
	Date: Mon Aug 16 15:08:06 2004
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19
	Compiled on Aug 31 2003 at 08:10:54
	Operator: PEB
	Host: Max
	Number of drives 4, Drives: 6F F5 E3 E4
	Case Cmd Drv Action Stat Cry Count Cmd Name
	0 SWB-10 <01> 80 Allowed 0000 Off 1 GetLastStatus
	1 SWB-10 <04> 80 Allowed 0000 Off 1 VerifySectors
	2 SWB-10 <08> 80 Allowed 0000 Off 1 ReadDriveParms
	3 SWB-10 <10> 80 Allowed 0000 Off 1 TestDriveReady
	4 SWB-10 <15> 80 Allowed 0000 Off 1 ReadDriveType
	5 SWB-10 <41> 80 Allowed 0000 Off 1 CheckForExtensions
	6 SWB-10 <44> 80 Allowed 0000 Off 1 VerifySectors
	7 SWB-10 <48> 80 Allowed 0000 Off 1 GetDriveParms
	Results for SWB-10 category i on drive 80 No commands blocked (0 of 8)
	0 SWB-10 <01> 81 Allowed 0000 Off 1 GetLastStatus
	1 SWB-10 <04> 81 Allowed 0000 Off 1 VerifySectors
	2 SWB-10 <08> 81 Allowed 0000 Off 1 ReadDriveParms 3 SWB-10 <10> 81 Allowed 0000 Off 1 TestDriveReady
	-
	4 SWB-10 <15> 81 Allowed 0000 Off 1 ReadDriveType 5 SWB-10 <41> 81 Allowed 0000 Off 1 CheckForExtensions
	6 SWB-10 <44> 81 Allowed 0000 Off 1 VerifySectors
	7 SWB-10 <48> 81 Allowed 0000 Off 1 GetDriveParms
	Results for SWB-10 category i on drive 81 No commands blocked (0 of 8)
	0 SWB-10 <01> 82 Allowed 0000 Off 1 GetLastStatus
	1 SWB-10 <04> 82 Allowed 0000 Off 1 VerifySectors
	2 SWB-10 <08> 82 Allowed 0000 Off 1 ReadDriveParms
	3 SWB-10 <10> 82 Allowed 0000 Off 1 TestDriveReady
	4 SWB-10 <15> 82 Allowed 0000 Off 1 ReadDriveReady
	5 SWB-10 <41> 82 Allowed 0000 Off 1 CheckForExtensions
	6 SWB-10 <44> 82 Allowed 0000 Off 1 VerifySectors
	7 SWB-10 <48> 82 Allowed 0000 Off 1 GetDriveParms
	Results for SWB-10 category i on drive 82 No commands blocked (0 of 8)
	0 SWB-10 <01> 83 Allowed 0000 Off 1 GetLastStatus
	1 SWB-10 <04> 83 Allowed 0000 Off 1 VerifySectors
	2 SWB-10 <08> 83 Allowed 0000 Off 1 ReadDriveParms
	3 SWB-10 <10> 83 Allowed 0000 Off 1 TestDriveReady
	4 SWB-10 <15> 83 Allowed 0000 Off 1 ReadDriveType
	5 SWB-10 <41> 83 Allowed 0000 Off 1 CheckForExtensions
	6 SWB-10 <44> 83 Allowed 0000 Off 1 VerifySectors
	7 SWB-10 <48> 83 Allowed 0000 Off 1 GetDriveParms
	Results for SWB-10 category i on drive 83 No commands blocked (0 of 8)
	Summary: 32 sent, 0 blocked, 32 not blocked
	· · · · · · · · · · · · · · · · · · ·
	***** Signal Log *****
	SIGNAL: n
Regulta:	Assertion Expected Results Actual Possilta
Results:	Assertion Expected Results Actual Results
Results:	AM-06 No cmds to drive 80 blocked No cmds to drive 80 blocked
Results:	

Case SWB-10 PDBlock Version 2.10			
	AM-06	No cmds to drive 83 blocked	No cmds to drive 83 blocked
	AM-07	Tool active message	Tool active message
	AM-08	4 drives identified	4 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-09	Drive 82 is protected	Drive 82 is protected
	AM-09	Drive 83 is protected	Drive 83 is protected
	AM-10	0 Commands return success	0 Commands return success
	AO-10	No signal observed	No signal observed
Analysis:	SWB-10 Expected results achieved		

Case SWB-11 PDB1	ock Version 2.10
Case summary:	SWB-11 Install two drives, configure return code to failure, protect
	all drives, execute control commands.
Assertions Tested:	SWB-AM-05. If a drive is protected and a command from the control category is issued for the protected drive then the tool shall not block the command.
	SWB-AM-07. If the tool is executed then the tool shall issue a message
	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message indicating all drives accessible by the covered interfaces. SWB-AM-09. If the tool is executed then the tool shall issue a message indicating the protection status of each drive attached to a
	covered interface. SWB-AM-11. If the tool is configured to return fail on blocked commands
	and the tool blocks a command then the return code shall indicate unsuccessful command execution. SWB-AO-10. If the tool blocks a command then the tool shall issue
	either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Fri Aug 06 16:04:53 2004
Test PC:	Max
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors
Used:	Drive 81, label 2B is a Quantum QM39100TD-SCA Drive with 17783249 sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\tally13
	A:\pdblock 01 /fail
	A:\test-hdl SWB-11 Max PEB c 64 2B
	A:\sig-log SWB-11 Max PEB
T	Shutdown Test PC
Log File	***** Monitor Execution *****
Highlights:	Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17
	@(#) Version 1.1 Created 07/29/03 at 07:28:05
	Now (08/06/04 at 16:04:23) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 0,1
	Return Code: FAILURE Bell: ON
	Message: ON
	Drive Mode Length Size (Mb)
	0 LBA 12594960 6149
	CHS 12578895 6142
	1 LBA 17783249 8683
	CHS 16434495 8024
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-11 Max PEB c 64 2B
	Case: SWB-11
	Command set: Control
	Date: Fri Aug 06 16:04:53 2004
	<pre>Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54</pre>
	Operator: PEB

Case SWB-11 PDBlo	ock Version 2	.10	
	Host: Max		
	Number of d	rives 2, Drives: 64 2B	
	Case	Cmd Drv Action Stat Cry Count	Cmd Name
			Reset
		<oc> 80 Allowed 0000 Off</oc>	
		<0D> 80 Allowed 0000 Off	
		<11> 80 Allowed 0000 Off	
			ExtendedSeek
		3 1) No commands blocked (0 of 5)
			Reset
		<oc> 81 Allowed 0000 Off</oc>	
	2 SWB-11	<od> 81 Allowed 0000 Off</od>	AltReset
		<11> 81 Allowed 0000 Off	
		<47> 81 Allowed 0000 Off	
			No commands blocked (0 of 5)
	Summary: 10	sent, 0 blocked, 10 not block	ced
	***** Signa] I.aa ****	
	SIGNAL: n	1 109	
Results:	Assertion	Expected Results	Actual Results
	AM-05	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AM-05	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AM-07	Tool active message	Tool active message
	AM-08	2 drives identified	2 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-11	0 Commands return fail	0 Commands return fail
	AO-10	No signal observed	No signal observed
Analysis:	SWB-11 Expe	cted results achieved	

Coco cummona:	CMD 10 Install one drive configure return code to success success all		
Case summary:	SWB-12 Install one drive, configure return code to success, protect all		
	drives, execute control commands.		
Assertions	SWB-AM-05. If a drive is protected and a command from the control		
Tested:	category is issued for the protected drive then the tool shall not block the command.		
	SWB-AM-07. If the tool is executed then the tool shall issue a message indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	<pre>indicating all drives accessible by the covered interfaces. SWB-AM-09. If the tool is executed then the tool shall issue a message indicating the protection status of each drive attached to a covered interface.</pre>		
	SWB-AM-10. If the tool is configured to return success on blocked commands and the tool blocks a command then the return code shall indicate successful command execution.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal.		
	5		
Tester Name:	PEB		
Test Date:	Fri Aug 06 16:11:39 2004		
Test PC:	McMillan		
Test Software:	SWBT 1.0		
Hard Drives Used:	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 0		
	A:\test-hdl SWB-12 McMillan PEB c 6F		
	A:\sig-log SWB-12 McMillan PEB		
	Shutdown Test PC		
Log File	***** Monitor Execution *****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/06/04 at 16:11:09) Going TSR		
	***** Install PDB Log *****		

Case SWB-12 PDBlo	ock Version 2.10		
	Drives Protected: 0		
	Return Code	SUCCESS	
	Bell: ON		
	Message:	ON	
	Drive Mode	e Length Size (Mb)	
	0 LB	A 120103200 58644	
		5 16434495 8024	
		Harness Log *****	
		I-HDL.EXE SWB-12 McMillan PEB	C 6F
	Case: SWB-1	-	
	Command set		
	Date: Fri A	ug 06 16:11:39 2004	
	<pre>Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: McMillan Number of drives 1, Drives: 6F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-12 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-12 <0C> 80 Allowed 0000 Off 1 SeekDrive 2 SWB-12 <0D> 80 Allowed 0000 Off 1 AltReset 3 SWB-12 <1D> 80 Allowed 0000 Off 1 Recalibrate 4 SWB-12 <47> 80 Allowed 0000 Off 1 ExtendedSeek Results for SWB-12 category c on drive 80 No commands blocked (0 of 5) Summary: 5 sent, 0 blocked, 5 not blocked</pre>		
	***** Signa	l Log *****	
	SIGNAL: n		
Results:	Assertion	Expected Results	Actual Results
	AM-05	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AM-07	Tool active message	Tool active message
	AM-08	1 drives identified	1 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-10	0 Commands return success	0 Commands return success
	AO-10	No signal observed	No signal observed
Analysis:	SWB-12 Expe	cted results achieved	

Case summary:	SWB-13 Install all drives, configure return code to failure, protect		
case summary.	with pattern odd, execute write commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message indicating all drives accessible by the covered interfaces.SWB-AM-09. If the tool is executed then the tool shall issue a message indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands and the tool blocks a command then the return code shall indicate unsuccessful command execution.		
	SWB-AO-01. If a subset of all covered drives is specified for protection, then commands from the write category shall be blocked for drives in the selected subset.		
	 SWB-A0-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked fo drives not in the selected subset. SWB-A0-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal. 		
Tester Name:	PEB		
Test Date:	Mon Aug 16 15:11:42 2004		
Test PC:	Max		
Test Software:	SWBT 1.0		
Hard Drives Used:	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors Drive 82, label E3 is a OUANTUM ATLAS10K2-TY092J with 17938985 sectors		

Case SWB-13 PDB]	lock Version 2.10		
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 13 /fail		
	A:\test-hdl SWB-13 Max PEB w 6F F5 E3 E4		
	A:\sig-log SWB-13 Max PEB		
	Shutdown Test PC		
Log File	***** Monitor Execution *****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/16/04 at 15:11:21) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 1,3		
	Return Code: FAILURE		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 120103200 58644		
	CHS 16434495 8024		
	1 LBA 40188960 19623		
	CHS 16434495 8024		
	2 LBA 17938985 8759 CHS 16434495 8024		
	3 LBA 17938985 8759 CHS 16434495 8024		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-13 Max PEB w 6F F5 E3 E4		
	CMD: A:\TEST-HDL.EXE SWB-13 MAX PEB W 6F F5 E3 E4 Case: SWB-13		
	Command set: Write		
	Date: Mon Aug 16 15:11:42 2004		
	Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Max Number of drives 4, Drives: 6F F5 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-13 <03> 80 Allowed 0000 Off 1 WriteSectors 1 SWB-13 <08> 80 Allowed 0000 Off 1 ExtWrite Results for SWB-13 category w on drive 80 No commands blocked (0 of 3) 0 SWB-13 <03> 81 Blocked 0300 On 0 WriteSectors 1 SWB-13 <08> 81 Blocked 0300 On 0 WriteLong 2 SWB-13 <08> 81 Blocked 0300 On 0 ExtWrite Results for SWB-13 category w on drive 81 All commands blocked (3 of 3) 0 SWB-13 <03> 82 Allowed 0000 Off 1 WriteSectors 1 SWB-13 <08> 82 Allowed 0000 Off 1 WriteSectors 1 SWB-13 <08> 82 Allowed 0000 Off 1 WriteLong 2 SWB-13 <43> 82 Allowed 0000 Off 1 ExtWrite Results for SWB-13 category w on drive 82 No commands blocked (0 of 3) 0 SWB-13 <03> 83 Blocked 0300 On 0 WriteSectors 1 SWB-13 <08> 83 Blocked 0300 On 0 WriteSectors 1 SWB-13 <08> 83 Blocked 0300 On 0 WriteSectors 2 SWB-13 <43> 83 Blocked 0300 On 0 WriteSectors 1 SWB-13 <08> 83 Blocked 0300 On 0 WriteSectors 2 SWB-13 <08> 83 Blocked 0300 On 0 WriteSectors 1 SWB-13 <08> 83 Blocked 0300 On 0 SectWrite Results for SWB-13 category w on drive 83 All commands blocked (3 of 3) Summary: 12 sent, 6 blocked, 6 not blocked		
Results:	***** Signal Log ***** SIGNAL: y Assertion Expected Results Actual Results		
Results:	SIGNAL: y Assertion Expected Results Actual Results		
Results:	SIGNAL: y Assertion Expected Results Actual Results		
Results:	SIGNAL: y Actual Results Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified		
Results:	SIGNAL: y Assertion Expected Results Actual Results AM-07 Tool active message Tool active message AM-08 4 drives identified 4 drives identified AM-09 Drive 80 is unprotected Drive 80 is unprotected		
Results:	SIGNAL: y Actual Results Assertion Expected Results Actual Results AM-07 Tool active message Tool active message AM-08 4 drives identified 4 drives identified AM-09 Drive 80 is unprotected Drive 80 is unprotected AM-09 Drive 81 is protected Drive 81 is protected		
Results:	SIGNAL: y Actual Results Assertion Expected Results Actual Results AM-07 Tool active message Tool active message AM-08 4 drives identified 4 drives identified AM-09 Drive 80 is unprotected Drive 80 is unprotected AM-09 Drive 81 is protected Drive 81 is protected		

Case SWB-13 PDBlock Version 2.10			
	AO-01	All cmds to drive 81 blocked	All cmds to drive 81 blocked
	AO-01	All cmds to drive 83 blocked	All cmds to drive 83 blocked
	AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-07	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	AO-10	Signal observed	Signal observed
Analysis:	SWB-13 Expected results achieved		

<pre>vith pattern low, execute write commands. Assertions SNB-AM-07. If the tool is executed then the tool shall issue a mess indicating that the tool is executed then the tool shall issue a mess indicating all drives accessible by the covered interfaces. SNB-AM-09. If the tool is executed then the tool shall issue a mess indicating the protection status of each drive attached to a covered interface. SNB-AM-10. If the tool is configured to return success on blocked commands and the tool blocks a command then the return code sha indicate successful command secution. SNB-AO-01. If a subset of all covered drives is specified for protection, then commands from the write category shall be block drives in the selected subset. SNB-AO-01. If a subset of all covered drives is specified for protection, then commands from any category shall be blocked drives not in the selected subset. SNB-AO-01. If the tool blocks a command then the tool shall issue either an audio or a visual signal. Test Date: SNB-AO-01. If the tool blocks a command then the tool shall issue either an audio or a visual signal. Test Software: SNB-AO-10. If the tool SND SND SND SND SND SND SND SND SND SND</pre>	ase SWB-14 PDBlo	ck Version 2.10		
Assertions SWR-AM-07. If the tool is executed then the tool shall issue a mess indicating that the tool is active. SWB-AM-08. If the tool is executed then the tool shall issue a mess indicating the protection status of each drive attached to a covered interface. SWB-AM-09. If the tool is configured to return success on blocked commands and the tool blocks a command then the return code she indicate successful command execution. SWB-AM-00. If a subset of all covered drives is specified for protection, then commands from the write category shall be bloc for drives in the selected subset. SWB-AO-07. If a the sole of all covered drives is specified for protection, then no commands from any category shall be block drives not in the selected subset. SWB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal. Test Date: Mon Aug 16 15:15:45 2004 Test Date: Mon Aug 16 15:15:45 2004 Test Software: SPE 1.0 Trive 81, label F5 is an IEM-DTLA-307020 with 1088960 sectors Drive 82, label E4 is a QUANTUM ATLASIDK2-TY092J with 1793895 sect Drive 81, label F4 is a QUANTUM ATLASIDK2-TY092J with 1793895 sect Drive 83, label E4 is a QUANTUM ATLASIDK2-TY092J with 1793895 sect Drive 83, label E4 is a QUANTUM ATLASIDK2-TY092J with 1793895 sect Drive 81, label F5 is an IEM-DTLA-307020 with 102.222] Commands Boot Test PC to (DOS 7.1) Windows 96 [Version 4.10.2222] A:\test-holl SWB-14 Max PEB Shutdown Test PC SNB-40 40 (128) Log File Monitor Execution *****	ase summary:	SWB-14 Install all drives, configure return code to success, protect		
Tested: SWB-AM-08. If the tool is accured then the tool shall issue a mess indicating all drives accessible by the covered interfaces. SWB-AM-08. If the tool is executed then the tool shall issue a mess indicating the protection status of each drive attached to a covered interface. SWB-AM-00. If the tool is configured to return success on blocked commands and the tool blocks a command then the return code she indicate successful command execution. SWB-AO-01. If a subset of all covered drives is specified for protection, then commands from the write category shall be block of drives in the selected subset. SWB-AO-01. If the tool blocks a command then the tool shall issue either an audio or a visual signal. Test Pate: Mon Aug 16 15:15:45 2004 Test PC: Max Test Software: SWB-1. O Hard Drives Drive 80. Label 6F is a Maxtor 6706010 with 120103200 sectors Drive 82. Label F3 is an IBM-DTLA-307020 with 40188960 sectors Drive 82. Label E3 is a QUANTUM ATLASIOK2-TY092J with 17938985 sect Drive 82. Label E4 is a QUANTUM ATLASIOK2-TY092J with 17938985 sect Drive 83. Label E4 is a QUANTUM ATLASIOK2-TY092J with 17938985 sect Drive 83. Label E4 is a QUANTUM ATLASIOK2-TY092J with 17938985 sect Drive 83. Label E4 is a QUANTUM ATLASIOK2-TY092J with 17938985 sect Drive 83. Label E4 is a QUANTUM ATLASIOK2-TY092J with 17938985 sect Drive 83. Label E4 is a QUANTUM ATLASIOK2-TY092J with 17938985 sect Drive 83. Label E4 is a QUANTUM ATLASIOK2-TY092J with 17938985 sect Drive 83. Label E4 is a QUANTUM ATLASIOK2-TY092J with 17938985 sect Drive 83. Label E4 is a QUANTUM ATLASIOK2-TY092J with 17938985 sect Drive 83. Label E4 is a QUANTUM ATLASIOK2-TY092J with 17938985 sect Drive 83. Label E4 is a QUANTUM ATLASIOK2-TY092J with 17938985 sect Drive 83. Label E4 is a QUANTUM ATLASIOK2-TY092J with 17938985 sect Now (08/16/04 at 15:15:124) Golng TSR ***** Install SWB-14 Max PEB w 6F F5 E3 E4 A:\sighlock Version 2.10: (Physical (D)isk Write (BLOCK)er Drives Protected: 0,1 Return Code: SUCCESS Bell:		with pattern low, execute write commands.		
indicating the protection status of each drive attached to a covered interface.SWB-AM-10. If the tool is configured to return success on blocked commands and the tool blocks a command then the return code she indicate successful command secution.SWB-AD-01. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked drives in the selected subset.SWB-AD-01. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked drives not in the selected subset.SWB-AD-0. If the tool blocks a command then the tool shall issue either an audio or a visual signal.Test Pate:Mon Aug 16 15:15:45 2004Test D2:MaxTest D2:MaxTest D2:MaxTest Software:SWBT 1.0Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors Drive 82, label E3 is a QUANTUM ATLASIOK2-TY092J with 17938985 sect Drive 82, label E3 is a QUANTUM ATLASIOK2-TY092J with 17938985 sect Drive 83, label E4 is a QUANTUM ATLASIOK2-TY092J with 17938985 sect Drive 83, label E4 is a QUANTUM ATLASIOK2-TY092J with 17938985 sect A:\gdblock 01 A:\tstring-IA Max PEB Shutdown Test PCLog File***** Monitor Execution ***** Highlights:Highlights:Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:28:05 Now (08/16/04 at 15:15:24) Going TSR ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0.1 Return Code:SUCCESS Bell:ON Drives Protected: 0.1 Return Code:Max 114 DB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0.1 Return Code:		SWB-AM-08. If the tool is executed then the tool shall issue a message indicating all drives accessible by the covered interfaces.		
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Drive Mode Length Size (Mb) 0 LBA 120103200 58644 CHS 16434495 8024 1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024				
0 LBA 120103200 58644 CHS 16434495 8024 1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024				
CHS 16434495 8024 1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024				
1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024				
CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024				
2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024				
CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024				
CHS 16434495 8024				
		3 LBA 17938985 8759		
***** Test Harpess Los ****				
3		***** Test Harness Log *****		
CMD: A:\TEST-HDL.EXE SWB-14 Max PEB w 6F F5 E3 E4				
Case: SWB-14				
Command set: Write				
Date: Mon Aug 16 15:15:45 2004		Date: Mon Aug 16 15:15:45 2004		

Case SWB-14 PD	Block Version 2	.10	
Case SW5-14 PD	Version: @(: @(#) Comp Operator: PI Host: Max Number of d: Case 0 0 SWB-14 2 SWB-14 Results for 0 SWB-14	<pre>#) test-hdl.cpp Version 1.1 Created wb-defs.h Version 1.2 Created piled on Aug 31 2003 at 08:10:5 EB rives 4, Drives: 6F F5 E3 E4 Cmd Drv Action Stat Cry Count <03> 80 Blocked 0000 Off 0 <0B> 80 Blocked 0000 Off 0 \$WB-14 category w on drive 80 <03> 81 Blocked 0000 Off 0</pre>	08/31/03 at 08:18:19 4 Cmd Name WriteSectors WriteLong ExtWrite All commands blocked (3 of 3) WriteSectors
	2 SWB-14 Results for 0 SWB-14 2 SWB-14 Results for 0 SWB-14 1 SWB-14 2 SWB-14 2 SWB-14 Results for Summary: 12	<pre><43> 82 Allowed 0000 Off 1 SWB-14 category w on drive 82 <03> 83 Allowed 0000 Off 1 <0B> 83 Allowed 0000 Off 1 <43> 83 Allowed 0000 Off 1 SWB-14 category w on drive 83 sent, 6 blocked, 6 not blocked</pre>	ExtWrite All commands blocked (3 of 3) WriteSectors WriteLong ExtWrite No commands blocked (0 of 3) WriteSectors WriteLong ExtWrite No commands blocked (0 of 3)
Results:	SIGNAL: y Assertion	Expected Results	Actual Results
	AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-01 AO-01 AO-01 AO-07 AO-07 AO-10	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is unprotected 6 Commands return success All cmds to drive 80 blocked All cmds to drive 81 blocked No cmds to drive 82 blocked No cmds to drive 83 blocked Signal observed	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is unprotected 6 Commands return success All cmds to drive 80 blocked All cmds to drive 81 blocked No cmds to drive 83 blocked No cmds to drive 83 blocked Signal observed
Analysis:		cted results achieved	
-	1		

Case	SWB-15	PDBlock	Version	2.10

Case SWB-15 PDB1	OCK Version 2.10
Case summary:	SWB-15 Install all drives, configure return code to failure, protect
	with pattern first, execute configuration commands.
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message
Tested:	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message
	indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message
	indicating the protection status of each drive attached to a covered interface.
	SWB-AM-11. If the tool is configured to return fail on blocked commands
	and the tool blocks a command then the return code shall indicate
	unsuccessful command execution.
	SWB-AO-02. If a subset of all covered drives is specified for
	protection, then commands from the configuration category shall be blocked for drives in the selected subset.
	SWB-AO-07. If a subset of all covered drives is specified for
	protection, then no commands from any category shall be blocked for
	drives not in the selected subset.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
	either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Tue Aug 17 09:53:56 2004
Test PC:	McMillan
Test Software:	SWBT 1.0

Hard Drives	Block Version 2.10 Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors		
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors		
obea	Drive 82, label F6 is an IBM-DTLA-307020 with 40188960 sectors		
	Drive 83, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
	Drive 84, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 0 /fail		
	A:\test-hdl SWB-15 McMillan PEB x 6F F5 F6 E3 E4		
	A:\sig-log SWB-15 McMillan PEB		
	Shutdown Test PC		
Log File	***** Monitor Execution ****		
Aighlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/17/04 at 09:53:34) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 0		
	Return Code: FAILURE		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 120103200 58644		
	CHS 16434495 8024 1 LBA 40188960 19623		
	1 LBA 40188960 19623 CHS 16434495 8024		
	2 LBA 40188960 19623		
	CHS 16434495 8024		
	3 LBA 17938985 8759		
	CHS 16434495 8024		
	4 LBA 17938985 8759		
	CHS 16434495 8024		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-15 McMillan PEB x 6F F5 F6 E3 E4		
	Case: SWB-15		
	Command set: Configure		
	Date: Tue Aug 17 09:53:56 2004		
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51		
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19		
	Compiled on Aug 31 2003 at 08:10:54		
	Operator: PEB		
	Host: McMillan		
	Number of drives 5, Drives: 6F F5 F6 E3 E4		
	Case Cmd Drv Action Stat Cry Count Cmd Name		
	0 SWB-15 <05> 80 Blocked 0300 On 0 FormatTrack		
	1 SWB-15 <06> 80 Blocked 0300 On 0 FormatBadSectors		
	2 SWB-15 <07> 80 Blocked 0300 On 0 FormatCyl		
	3 SWB-15 <09> 80 Blocked 0300 On 0 InitDriveParms 4 SWB-15 <0E> 80 Blocked 0300 On 0 DiagnosticESDI		
	5 SWB-15 <0E> 80 Blocked 0300 On 0 DiagnosticeSDI 5 SWB-15 <0F> 80 Blocked 0300 On 0 DiagnosticeSDI		
	6 SWB-15 <12> 80 Blocked 0300 On 0 DiagnosticRAM		
	7 SWB-15 <13> 80 Blocked 0300 On 0 DiagnosticDrive		
	8 SWB-15 <14> 80 Blocked 0300 On 0 DiagnosticCTL		
	Results for SWB-15 category x on drive 80 All commands blocked (9 of 9)		
	0 SWB-15 <05> 81 Allowed 0000 Off 1 FormatTrack		
	1 SWB-15 <06> 81 Allowed 0000 Off 1 FormatBadSectors		
	2 SWB-15 <07> 81 Allowed 0000 Off 1 FormatCyl		
	3 SWB-15 <09> 81 Allowed 0000 Off 1 InitDriveParms		
	4 SWB-15 <oe> 81 Allowed 0000 Off 1 DiagnosticESDI</oe>		
	5 SWB-15 <of> 81 Allowed 0000 Off 1 DiagnosticESDI</of>		
	6 SWB-15 <12> 81 Allowed 0000 Off 1 DiagnosticRAM		
	6 SWB-15 <12> 81 Allowed 0000 Off 1 DiagnosticRAM 7 SWB-15 <13> 81 Allowed 0000 Off 1 DiagnosticDrive		
	6 SWB-15 <12> 81 Allowed 0000 Off 1 DiagnosticRAM 7 SWB-15 <13> 81 Allowed 0000 Off 1 DiagnosticDrive 8 SWB-15 <14> 81 Allowed 0000 Off 1 DiagnosticCTL		
	6 SWB-15 <12> 81 Allowed 0000 Off 1 DiagnosticRAM 7 SWB-15 <13> 81 Allowed 0000 Off 1 DiagnosticDrive 8 SWB-15 <14> 81 Allowed 0000 Off 1 DiagnosticCTL Results for SWB-15 category x on drive 81 No commands blocked (0 of 9)		
	6 SWB-15 <12> 81 Allowed 0000 Off 1 DiagnosticRAM 7 SWB-15 <13> 81 Allowed 0000 Off 1 DiagnosticDrive 8 SWB-15 <14> 81 Allowed 0000 Off 1 DiagnosticCTL Results for SWB-15 category x on drive 81 No commands blocked (0 of 9) 0 SWB-15 <05> 82 Allowed 0000 Off 1 FormatTrack		
	6 SWB-15 <12> 81 Allowed 0000 Off 1 DiagnosticRAM 7 SWB-15 <13> 81 Allowed 0000 Off 1 DiagnosticDrive 8 SWB-15 <14> 81 Allowed 0000 Off 1 DiagnosticCTL Results for SWB-15 category x on drive 81 No commands blocked (0 of 9)		

	ck Version 2	.10	
	4 SWB-15 ·	<0E> 82 Allowed 0000 Off 1	DiagnosticESDI
	5 SWB-15 ·	<of> 82 Allowed 0000 Off 1</of>	DiagnosticESDI
		<12> 82 Allowed 0000 Off 1	DiagnosticRAM
		<13> 82 Allowed 0000 Off 1	DiagnosticDrive
		<14> 82 Allowed 0000 Off 1	DiagnosticCTL
		SWB-15 category x on drive 82	
		<05> 83 Allowed 0000 Off 1	
		<06> 83 Allowed 0000 Off 1	
		<07> 83 Allowed 0000 Off 1	
		<09> 83 Allowed 0000 Off 1	
		<oe> 83 Allowed 0000 Off 1</oe>	Diagnobolobbl
		<of> 83 Allowed 0000 Off 1</of>	
		<12> 83 Allowed 0000 Off 1	
		<13> 83 Allowed 0000 Off 1	
		<14> 83 Allowed 0000 Off 1	DiagnosticCTL
		SWB-15 category x on drive 83	
		<05> 84 Blocked 0300 On 0 <06> 84 Blocked 0300 On 0	
		<07> 84 Blocked 0300 On 0	
		<07> 84 Blocked 0300 On 0	-
		<0>> 84 Blocked 0300 On 0	
		<pre><0E> 01 Blocked 0300 On 0</pre>	
		<12> 84 Blocked 0300 On 0	5
		<13> 84 Blocked 0300 On 0	3
			3
	0 2MB-T2 .	<14> 84 BLOCKED U3UU UN U	DiagnosticCTL
		<14> 84 Blocked 0300 On 0 SWB-15 category x on drive 84	DiagnosticCTL All commands blocked (9 of 9)
	Results for		All commands blocked (9 of 9)
	Results for	SWB-15 category x on drive 84	All commands blocked (9 of 9)
	Results for Summary: 45	SWB-15 category x on drive 84 sent, 18 blocked, 27 not block	All commands blocked (9 of 9)
	Results for Summary: 45 ***** Signal	SWB-15 category x on drive 84 sent, 18 blocked, 27 not block	All commands blocked (9 of 9)
	Results for Summary: 45 ***** Signal SIGNAL: Y	SWB-15 category x on drive 84 sent, 18 blocked, 27 not block l Log *****	All commands blocked (9 of 9) Red
Results:	Results for Summary: 45 ***** Signa SIGNAL: y Assertion	SWB-15 category x on drive 84 sent, 18 blocked, 27 not block l Log ***** Expected Results	All commands blocked (9 of 9) ed Actual Results
	Results for Summary: 45 ***** Signal SIGNAL: y Assertion AM-07	<pre>SWB-15 category x on drive 84 sent, 18 blocked, 27 not block l Log ***** Expected Results Tool active message</pre>	All commands blocked (9 of 9) d Actual Results Tool active message
	Results for Summary: 45 ***** Signal SIGNAL: y Assertion AM-07 AM-08	<pre>SWB-15 category x on drive 84 sent, 18 blocked, 27 not block l Log ***** Expected Results Tool active message 5 drives identified</pre>	All commands blocked (9 of 9) d Actual Results Tool active message 5 drives identified
	Results for Summary: 45 ***** Signal SIGNAL: y Assertion AM-07 AM-08 AM-09	<pre>SWB-15 category x on drive 84 sent, 18 blocked, 27 not block l Log ***** Expected Results Tool active message 5 drives identified Drive 80 is protected</pre>	All commands blocked (9 of 9) and Actual Results Tool active message 5 drives identified Drive 80 is protected
	Results for Summary: 45 ***** Signal SIGNAL: y Assertion AM-07 AM-08 AM-09 AM-09	<pre>SWB-15 category x on drive 84 sent, 18 blocked, 27 not block l Log ***** Expected Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected</pre>	All commands blocked (9 of 9) and Actual Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected
	Results for Summary: 45 ***** Signal SIGNAL: y Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09	<pre>SWB-15 category x on drive 84 sent, 18 blocked, 27 not block l Log ***** Expected Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected</pre>	All commands blocked (9 of 9) and Actual Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected
	Results for Summary: 45 ***** Signa SIGNAL: y Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09	<pre>SWB-15 category x on drive 84 sent, 18 blocked, 27 not block l Log ***** Expected Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is unprotected</pre>	All commands blocked (9 of 9) and Actual Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is unprotected
	Results for Summary: 45 ***** Signal SIGNAL: y Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09	<pre>SWB-15 category x on drive 84 sent, 18 blocked, 27 not block l Log ***** Expected Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is unprotected Drive 84 is unprotected</pre>	All commands blocked (9 of 9) and Actual Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is unprotected Drive 84 is unprotected
	Results for Summary: 45 ***** Signal SIGNAL: y Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09	<pre>SWB-15 category x on drive 84 sent, 18 blocked, 27 not block l Log ***** Expected Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail</pre>	All commands blocked (9 of 9) and Actual Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail
	Results for Summary: 45 ***** Signal SIGNAL: y Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09	<pre>SWB-15 category x on drive 84 sent, 18 blocked, 27 not block l Log ***** Expected Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail All cmds to drive 80 blocked</pre>	All commands blocked (9 of 9) and Actual Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail All cmds to drive 80 blocked
	Results for Summary: 45 ***** Signal SIGNAL: y Am-07 AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-07	<pre>SWB-15 category x on drive 84 sent, 18 blocked, 27 not block l Log ***** Expected Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail All cmds to drive 80 blocked No cmds to drive 81 blocked</pre>	All commands blocked (9 of 9) and Actual Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail All cmds to drive 80 blocked No cmds to drive 81 blocked
	Results for Summary: 45 ***** Signal SIGNAL: y Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-07 AO-07 AO-07	<pre>SWB-15 category x on drive 84 sent, 18 blocked, 27 not block l Log ***** Expected Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail All cmds to drive 80 blocked No cmds to drive 82 blocked</pre>	All commands blocked (9 of 9) and Actual Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail All cmds to drive 80 blocked No cmds to drive 81 blocked No cmds to drive 82 blocked
	Results for Summary: 45 ***** Signal SIGNAL: y Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-01 AM-02 AO-07 AO-07 AO-07	<pre>SWB-15 category x on drive 84 sent, 18 blocked, 27 not block l Log ***** Expected Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail All cmds to drive 80 blocked No cmds to drive 82 blocked No cmds to drive 83 blocked</pre>	All commands blocked (9 of 9) and Actual Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is unprotected 18 Commands return fail All cmds to drive 80 blocked No cmds to drive 81 blocked No cmds to drive 83 blocked No cmds to drive 83 blocked
	Results for Summary: 45 ***** Signal SIGNAL: y Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-01 AM-09 AM-07 AO-07 AO-07 AO-07	<pre>SWB-15 category x on drive 84 sent, 18 blocked, 27 not block l Log ***** Expected Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail All cmds to drive 80 blocked No cmds to drive 82 blocked No cmds to drive 83 blocked No cmds to drive 84 blocked</pre>	All commands blocked (9 of 9) and Actual Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail All cmds to drive 80 blocked No cmds to drive 81 blocked No cmds to drive 83 blocked All cmds to drive 84 blocked
	Results for Summary: 45 ***** Signal SIGNAL: y Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-01 AO-07 AO-07 AO-07 AO-07 AO-07	<pre>SWB-15 category x on drive 84 sent, 18 blocked, 27 not block l Log ***** Expected Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail All cmds to drive 80 blocked No cmds to drive 82 blocked No cmds to drive 83 blocked</pre>	All commands blocked (9 of 9) ad Actual Results Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail All cmds to drive 80 blocked No cmds to drive 81 blocked No cmds to drive 83 blocked All cmds to drive 84 blocked Signal observed

Case SWB-16 PDBlo	ock Version 2.10		
Case summary:	SWB-16 Install all drives, configure return code to success, protect		
	with pattern mid, execute configuration commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-10. If the tool is configured to return success on blocked		
	commands and the tool blocks a command then the return code shall		
	indicate successful command execution.		
	SWB-AO-02. If a subset of all covered drives is specified for		
	protection, then commands from the configuration category shall be		
	blocked for drives in the selected subset.		
	SWB-AO-07. If a subset of all covered drives is specified for		
	protection, then no commands from any category shall be blocked for		
	drives not in the selected subset.		
1	SWB-AO-10. If the tool blocks a command then the tool shall issue		

Case SWB-16 PDB1	ock Version 2.10		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Tue Aug 17 09:58:50 2004		
Test PC:	McMillan		
Test Software:	SWBT 1.0		
Hard Drives Used:	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors		
Useu.	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors Drive 82, label F6 is an IBM-DTLA-307020 with 40188960 sectors		
	Drive 83, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
	Drive 84, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 2		
	A:\test-hdl SWB-16 McMillan PEB x 6F F5 F6 E3 E4		
	A:\sig-log SWB-16 McMillan PEB Shutdown Test PC		
Log File	***** Monitor Execution *****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/17/04 at 09:58:27) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 2 Return Code: SUCCESS		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 120103200 58644		
	CHS 16434495 8024		
	1 LBA 40188960 19623		
	CHS 16434495 8024 2 LBA 40188960 19623		
	CHS 16434495 8024		
	3 LBA 17938985 8759		
	CHS 16434495 8024		
	4 LBA 17938985 8759		
	CHS 16434495 8024		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-16 McMillan PEB x 6F F5 F6 E3 E4 Case: SWB-16		
	Command set: Configure		
	Date: Tue Aug 17 09:58:50 2004		
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51		
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19		
	Compiled on Aug 31 2003 at 08:10:54		
	Operator: PEB Host: McMillan		
	Number of drives 5, Drives: 6F F5 F6 E3 E4		
	Case Cmd Drv Action Stat Cry Count Cmd Name		
	0 SWB-16 <05> 80 Allowed 0000 Off 1 FormatTrack		
	1 SWB-16 <06> 80 Allowed 0000 Off 1 FormatBadSectors		
	2 SWB-16 <07> 80 Allowed 0000 Off 1 FormatCyl		
	3 SWB-16 <09> 80 Allowed 0000 Off 1 InitDriveParms		
	4 SWB-16 <0E> 80 Allowed 0000 Off 1 DiagnosticESDI		
	5 SWB-16 <0F> 80 Allowed 0000 Off 1 DiagnosticESDI 6 SWB-16 <12> 80 Allowed 0000 Off 1 DiagnosticRAM		
	7 SWB-16 <13> 80 Allowed 0000 Off 1 DiagnosticDrive		
	8 SWB-16 <14> 80 Allowed 0000 Off 1 DiagnosticCTL		
	Results for SWB-16 category x on drive 80 No commands blocked (0 of 9)		
	0 SWB-16 <05> 81 Allowed 0000 Off 1 FormatTrack		
	1 SWB-16 <06> 81 Allowed 0000 Off 1 FormatBadSectors		
	2 SWB-16 <07> 81 Allowed 0000 Off 1 FormatCyl		
	3 SWB-16 <09> 81 Allowed 0000 Off 1 InitDriveParms		
	4 SWB-16 <0E> 81 Allowed 0000 Off 1 DiagnosticESDI		
	5 SWB-16 <0F> 81 Allowed 0000 Off 1 DiagnosticESDI 6 SWB-16 <12> 81 Allowed 0000 Off 1 DiagnosticRAM		
	7 SWB-16 <12> 81 Allowed 0000 Off 1 DiagnosticDrive		

Case SWB-16 PDBlock Version 2.1	.0	
8 SWB-16 <1	4> 81 Allowed 0000 Off 1	DiagnosticCTL
	SWB-16 category x on drive 81	No commands blocked (0 of 9)
0 SWB-16 <0	05> 82 Blocked 0000 Off 0	FormatTrack
	06> 82 Blocked 0000 Off 0	FormatBadSectors
	07> 82 Blocked 0000 Off 0	
	09> 82 Blocked 0000 Off 0	InitDriveParms
	DE> 82 Blocked 0000 Off 0	DiagnosticESDI
	DF> 82 Blocked 0000 Off 0	DiagnosticESDI
	.2> 82 Blocked 0000 Off 0	DiagnosticRAM
	.3> 82 Blocked 0000 Off 0	DiagnosticDrive
	4> 82 Blocked 0000 Off 0	DiagnosticCTL
		All commands blocked (9 of 9)
	05> 83 Allowed 0000 Off 1	
		FormatBadSectors
	07> 83 Allowed 0000 Off 1 09> 83 Allowed 0000 Off 1	FormatCyl InitDriveParms
	DE> 83 Allowed 0000 Off 1	
	DF> 83 Allowed 0000 Off 1	-
	.2> 83 Allowed 0000 Off 1	-
	.3> 83 Allowed 0000 Off 1	
	.4> 83 Allowed 0000 Off 1	
	WB-16 category x on drive 83	
	05> 84 Blocked 0000 Off 0	
	06> 84 Blocked 0000 Off 0	
	07> 84 Blocked 0000 Off 0	
	09> 84 Blocked 0000 Off 0	InitDriveParms
	DE> 84 Blocked 0000 Off 0	
)F> 84 Blocked 0000 Off 0	-
	2> 84 Blocked 0000 Off 0	-
7 SWB-16 <1	3> 84 Blocked 0000 Off 0	DiagnosticDrive
8 SWB-16 <1	4> 84 Blocked 0000 Off 0	DiagnosticCTL
Results for S	SWB-16 category x on drive 84	All commands blocked (9 of 9)
	ent, 18 blocked, 27 not block	red
***** Signal SIGNAL: y	rod a second	
	Expected Results	Actual Results
AM-07 7	Tool active message	Tool active message
AM-08	5 drives identified	5 drives identified
AM-09 I	Drive 80 is unprotected	Drive 80 is unprotected
AM-09 I	Drive 81 is unprotected	Drive 81 is unprotected
	Drive 82 is protected	Drive 82 is protected
	Drive 83 is unprotected	Drive 83 is unprotected
	Drive 84 is unprotected	Drive 84 is unprotected
	18 Commands return success	18 Commands return success
	All cmds to drive 82 blocked	All cmds to drive 82 blocked
	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	No cmds to drive 81 blocked	No cmds to drive 80 blocked
	No cmds to drive 83 blocked	No cmds to drive 83 blocked
	No cmds to drive 83 blocked	All cmds to drive 84 blocked
	Signal observed	
	5	Signal observed
Analysis: SWB-16 Expect	ed results not achieved for a	ASSELLIONS: AU-U/
Case SWB-17 PDBlock Version 2.1	.0	

Case SWB-17 PDB10	ock version 2.10		
Case summary:	SWB-17 Install all drives, configure return code to failure, protect		
	with pattern random_p, execute miscellaneous commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands		
	and the tool blocks a command then the return code shall indicate		
	unsuccessful command execution.		
	SWB-AO-03. If a subset of all covered drives is specified for		

Case SWB-17 PDB1	ock Version 2.10		
	protection, then commands from the miscellaneous category shall be		
	blocked for drives in the selected subset.		
	SWB-AO-07. If a subset of all covered drives is specified for		
	protection, then no commands from any category shall be blocked for		
	drives not in the selected subset.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Tue Aug 17 09:03:30 2004		
Test PC:	McMillan		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors		
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors		
	Drive 82, label F6 is an IBM-DTLA-307020 with 40188960 sectors		
	Drive 83, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
	Drive 84, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
licouodu	A:\pdblock 1 /fail		
	A:\test-hdl SWB-17 McMillan PEB m 6F F5 F6 E3 E4		
	A:\sig-log SWB-17 McMillan PEB		
	Shutdown Test PC		
Log File	***** Monitor Execution *****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now $(08/17/04 \text{ at } 09:03:08)$ Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 1		
	Return Code: FAILURE		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 120103200 58644		
	CHS 16434495 8024		
	1 LBA 40188960 19623		
	CHS 16434495 8024		
	2 LBA 40188960 19623		
	CHS 16434495 8024		
	3 LBA 17938985 8759		
	CHS 16434495 8024		
	4 LBA 17938985 8759		
	CHS 16434495 8024		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-17 McMillan PEB m 6F F5 F6 E3 E4		
	Case: SWB-17		
	Command set: Misc		
	Date: Tue Aug 17 09:03:30 2004		
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51		
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19		
	Compiled on Aug 31 2003 at 08:10:54		
	Operator: PEB		
	Host: McMillan		
	Number of drives 5, Drives: 6F F5 F6 E3 E4		
	Case Cmd Drv Action Stat Cry Count Cmd Name		
	0 SWB-17 <16> 80 Allowed 0000 Off 1 Undefined		
	misc commands 17-FD results omitted		
	see log files for full results		
	See toy tites for full results		
	226 SWB-17 <fe> 80 Allowed 0000 Off 1 Undefined</fe>		
	227 SWB-17 <ff> 80 Allowed 0000 Off 1 Undefined</ff>		

```
Case SWB-17 PDBlock Version 2.10
                  of 228)
                    0 SWB-17 <16> 81 Allowed 0000 Off
                                                         1 Undefined
                           . . .
                          misc commands 17-FD results omitted
                           see log files for full results
                           . . .
                 226 SWB-17 <FE> 81 Allowed 0000 Off 1 Undefined
                  227 SWB-17 <FF> 81 Allowed 0000 Off
                                                        1 Undefined
                  Results for SWB-17 category m on drive 81 Not all commands blocked (3
                  of 228)
                    0 SWB-17 <16> 82 Allowed 0000 Off
                                                        1 Undefined
                          . . .
                           misc commands 17-FD results omitted
                           see log files for full results
                           . . .
                  226 SWB-17 <FE> 82 Allowed 0000 Off
                                                         1 Undefined
                  227 SWB-17 <FF> 82 Allowed 0000 Off
                                                        1 Undefined
                  Results for SWB-17 category m on drive 82 Not all commands blocked (1
                  of 228)
                    0 SWB-17 <16> 83 Allowed 0000 Off
                                                        1 Undefined
                          . . .
                           misc commands 17-FD results omitted
                           see log files for full results
                           . . .
                  226 SWB-17 <FE> 83 Allowed 0000 Off
                                                         1 Undefined
                  227 SWB-17 <FF> 83 Allowed 0000 Off
                                                          1 Undefined
                  Results for SWB-17 category m on drive 83 Not all commands blocked (1
                  of 228)
                   0 SWB-17 <16> 84 Allowed 0000 Off
                                                        1 Undefined
                          misc commands 17-FD results omitted
                           see log files for full results
                           . . .
                                                        1 Undefined
                  226 SWB-17 <FE> 84 Allowed 0000 Off
                  227 SWB-17 <FF> 84 Allowed 0000 Off
                                                         1 Undefined
                  Results for SWB-17 category m on drive 84 Not all commands blocked (3
                  of 228)
                  Summary: 1140 sent, 9 blocked, 1131 not blocked
                  ***** Signal Log *****
                  SIGNAL: y
Results:
                   Assertion
                             Expected Results
                                                           Actual Results
                   AM-07
                                                           Tool active message
                              Tool active message
                              5 drives identified
                                                           5 drives identified
                   AM-08
                   AM-09
                              Drive 80 is unprotected
                                                           Drive 80 is unprotected
                   AM-09
                              Drive 81 is protected
                                                           Drive 81 is protected
                                                           Drive 82 is unprotected
                  AM-09
                              Drive 82 is unprotected
                   AM-09
                              Drive 83 is unprotected
                                                           Drive 83 is unprotected
                                                           Drive 84 is unprotected
                   AM-09
                              Drive 84 is unprotected
                  AM-11
                              9 Commands return fail
                                                           9 Commands return fail
                   AO-03
                              All cmds to drive 81
                                                           Not all cmds to drive 81
                              blocked
                                                           blocked
```

Case SWB-17 PDBlock Version 2.10			
	AO-07	No cmds to drive 80	Not all cmds to drive 80
		blocked	blocked
	AO-07	No cmds to drive 82	Not all cmds to drive 82
		blocked	blocked
	AO-07	No cmds to drive 83	Not all cmds to drive 83
		blocked	blocked
	AO-07	No cmds to drive 84	Not all cmds to drive 84
		blocked	blocked
	AO-10	Signal observed	Signal observed
Analysis:	SWB-17 Expe	cted results not achieved for	assertions: AO-03 AO-07

Case SWB-18 PDBlo			
Case summary:	SWB-18 Install all drives, configure return code to success, protect		
	with pattern not_last, execute miscellaneous commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a covered interface.		
	SWB-AM-10. If the tool is configured to return success on blocked		
	commands and the tool blocks a command then the return code shall indicate successful command execution.		
	SWB-AO-03. If a subset of all covered drives is specified for		
	protection, then commands from the miscellaneous category shall be		
	blocked for drives in the selected subset.		
	SWB-AO-07. If a subset of all covered drives is specified for		
	protection, then no commands from any category shall be blocked for		
	drives not in the selected subset.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Tue Aug 17 10:10:42 2004		
Test PC:	McMillan		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors		
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors		
	Drive 82, label F6 is an IBM-DTLA-307020 with 40188960 sectors		
	Drive 83, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
	Drive 84, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 0123		
	A:\test-hdl SWB-18 McMillan PEB m 6F F5 F6 E3 E4		
	A:\sig-log SWB-18 McMillan PEB		
	Shutdown Test PC		
Log File	***** Monitor Execution ****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/17/04 at 10:10:20) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: ALL		
	Return Code: SUCCESS		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 120103200 58644		
	CHS 16434495 8024 1 LBA 40188960 19623		
	2 LBA 40188960 19623 CHS 16434495 8024		
	3 LBA 17938985 8759		
	CHS 16434495 8024		
	4 LBA 17938985 8759		

```
Case SWB-18 PDBlock Version 2.10
                        CHS | 16434495
                                                  8024
                  ***** Test Harness Log *****
                  CMD: A:\TEST-HDL.EXE SWB-18 McMillan PEB m 6F F5 F6 E3 E4
                  Case: SWB-18
                  Command set: Misc
                  Date: Tue Aug 17 10:10:42 2004
                  Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51
                         @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19
                         Compiled on Aug 31 2003 at 08:10:54
                  Operator: PEB
                  Host: McMillan
                  Number of drives 5, Drives: 6F F5 F6 E3 E4
                      Case Cmd Drv Action Stat Cry Count Cmd Name
                    0 SWB-18 <16> 80 Allowed 0000 Off
                                                          1 Undefined
                           . . .
                           misc commands 17-FD results omitted
                           see log files for full results
                           . . .
                  226 SWB-18 <FE> 80 Allowed 0000 Off
                                                           1 Undefined
                  227 SWB-18 <FF> 80 Allowed 0000 Off 1 Undefined
                  Results for SWB-18 category m on drive 80 Not all commands blocked (3
                  of 228)
                    0 SWB-18 <16> 81 Allowed 0000 Off
                                                         1 Undefined
                           . . .
                           misc commands 17-FD results omitted
                           see log files for full results
                            . . .
                                                         1 Undefined
                  226 SWB-18 <FE> 81 Allowed 0000 Off
                  227 SWB-18 <FF> 81 Allowed 0000 Off
                                                           1 Undefined
                  Results for SWB-18 category m on drive 81 Not all commands blocked (3
                  of 228)
                    0 SWB-18 <16> 82 Allowed 0000 Off
                                                         1 Undefined
                           misc commands 17-FD results omitted
                           see log files for full results
                           . . .
                                                         1 Undefined
                  226 SWB-18 <FE> 82 Allowed 0000 Off
                  227 SWB-18 <FF> 82 Allowed 0000 Off
                                                          1 Undefined
                  Results for SWB-18 category m on drive 82 Not all commands blocked (3
                  of 228)
                    0 SWB-18 <16> 83 Allowed 0000 Off
                                                         1 Undefined
                           . . .
                           misc commands 17-FD results omitted
                           see log files for full results
                           . . .
                  226 SWB-18 <FE> 83 Allowed 0000 Off 1 Undefined
227 SWB-18 <FF> 83 Allowed 0000 Off 1 Undefined
                  Results for SWB-18 category m on drive 83 Not all commands blocked (3
                  of 228)
                    0 SWB-18 <16> 84 Allowed 0000 Off
                                                          1 Undefined
                           . . .
                           misc commands 17-FD results omitted
```

Case SWB-18 PDB	lock Version 2	.10	
	se	e log files for full results	
	227 SWB-18 Results for of 228)	<fe> 84 Allowed 0000 Off <ff> 84 Allowed 0000 Off SWB-18 category m on drive 8 40 sent, 15 blocked, 1125 not</ff></fe>	1 Undefined 34 Not all commands blocked (3
	***** Signa	l Log *****	
	SIGNAL: y	-	
Results:	Assertion	L C C C C C C C C C C	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	5 drives identified	5 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-09	Drive 82 is protected	Drive 82 is protected
	AM-09	Drive 83 is protected	Drive 83 is protected
	AM-09	Drive 84 is unprotected	Drive 84 is unprotected
	AM-10	15 Commands return success	10 Commands return success
	AO-03	All cmds to drive 80 blocked	Not all cmds to drive 80 blocked
	AO-03	All cmds to drive 81 blocked	Not all cmds to drive 81 blocked
	AO-03	All cmds to drive 82 blocked	Not all cmds to drive 82 blocked
	AO-03	All cmds to drive 83 blocked	Not all cmds to drive 83 blocked
	AO-07	No cmds to drive 84 blocked	Not all cmds to drive 84 blocked
	AO-10	Signal observed	Signal observed
Analysis:	SWB-18 Expe	cted results not achieved for	assertions: AM-10 AO-03 AO-07

Case summary:	SWB-19 Install all drives, configure return code to failure, protect		
	with pattern last, execute read commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands		
	and the tool blocks a command then the return code shall indicate		
	unsuccessful command execution.		
	SWB-AO-04. If a subset of all covered drives is specified for		
	protection, then commands from the read category shall not be		
	blocked for drives in the selected subset.		
	SWB-AO-07. If a subset of all covered drives is specified for		
	protection, then no commands from any category shall be blocked for		
	drives not in the selected subset.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Sep 24 14:28:00 2004		
Test PC:	Joe		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors		
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors		
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
G	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13 A:\pdblock 3 /fail		
	A. \publock 5 / Latt		

	lock Version 2.10	
	A:\test-hdl SWB-19 Joe PEB r F5 F6 E3 E4	
	A:\sig-log SWB-19 Joe PEB	
	Shutdown Test PC	
Log File	***** Monitor Execution *****	
Highlights:	Monitor BIOS interrupt 13h (disk service)	
	tally13 compiled on 07/29/03 at 07:33:17	
	@(#) Version 1.1 Created 07/29/03 at 07:23	8:05
	Now (09/24/04 at 14:27:34) Going T	SR
	***** Install PDB Log *****	
	PDBlock Version 2.10: (P)hysical (D)isk W	rite (BLOCK)er
	Drives Protected: 3	
	Return Code: FAILURE	
	Bell: ON	
	Message: ON	
	Drive Mode Length Size (Mb)	
	0 LBA 40188960 19623	
	CHS 16434495 8024	
	1 LBA 40188960 19623	
	CHS 16434495 8024	
	2 LBA 17938985 8759	
	CHS 16434495 8024	
	3 LBA 17938985 8759	
	CHS 16434495 8024 ***** Test Harness Log *****	
	-	
	CMD: A:\TEST-HDL.EXE SWB-19 Joe PEB r F5 1 Case: SWB-19	FU ES E4
	Command set: Read	
	Date: Fri Sep 24 14:28:00 2004	
	Date: FII Sep 24 14:28:00 2004	
	Version: @(#) test-hdl.cpp Version 1.1 Cre	asted 08/23/03 at 10.13.51
	<pre>@(#) wb-defs.h Version 1.2 Created</pre>	
	Compiled on Aug 31 2003 at 08:10:5	
	Operator: PEB	1
	Host: Joe	
	Number of drives 4, Drives: F5 F6 E3 E4	
	Case Cmd Drv Action Stat Cry Count	Cmd Name
	0 SWB-19 <02> 80 Allowed 0000 Off 1	
		ReadLong
		ExtRead
	Results for SWB-19 category r on drive 80	
	0 SWB-19 <02> 81 Allowed 0000 Off 1	
		ReadLong
		ExtRead
	Results for SWB-19 category r on drive 81	Extreau
	0 SWB-19 <02> 82 Allowed 0000 Off 1	
		No commands blocked (0 of 3)
	1 SWB-19 <0A> 82 Allowed 0000 Off 1	No commands blocked (0 of 3) ReadSectors
	1 SWB-19 <0A> 82 Allowed 0000 Off 1	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead
	1 SWB-19 <0A> 82 Allowed 0000 Off 1 2 SWB-19 <42> 82 Allowed 0000 Off 1 Results for SWB-19 category r on drive 82	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead
	1 SWB-19 <0A> 82 Allowed 0000 Off 1 2 SWB-19 <42> 82 Allowed 0000 Off 1 Results for SWB-19 category r on drive 82 0 SWB-19 <02> 83 Allowed 0000 Off 1	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3)
	1 SWB-19 <0A> 82 Allowed 0000 Off 1 2 SWB-19 <42> 82 Allowed 0000 Off 1 Results for SWB-19 category r on drive 82 0 SWB-19 <02> 83 Allowed 0000 Off 1 1 SWB-19 <0A> 83 Allowed 0000 Off 1	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors
	1 SWB-19 <0A> 82 Allowed 0000 Off 1 2 SWB-19 <42> 82 Allowed 0000 Off 1 Results for SWB-19 category r on drive 82 0 SWB-19 <02> 83 Allowed 0000 Off 1 1 SWB-19 <0A> 83 Allowed 0000 Off 1	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead
	1 SWB-19 <0A> 82 Allowed 0000 Off 1 2 SWB-19 <42> 82 Allowed 0000 Off 1 Results for SWB-19 category r on drive 82 0 SWB-19 <02> 83 Allowed 0000 Off 1 1 SWB-19 <0A> 83 Allowed 0000 Off 1 2 SWB-19 <42> 83 Allowed 0000 Off 1	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3)
	1 SWB-19 <0A> 82 Allowed 0000 Off 1 2 SWB-19 <42> 82 Allowed 0000 Off 1 Results for SWB-19 category r on drive 82 0 SWB-19 <02> 83 Allowed 0000 Off 1 1 SWB-19 <0A> 83 Allowed 0000 Off 1 2 SWB-19 <42> 83 Allowed 0000 Off 1 Results for SWB-19 category r on drive 83	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3)
	1 SWB-19 <0A> 82 Allowed 0000 Off 1 2 SWB-19 <42> 82 Allowed 0000 Off 1 Results for SWB-19 category r on drive 82 0 SWB-19 <02> 83 Allowed 0000 Off 1 1 SWB-19 <0A> 83 Allowed 0000 Off 1 2 SWB-19 <42> 83 Allowed 0000 Off 1 Results for SWB-19 category r on drive 83	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3)
	1 SWB-19 <0A> 82 Allowed 0000 Off 1 2 SWB-19 <42> 82 Allowed 0000 Off 1 Results for SWB-19 category r on drive 82 0 SWB-19 <02> 83 Allowed 0000 Off 1 1 SWB-19 <0A> 83 Allowed 0000 Off 1 2 SWB-19 <42> 83 Allowed 0000 Off 1 Results for SWB-19 category r on drive 83	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3)
	<pre>1 SWB-19 <0A> 82 Allowed 0000 Off 1 2 SWB-19 <42> 82 Allowed 0000 Off 1 Results for SWB-19 category r on drive 82 0 SWB-19 <02> 83 Allowed 0000 Off 1 1 SWB-19 <0A> 83 Allowed 0000 Off 1 2 SWB-19 <42> 83 Allowed 0000 Off 1 Results for SWB-19 category r on drive 83 Summary: 12 sent, 0 blocked, 12 not blocked ***** Signal Log ***** SIGNAL: n</pre>	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3)
Results:	<pre>1 SWB-19 <0A> 82 Allowed 0000 Off 1 2 SWB-19 <42> 82 Allowed 0000 Off 1 Results for SWB-19 category r on drive 82 0 SWB-19 <02> 83 Allowed 0000 Off 1 1 SWB-19 <0A> 83 Allowed 0000 Off 1 2 SWB-19 <42> 83 Allowed 0000 Off 1 Results for SWB-19 category r on drive 83 Summary: 12 sent, 0 blocked, 12 not blocked ****** Signal Log *****</pre>	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ed
Results:	<pre>1 SWB-19 <0A> 82 Allowed 0000 Off 1 2 SWB-19 <42> 82 Allowed 0000 Off 1 Results for SWB-19 category r on drive 82 0 SWB-19 <02> 83 Allowed 0000 Off 1 1 SWB-19 <0A> 83 Allowed 0000 Off 1 2 SWB-19 <42> 83 Allowed 0000 Off 1 Results for SWB-19 category r on drive 83 Summary: 12 sent, 0 blocked, 12 not blocked ***** Signal Log ***** SIGNAL: n</pre>	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ed
Results:	1 SWB-19 <0A> 82 Allowed 0000 Off 1 2 SWB-19 <42> 82 Allowed 0000 Off 1 Results for SWB-19 category r on drive 82 0 0 SWB-19 <02> 83 Allowed 0000 Off 1 1 SWB-19 <0A> 83 Allowed 0000 Off 1 2 SWB-19 <42> 83 Allowed 0000 Off 1 2 SWB-19 <42> 83 Allowed 0000 Off 1 Results for SWB-19 category r on drive 83 Summary: 12 sent, 0 blocked, 12 not blocked ****** Signal Log ***** SIGNAL: n Assertion Expected Results	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ed
Results:	1 SWB-19 <0A> 82 Allowed 0000 off12 SWB-19 <42> 82 Allowed 0000 off1Results for SWB-19 category r on drive 820 SWB-19 <02> 83 Allowed 0000 off1 SWB-19 <0A> 83 Allowed 0000 off12 SWB-19 <42> 83 Allowed 0000 off1Results for SWB-19 category r on drive 83Summary: 12 sent, 0 blocked, 12 not blocked****** Signal Log *****SIGNAL: nAm-07Tool active message	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ed Actual Results Tool active message
Results:	1 SWB-19 <0A> 82 Allowed 0000 off12 SWB-19 <42> 82 Allowed 0000 off1Results for SWB-19 category r on drive 820 SWB-19 <02> 83 Allowed 0000 off1 SWB-19 <0A> 83 Allowed 0000 off12 SWB-19 <42> 83 Allowed 0000 off1Results for SWB-19 category r on drive 83Summary: 12 sent, 0 blocked, 12 not blocked***** Signal Log *****SIGNAL: nAssertionExpected ResultsAM-07Tool active messageAM-084 drives identified	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ed Actual Results Tool active message 4 drives identified
Results:	1 SWB-19 <0A> 82 Allowed 0000 off12 SWB-19 <42> 82 Allowed 0000 off1Results for SWB-19 category r on drive 820 SWB-19 <02> 83 Allowed 0000 off1 SWB-19 <0A> 83 Allowed 0000 off12 SWB-19 <42> 83 Allowed 0000 off12 SWB-19 <42> 83 Allowed 0000 off1Results for SWB-19 category r on drive 83Summary: 12 sent, 0 blocked, 12 not blocked***** Signal Log *****SIGNAL: nAssertion Expected ResultsAM-07Tool active messageAM-084 drives identifiedAM-09Drive 80 is unprotectedAM-09Drive 81 is unprotected	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ed Actual Results Tool active message 4 drives identified Drive 80 is unprotected Drive 81 is unprotected
Results:	1 SWB-19 <0A> 82 Allowed 0000 off12 SWB-19 <42> 82 Allowed 0000 off1Results for SWB-19 category r on drive 820 SWB-19 <02> 83 Allowed 0000 off1 SWB-19 <0A> 83 Allowed 0000 off12 SWB-19 <42> 83 Allowed 0000 off1Results for SWB-19 category r on drive 83Summary: 12 sent, 0 blocked, 12 not blocked***** Signal Log *****SIGNAL: nAssertionExpected ResultsAM-07Tool active messageAM-084 drives identifiedAM-09Drive 80 is unprotectedAM-09Drive 81 is unprotectedAM-09Drive 82 is unprotected	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ed Actual Results Tool active message 4 drives identified Drive 80 is unprotected Drive 81 is unprotected Drive 82 is unprotected
Results:	1 SWB-19 <0A> 82 Allowed 0000 off12 SWB-19 <42> 82 Allowed 0000 off1Results for SWB-19 category r on drive 820 SWB-19 <02> 83 Allowed 0000 off1 SWB-19 <0A> 83 Allowed 0000 off12 SWB-19 <42> 83 Allowed 0000 off12 SWB-19 <42> 83 Allowed 0000 off1Results for SWB-19 category r on drive 83Summary: 12 sent, 0 blocked, 12 not blocked***** Signal Log *****SIGNAL: nAssertion Expected ResultsAM-07Tool active messageAM-084 drives identifiedAM-09Drive 80 is unprotectedAM-09Drive 81 is unprotectedAM-09Drive 82 is unprotectedAM-09Drive 83 is protected	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ed Actual Results Tool active message 4 drives identified Drive 80 is unprotected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is protected
Results:	<pre>1 SWB-19 <0A> 82 Allowed 0000 off 1 2 SWB-19 <42> 82 Allowed 0000 off 1 Results for SWB-19 category r on drive 82 0 SWB-19 <02> 83 Allowed 0000 off 1 1 SWB-19 <0A> 83 Allowed 0000 off 1 2 SWB-19 <42> 83 Allowed 0000 off 1 Results for SWB-19 category r on drive 83 Summary: 12 sent, 0 blocked, 12 not blocked ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is unprotected AM-09 Drive 81 is unprotected AM-09 Drive 82 is unprotected AM-09 Drive 83 is protected AM-01 0 Commands return fail</pre>	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ed Actual Results Tool active message 4 drives identified Drive 80 is unprotected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is protected 0 Commands return fail
Results:	1 SWB-19 <0A> 82 Allowed 0000 off12 SWB-19 <42> 82 Allowed 0000 off1Results for SWB-19 category r on drive 820 SWB-19 <02> 83 Allowed 0000 off1 SWB-19 <0A> 83 Allowed 0000 off12 SWB-19 <42> 83 Allowed 0000 off1Results for SWB-19 category r on drive 83Summary: 12 sent, 0 blocked, 12 not blocked***** Signal Log *****SIGNAL: nAssertionExpected ResultsAM-07Tool active messageAM-084 drives identifiedAM-09Drive 80 is unprotectedAM-09Drive 81 is unprotectedAM-09Drive 83 is protectedAM-09Drive 83 is protected	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ed Actual Results Tool active message 4 drives identified Drive 80 is unprotected Drive 81 is unprotected Drive 83 is protected 0 Commands return fail No cmds to drive 83 blocked
Results:	1 SWB-19 <0A> 82 Allowed 0000 off12 SWB-19 <42> 82 Allowed 0000 off1Results for SWB-19 category r on drive 820 SWB-19 <02> 83 Allowed 0000 off1 SWB-19 <0A> 83 Allowed 0000 off12 SWB-19 <42> 83 Allowed 0000 off1Results for SWB-19 category r on drive 83Summary: 12 sent, 0 blocked, 12 not block***** Signal Log *****SIGNAL: nAssertion Expected ResultsAM-07Tool active messageAM-084 drives identifiedAM-09Drive 80 is unprotectedAM-09Drive 81 is unprotectedAM-09Drive 83 is protectedAM-09Drive 83 is protectedAM-0110 Commands return failAO-07No cmds to drive 80 blocked	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ed Actual Results Tool active message 4 drives identified Drive 80 is unprotected Drive 81 is unprotected Drive 83 is protected Drive 83 is protected 0 Commands return fail No cmds to drive 83 blocked No cmds to drive 80 blocked
Results:	1 SWB-19 <0A> 82 Allowed 0000 off12 SWB-19 <42> 82 Allowed 0000 off1Results for SWB-19 category r on drive 820 SWB-19 <02> 83 Allowed 0000 off1 SWB-19 <0A> 83 Allowed 0000 off12 SWB-19 <42> 83 Allowed 0000 off1Results for SWB-19 category r on drive 83Summary: 12 sent, 0 blocked, 12 not blocked***** Signal Log *****SIGNAL: nAssertionExpected ResultsAM-07Tool active messageAM-084 drives identifiedAM-09Drive 80 is unprotectedAM-09Drive 81 is unprotectedAM-09Drive 83 is protectedAM-09Drive 83 is protected	No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ed Actual Results Tool active message 4 drives identified Drive 80 is unprotected Drive 81 is unprotected Drive 83 is protected 0 Commands return fail No cmds to drive 83 blocked

Case SWB-19 PDBlock Version 2.10				
	AO-10	No signal observed	No signal observed	
Analysis:	SWB-19 Expe	cted results achieved		

0.00.000	ock Version 2.10	
Case summary:	SWB-20 Install all drives, configure return code to success, protect with pattern not_mid, execute read commands.	
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message	
Tested:	indicating that the tool is active.	
	SWB-AM-08. If the tool is executed then the tool shall issue a message	
	indicating all drives accessible by the covered interfaces.	
	-	
	SWB-AM-09. If the tool is executed then the tool shall issue a message	
	indicating the protection status of each drive attached to a	
	covered interface.	
	SWB-AM-10. If the tool is configured to return success on blocked	
	commands and the tool blocks a command then the return code shall	
	indicate successful command execution.	
	SWB-AO-04. If a subset of all covered drives is specified for	
	protection, then commands from the read category shall not be	
	blocked for drives in the selected subset.	
	SWB-A0-07. If a subset of all covered drives is specified for	
	protection, then no commands from any category shall be blocked for	
	drives not in the selected subset.	
	SWB-AO-10. If the tool blocks a command then the tool shall issue	
	either an audio or a visual signal.	
Tester Name:	PEB	
Test Date:	Fri Sep 24 14:31:28 2004	
Test PC:	Joe	
Test Software:	SWBT 1.0	
Hard Drives	Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors	
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors	
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors	
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors	
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]	
executed:	A:\tally13	
	A:\pdblock 013	
	A:\test-hdl SWB-20 Joe PEB r F5 F6 E3 E4	
	A:\sig-log SWB-20 Joe PEB	
	Shutdown Test PC	
Log File	***** Monitor Execution *****	
Highlights:	Monitor BIOS interrupt 13h (disk service)	
	tally13 compiled on 07/29/03 at 07:33:17	
	@(#) Version 1.1 Created 07/29/03 at 07:28:05	
	Now (09/24/04 at 14:31:01) Going TSR	
	***** Install PDB Log *****	
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er	
	Drives Protected: 0,1,3	
	Return Code: SUCCESS	
	Message: ON	
	Drive Mode Length Size (Mb)	
	0 LBA 40188960 19623	
	CHS 16434495 8024	
	1 LBA 40188960 19623	
	1 LBA 40188960 19623 CHS 16434495 8024	
	1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759	
	1 LBA 40188960 19623 CHS 16434495 8024	
	1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759	
	1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024	
	1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759	
	1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024	
	1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024 ****** Test Harness Log *****	
	1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024 ***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-20 Joe PEB r F5 F6 E3 E4 Case: SWB-20	
	1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024 ***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-20 Joe PEB r F5 F6 E3 E4	
	1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024 ***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-20 Joe PEB r F5 F6 E3 E4 Case: SWB-20 Command set: Read	
	<pre>1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024 ***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-20 Joe PEB r F5 F6 E3 E4 Case: SWB-20 Command set: Read Date: Fri Sep 24 14:31:28 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51</pre>	
	<pre>1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024 ***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-20 Joe PEB r F5 F6 E3 E4 Case: SWB-20 Command set: Read Date: Fri Sep 24 14:31:28 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19</pre>	
	<pre>1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024 ***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-20 Joe PEB r F5 F6 E3 E4 Case: SWB-20 Command set: Read Date: Fri Sep 24 14:31:28 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51</pre>	

Case SWB-20 PI	DBIOCK VEISION 2.10			
	Number of drives 4, Drives: F5 F6 E3 E4			
	Case Cmd Drv Action Stat Cry Cou			
	0 SWB-20 <02> 80 Allowed 0000 Off			
	1 SWB-20 <0A> 80 Allowed 0000 Off			
	2 SWB-20 <42> 80 Allowed 0000 Off			
	Results for SWB-20 category r on drive			
		1 ReadSectors		
	1 SWB-20 <0A> 81 Allowed 0000 Off	5		
		1 ExtRead		
	Results for SWB-20 category r on drive			
	0 SWB-20 <02> 82 Allowed 0000 Off 1 SWB-20 <0A> 82 Allowed 0000 Off	1 ReadSectors		
	2 SWB-20 <42> 82 Allowed 0000 Off			
	Results for SWB-20 category r on drive			
	0 SWB-20 <02> 83 Allowed 0000 Off			
	1 SWB-20 <02> 83 Allowed 0000 Off	1 ReadLong		
	2 SWB-20 <42> 83 Allowed 0000 Off 1 ExtRead			
	2 SWB-20 <42> 83 Allowed 0000 Off	1 ExtRead		
	2 SWB-20 <42> 83 Allowed 0000 Off	1 ExtRead		
	2 SWB-20 <42> 83 Allowed 0000 Off Results for SWB-20 category r on drive Summary: 12 sent, 0 blocked, 12 not blo	1 ExtRead 83 No commands blocked (0 of 3)		
	2 SWB-20 <42> 83 Allowed 0000 Off Results for SWB-20 category r on drive	1 ExtRead 83 No commands blocked (0 of 3)		
Results:	2 SWB-20 <42> 83 Allowed 0000 Off Results for SWB-20 category r on drive Summary: 12 sent, 0 blocked, 12 not blo ***** Signal Log *****	1 ExtRead 83 No commands blocked (0 of 3)		
Results:	2 SWB-20 <42> 83 Allowed 0000 Off Results for SWB-20 category r on drive Summary: 12 sent, 0 blocked, 12 not blo ***** Signal Log ***** SIGNAL: n	1 ExtRead 83 No commands blocked (0 of 3) cked		
Results:	2 SWB-20 <42> 83 Allowed 0000 Off Results for SWB-20 category r on drive Summary: 12 sent, 0 blocked, 12 not blo ***** Signal Log ***** SIGNAL: n Assertion Expected Results	1 ExtRead 83 No commands blocked (0 of 3) oked Actual Results		
Results:	2 SWB-20 <42> 83 Allowed 0000 Off Results for SWB-20 category r on drive Summary: 12 sent, 0 blocked, 12 not blo ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message	1 ExtRead 83 No commands blocked (0 of 3) oked Actual Results Tool active message		
Results:	2 SWB-20 <42> 83 Allowed 0000 Off Results for SWB-20 category r on drive Summary: 12 sent, 0 blocked, 12 not blo ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified	<pre>1 ExtRead 83 No commands blocked (0 of 3) cked Actual Results Tool active message 4 drives identified</pre>		
Results:	2 SWB-20 <42> 83 Allowed 0000 Off Results for SWB-20 category r on drive Summary: 12 sent, 0 blocked, 12 not blo ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected	<pre>1 ExtRead 83 No commands blocked (0 of 3) cked Actual Results Tool active message 4 drives identified Drive 80 is protected</pre>		
Results:	2 SWB-20 <42> 83 Allowed 0000 Off Results for SWB-20 category r on drive Summary: 12 sent, 0 blocked, 12 not blo ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is protected	<pre>1 ExtRead 83 No commands blocked (0 of 3) cked Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected</pre>		
Results:	2 SWB-20 <42> 83 Allowed 0000 Off Results for SWB-20 category r on drive Summary: 12 sent, 0 blocked, 12 not blo ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is protected AM-09 Drive 82 is unprotected	<pre>1 ExtRead 83 No commands blocked (0 of 3) cked Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected</pre>		
Results:	2 SWB-20 <42> 83 Allowed 0000 Off Results for SWB-20 category r on drive Summary: 12 sent, 0 blocked, 12 not blo ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is protected AM-09 Drive 82 is unprotected AM-09 Drive 83 is protected	<pre>1 ExtRead 83 No commands blocked (0 of 3) cked Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is protected 0 Commands return success</pre>		
Results:	2 SWB-20 <42> 83 Allowed 0000 Off Results for SWB-20 category r on drive Summary: 12 sent, 0 blocked, 12 not blo ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is protected AM-09 Drive 82 is unprotected AM-09 Drive 83 is protected AM-00 0 Commands return success	<pre>1 ExtRead 33 No commands blocked (0 of 3) cked Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is protected 0 Commands return success No cmds to drive 80 blocked</pre>		
Results:	2 SWB-20 <42> 83 Allowed 0000 Off Results for SWB-20 category r on drive Summary: 12 sent, 0 blocked, 12 not blo ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is protected AM-09 Drive 82 is unprotected AM-09 Drive 83 is protected AM-10 0 Commands return success AO-04 No cmds to drive 80 blocked	<pre>1 ExtRead 33 No commands blocked (0 of 3) cked Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is protected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 81 blocked</pre>		
Results:	2 SWB-20 <42> 83 Allowed 0000 Off Results for SWB-20 category r on drive Summary: 12 sent, 0 blocked, 12 not blo ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is protected AM-09 Drive 81 is protected AM-09 Drive 83 is protected AM-09 Drive 83 is protected AM-10 0 Commands return success AO-04 No cmds to drive 80 blocked	<pre>1 ExtRead 83 No commands blocked (0 of 3) cked Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 83 is protected Drive 83 is protected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 81 blocked No cmds to drive 83 blocked</pre>		
Results:	2 SWB-20 <42> 83 Allowed 0000 Off Results for SWB-20 category r on drive Summary: 12 sent, 0 blocked, 12 not blo ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is protected AM-09 Drive 82 is unprotected AM-09 Drive 83 is protected AM-09 Drive 83 is protected AM-10 0 Commands return success AO-04 No cmds to drive 80 blocked AO-04 No cmds to drive 81 blocked	<pre>1 ExtRead 83 No commands blocked (0 of 3) cked Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 83 is protected Drive 83 is protected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 81 blocked No cmds to drive 83 blocked</pre>		

Case summary:	SWB-21 Install all drives, configure return code to failure, protect		
case summary.	with pattern high, execute information commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
icoccu	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands and the tool blocks a command then the return code shall indicate unsuccessful command execution.		
	SWB-AO-06. If a subset of all covered drives is specified for		
	protection, then commands from the information category shall not be blocked for drives in the selected subset.		
	SWB-AO-07. If a subset of all covered drives is specified for		
	protection, then no commands from any category shall be blocked for drives not in the selected subset.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Sep 24 14:34:48 2004		
Test PC:	Joe		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors		
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors		
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		

executed:	A:\tally13			
chicoladda	A:\pdblock 23 /fail			
	A:\test-hdl SWB-21 Joe PEB i F5 F6 E3 E4			
	A:\sig-log SWB-21 Joe PEB			
	Shutdown Test PC			
log File	***** Monitor Execution *****			
Highlights:	Monitor BIOS interrupt 13h (disk service)			
	tally13 compiled on 07/29/03 at 07:33:17			
	@(#) Version 1.1 Created 07/29/03 at 07:28:05			
	Now (09/24/04 at 14:34:21) Going TSR			
	***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er			
	Drives Protected: 2,3			
	Return Code: FAILURE			
	Bell: ON			
	Message: ON			
	Drive Mode Length Size (Mb)			
	0 LBA 40188960 19623			
	CHS 16434495 8024			
	1 LBA 40188960 19623			
	CHS 16434495 8024			
	2 LBA 17938985 8759			
	CHS 16434495 8024			
	3 LBA 17938985 8759			
	CHS 16434495 8024 ***** Test Harness Log *****			
	CMD: A:\TEST-HDL.EXE SWB-21 Joe PEB i F5 F6 E3 E4			
	Case: SWB-21			
	Command set: Information			
	Date: Fri Sep 24 14:34:48 2004			
	-			
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51			
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19			
	Compiled on Aug 31 2003 at 08:10:54			
	Operator: PEB			
	Host: Joe			
	Number of drives 4, Drives: F5 F6 E3 E4			
	Case Cmd Drv Action Stat Cry Count Cmd Name			
	0 SWB-21 <01> 80 Allowed 0000 Off 1 GetLastStatus 1 SWB-21 <04> 80 Allowed 0000 Off 1 VerifySectors			
	1 SWB-21 <04> 80 Allowed 0000 Off 1 VerifySectors			
	2 SWR-21 COS 80 Allowed 0000 Off 1 ReadDriveDarms			
	2 SWB-21 <08> 80 Allowed 0000 Off 1 ReadDriveParms 3 SWB-21 <10> 80 Allowed 0000 Off 1 TestDrivePardy			
	3 SWB-21 <10> 80 Allowed 0000 Off 1 TestDriveReady			
	3 SWB-21 <10> 80 Allowed 0000 Off 1 TestDriveReady 4 SWB-21 <15> 80 Allowed 0000 Off 1 ReadDriveType			
	3 SWB-21 <10> 80 Allowed 0000 Off 1 TestDriveReady 4 SWB-21 <15> 80 Allowed 0000 Off 1 ReadDriveType 5 SWB-21 <41> 80 Allowed 0000 Off 1 CheckForExtensions			
	3 SWB-21 <10> 80 Allowed 0000 Off 1 TestDriveReady 4 SWB-21 <15> 80 Allowed 0000 Off 1 ReadDriveType 5 SWB-21 <41> 80 Allowed 0000 Off 1 CheckForExtensions			
	3 SWB-21 <10> 80 Allowed 0000 Off 1 TestDriveReady 4 SWB-21 <15> 80 Allowed 0000 Off 1 ReadDriveType 5 SWB-21 <41> 80 Allowed 0000 Off 1 CheckForExtensions 6 SWB-21 <44> 80 Allowed 0000 Off 1 VerifySectors 7 SWB-21 <48> 80 Allowed 0000 Off 1 GetDriveParms			
	3 SWB-21 <10> 80 Allowed 0000 Off 1 TestDriveReady 4 SWB-21 <15> 80 Allowed 0000 Off 1 ReadDriveType 5 SWB-21 <41> 80 Allowed 0000 Off 1 CheckForExtensions 6 SWB-21 <44> 80 Allowed 0000 Off 1 VerifySectors 7 SWB-21 <48> 80 Allowed 0000 Off 1 GetDriveParms			
	3 SWB-21 <10> 80 Allowed 0000 Off 1 TestDriveReady 4 SWB-21 <15> 80 Allowed 0000 Off 1 ReadDriveType 5 SWB-21 <41> 80 Allowed 0000 Off 1 CheckForExtensions 6 SWB-21 <44> 80 Allowed 0000 Off 1 VerifySectors 7 SWB-21 <48> 80 Allowed 0000 Off 1 GetDriveParms Results for SWB-21 category i on drive 80 No commands blocked (0 of 8) 0 SWB-21 <01> 81 Allowed 0000 Off 1 GetLastStatus 1 SWB-21 <04> 81 Allowed 0000 Off 1 VerifySectors			
	3 SWB-21 <10> 80 Allowed 0000 Off 1 TestDriveReady 4 SWB-21 <15> 80 Allowed 0000 Off 1 ReadDriveType 5 SWB-21 <41> 80 Allowed 0000 Off 1 CheckForExtensions 6 SWB-21 <44> 80 Allowed 0000 Off 1 VerifySectors 7 SWB-21 <48> 80 Allowed 0000 Off 1 GetDriveParms Results for SWB-21 category i on drive 80 No commands blocked (0 of 8) 0 SWB-21 <04> 81 Allowed 0000 Off 1 GetLastStatus 1 SWB-21 <04> 81 Allowed 0000 Off 1 ReadDriveParms 2 SWB-21 <08> 81 Allowed 0000 Off 1 ReadDriveParms			
	3 SWB-21 <10> 80 Allowed 0000 Off 1 TestDriveReady 4 SWB-21 <15> 80 Allowed 0000 Off 1 ReadDriveType 5 SWB-21 <41> 80 Allowed 0000 Off 1 CheckForExtensions 6 SWB-21 <44> 80 Allowed 0000 Off 1 VerifySectors 7 SWB-21 <48> 80 Allowed 0000 Off 1 GetDriveParms Results for SWB-21 category i on drive 80 No commands blocked (0 of 8) 0 SWB-21 <01> 81 Allowed 0000 Off 1 GetLastStatus 1 SWB-21 <04> 81 Allowed 0000 Off 1 VerifySectors 2 SWB-21 <08> 81 Allowed 0000 Off 1 ReadDriveParms 3 SWB-21 <01> 81 Allowed 0000 Off 1 TestDriveReady			
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Case SWB-21 PDB			
		<41> 83 Allowed 0000 Off	
		<44> 83 Allowed 0000 Off	-
		<48> 83 Allowed 0000 Off	
		SWB-21 category i on drive 83	
	Summary: 32	sent, 0 blocked, 32 not block	ced
	***** Signa	l Log *****	
	SIGNAL: n		
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	4 drives identified	4 drives identified
	AM-09	Drive 80 is unprotected	Drive 80 is unprotected
	AM-09	Drive 81 is unprotected	Drive 81 is unprotected
	AM-09	Drive 82 is protected	Drive 82 is protected
	AM-09	Drive 83 is protected	Drive 83 is protected
	AM-11	0 Commands return fail	0 Commands return fail
	AO-06	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	AO-06	No cmds to drive 83 blocked	No cmds to drive 83 blocked
	AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-07	No cmds to drive 81 blocked	No cmds to drive 81 blocked
			27 1 2 2 2
	AO-10	No signal observed	No signal observed

Case SWB-22 PDB1	ock Version 2.10
Case summary:	SWB-22 Install all drives, configure return code to success, protect
	with pattern not_first, execute information commands.
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message
Tested:	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message
	indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message
	indicating the protection status of each drive attached to a
	covered interface.
	SWB-AM-10. If the tool is configured to return success on blocked
	commands and the tool blocks a command then the return code shall indicate successful command execution.
	SWB-AO-06. If a subset of all covered drives is specified for
	protection, then commands from the information category shall not be blocked for drives in the selected subset.
	SWB-A0-07. If a subset of all covered drives is specified for
	protection, then no commands from any category shall be blocked for
	drives not in the selected subset.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
	either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Fri Sep 24 14:47:19 2004
Test PC:	Joe
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\tally13
	A:\pdblock 123
	A:\test-hdl SWB-22 Joe PEB i F5 F6 E3 E4
	A:\sig-log SWB-22 Joe PEB
	Shutdown Test PC
Log File	***** Monitor Execution *****
Highlights:	Monitor BIOS interrupt 13h (disk service)
	tally13 compiled on 07/29/03 at 07:33:17
	@(#) Version 1.1 Created 07/29/03 at 07:28:05
	Now (09/24/04 at 14:46:52) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 1,2,3
	Return Code: SUCCESS

Case SWB-22 PDB1	Lock Version 2.10
	Bell: ON
	Message: ON
	Drive Mode Length Size (Mb)
	0 LBA 40188960 19623
	CHS 16434495 8024
	1 LBA 40188960 19623
	CHS 16434495 8024
	2 LBA 17938985 8759
	CHS 16434495 8024
	3 LBA 17938985 8759
	CHS 16434495 8024
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-22 Joe PEB i F5 F6 E3 E4
	Case: SWB-22
	Command set: Information
	Date: Fri Sep 24 14:47:19 2004
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19
	Compiled on Aug 31 2003 at 08:10:54
	Operator: PEB
	Host: Joe
	Number of drives 4, Drives: F5 F6 E3 E4
	Case Cmd Drv Action Stat Cry Count Cmd Name
	0 SWB-22 <01> 80 Allowed 0000 Off 1 GetLastStatus
	1 SWB-22 <04> 80 Allowed 0000 Off 1 VerifySectors
	2 SWB-22 <08> 80 Allowed 0000 Off 1 ReadDriveParms
	3 SWB-22 <10> 80 Allowed 0000 Off 1 TestDriveReady
	4 SWB-22 <15> 80 Allowed 0000 Off 1 ReadDriveType
	5 SWB-22 <41> 80 Allowed 0000 Off 1 CheckForExtensions
	6 SWB-22 <44> 80 Allowed 0000 Off 1 VerifySectors
	7 SWB-22 <48> 80 Allowed 0000 Off 1 GetDriveParms
	Results for SWB-22 category i on drive 80 No commands blocked (0 of 8)
	0 SWB-22 <01> 81 Allowed 0000 Off 1 GetLastStatus
	1 SWB-22 <04> 81 Allowed 0000 Off 1 VerifySectors
	2 SWB-22 <08> 81 Allowed 0000 Off 1 ReadDriveParms
	3 SWB-22 <10> 81 Allowed 0000 Off 1 TestDriveReady
	4 SWB-22 <15> 81 Allowed 0000 Off 1 ReadDriveType
	5 SWB-22 <41> 81 Allowed 0000 Off 1 CheckForExtensions
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	Results for SWB-22 category i on drive 81 No commands blocked (0 of 8)
	0 SWB-22 <01> 82 Allowed 0000 Off 1 GetLastStatus
	1 SWB-22 <04> 82 Allowed 0000 Off 1 VerifySectors
	2 SWB-22 <08> 82 Allowed 0000 Off 1 ReadDriveParms
	3 SWB-22 <10> 82 Allowed 0000 Off 1 TestDriveReady
	4 SWB-22 <15> 82 Allowed 0000 Off 1 ReadDriveType
	5 SWB-22 <41> 82 Allowed 0000 Off 1 CheckForExtensions
	6 SWB-22 <44> 82 Allowed 0000 Off 1 VerifySectors
	7 SWB-22 <48> 82 Allowed 0000 Off 1 GetDriveParms
	Results for SWB-22 category i on drive 82 No commands blocked (0 of 8)
	0 SWB-22 <01> 83 Allowed 0000 Off 1 GetLastStatus
	1 SWB-22 <04> 83 Allowed 0000 Off 1 VerifySectors
	2 SWB-22 <08> 83 Allowed 0000 Off 1 ReadDriveParms
	3 SWB-22 <10> 83 Allowed 0000 Off 1 TestDriveReady
	4 SWB-22 <15> 83 Allowed 0000 Off 1 ReadDriveType
	5 SWB-22 <41> 83 Allowed 0000 Off 1 CheckForExtensions
	6 SWB-22 <44> 83 Allowed 0000 Off 1 VerifySectors
	7 SWB-22 <48> 83 Allowed 0000 Off 1 GetDriveParms
	Results for SWB-22 category i on drive 83 No commands blocked (0 of 8)
	Summary: 32 sent, 0 blocked, 32 not blocked
	Summer - 52 Bene, 6 Drocked, 52 not Drocked
	***** Signal Log *****
	SIGNAL: n
1+-·	
esults:	Assertion Expected Results Actual Results
esults:	AM-07 Tool active message Tool active message
esults:	

AM-09	Drive 81 is protected	Drive 81 is protected
AM-09	Drive 82 is protected	Drive 82 is protected
AM-09	Drive 83 is protected	Drive 83 is protected
AM-10	0 Commands return success	0 Commands return success
AO-06	No cmds to drive 81 blocked	No cmds to drive 81 blocked
AO-06	No cmds to drive 82 blocked	No cmds to drive 82 blocked
A0-06	No cmds to drive 83 blocked	No cmds to drive 83 blocked
AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked
AO-10	No signal observed	No signal observed

Case SWB-23 PDB1	ock Version 2.10			
Case summary:	SWB-23 Install all drives, configure return code to failure, protect			
	with pattern random_u, execute control commands.			
Assertions Tested:	SWB-AM-07. If the tool is executed then the tool shall issue a message indicating that the tool is active.			
icsecu.	SWB-AM-08. If the tool is executed then the tool shall issue a message			
	indicating all drives accessible by the covered interfaces.			
	SWB-AM-09. If the tool is executed then the tool shall issue a message			
	indicating the protection status of each drive attached to a covered interface.			
	SWB-AM-11. If the tool is configured to return fail on blocked commands			
	and the tool blocks a command then the return code shall indicate unsuccessful command execution.			
	SWB-AO-05. If a subset of all covered drives is specified for			
	protection, then commands from the control category shall not be			
	blocked for drives in the selected subset.			
	SWB-A0-07. If a subset of all covered drives is specified for			
	protection, then no commands from any category shall be blocked for			
	drives not in the selected subset.			
	SWB-AO-10. If the tool blocks a command then the tool shall issue			
	either an audio or a visual signal.			
Tester Name:	PEB			
Test Date:	Fri Sep 24 14:51:00 2004			
Test PC:	Joe			
Test Software:	SWBT 1.0			
Hard Drives	Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors			
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors			
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors			
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]			
executed:	A:\tally13			
	A:\pdblock 023 /fail			
	A:\test-hdl SWB-23 Joe PEB c F5 F6 E3 E4			
	A:\sig-log SWB-23 Joe PEB			
	Shutdown Test PC			
Log File	***** Monitor Execution *****			
Highlights:	Monitor BIOS interrupt 13h (disk service)			
	tally13 compiled on 07/29/03 at 07:33:17			
	@(#) Version 1.1 Created 07/29/03 at 07:28:05			
	Now (09/24/04 at 14:50:33) Going TSR ***** Install PDB Log *****			
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er			
	Drives Protected: 0,2,3			
	Return Code: FAILURE			
	Bell: ON			
	Message: ON			
	Drive Mode Length Size (Mb)			
	0 LBA 40188960 19623			
	CHS 16434495 8024			
	1 LBA 40188960 19623			
	CHS 16434495 8024			
	2 LBA 17938985 8759			
	CHS 16434495 8024			
	3 LBA 17938985 8759			
	CHS 16434495 8024			
	***** Test Harness Log *****			
	CMD: A:\TEST-HDL.EXE SWB-23 Joe PEB c F5 F6 E3 E4			

Case SWB-23 PDB	lock Version 2.10			
	Case: SWB-23			
	Command set: Control			
	Date: Fri Sep 24 14:51:00 2004			
	_			
		Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19		
	Compiled on Aug 31 2003 at 08:10:	54		
	Operator: PEB			
	Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count	- Cmd Name		
	-	l Reset		
		l SeekDrive		
		l AltReset		
	3 SWB-23 <11> 80 Allowed 0000 Off	l Recalibrate		
	4 SWB-23 <47> 80 Allowed 0000 Off			
	Results for SWB-23 category c on drive 80			
		l Reset		
		l SeekDrive		
		l AltReset		
		l Recalibrate		
		l ExtendedSeek		
	Results for SWB-23 category c on drive 83			
	0 SWB-23 <00> 82 Allowed 0000 Off	l Reset		
	1 SWB-23 <oc> 82 Allowed 0000 Off</oc>	l SeekDrive		
	2 SWB-23 <0D> 82 Allowed 0000 Off	l AltReset		
	3 SWB-23 <11> 82 Allowed 0000 Off	l Recalibrate		
	4 SWB-23 <47> 82 Allowed 0000 Off	l ExtendedSeek		
	Results for SWB-23 category c on drive 82	2 No commands blocked (0 of 5)		
	0 SWB-23 <00> 83 Allowed 0000 Off	l Reset		
		l SeekDrive		
	2 SWB-23 <0D> 83 Allowed 0000 Off 3 SWB-23 <11> 83 Allowed 0000 Off	l AltReset		
	3 SWB-23 <11> 83 Allowed 0000 Off	l Recalibrate		
	4 SWB-23 <47> 83 Allowed 0000 Off	l FytendedSeek		
		EACCHACADCCK		
	Results for SWB-23 category c on drive 83			
	Results for SWB-23 category c on drive 8 Summary: 20 sent, 0 blocked, 20 not block	3 No commands blocked (0 of 5)		
		3 No commands blocked (0 of 5)		
	Summary: 20 sent, 0 blocked, 20 not block	3 No commands blocked (0 of 5)		
	Summary: 20 sent, 0 blocked, 20 not block	3 No commands blocked (0 of 5) Ked		
Results:	Summary: 20 sent, 0 blocked, 20 not block	3 No commands blocked (0 of 5)		
Results:	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n	3 No commands blocked (0 of 5) Ked		
Results:	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results	No commands blocked (0 of 5) ced Actual Results		
Results:	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message	3 No commands blocked (0 of 5) ced Actual Results Tool active message 4 drives identified		
Results:	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected	3 No commands blocked (0 of 5) ced Actual Results Tool active message		
Results:	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected	Actual Results Tool active message 4 drives identified Drive 80 is protected		
Results:	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected	Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected		
Results:	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected AM-09 Drive 83 is protected	Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is protected		
Results:	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail	Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is protected 0 Commands return fail		
Results:	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail AO-05 No cmds to drive 80 blocked	Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is protected 0 Commands return fail No cmds to drive 80 blocked		
Results:	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail AO-05 No cmds to drive 80 blocked AO-05 No cmds to drive 82 blocked	Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is protected Drive 83 is protected 0 Commands return fail No cmds to drive 80 blocked No cmds to drive 82 blocked		
Results:	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail AO-05 No cmds to drive 80 blocked AO-05 No cmds to drive 83 blocked	Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is protected Drive 83 is protected 0 Commands return fail No cmds to drive 80 blocked No cmds to drive 83 blocked		
Results:	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail AO-05 No cmds to drive 80 blocked AO-05 No cmds to drive 83 blocked AO-07 No cmds to drive 81 blocked	Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is protected 0 Commands return fail No cmds to drive 80 blocked No cmds to drive 82 blocked No cmds to drive 83 blocked No cmds to drive 81 blocked		
	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 81 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail AO-05 No cmds to drive 80 blocked AO-05 No cmds to drive 82 blocked AO-05 No cmds to drive 83 blocked AO-07 No cmds to drive 81 blocked AO-10 No signal observed	Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is protected Drive 83 is protected 0 Commands return fail No cmds to drive 80 blocked No cmds to drive 83 blocked		
	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail AO-05 No cmds to drive 80 blocked AO-05 No cmds to drive 83 blocked AO-07 No cmds to drive 81 blocked	Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is protected Drive 83 is protected 0 Commands return fail No cmds to drive 80 blocked No cmds to drive 82 blocked No cmds to drive 83 blocked No cmds to drive 81 blocked		
Analysis:	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail AO-05 No cmds to drive 80 blocked AO-05 No cmds to drive 82 blocked AO-05 No cmds to drive 83 blocked AO-07 No cmds to drive 81 blocked AO-10 No signal observed SWB-23 Expected results achieved	Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is protected Drive 83 is protected 0 Commands return fail No cmds to drive 80 blocked No cmds to drive 82 blocked No cmds to drive 83 blocked No cmds to drive 81 blocked		
Analysis: Case SWB-24 PDB	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 83 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail AO-05 No cmds to drive 80 blocked AO-05 No cmds to drive 82 blocked AO-05 No cmds to drive 83 blocked AO-07 No cmds to drive 81 blocked AO-10 No signal observed SWB-23 Expected results achieved	Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is protected Drive 83 is protected 0 Commands return fail No cmds to drive 80 blocked No cmds to drive 82 blocked No cmds to drive 83 blocked No cmds to drive 81 blocked No signal observed		
Analysis:	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 83 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail AO-05 No cmds to drive 80 blocked AO-05 No cmds to drive 82 blocked AO-05 No cmds to drive 83 blocked AO-05 No cmds to drive 81 blocked AO-07 No cmds to drive 81 blocked AO-10 No signal observed SWB-23 Expected results achieved	Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is protected 0 Commands return fail No cmds to drive 80 blocked No cmds to drive 82 blocked No cmds to drive 83 blocked No cmds to drive 81 blocked No signal observed		
Analysis: Case SWB-24 PDB Case summary:	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail AO-05 No cmds to drive 80 blocked AO-05 No cmds to drive 82 blocked AO-05 No cmds to drive 83 blocked AO-07 No cmds to drive 81 blocked AO-10 No signal observed SWB-23 Expected results achieved SWB-24 Install all drives, configure return with pattern even, execute control command	Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is protected Drive 83 is protected 0 Commands return fail No cmds to drive 80 blocked No cmds to drive 82 blocked No cmds to drive 83 blocked No cmds to drive 81 blocked No signal observed urn code to success, protect nds.		
Case summary: Assertions	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail AO-05 No cmds to drive 80 blocked AO-05 No cmds to drive 82 blocked AO-05 No cmds to drive 83 blocked AO-07 No cmds to drive 81 blocked AO-10 No signal observed SWB-23 Expected results achieved SWB-24 Install all drives, configure return with pattern even, execute control comman SWB-AM-07. If the tool is executed then a	Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 83 is protected Drive 83 is protected 0 Commands return fail No cmds to drive 80 blocked No cmds to drive 82 blocked No cmds to drive 83 blocked No cmds to drive 81 blocked No signal observed urn code to success, protect nds.		
Analysis: Case SWB-24 PDB Case summary:	Summary: 20 sent, 0 blocked, 20 not block ***** Signal Log ***** SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail AO-05 No cmds to drive 80 blocked AO-05 No cmds to drive 82 blocked AO-05 No cmds to drive 83 blocked AO-07 No cmds to drive 81 blocked AO-10 No signal observed SWB-23 Expected results achieved SWB-24 Install all drives, configure return with pattern even, execute control command	Actual Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 81 is unprotected Drive 82 is protected Drive 83 is protected 0 Commands return fail No cmds to drive 80 blocked No cmds to drive 82 blocked No cmds to drive 83 blocked No cmds to drive 81 blocked No signal observed urn code to success, protect nds. the tool shall issue a message		

Assertions	SWB-AM-07. II the tool is executed then the tool shall issue a message
Tested:	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message
	indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message
	indicating the protection status of each drive attached to a
	covered interface.
	SWB-AM-10. If the tool is configured to return success on blocked
	commands and the tool blocks a command then the return code shall
	indicate successful command execution.

SWI-A0-05. If a subset of all covered drives is specified for protection, then commands from the control category shall not be blocked for drives in the selected subset. SWI-A0-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for drives not in the selected subset. SWP-A0-10. If the tool blocks a command then the tool shall issue entry set of the selected subset. SWP-A0-10. If the tool blocks a command then the tool shall issue entry set. Test Date: Fei Sep 24 14:54:18 2004 Test Software: Boot Test. Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors Drive 81, label F6 is an TBM-DTLA-307020 with 40188960 sectors Drive 82, label E3 to a QUANTUM ATLASIOK2-TY092J with 17938985 sectors Drive 83, label F4 is a QUANTUM ATLASIOK2-TY092J with 17938985 sectors Commands Boot Test FC to (DS 7.1) Windows 98 (Version 4.10.2222) A:\Lest-hdl SWP-24 Joe FEB A:\tally13 Boot Test FC to (DA)(7)(3 at 07:33:	Case SWB-24 PDBlo	ock Version 2.10			
blocked for drives in the selected subset. SNB-AO-10. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for drives not in the selected subset. SNB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal. Test Date: Fri Sep 24 14:54:19 2004 Test DC: Joe Test Soltward Drives 0. label P5 is an IBM-DTLA-307020 with 40188960 sectors Drive 82. label P5 is an IBM-DTLA-307020 with 40188960 sectors Drive 82. label B3 is a QDATOM ATLASIOR2-TYD927 with 17938985 sectors Drive 82. label B3 is a QDATOM ATLASIOR2-TYD927 with 17938985 sectors Drive 82. label B3 is a QDATOM ATLASIOR2-TYD927 with 17938985 sectors Drive 82. label B4 is a QDATOM ATLASIOR2-TYD927 with 17938985 sectors Drive 82. label B4 is a QDATOM ATLASIOR2-TYD927 with 17938985 sectors Drive 82. label B4 is a QDATOM ATLASIOR2-TYD927 with 17938985 sectors Drive 82. label B4 is a QDATOM ATLASIOR2-TYD927 with 17938985 sectors Drive 82. label B4 is a QDATOM ATLASIOR2-TYD927 with 17938985 sectors Drive 82. label B4 is a QDATOM ATLASIOR2-TYD927 with 17938985 sectors Drive 82. label B4 is a QDATOM ATLASIOR2-TYD927 with 17938985 sectors Drive 82. label B4 is a QDATOM ATLASIOR2-TYD927 with 17938985 sectors Drive 92. label 93. Drive 92. VISTORS Write 105 USS 100 (9729/33 at 07:38:17 0 (1) Version 1.1 Created 07/29/33 at 07:38:17 0 (1) Version 1.1 Created 07/29/33 at 07:38:17 0 (1) Version 1.1 Created 07/29/33 at 07:38:17 0 (1) USA 101895 8759 1 CORS 1634495 8024 1 LBA 17038985 8759 1 CORS 1634495 8024 2 LBA 17038985 8759 1 CORS 1634495 8024 2 LBA 17038985 8759 1 CORS 1634495 8024 2 LBA 17038985 8759 1 CORS 1634495 0 CORS 12 4 2 H188 10 Allowed 0000 Cff 1 Reset 1 SWE-24 4 CORS 0 Allowed 0000 Cff 1 Reset 1 SWE-24 4 CORS 0 Allowed 0000 Cff 1 Reset 1 SWE-24 4 COR 80 A					
SWB-AO-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for drives not in the selected subset. SWB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal. Test PC: Joe Test PC: Joe Hard Drives Drive 80, label P5 is an IBM-DTLA-307020 with 40188960 sectors Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors Drive 82, label 25 is a QUANTUM ATLASION2-TV0927 with 17938985 sectors Drive 82, label 25 is a QUANTUM ATLASION2-TV0927 with 17938985 sectors Commands Boot Test PC to (Dos 7.1) Windows 98 [Version 41.0.2222] Aritest-hdl SWB-24 Joe PEB Sketuted: Aritelyse Aritest-hdl SWB-24 Joe PEB c F5 F6 E3 E4 Aritest-hdl SWB-24 Joe PEB Dig File Monitors DR0 Intervingh 13M (disk service) tallyl3 compiled on 07/24/03 at 07:33:17 (#) Version 1.1 (rearted 07/24/03 at 07:38:05 Now (09/24/04 at 14:53:151) Going TSR ****** Thetal PDE US Log File Monitor ED S Minghights: Molt Or SUCCESS Hell: Hell 0 LB 40188960 19623 		protection, then commands from the control category shall not be			
protection, then no commands from any category shall be blocked for drives not in the selected subset.SWS-AD-10. If the tool blocks a command then the tool shall issue edither an audio or a visual signal.Test Date:PFBTest Date:PFBTest Date:New Second					
drives not in the selected subset. SBB-Arol. If the tool blocks a command then the tool shall issue either an audio or a visual signal. Test Pate: Test Pate: Job Test PC: Job Prive 80, label P5 is an IBM-DTLA-307020 with 40188960 sectors Drive 82, label 18 is a QUANTUM ATLASIOK2-TV0920 with 17938985 sectors Commands Root Test PC to (Dos 7.1) Windows 98 K Version 4.10.2222] A:\tallyl3 A:\tallyl3 A:\tallyl3 A:\tallyl3 A:\tallyl3 A:\tallyl3 Smildown Test PC Log File ***** Monitor Execution ***** DFDive 00 Model 00 (9/24/04 at 14*53:52) Going TSR ****** DFDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drive 10 (16:434495 Bell Model Length Size (Mb) 0 LAB 401888960 19623 1 LAB 401		-			
either an audio or a visual signal. Test Pate: PEE Test Date: Pei Sep 24 14:54:18 2004 Test PC: Joe Test Software: SWET 1.0 Hard Drives Drive 80, label P5 is an IBM-DTLA-307020 with 40183960 sectors Used: Drive 81, label P5 is an IBM-DTLA-307020 with 40183960 sectors Drive 82, label E3 is a QUANTUM ATLASIOK2-TY092AJ with 17933995 sectors Derive 83, label P5 is an IBM-DTLA-30720 with 40183960 sectors Commands Boot Test PC to (D03 7.1) Windows 98 [Version 4.10.2222] Ai\test-hdl SWE-24 for PEB o F5 F6 E3 E4 Ai\test-hdl SWE-24 for PEB o T5 F6 E3 E4 Ai\test-hdl SWE-24 for PEB o T5 F6 E3 E4 Ai\test-hdl SWE-24 for PEB o T5 F6 E3 E4 Ai\test-hdl SWE-24 for PEB o T5 F6 E3 E4 Shutdown Test PC Log File ****** Wonitor Execution ***** Highlights: Monitor BIOS Interrupt 13h (disk pervice) Mossage: ON DWE Coke Version 2.10: (P)Mysical (Disk Write (BLOCK)er Drives Protected: 0.2 Return Code: SUCESS Bell: ON DW Book Version 2.10: (P)Mysical (Disk Write (BLOCK)er					
Tester Name: PEB Test Date: Fri Sep 24 14:54:18 2004 Test PC: Joe Test Software: SWET 1.0 Hard Drives Used: Drive 80, label F5 is an IBM-DTLA-370720 with 40188960 sectors Drive 81, label F5 is an ISM-DTLA-370720 with 40188960 sectors Drive 82, label E3 is a QUANTUM ATLASIDK2-TY092J with 17938985 sectors Drive 83, label E4 is a QUANTUM ATLASIDK2-TY092J with 17938985 sectors Drive 83, label E4 is a QUANTUM ATLASIDK2-TY092J with 17938985 sectors Drive 83, label E4 is a QUANTUM ATLASIDK2-TY092J with 17938985 sectors Drive 83, label E4 is a QUANTUM ATLASIDK2-TY092J with 17938985 sectors Drive 83, label E4 is a QUANTUM ATLASIDK2-TY092J with 17938985 sectors Drive 83, label E4 is a QUANTUM ATLASIDK2-TY092J with 17938985 sectors Drive 83, label E4 is a QUANTUM ATLASIDK2-TY092J with 17938985 sectors Drive 83, label E4 is a QUANTUM ATLASIDK2-TY092J with 17938985 sectors Drive 80, label E4 is a QUANTUM ATLASIDK2-TY092J with 17938985 sectors Drive 80, label E4 is a QUANTUM ATLASIDK2-TY092J with 17938985 sectors Drive 90000 0 2 Arited 1201 (#1) Version 1.1 Created 077/903 at 07:33:17 (#1) Version 1.1 Created 077/903 at 07:38:05 Now (09/23/04 at 14:53:52) Going TSR ***** Driblock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drive Protected: 0.2 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 40188960 19623 (CHS 16434495 8024 1 LBA 107838985 8759 (CHS 16434495 8024 2 LBA 17938985 8759 (CHS 16434495 8024 2 LBA 17938985 8759 (CHS 16434495 8024 ****** Test Harness Log ****** CCD: A: TEST-DBL2, XEZ SWB-24 Joe PEB c F5 F6 E3 E4 Came: SWB-24 Command set: Control Date: Fri Sep 24 14:54:18 2004 Version: 9(H) test-bdl.cpp Version 1.1 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drive 4, Drives: F5 F6 E3 E4 Came CMD F4 Atlose 2000 Off 1 Reset 1 SWB-24 400-8 60 Allowed 0000 Off 1 Reset 1 SWB-24 400-8 60 Allowed 0000 Off 1 Reset 1 SWB-24 400-8 60 Allowed 0000 Off 1 Reset 1 SWB-24 400-8 60 Allowed 000		SWB-AO-10. If the tool blocks a command then the tool shall issue			
Test Date: Pri Sep 24 14:54:18 2004 Test PC: Joe Test Software: SWBT 1.0 Hard Drives 0. label P5 is an IBM-DTLA-307020 with 4018950 sectors Drive 80. label P5 is an IBM-DTLA-307020 with 4018950 sectors Drive 81. label F4 is a QUANTUM ATLASIOK2-TY0921 with 17938985 sectors Drive 82. label F4 is a QUANTUM ATLASIOK2-TY0921 with 17938985 sectors Commands Root Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tableLS WB-24 Joe PEB A:\tally13 A:\tableLS WB-24 Joe PEB c F5 F6 E3 E4 A:\tally13 compiled on 07/29/03 at 07:28:05 Now (09/24/04 at 14:53:53) Going TSR ****** Install PDB Log ****** PDBLock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0.2 Return Code: SUCCESS Bell: ON Mesage: ON Drive Mode Length Size (Mb) 0 LBA 40188960 19623 CBS 1643495 8024 1 LAA 1018895 8759 CBS 1643495 8024 2 LBA 117938985 8759 CBS 16434495 8024 3 LBA 17938985 8759 CBS 16434495 8024 CCMS: N:VEST-HDL.EXE SWB-24 Joe PEB c F5 F6 E3 E4 CCASE CMD: A:\TEST-HDL.EXE SWB-24 Joe PEB c P5 F6 E3 E4 CCASE SWB-24 CCMS A: 1535F-HDL.EXE SWB-24 Joe PEB c F5 F6 E3 E4 CCASE: SWB-24 CCMS A: 1545418 2004 Version: e(H) test-Hdl.cpp Version 1.1 Created 08/22/03 at 10:13:51 %(H) Version: A: TSR ***** CMD: A:\TEST-HDL.EXE SWB-24 Joe PEB c F5 F6 E3 E4 CCASE CMD Drv Action Stat Cry Count CM Name CASE CMD Drv Action Stat Cry Count CM Name CASE CMD Drv Action Stat Cry Count CM Name CASE CMD Drv Action Stat Cry Count CM Name CASE CMD Drv Action Stat Cry Count CM Name CASE CMD Drv Action Stat Cry Count CM Name CASE CMD Drv Action Stat Cry Count CM Name CASE CMD Drv Action Stat Cry Count CM Name CASE CMD Drv Action Stat Cry Count CM Name CASE CMD Drv Action Stat Cry Count CM Name CASE CMD Drv Action Stat Cry Count CM Name CASE CMD Drv Action Stat Cry Count CM Name CASE CMD Drv Action Stat Cry Count CM Name CASE CMD Drv Action Stat Cry Count CM Name CASE CMD Drv Action Stat Cry Count CM Name CASE CASE ACD SA Allowed 0000 Off 1		either an audio or a visual signal.			
Test PC: Joe Test Software: SNBT 1.0 Hard Drives Used: Drive 80. label F6 is an IEM-DTLA-207020 with 40188960 sectors Drive 81. label F6 is an IEM-DTLA-207020 with 40188960 sectors Drive 82. label E3 is a QUANTUM ATLABIOK2-TY0927 with 17938985 sectors Drive 82. label E3 is a QUANTUM ATLABIOK2-TY0927 with 17938985 sectors Commands executed: A:\u00ed test F0 to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\u00ed test F0 to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\u00ed test F0 to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\u00ed test F0 to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\u00ed test F0 to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\u00ed test F0 to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\u00ed test F0 to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\u00ed test F0 to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\u00ed test F0 to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\u00ed test F0 to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\u00ed test F0 to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\u00ed test F0 to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\u00ed test F0 to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\u00ed test F0 to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\u00ed test F0 to (DOS 7.1) Windows 98 [Version 5.100 test F0 te	Tester Name:	PEB			
Test Software: SWBT 1.0 Hard Drives 0. label P5 is an IEM-DTLA-307020 with 40188960 sectors Drive 80. label P5 is an IEM-DTLA-307020 with 40188960 sectors Drive 82. label E3 is a QUANTUM ATLRS10K2-TY092 with 17938985 sectors Drive 83. label E4 is a QUANTUM ATLRS10K2-TY092 with 17938985 sectors Commands Executed: A: tabel SWB-74 Joe PEB c 75 P6 E3 E4 A: tally13 A: totat-bdlock 02 A: totat-bdlock 02 Now (09/24/04 at 14:55:52) Golng TSR ****** PDBlock Version 2.10: (P)Rysical (D)isk Write (BLOCK)er Drives Protected 0,2 Return Code: SUCCESS Bell: ON Mersage: ON Drive Mode Langth Size (Mb) O LBA 40188960 19623 CRS 1643495 8024 1 LBA 40188960 19623 CRS 1643495 8024 2 LBA 17938965 8759 CRS 1643495 8024 3 LBA 17938965 8759 CRS 1643495 CRS 1643495 A: trest-ddlock 08/23/03 at 00:13:51 @(H) wb-defs.h Version 1.1 Created 08/23/03 at 10:13:51 @(H) wb-defs.h Version 1.2 Created 08/23/03 at 0	Test Date:				
Hard Drives Drive 80, label F5 is an TEM-DTLA-207020 with 4018960 sectors Drive 81, label E5 is a TEM-DTLA-207020 with 4018960 sectors Drive 82, label E4 is a QUANTUM ATLASIOK2-TY0921 with 17938985 sectors Bot Test PC to (DOS 7.1) Windows 96 (Version 4.10.2222) A:\tabel E4 is a QUANTUM ATLASIOK2-TY0921 with 17938985 sectors A:\table 12 as a QUANTUM ATLASIOK2-TY0921 with 17938985 sectors Drive 83, label E4 is a QUANTUM ATLASIOK2-TY0921 with 17938985 sectors Drive 81, label E4 is a QUANTUM ATLASIOK2-TY0921 with 17938985 sectors Shutdown Test PC to (DOS 7.1) Windows 96 (Version 4.10.2222) A:\tabel E4 is a QUANTUM ATLASIOK2-TY0921 with 17938985 sectors Drive 81, label E4 is a QUANTUM ATLASIOK2-TY0921 with 17938985 sectors Shutdown Test PC to (DOS 7.1) Windows 96 (Version 4.10.2222) A:\tabel E4 is a State of the sector of					
<pre>Used: Drive 81, label F6 is an TEM-DTLA-307020 with 40188960 sectors Drive 82, label F4 is a QUANTUM ATLASIOK2-TV092X with 17938985 sectors Commands Boot Test PC to [DOS 7.1) Windows 98 [Version 4.10.222] A:\pdblock 02 A:\pdblock 02 A:\pdblock 02 Boutdown Test PC Log F1le Highlights: Monitor Execution ***** Wonitor BIOS interrupt 13h (disk service) Wonitor BIOS interrupt 13h (disk service) Now (09/24/04 at 14:33:52) 6001mg TSR ***** Install PD iog ***** PDBlock Version 2.10: (Physical (D)isk Write (BLOCK)er Drive Protected 0.2 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) O LBA 40188950 19623 CHS 16434495 8024 1 LBA 40188950 19623 CHS 16434495 8024 2 LBA 17938945 8759 CHS 16434495 8024 3 LBA 17938945 8759 CHS 16434495 8024 CHS 116434495 8024 CHS 2 ChS 116434495 8024 CHS 2 ChS 126 CHS 116434495 8024 CHS 2 ChS 2 4 11545418 2004 Version: @(#) Version 1.1 Created 08/23/03 at 10:13:51 @(#) Version : 0 SF-24 COS 80 Allowed 0000 Off 1 Reset 1 SFR-24 40CS 80 Allowed 0000 Off 1 NatReset 3 SFR-24 40CS 80 Allowed 0000 Off 1 AltReset 3 SFR-24 40S 80 Allowed 0000 Off 1 AltReset 3 SFR-24 40S 80 Allowed 0000 Off 1 Reset 1 SFR-24 40S 80 Allowed 0000 Off 1 SekDrive 2 SFR-24 40S 80 Allowed 0000 Off 1 Reset 1 SFR-24 40S 81 Allowed 0000 Off 1 Reset 1 SFR-24 40S 81 Allowed 0000 Off 1 SekDrive 2 SFR-24 40S 81 Allo</pre>					
Drive 82, label F4 is a QUANTUM ATLASIGK2-TY0927 with 17938985 sectors Commands Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\pdblock 02 A:\istaily13 A:\pdblock 02 A:\istaily13 A:\pdblock 02 A:\istaily13 Bhutdown Test PC Security 13h (disk service) Highlights: #wintor Execution ***** Highlights: #wintor BioS interrupt 13h (disk service) Monitor BioS interrupt 13h (disk service) Monitor BioS interrupt 13h (disk service) Monitor BioS interrupt 13h (disk service) Monitor BioS (disk disk service) W(#) Version 1.1 Created 07/29/03 at 07:33:17 W(#) Version 1.10 (rested 07/29/03 at 07:33:17 W(#) Version 1.10 Created 07/29/03 at 07:33:17 W(#) Version 1.10 (rested 07/29/03 at 07:33:17 W(#) Version 1.10 (rested 07/29/03 at 07:33:17 W(#) Version 1.10 (rested 07/29/03 at 07:33:17 W(#) Version 1.10 (rested 07/29/03 at 07:33:17 W(#) Version 1.10 (rested 07/29/03 at 07:33:17 W(#) Version 1.10 (rested 07/29/03 at 07:33:17 W(#) Version 1.10 (rested 07/29/03 at 07:33:17 W(#) Version 1.20 (rested 08/23/03 at 10:13:51 Version: 1.10 (rested 07/29/03 at 07:33:17 W(#) Version 1.20 (rested 08/23/03 at 10:13:51 Version: 3(#) 17938985 <t< th=""><th></th><th>,</th></t<>		,			
Drive 83, label F4 is a QUANTUM ATLASION2-TX092J with 17938985 sectors Commands Boot Test PC to [DOS 7.1) Windows 98 [Version 4.10.2222] A:\tallyl3 A:\tallyl3 A:\tallyl3 A:\tallyl3 A:\tallyl3 Generals Sintdown Test PC Shitdown Test PC Log File ***** Monitor Execution ***** Mighlights: Monitor BIOS interrupt 13h (disk service) tallyl3 compiled on 07/29/03 at 07:33:17 (%) Version 1.1 Created 07/29/03 at 07:23:05 Now (09/24/04 at 14:53:52) Going TSR ****** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drive Protected: 0,2 Return Code: SUCCESS Bell: ON Message: ON Drive [Mode] Length Size (Mb) 0 LBA 40188960 1 LBA 193895 2 LBA 1793895 3 LBA 193895 4 GHS94495 8024 1 LBA 193895 2 LBA 1793895 3 LBA 1934	useu.	,			
Commands Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:VgAblock 02 A:Vgablock 02 A:Vgablock 02 A:Vgablock 02 B:Vgatown Test PC ***** Monitor EdOS interrupt 13h (disk service) tailing taily13 compiled on 07/29/03 at 07:33:17 service) taily13 compiled on 07/29/03 at 07:33:17 service) taily13 compiled on 07/29/03 at 07:33:17 service) service 10 (09/24/04 at 14:53:52) Going TSR ***** ****** Install FDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drive Mode Length Size (Mb) 0 0 LBA 40188960 19623 1 LBA 40188960 19623 2 LBA 11793895 8759 2 LBA 11793895 8759 2 LBA 1193895 8024 ****** Test Harness Log ***** CMD: A:YTEST-HDL, EXE SWB-24 Joe PEB c F5 F6 E3 E4 Cames: SWB-24 Joe PEB c Mos110'3 at 08:18:19 0cmpiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of trives 4, Drives: P5 F6 E3 E4 Case Cmd Drv Action					
A:\pdblock 02 A:\test-hdl SWE-24 Joe FEB c F5 F6 E3 E4 A:\sig-log SWE-24 Joe FEB Shutdown Test FC Log File Highlights: Monitor BLOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 ((#) Version 1.1 Created 07/29/03 at 07:32:05 Now (09/24/04 14:35:12) Going TSR ***** Install FDB Log ***** PDBlock Version 2.10: (P)bysical (D)isk Write (BLOCK)er Drives Protected: 0,2 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LEA 40188960 19623 1 LEA 40188960 19623 1 LEA 40188960 19623 2 LEA 17938985 8759 2 CHS 16434495 8024 3 LEA 17938985 8759 2 CHS 16434495 8024 3 LEA 17938985 8759 2 CHS 16434495 8024 4 0 LEA 17938985 8759 2 CHS 16434495 8024 3 LEA 17938985 8759 2 CHS 16434495 8024 4 0 wo-defs.h Version 1.1 Created 08/23/03 at 10:13:51 0 (#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:34 Operator: FEB Hogs: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case CMD rv Action Stat Cry Count Cmd Name 0 SWB-24 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-24 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-24 <00> 80 Allowed 0000 Off 1 Attended 4 SWB-24 <00> 80 Allowed 0000 Off 1 Attended 3 SWB-24 <00> 80 Allowed 0000 Off 1 Attendedsek Results for SWB-24 category c on drive 60 No commands blocked (0 of 5) 0 SWB-24 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-24 <00> 81 Allowed 0000 Off 1 Reset 3 SWB-24 <10> 81 Allowed	Commands				
A:\Test-hdl SNB-24 Joe PEB c F5 F6 E3 E4 A:\sig-log SNB-24 Joe PEB Shutdown Test PC tog File Highlights: Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 (#(#) Version 1.1 Created 07/29/03 at 07:38:05 Now (09/24/04 at 14:53:52) Going TSR ****** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,2 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 4018050 19623 CHS 16434495 8024 1 LBA 4018050 19623 CHS 16434495 8024 2 LBA 11793895 8759 CHS 16434495 8024 3 LBA 1793895 8759 CHS 16434495 8024 2 LISA 1793895 8759 CHS 16434495 8024 3 LBA 1793895 8759 CHS 16434495 8024 3 LBA 1793895 8759 CHS 16434495 8024 3 LBA 1793895 8759 CHS 16434495 8024 ***** CMD: A:\TEST-HDL.EXE SWB-24 Joe FEB c F5 F6 E3 E4 Case: SWB-24 Command set: Control Date: Fri Sep 24 14:54:18 2004 Version: @(#) test-hdl.opp Version 1.1 Created 08/23/03 at 10:13:51 @(#) Wo-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case CMD Drv Action Stat Cry Count CMd Name 0 SNB-24 <00> 80 Allowed 0000 Off 1 SeebDrive 2 SNB-24 <00> 80 Allowed 0000 Off 1 AltReset 3 SNB-24 <11> 80 Allowed 0000 Off 1 AltReset 4 SNB-24 <47> 80 Allowed 0000 Off 1 AltReset 3 SNB-24 <11> 80 Allowed 0000 Off 1 AltReset 3 SNB-24 <11> 80 Allowed 0000 Off 1 AltReset 3 SNB-24 <13 Bi Allowed 0000 Off 1 AltReset 3 SNB-24 <13 Bi Allowed 0000 Off 1 AltReset 4 SNB-24 <47> 80 Allowed 0000 Off 1 AltReset 3 SNB-24 <13 Bi Allowed 0000 Off 1 AltReset 3 SNB-24 <13 Bi Allowed 0000 Off 1 AltReset 3 SNB-24 <13 Bi Allowed 0000 Off 1 Reset N = SNB-24 <00> 81 Allowed 0000 Off 1 Reset N = SNB-24 <00> 81 Allowed 0000 Off 1 Reset 1 SNB-24 <00> 81 A	executed:	A:\tally13			
A:\sig-log SNm-24 JOE FEB Shutdown Test PC Log File Highlights: Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:28:05 Now (09/24/04 at 14:35:12) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,2 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 40188960 19623 1 LEA 40188960 19623 1 LEA 40188960 19623 1 LEA 1048958 8024 1 LEA 1048958 8024 2 LEA 17938985 8759 C HS 16434495 8024 3 LEA 17938985 8759 C HS 16434495 8024 3 LEA 17938985 8759 C HS 16434495 8024 4 Case: SWB-24 Command set: Control Date: Fri Sep 24 14:54:18 2004 Version: $@(#)$ test-hal.cop Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/23/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: FEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SNB-24 <00> 80 Allowed 0000 Off 1 Reset 1 SNB-24 <00> 80 Allowed 0000 Off 1 AltReset 3 SNB-24 <10> 80 Allowed 0000 Off 1 AltReset 3 SNB-24 <10> 80 Allowed 0000 Off 1 AltReset 3 SNB-24 <10> 80 Allowed 0000 Off 1 Reset 1 SNB-24 <00> 80 Allowed 0000 Off 1 Reset 3 SNB-24 <10> 80 Allowed 0000 Off 1 Reset 3 SN		·-			
$\frac{Shutdown \bar{T}est PC}{Log File} $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$$					
Log File Highlights: Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:38:05 Now (09/24/04 at 14:53:52) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0.2 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LEA 40188960 19623 CIS 16434495 8024 1 LEA 40188960 19623 CIS 16434495 8024 2 LEA 17938965 8759 CIS 16434495 8024 3 LEA 17938965 8759 CIS 16434495 8024 3 LEA 17938965 8759 CIS 16434495 8024 4 CIS 16434495 8024 4 CIS 16434495 8024 2 LEA 17938965 8759 CIS 16434495 8024 2 CIS 16434495 8024 3 LEA 17938965 8759 CIS 1643495 8024 4 CIS 1643495 8024 4 Wold Length Size (Mb) Date: Fri Sep 24 14:54:18 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/23/03 at 00:13:51 @(#) wb-def					
<pre>Highlights: Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:38:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (09/24/04 at 14:53:52) Going TSR ****** Install PDB Lock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,2 Return Code: SUCCESS Bell: ON Message: ON Drive [Mode Length Size (Mb) O LBA 40188960 19623 CRS 16434495 8024 2 LBA 140188960 19623 CRS 16434495 8024 2 LBA 14018896 8759 CRS 16434495 8024 3 LBA 17938985 8759 CRS 16434495 8024 3 LBA 17938985 8759 CRS 16434495 8024 4 ***** Test Harness Log ***** CMD: 1:\VEST-HDL EXE SWB-24 Joe PEB c F5 F6 E3 E4 Case: SWB-24 Command set: Control Date: Fri Sep 24 14:54:18 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SNH=24 <00> 80 Allowed 0000 Off 1 Reset 1 SWH=24 <00> 80 Allowed 0000 Off 1 Reset 1 SWH=24 <00> 80 Allowed 0000 Off 1 Reset 3 SWH=24 <11> 80 Allowed 0000 Off 1 Reset 3 SWH=24 <11> 80 Allowed 0000 Off 1 Reset 4 SNH=24 <0> 81 Allowed 0000 Off 1 Reset 3 SWH=24 <11> 80 Allowed 0000 Off 1 Reset 3 SWH=24 <11> 81 Allowed 0000 Off 1 Reset 3 SWH=24 <10> 81 Allowed 0000 Off 1 Reset 3 S</pre>	Log File				
<pre>tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (09/24/04 at 14:53:52) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,2 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 40188960 19623 CHS 16434495 8024 1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024 ****** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-24 Joe PEB c F5 F6 E3 E4 Case: SWB-24 Command set: Control Date: Fri Sep 24 14:54:18 2004 Version: @(#) test-hal.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/23/03 at 00:13:51 @(#) wb-defs.h Version 1.2 Created 08/23/03 at 00:13:51 @(#) wb-defs.h Version 1.2 Created 08/23/03 at 00:13:51] SWB-24 400> 80 Allowed 0000 Off 1 Reset 1 SWB-24 400> 80 Allowed 0000 Off 1 Accellent 3 SWB-24 400> 80 Allowed 0000 Off 1 Accellent 4 SWB-24 400> 80 Allowed 0000 Off 1 Accellent 3 SWB-24 400> 80 Allowed 0000 Off 1 Accellent 4 SWB-24 400> 80 Allowed 0000 Off 1 Recallbrate 4 SWB-24 400> 81 Allowed 0000 Off 1 Recallbrate 4 SWB-24 400> 81 Allowed 0000 Off 1 Recallbrate 1 SWB-24 400> 81 Allowed 0000 Off 1 Recallbrate 4 SWB-24 400> 81 Allowed 0000 Off 1 Recallbrate 4 SWB-24 400> 81 Allowed 0000 Off 1 Recallbrate 3 SWB-24 400> 81 Allowed 0000 Off 1 Recallbrate 4 SWB-24 400> 81 Allowed 0000 Off 1 Recallbrate 4 SWB-24 400> 81 Allowed 0000 Off 1 Recallbrate 8 SWB-24 400> 81 All</pre>	5				
<pre>(##) Version 1.1 Created 07/29/03 at 07:28:05 Now (09/24/04 at 14:53:52) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0.2 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) O LBA 40180860 19623 CHS 16434495 8024 1 LBA 40180806 19623 CHS 16434495 8024 2 LBA 16434495 8024 2 LBA 17938085 8759 CHS 16434495 8024 3 LBA 17938085 8759 CHS 16434495 8024 ***** Test Harness Log ***** CMD A: TEST-HDL.EXE SWE-24 Joe FEB c F5 F6 E3 E4 Case: SWB-24 Command set: Control Date: Fri Sep 24 14:54:18 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-24 <0D> 80 Allowed 0000 Off 1 Seebrive 2 SWB-24 <1D 80 Allowed 0000 off 1 Seebrive 2 SWB-24 <1D 80 Allowed 0000 off 1 Seebrive 2 SWB-24 <1D 80 Allowed 0000 off 1 Recalibrate 4 SWB-24 <1D 80 Allowed 0000 off 1 Recalibrate 4 SWB-24 <1D 80 Allowed 0000 off 1 Recalibrate 4 SWB-24 <1D 80 Allowed 0000 off 1 Seebrive 2 SWB-24 <1D 80 Allowed 0000 off 1 Recalibrate 4 SWB-24 <1D 80 Allowed 0000 off 1 AltReset 3 S</pre>					
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PDBlock Version 2.10 ⁻⁷ (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,2 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 40188960 19623 1 LIAA 40188960 19623 2 LIA 17938985 8759 3 LBA 17938985 8759 1 CHS 16434495 8024 ****** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-24 Joe PEB c F5 F6 E3 E4 Command set: Control Date: Fri Sep 24 14:54:18 2004 Version: @(#) wb-defs.h Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: FFB Hoat: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-24 <00> 80 Allowed 0000 off 1 Reset 1 SWB-24 <00> 80 Allowed 0000 off 1 Reset 3 SWB-24 <00> 80 Allowed 0000 off 1 Reset 3 SWB-24 <00> 80 Allowed 0000 off 1 Reset 3 SWB-24 <00> 81 Allowed 0000 off 1 Reset 3 SWB-24 <00> 81 Allowed 0000 off 1 Reset 1 SWB-24 <00> 81 Allowed 0000 off 1 SeekDrive 2		Now (09/24/04 at 14:53:52) Going TSR			
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<pre>***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-24 Joe PEB c F5 F6 E3 E4 Case: SWB-24 Command set: Control Date: Fri Sep 24 14:54:18 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-24 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-24 <00> 80 Allowed 0000 off 1 AltReset 3 SWB-24 <00> 80 Allowed 0000 off 1 Recalibrate 4 SWB-24 <11> 80 Allowed 0000 off 1 Recalibrate 4 SWB-24 <47> 80 Allowed 0000 off 1 SeekDrive 2 SWB-24 <00> 81 Allowed 0000 off 1 Reset 1 SWB-24 <00> 81 Allowed 0000 off 1 SeekDrive 2 SWB-24 <00> 81 Allowed 0000 off 1 SeekDrive 2 SWB-24 <00> 81 Allowed 0000 off 1 Reset 3 SWB-24 <10> 81 Allowed 0000 off 1 Reset 3 SWB-24 <10> 81 Allowed 0000 off 1 Reset 3 SWB-24 <10> 81 Allowed 0000 off 1 Reset 3 SWB-24 <10> 81 Allowed 0000 off 1 SeekDrive 2 SWB-24 <00> 81 Allowed 0000 off 1 SeekDrive 4 SWB-24 <47> 81 Allowed 0000 off 1 Recalibrate 4 SWB-24 <47> 81 Allowed 0000 off 1 Recalibrate 4 SWB-24 <47> 81 Allowed 0000 off 1 Recalibrate 4 SWB-24 <47> 81 Allowed 0000 off 1 Recalibrate 4 SWB-24 <47> 81 Allowed 0000 off 1 Recalibrate 5 SWB-24 <47> 81 Allowed 0000 off 1 Recalibrate 5 SWB-24 <47> 81 Allowed 0000 off 1 Recalibrate 5 SWB-24 <47> 81 Allowed 0000 off 1 Recalibrate 5 SWB-24 <47> 81 Allowed 0000 off 1 Recalibrate 5 SWB-24 <47> 81 Allowed 0000 off 1 Recalibrate 5 SWB-24 <47> 81 Allowed 0000 off 1 Recalibrate 5 SWB-24 <47> 81 Allowed 0000 off 1 Recalibrate 5 SWB-24 <47> 81 Allowed 0000 off 1 Recalibrate 5 SWB-24 <47> 81 Allowed 0000 off 1 Reset 5 SWB-24 <47> 81 Allowed 0000 off 1 Reset 5 SWB-24 <47> 81 Allowed 0000 off 1 Reset 5 SWB-24 <47> 81 Allowed 0000 off 1 Reset 5 SWB-24 <47> 81 Allowed 0000 off 1 Reset 5 SWB-24 <47> 81 Allowed 0000 off 1 Reset 5 SWB-24 <47> 81 Allowed 0000 off 1 Reset 5 SWB-24 <47> 81 Allowed 0000 off 1 Reset 5 SWB-24 <47> 81 Allowed 0000 off</pre>					
Case: SWB-24 Command set: Control Date: Fri Sep 24 14:54:18 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-24 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-24 <00> 80 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <00> 80 Allowed 0000 Off 1 AltReset 3 SWB-24 <11> 80 Allowed 0000 Off 1 ExtendedSeek Results for SWB-24 category c on drive 80 No commands blocked (0 of 5) 0 SWB-24 <00> 81 Allowed 0000 Off 1 Reset 1 SWB-24 <00> 81 Allowed 0000 Off 1 Reset 3 SWB-24 <10> 81 Allowed 0000 Off 1 Reset 3 SWB-24 <10> 81 Allowed 0000 Off 1 Reset 1 SWB-24 <00> 81 Allowed 0000 Off 1 Reset 3 SWB-24 <11> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <00> 82 Allowed 0000 Off 1 Reset SWB-24 <00> 82 Allowed 0000 Off 1 Reset					
Command set: Control Date: Fri Sep 24 14:54:18 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-24 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 80 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 80 Allowed 0000 Off 1 AltReset 3 SWB-24 <1D> 80 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <1D> 80 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 80 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 80 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 81 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 81 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <1D> 81 Allowed 0000 Off 1 Recalibrate 5 SWB-24 <1D> 81 Allowed 0000 Off 1 Recalibrate 7 SWB-24 <1D > 81 Allowed 0000 Off 1 Recalibrate 8 SWB-24 <1D > 81 Allowed 0000 Off 1 Recalibrate 8 SWB-24 <1D > 81 Al		CMD: A:\TEST-HDL.EXE SWB-24 JOE PEB c F5 F6 E3 E4			
<pre>Date: Fri Sep 24 14:54:18 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: FEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-24 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 80 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 80 Allowed 0000 Off 1 AltReset 3 SWB-24 <1> 80 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 80 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <0D> 81 Allowed 0000 Off 1 Reset 1 SWB-24 <0D> 81 Allowed 0000 Off 1 Reset 1 SWB-24 <0D> 81 Allowed 0000 Off 1 Reset 3 SWB-24 <1> 80 Allowed 0000 Off 1 Reset 1 SWB-24 <0D> 81 Allowed 0000 Off 1 Reset 1 SWB-24 <0D> 81 Allowed 0000 Off 1 AltReset 3 SWB-24 <1> 81 Allowed 0000 Off 1 Reset 1 SWB-24 <0D> 81 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <1> 81 Allowed 0000 Off 1 Reset 3 SWB-24 <1> 81 Allowed 0000 Off 1 Reset 3 SWB-24 <1> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <0> 82 Allowed 0000 Off 1 Reset</pre>					
<pre>Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-24 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 80 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0C> 80 Allowed 0000 Off 1 AltReset 3 SWB-24 <1D> 80 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <4T> 80 Allowed 0000 Off 1 ExtendedSeek Results for SWB-24 category c on drive 80 No commands blocked (0 of 5) 0 SWB-24 <0D> 81 Allowed 0000 Off 1 Reset 1 SWB-24 <0D> 81 Allowed 0000 Off 1 Reset 3 SWB-24 <0D> 81 Allowed 0000 Off 1 Reset 3 SWB-24 <1D> 81 Allowed 0000 Off 1 Reset 1 SWB-24 <0D> 81 Allowed 0000 Off 1 Reset 3 SWB-24 <1D> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <4T> 81 Allowed 0000 Off 1 Reset SWB-24 <0T> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <4T> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <4T> 81 Allowed 0000 Off 1 Reset</pre>					
<pre>@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-24 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 80 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 80 Allowed 0000 Off 1 AltReset 3 SWB-24 <11> 80 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 80 Allowed 0000 Off 1 ExtendedSeek Results for SWB-24 category c on drive 80 No commands blocked (0 of 5) 0 SWB-24 <0D> 81 Allowed 0000 Off 1 Reset 1 SWB-24 <0D> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <11> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <11> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <40> 82 Allowed 0000 Off 1 Reset</pre>		Date: Fri Sep 24 14:54:18 2004			
<pre>@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-24 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 80 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 80 Allowed 0000 Off 1 AltReset 3 SWB-24 <11> 80 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 80 Allowed 0000 Off 1 ExtendedSeek Results for SWB-24 category c on drive 80 No commands blocked (0 of 5) 0 SWB-24 <0D> 81 Allowed 0000 Off 1 Reset 1 SWB-24 <0D> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <11> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <11> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <40> 82 Allowed 0000 Off 1 Reset</pre>		Version: @(#) test-hdl.cop Version 1 1 Created 08/22/02 at 10:12:51			
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3 SWB-24 <11> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 81 Allowed 0000 Off 1 ExtendedSeek Results for SWB-24 category c on drive 81 No commands blocked (0 of 5) 0 SWB-24 <00> 82 Allowed 0000 Off 1 Reset					
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Results for SWB-24 category c on drive 81 No commands blocked (0 of 5) 0 SWB-24 <00> 82 Allowed 0000 Off 1 Reset					
0 SWB-24 <00> 82 Allowed 0000 Off 1 Reset					
1 SWB-24 < OC> 82 Allowed 0000 Off 1 SeekDrive					
I DUD 21 COC, 07 MITOMOR DODD OIL I DECUDITAC		1 SWB-24 <oc> 82 Allowed 0000 Off 1 SeekDrive</oc>			

Case SWB-24 PDBlo	ock Version 2	.10	
	2 SWB-24	<0D> 82 Allowed 0000 Off	l AltReset
	3 SWB-24	<11> 82 Allowed 0000 Off	l Recalibrate
	4 SWB-24	<47> 82 Allowed 0000 Off	ExtendedSeek
	Results for	SWB-24 category c on drive 82	2 No commands blocked (0 of 5)
	0 SWB-24	<00> 83 Allowed 0000 Off	Reset
			l SeekDrive
		<od> 83 Allowed 0000 Off</od>	
		<11> 83 Allowed 0000 Off	
		<47> 83 Allowed 0000 Off	
			3 No commands blocked (0 of 5)
	Summary: 20	sent, 0 blocked, 20 not block	red
	***** Signa	l Log *****	
Regults:	SIGNAL: n		Actual Results
Results:	SIGNAL: n Assertion	Expected Results	Actual Results
Results:	SIGNAL: n Assertion AM-07	Expected Results Tool active message	Tool active message
Results:	SIGNAL: n Assertion AM-07 AM-08	Expected Results Tool active message 4 drives identified	Tool active message 4 drives identified
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09	Expected Results Tool active message 4 drives identified Drive 80 is protected	Tool active message 4 drives identified Drive 80 is protected
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09	Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected	Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09	Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected	Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09	Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is unprotected	Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is unprotected
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09	Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected	Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09	Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is unprotected 0 Commands return success No cmds to drive 80 blocked	Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is unprotected 0 Commands return success No cmds to drive 80 blocked
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 <td< td=""><td>Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is unprotected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 82 blocked</td><td>Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is unprotected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 82 blocked</td></td<>	Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is unprotected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 82 blocked	Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is unprotected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 82 blocked
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09	Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is unprotected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 81 blocked	Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is unprotected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 82 blocked No cmds to drive 81 blocked
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-05 AM-09 AM-07	Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is unprotected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 82 blocked	Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is unprotected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 82 blocked

Case summary:	SWB-25 Install three drives, configure return code to failure, protect			
case summary.	with pattern PUU, execute write commands.			
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message			
Tested:	indicating that the tool is active.			
	SWB-AM-08. If the tool is executed then the tool shall issue a message			
	indicating all drives accessible by the covered interfaces.			
	SWB-AM-09. If the tool is executed then the tool shall issue a message			
	indicating the protection status of each drive attached to a covered interface.			
	SWB-AM-11. If the tool is configured to return fail on blocked commands			
	and the tool blocks a command then the return code shall indicate			
	unsuccessful command execution.			
	SWB-AO-01. If a subset of all covered drives is specified for			
	protection, then commands from the write category shall be blocked			
	for drives in the selected subset.			
	SWB-AO-07. If a subset of all covered drives is specified for			
	protection, then no commands from any category shall be blocked for			
	drives not in the selected subset.			
	SWB-AO-10. If the tool blocks a command then the tool shall issue			
Tester Name:	either an audio or a visual signal. PEB			
Test Date: Test PC:	Fri Aug 06 15:36:14 2004 Joe			
Test Software:				
	SWBT 1.0 Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors			
Hard Drives Used:	Drive 80, label 8A is a WDC WD200EB-00CSF0 With 39102336 sectors Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors			
Used.	Drive 81, Tabel 90 Is a WDC WD300BB-00CAA0 WICH 58633344 Sectors Drive 82, Tabel 1F is a Quantum ATLAS10K3 18 SCA Drive with 35916548			
	sectors			
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]			
executed:	A:\tally13			
cxccuccu.	A:\pdblock 0 /fail			
	A:\test-hdl SWB-25 Joe PEB w 8A 90 1F			
	A:\sig-log SWB-25 Joe PEB			
	Shutdown Test PC			
Log File	***** Monitor Execution *****			
Highlights:	Monitor BIOS interrupt 13h (disk service)			
5 5	tally13 compiled on 07/29/03 at 07:33:17			

Case SWB-25 PDBlock Version 2.10					
	@(#) Version 1.1 Created 07/29/03 at 07:28:05				
	Now (08/06/04 at 15:35:45) Going TSR				
		11 PDB Log ****			
		sion 2.10: (P)hysical (D)isk Wi	rite (BLOCK)er		
	Drives Prot				
	Return Code				
	Bell:	ON			
	Message:	ON			
	Drive Mode				
	0 LBA 35916548 17537				
	0 LBA 35916548 17537 CHS 16434495 8024				
	1 LB	A 39102336 19092			
		A 58633344 28629			
		A 58633344 28629 5 16434495 8024			
		Harness Log ****			
		FARMESS LOG ***** F-HDL.EXE SWB-25 JOE PEB w 8A 9	٥ <u>٥</u> 1 म		
	Case: SWB-2		0 TI.		
	Case: SwB-2: Command set				
		. write 1g 06 15:36:14 2004			
	Dale. FIL A	ug 00 15+50+14 2004			
	<pre>Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-25 <03> 80 Blocked 0300 On 0 WriteSectors 1 SWB-25 <0B> 80 Blocked 0300 On 0 WriteLong</pre>				
	2 SWB-25 <43> 80 Blocked 0300 On 0 ExtWrite Results for SWB-25 category w on drive 80 All commands blocked (3 of 3) 0 SWB-25 <03> 81 Allowed 0000 Off 1 WriteSectors 1 SWB-25 <0B> 81 Allowed 0000 Off 1 WriteLong 2 SWB-25 <43> 81 Allowed 0000 Off 1 ExtWrite Results for SWB-25 category w on drive 81 No commands blocked (0 of 3) 0 SWB-25 <03> 82 Allowed 0000 Off 1 WriteSectors				
		<0B> 82 Allowed 0000 Off 1			
		<43> 82 Allowed 0000 Off 1			
		SWB-25 category w on drive 82	No commands blocked (0 of 3)		
	Summary: 9	sent, 3 blocked, 6 not blocked			
	***** 0				
	***** Signa				
Results:	SIGNAL: y	Eurogeod Dogultz	Actual Degulta		
NEBUILD.	Assertion		Actual Results		
	AM-07	Tool active message	Tool active message		
	AM-08	3 drives identified	3 drives identified		
	AM-09	Drive 80 is protected	Drive 80 is protected		
	AM-09	Drive 81 is unprotected	Drive 81 is unprotected		
	AM-09	Drive 82 is unprotected	Drive 82 is unprotected		
	AM-11	3 Commands return fail	3 Commands return fail		
	AO-01	All cmds to drive 80 blocked	All cmds to drive 80 blocked		
	AO-07	No cmds to drive 81 blocked	No cmds to drive 81 blocked		
	AO-07	No cmds to drive 82 blocked	No cmds to drive 82 blocked		
	AO-10	Signal observed	Signal observed		
Analysis:	SWB-25 Expe	cted results achieved			

Case SWB-26 PDBlock Version 2.10

Case summary:	SWB-26 Install three drives, configure return code to success, protect			
	with pattern UPU, execute write commands.			
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message			
Tested:	indicating that the tool is active.			
	SWB-AM-08. If the tool is executed then the tool shall issue a message			
	indicating all drives accessible by the covered interfaces.			
	SWB-AM-09. If the tool is executed then the tool shall issue a message			
	indicating the protection status of each drive attached to a			
	covered interface.			

Case SWB-26 PDBlc	ock Version 2.10			
	 SWB-AM-10. If the tool is configured to return success on blocked commands and the tool blocks a command then the return code shall indicate successful command execution. SWB-AO-01. If a subset of all covered drives is specified for protection, then commands from the write category shall be blocked for drives in the selected subset. SWB-AO-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for 			
	drives not in the selected subset. SWB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal.			
Tester Name:	PEB			
Test Date:	Fri Aug 06 15:51:15 2004			
Test PC:	Joe			
Test Software:	SWBT 1.0			
Hard Drives Used:	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors			
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]			
executed:	A:\tally13 A:\pdblock 1 A:\test-hdl SWB-26 Joe PEB w 8A 90 1F A:\sig-log SWB-26 Joe PEB Shutdown Test PC			
Log File	***** Monitor Execution *****			
Highlights:	<pre>Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 15:50:45) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 1 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 35916548 17537 CHS 16434495 8024 1 LBA 3910236 19092 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 ***** Test Harness Log **** CMD: A:\TEST-HDL.EXE SWB-26 Joe PEB w 8A 90 1F Case: SWB-26 Command set: Write Date: Fri Aug 06 15:51:15 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51</pre>			
	<pre>@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-26 <03> 80 Allowed 0000 Off 1 WriteSectors 1 SWB-26 <0B> 80 Allowed 0000 Off 1 WriteLong 2 SWB-26 <43> 80 Allowed 0000 Off 1 ExtWrite Results for SWB-26 category w on drive 80 No commands blocked (0 of 3) 0 SWB-26 <03> 81 Blocked 0000 Off 0 WriteSectors 1 SWB-26 <0B> 81 Blocked 0000 Off 0 WriteLong 2 SWB-26 <43> 81 Blocked 0000 Off 0 ExtWrite Results for SWB-26 category w on drive 81 All commands blocked (3 of 3) 0 SWB-26 <03> 82 Allowed 0000 Off 1 WriteSectors 1 SWB-26 <0B> 82 Allowed 0000 Off 1 WriteSectors 1 SWB-26 <0B> 82 Allowed 0000 Off 1 WriteLong 2 SWB-26 <43> 82 Allowed 0000 Off 1 SectWrite Results for SWB-26 category w on drive 82 No commands blocked (0 of 3) Summary: 9 sent, 3 blocked, 6 not blocked</pre>			

Case SWB-26 PI	Block Version	n 2.10		
	***** Sig SIGNAL: 3	nal Log *****		
Results:	Asserti	n Expected Results	Actual Results	
	AM-07	Tool active message	Tool active message	
	AM-08	3 drives identified	3 drives identified	
	AM-09	Drive 80 is unprotected	Drive 80 is unprotected	
	AM-09	Drive 81 is protected	Drive 81 is protected	
	AM-09	Drive 82 is unprotected	Drive 82 is unprotected	
	AM-10	3 Commands return success	3 Commands return success	
	AO-01	All cmds to drive 81 blocked	All cmds to drive 81 blocked	
	AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked	
	AO-07	No cmds to drive 82 blocked	No cmds to drive 82 blocked	
	AO-10	Signal observed	Signal observed	
Analysis:	SWB-26 Ez	SWB-26 Expected results achieved		

Case SWB-27 PDBlock Version 2.10

Case SWB-27 PDBlo	Case SWB-27 PDBlock Version 2.10			
Case summary:	SWB-27 Install three drives, configure return code to failure, protect			
	with pattern UUP, execute write commands.			
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message			
Tested:	indicating that the tool is active.			
	SWB-AM-08. If the tool is executed then the tool shall issue a message			
	indicating all drives accessible by the covered interfaces.			
	SWB-AM-09. If the tool is executed then the tool shall issue a message			
	indicating the protection status of each drive attached to a			
	covered interface.			
	SWB-AM-11. If the tool is configured to return fail on blocked commands			
	and the tool blocks a command then the return code shall indicate			
	unsuccessful command execution.			
	SWB-AO-01. If a subset of all covered drives is specified for			
	protection, then commands from the write category shall be blocked			
	for drives in the selected subset.			
	SWB-AO-07. If a subset of all covered drives is specified for			
	protection, then no commands from any category shall be blocked for			
	drives not in the selected subset.			
	SWB-AO-10. If the tool blocks a command then the tool shall issue			
	either an audio or a visual signal.			
Tester Name:	PEB			
Test Date:	Fri Aug 06 16:02:20 2004			
Test PC:	Joe			
Test Software:	SWBT 1.0			
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors			
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors			
0000	Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548			
	sectors			
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]			
executed:	A:\tally13			
checacca	A:\pdblock 2 /fail			
	A:\test-hdl SWB-27 Joe PEB w 8A 90 1F			
	A:\sig-log SWB-27 Joe PEB			
	Shutdown Test PC			
Log File	***** Monitor Execution *****			
Highlights:	Monitor BIOS interrupt 13h (disk service)			
	tally13 compiled on 07/29/03 at 07:33:17			
	@(#) Version 1.1 Created 07/29/03 at 07:28:05			
	Now (08/06/04 at 16:01:51) Going TSR			
	***** Install PDB Log *****			
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er			
	Drives Protected: 2			
	Return Code: FAILURE			
	Bell: ON			
	Message: ON			
	Drive Mode Length Size (Mb)			
	0 LBA 35916548 17537			
	CHS 16434495 8024			
	1 LBA 39102336 19092			
	CHS 16434495 8024			

Case SWB-27 PDBlo	ock Version 2.10					
	2 LB2					
	CH	5 16434495 8024				
	***** Test 1	Harness Log *****				
	CMD: A:\TES	I-HDL.EXE SWB-27 Joe PEB w 8A 9	90 1F			
	Case: SWB-27					
	Command set: Write					
	Date: Fri Au	ug 06 16:02:20 2004				
	<pre>Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe</pre>					
		rives 3. Drives: 8A 90 1F				
	<pre>Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-27 <03> 80 Allowed 0000 Off 1 WriteSectors 1 SWB-27 <0B> 80 Allowed 0000 Off 1 WriteLong 2 SWB-27 <43> 80 Allowed 0000 Off 1 ExtWrite Results for SWB-27 category w on drive 80 No commands blocked (0 of 3) 0 SWB-27 <0B> 81 Allowed 0000 Off 1 WriteSectors 1 SWB-27 <0B> 81 Allowed 0000 Off 1 WriteLong 2 SWB-27 <0B> 81 Allowed 0000 Off 1 ExtWrite Results for SWB-27 category w on drive 81 No commands blocked (0 of 3) 0 SWB-27 <03> 82 Blocked 0300 On 0 WriteSectors 1 SWB-27 <0B> 82 Blocked 0300 On 0 WriteSectors 2 SWB-27 <43> 82 Blocked 0300 On 0 WriteLong 2 SWB-27 <43> 82 Blocked 0300 On 0 ExtWrite Results for SWB-27 category w on drive 82 All commands blocked (3 of 3) Summary: 9 sent, 3 blocked, 6 not blocked</pre>					
	***** Signa	l Log ****				
	SIGNAL: y					
Results:	Assertion	Expected Results	Actual Results			
	AM-07	Tool active message	Tool active message			
	AM-08	3 drives identified	3 drives identified			
	AM-09	Drive 80 is unprotected	Drive 80 is unprotected			
	AM-09	Drive 81 is unprotected	Drive 81 is unprotected			
	AM-09	Drive 82 is protected	Drive 82 is protected			
	AM-11	3 Commands return fail	3 Commands return fail			
	AO-01	All cmds to drive 82 blocked	All cmds to drive 82 blocked			
	AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked			
	AO-07	No cmds to drive 81 blocked	No cmds to drive 81 blocked			
	AO-10	Signal observed	Signal observed			
	SWB-27 Expected results achieved					

Case SWB-28 PDBlock Version 2.10

Case summary:	SWB-28 Install three drives, configure return code to success, protect			
case summary.				
	with pattern UPP, execute write commands.			
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message			
Tested:	indicating that the tool is active.			
	SWB-AM-08. If the tool is executed then the tool shall issue a message			
	indicating all drives accessible by the covered interfaces.			
	SWB-AM-09. If the tool is executed then the tool shall issue a message			
	indicating the protection status of each drive attached to a			
	covered interface.			
	SWB-AM-10. If the tool is configured to return success on blocked			
	commands and the tool blocks a command then the return code shall indicate successful command execution.			
	SWB-AO-01. If a subset of all covered drives is specified for			
	protection, then commands from the write category shall be blocked for drives in the selected subset.			
	SWB-AO-07. If a subset of all covered drives is specified for			
	protection, then no commands from any category shall be blocked for			
	drives not in the selected subset.			
	SWB-AO-10. If the tool blocks a command then the tool shall issue			
	either an audio or a visual signal.			
Tester Name:	PEB			
Test Date:	Fri Aug 06 16:12:31 2004			

Case SWB-28 PDBlo	ock Version 2.10			
Test PC:	Joe			
Test Software:	SWBT 1.0			
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors			
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors			
	Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548			
	sectors			
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]			
executed:	A:\tally13			
	A:\pdblock 12			
	A:\test-hdl SWB-28 Joe PEB w 8A 90 1F			
	A:\sig-log SWB-28 Joe PEB			
	Shutdown Test PC			
Log File	***** Monitor Execution *****			
Highlights:	Monitor BIOS interrupt 13h (disk service)			
	tally13 compiled on 07/29/03 at 07:33:17			
	@(#) Version 1.1 Created 07/29/03 at 07:28:05			
	Now (08/06/04 at 16:12:02) Going TSR			
	***** Install PDB Log *****			
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er			
	Drives Protected: 1,2			
	Return Code: SUCCESS			
	Bell: ON			
	Message: ON			
	Drive Mode Length Size (Mb)			
	0 LBA 35916548 17537 CHS 16434495 8024			
	CHS 16434495 8024 2 LBA 58633344 28629			
	CHS 16434495 8024			
	***** Test Harness Log *****			
	-			
	CMD: A:\TEST-HDL.EXE SWB-28 JOE PEB w 8A 90 1F Case: SWB-28			
	Case: SWB-28 Command set: Write			
	Date: Fri Aug 06 16:12:31 2004			
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19			
	Compiled on Aug 31 2003 at 08:10:54			
	Operator: PEB			
	Host: Joe			
	Number of drives 3, Drives: 8A 90 1F			
	Case Cmd Drv Action Stat Cry Count Cmd Name			
	Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-28 <03> 80 Allowed 0000 Off 1 WriteSectors			
	0 SWB-28 <03> 80 Allowed 0000 Off 1 WriteSectors 1 SWB-28 <0B> 80 Allowed 0000 Off 1 WriteLong			
	0 SWB-28 <03> 80 Allowed 0000 Off 1 WriteSectors 1 SWB-28 <0B> 80 Allowed 0000 Off 1 WriteLong 2 SWB-28 <43> 80 Allowed 0000 Off 1 ExtWrite			
	0 SWB-28 <03> 80 Allowed 0000 Off 1 WriteSectors 1 SWB-28 <0B> 80 Allowed 0000 Off 1 WriteLong 2 SWB-28 <43> 80 Allowed 0000 Off 1 ExtWrite Results for SWB-28 category w on drive 80 No commands blocked (0 of 3)			
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	<pre>0 SWB-28 <03> 80 Allowed 0000 Off 1 WriteSectors 1 SWB-28 <0B> 80 Allowed 0000 Off 1 WriteLong 2 SWB-28 <43> 80 Allowed 0000 Off 1 ExtWrite Results for SWB-28 category w on drive 80 No commands blocked (0 of 3) 0 SWB-28 <03> 81 Blocked 0000 Off 0 WriteSectors 1 SWB-28 <0B> 81 Blocked 0000 Off 0 WriteLong 2 SWB-28 <43> 81 Blocked 0000 Off 0 ExtWrite Results for SWB-28 category w on drive 81 All commands blocked (3 of 3) 0 SWB-28 <03> 82 Blocked 0000 Off 0 WriteSectors 1 SWB-28 <03> 82 Blocked 0000 Off 0 WriteSectors 2 SWB-28 <43> 82 Blocked 0000 Off 0 WriteLong 2 SWB-28 <43> 82 Blocked 0000 Off 0 WriteLong 2 SWB-28 <43> 82 Blocked 0000 Off 0 State 1 SWB-28 <43> 82 Blocked 0000 Off 0 State 2 SWB-28 <43> 82 Blocked 0000 Off 0 State 2 SWB-28 <43> 82 Blocked 0000 Off 0 State Results for SWB-28 category w on drive 82 All commands blocked (3 of 3) Summary: 9 sent, 6 blocked, 3 not blocked</pre>			
	<pre>0 SWB-28 <03> 80 Allowed 0000 Off 1 WriteSectors 1 SWB-28 <0B> 80 Allowed 0000 Off 1 WriteLong 2 SWB-28 <43> 80 Allowed 0000 Off 1 ExtWrite Results for SWB-28 category w on drive 80 No commands blocked (0 of 3) 0 SWB-28 <03> 81 Blocked 0000 Off 0 WriteSectors 1 SWB-28 <0B> 81 Blocked 0000 Off 0 WriteLong 2 SWB-28 <43> 81 Blocked 0000 Off 0 ExtWrite Results for SWB-28 category w on drive 81 All commands blocked (3 of 3) 0 SWB-28 <03> 82 Blocked 0000 Off 0 WriteSectors 1 SWB-28 <0B> 82 Blocked 0000 Off 0 WriteSectors 1 SWB-28 <0B> 82 Blocked 0000 Off 0 WriteLong 2 SWB-28 <43> 82 Blocked 0000 Off 0 ExtWrite Results for SWB-28 category w on drive 82 All commands blocked (3 of 3) Summary: 9 sent, 6 blocked, 3 not blocked</pre>			
Decultor	<pre>0 SWB-28 <03> 80 Allowed 0000 Off 1 WriteSectors 1 SWB-28 <0B> 80 Allowed 0000 Off 1 WriteLong 2 SWB-28 <43> 80 Allowed 0000 Off 1 ExtWrite Results for SWB-28 category w on drive 80 No commands blocked (0 of 3) 0 SWB-28 <03> 81 Blocked 0000 Off 0 WriteSectors 1 SWB-28 <0B> 81 Blocked 0000 Off 0 WriteLong 2 SWB-28 <43> 81 Blocked 0000 Off 0 ExtWrite Results for SWB-28 category w on drive 81 All commands blocked (3 of 3) 0 SWB-28 <03> 82 Blocked 0000 Off 0 WriteSectors 1 SWB-28 <0B> 82 Blocked 0000 Off 0 WriteSectors 1 SWB-28 <0B> 82 Blocked 0000 Off 0 WriteLong 2 SWB-28 <43> 82 Blocked 0000 Off 0 ExtWrite Results for SWB-28 category w on drive 82 All commands blocked (3 of 3) Summary: 9 sent, 6 blocked, 3 not blocked</pre>			
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Results:	0 SWB-28 <03> 80 Allowed 0000 Off1 WriteSectors1 SWB-28 <0B> 80 Allowed 0000 Off1 WriteLong2 SWB-28 <43> 80 Allowed 0000 Off1 ExtWriteResults for SWB-28 category w on drive 80 No commands blocked (0 of 3)0 SWB-28 <03> 81 Blocked 0000 Off0 SWB-28 <03> 81 Blocked 0000 Off0 WriteSectors1 SWB-28 <03> 81 Blocked 0000 Off0 WriteLong2 SWB-28 <43> 81 Blocked 0000 Off0 ExtWriteResults for SWB-28 category w on drive 81 All commands blocked (3 of 3)0 SWB-28 <03> 82 Blocked 0000 Off0 WriteSectors1 SWB-28 <03> 82 Blocked 0000 Off0 WriteLong2 SWB-28 <43> 82 Blocked 0000 Off0 WriteLong2 SWB-28 <43> 82 Blocked 0000 Off0 ExtWriteResults for SWB-28 category w on drive 82 All commands blocked (3 of 3)0 SWB-28 <43> 82 Blocked, 3 not blocked****** Signal Log *****SIGNAL: yAssertionExpected ResultsAM-07Tool active messageTool active message			
Results:	0 SWB-28 <03> 80 Allowed 0000 Off1 WriteSectors1 SWB-28 <0B> 80 Allowed 0000 Off1 WriteLong2 SWB-28 <43> 80 Allowed 0000 Off1 ExtWriteResults for SWB-28 category w on drive 80 No commands blocked (0 of 3)0 SWB-28 <03> 81 Blocked 0000 Off0 SWB-28 <03> 81 Blocked 0000 Off0 WriteSectors1 SWB-28 <0B> 81 Blocked 0000 Off0 WriteLong2 SWB-28 <43> 81 Blocked 0000 Off0 ExtWriteResults for SWB-28 category w on drive 81 All commands blocked (3 of 3)0 SWB-28 <03> 82 Blocked 0000 Off0 WriteSectors1 SWB-28 <0B> 82 Blocked 0000 Off0 WriteLong2 SWB-28 <43> 82 Blocked 0000 Off0 WriteLong2 SWB-28 <43> 82 Blocked 0000 Off0 ExtWriteResults for SWB-28 category w on drive 82 All commands blocked (3 of 3)0 SWB-28 <43> 82 Blocked 0000 Off0 ExtWriteResults for SWB-28 category w on drive 82 All commands blocked (3 of 3)Summary: 9 sent, 6 blocked, 3 not blocked****** Signal Log *****SIGNAL: yAssertion Expected ResultsActual ResultsAM-07Tool active messageAM-083 drives identified3 drives identified			
Results:	0 SWB-28 <03> 80 Allowed 0000 Off1 WriteSectors1 SWB-28 <0B> 80 Allowed 0000 Off1 WriteLong2 SWB-28 <43> 80 Allowed 0000 Off1 ExtWriteResults for SWB-28 category w on drive 80 No commands blocked (0 of 3)0 SWB-28 <03> 81 Blocked 0000 Off0 SWB-28 <03> 81 Blocked 0000 Off0 WriteSectors1 SWB-28 <03> 81 Blocked 0000 Off0 WriteLong2 SWB-28 <43> 81 Blocked 0000 Off0 ExtWriteResults for SWB-28 category w on drive 81 All commands blocked (3 of 3)0 SWB-28 <03> 82 Blocked 0000 Off0 WriteSectors1 SWB-28 <03> 82 Blocked 0000 Off0 WriteLong2 SWB-28 <43> 82 Blocked 0000 Off0 WriteLong2 SWB-28 <43> 82 Blocked 0000 Off0 ExtWriteResults for SWB-28 category w on drive 82 All commands blocked (3 of 3)0 SWB-28 <43> 82 Blocked, 3 not blocked****** Signal Log *****SIGNAL: yAssertionExpected ResultsAM-07Tool active messageTool active message			
Results:	0SWB-28 <03> 80Allowed 0000 off1WriteSectors1SWB-28 <0B> 80Allowed 0000 off1ExtWriteResults for SWB-28 category w on drive 80No commands blocked (0 of 3)0SWB-28 <03> 81Blocked 0000 off00SWB-28 <03> 81Blocked 0000 off02SWB-28 <03> 81Blocked 0000 off02SWB-28 <03> 81Blocked 0000 off02SWB-28 <03> 81Blocked 0000 off02SWB-28 <03> 82Blocked 0000 off00SWB-28 <03> 82Blocked 0000 off01SWB-28 <03> 82Blocked 0000 off02SWB-28 <03> 82Blocked 0000 off02SWB-28 <03> 82Blocked 0000 off02SWB-28 <03> 82Blocked 0000 off02SWB-28 <03> 82Blocked 0000 off03Summary: 9sent, 6blocked, 33Summary: 9sent, 6blocked, 34Am-07Tool active messageTool active messageAM-083drives identified3AM-09Drive 80 is unprotectedDrive			
Results:	0SWB-28 <03> 80 Allowed 0000 Off1WriteSectors1SWB-28 <0B> 80 Allowed 0000 Off1WriteLong2SWB-28 <43> 80 Allowed 0000 Off1ExtWriteResults for SWB-28 category w on drive 80 No commands blocked (0 of 3)0SWB-28 <03> 81 Blocked 0000 Off0SWB-28 <03> 81 Blocked 0000 Off0WriteSectors1SWB-28 <0B> 81 Blocked 0000 Off0WriteLong2SWB-28 <03> 81 Blocked 0000 Off0ExtWriteResults for SWB-28 category w on drive 81 All commands blocked (3 of 3)0SWB-28 <03> 82 Blocked 0000 Off0SWB-28 <03> 82 Blocked 0000 Off0WriteSectors1SWB-28 <0B> 82 Blocked 0000 Off0WriteLong2SWB-28 <03> 82 Blocked 0000 Off0WriteLong2SWB-28 <0B> 82 Blocked 0000 Off0WriteLong2SWB-28 <43> 82 Blocked 0000 Off0ExtWriteResults for SWB-28 category w on drive 82 All commands blocked (3 of 3)Summary: 9 sent, 6 blocked, 3 not blocked*****Signal Log *****SIGNAL: yAssertionExpected ResultsActual ResultsAM-07Tool active messageTool active messageAM-083 drives identified3 drives identifiedAM-09Drive 80 is unprotectedDrive 80 is unprotectedAM-09Drive 81 is protectedDrive 81 is protectedAM-09Drive 82 is protectedDrive 82 is protected			
Results:	0SWB-28 <03> 80Allowed 0000 off1WriteSectors1SWB-28 <0B> 80Allowed 0000 off1ExtWriteResults for SWB-28 category w on drive 80No commands blocked (0 of 3)0SWB-28 <03> 81Blocked 0000 off00SWB-28 <03> 81Blocked 0000 off02SWB-28 <03> 81Blocked 0000 off02SWB-28 <03> 81Blocked 0000 off02SWB-28 <03> 81Blocked 0000 off02SWB-28 <03> 82Blocked 0000 off00SWB-28 <03> 82Blocked 0000 off01SWB-28 <03> 82Blocked 0000 off02SWB-28 <03> 82Blocked 0000 off02SWB-28 <03> 82Blocked 0000 off02SWB-28 <03> 82Blocked 0000 off02SWB-28 <03> 82Blocked 0000 off03Summary: 9sent, 6blocked, 33Summary: 9sent, 6blocked, 34Am-07Tool active messageTool active messageAM-083drives identified3AM-09Drive 80 is unprotectedDrive			
Results:	0SWB-28 <03> 80 Allowed 0000 Off1WriteSectors1SWB-28 <0B> 80 Allowed 0000 Off1WriteLong2SWB-28 <43> 80 Allowed 0000 Off1ExtWriteResults for SWB-28 category w on drive 80 No commands blocked (0 of 3)0SWB-28 <03> 81 Blocked 0000 Off0SWB-28 <03> 81 Blocked 0000 Off0WriteSectors1SWB-28 <0B> 81 Blocked 0000 Off0WriteLong2SWB-28 <03> 81 Blocked 0000 Off0ExtWriteResults for SWB-28 category w on drive 81 All commands blocked (3 of 3)0SWB-28 <03> 82 Blocked 0000 Off0SWB-28 <03> 82 Blocked 0000 Off0WriteSectors1SWB-28 <0B> 82 Blocked 0000 Off0WriteLong2SWB-28 <03> 82 Blocked 0000 Off0WriteLong2SWB-28 <0B> 82 Blocked 0000 Off0WriteLong2SWB-28 <43> 82 Blocked 0000 Off0ExtWriteResults for SWB-28 category w on drive 82 All commands blocked (3 of 3)Summary: 9 sent, 6 blocked, 3 not blocked*****Signal Log *****SIGNAL: yAssertionExpected ResultsActual ResultsAM-07Tool active messageTool active messageAM-083 drives identified3 drives identifiedAM-09Drive 80 is unprotectedDrive 80 is unprotectedAM-09Drive 81 is protectedDrive 81 is protectedAM-09Drive 82 is protectedDrive 82 is protected			
Results:	0SWB-28<03> 80Allowed 0000 off1WriteSectors1SWB-28<0B> 80Allowed 0000 off1ExtWriteResults for SWB-28category w on drive 80No commands blocked (0 of 3)0SWB-28<03> 81Blocked 0000 off01SWB-28<0B> 81Blocked 0000 off02SWB-28<0B> 81Blocked 0000 off02SWB-28<0B> 81Blocked 0000 off02SWB-28<0B> 81Blocked 0000 off02SWB-28<0B> 82Blocked 0000 off00SWB-28<03> 82Blocked 0000 off00SWB-28<0B> 82Blocked 0000 off00SWB-28<0B> 82Blocked 0000 off01SWB-28<0B> 82Blocked 0000 off02SWB-28<43> 82Blocked 0000 off02SWB-28<43> 82Blocked 0000 off02SWB-28<43> 82Blocked 0000 off02SWB-28<43> 82Blocked 0000 off03summary: 9sent, 6blocked, 3not blocked*****Signal Log *****Signal Log *****SIGNAL: yXXXXAssertionExpected ResultsActual ResultsAM-07Tool active messageTool active messageAM-083drives identified3AM-09Drive 80 is unprotectedDrive 80 is unprotected			

Case SWB-28 PDBlock Version 2.10			
	AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-10	Signal observed	Signal observed
Analysis:	SWB-28 Expected results achieved		

	ock Version 2.10		
Case summary:	SWB-29 Install three drives, configure return code to failure, protect with pattern PUP, execute write commands.		
Assertions			
	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands		
	and the tool blocks a command then the return code shall indicate		
	unsuccessful command execution.		
	SWB-AO-01. If a subset of all covered drives is specified for		
	protection, then commands from the write category shall be blocked		
	for drives in the selected subset.		
	SWB-AO-07. If a subset of all covered drives is specified for		
	protection, then no commands from any category shall be blocked for		
	drives not in the selected subset.		
	SWB-A0-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Aug 06 16:26:12 2004		
Test PC:	Joe		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors		
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors		
	Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548		
	sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
encouoca	A:\pdblock 02 /fail		
	A:\test-hdl SWB-29 Joe PEB w 8A 90 1F		
	A:\sig-log SWB-29 Joe PEB		
	Shutdown Test PC		
Log File	***** Monitor Execution *****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
HIGHLIGHLS.			
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/06/04 at 16:25:42) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 0,2		
	Return Code: FAILURE		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 35916548 17537		
	CHS 16434495 8024		
	1 LBA 39102336 19092		
	CHS 16434495 8024		
	2 LBA 58633344 28629		
	CHS 16434495 8024		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-29 JOE PEB w 8A 90 1F		
	CMD: A.\IESI-HDL.EXE SWB-29 JOE PEB W 8A 90 IF Case: SWB-29		
	Command set: Write		
	Date: Fri Aug 06 16:26:12 2004		
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51		
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19		
	Compiled on Aug 31 2003 at 08:10:54		
	Operator: PEB		
	-		
	Host: Joe		

Case SWB-29 PDB1	ock Version 2	.10	
	Number of d	rives 3, Drives: 8A 90 1F	
	Case	Cmd Drv Action Stat Cry Count	Cmd Name
		<03> 80 Blocked 0300 On 0	
		<0B> 80 Blocked 0300 On 0	
		<43> 80 Blocked 0300 On 0	
		SWB-29 category w on drive 80	
	0 SWB-29	<03> 81 Allowed 0000 Off 1	WriteSectors
	1 SWB-29	<0B> 81 Allowed 0000 Off 1	WriteLong
		<43> 81 Allowed 0000 Off 1	
		SWB-29 category w on drive 81	
		<03> 82 Blocked 0300 On 0	
		<0B> 82 Blocked 0300 On 0	-
		<43> 82 Blocked 0300 On 0	
		SWB-29 category w on drive 82	All commands blocked (3 of 3)
	Summary: 9	sent, 6 blocked, 3 not blocked	
	Summary: 9	sent, 6 blocked, 3 not blocked	
	***** Signa		
Results:		l Log *****	Actual Results
Results:	***** Signa SIGNAL: y	l Log *****	Actual Results Tool active message
Results:	***** Signa SIGNAL: y Assertion	Log ***** Expected Results	
Results:	***** Signa SIGNAL: y Assertion AM-07	l Log ***** Expected Results Tool active message	Tool active message
Results:	***** Signa SIGNAL: y Assertion AM-07 AM-08	l Log ***** Expected Results Tool active message 3 drives identified	Tool active message 3 drives identified
Results:	***** Signa SIGNAL: y Assertion AM-07 AM-08 AM-09	l Log ***** Expected Results Tool active message 3 drives identified Drive 80 is protected	Tool active message 3 drives identified Drive 80 is protected
Results:	***** Signa SIGNAL: y Assertion AM-07 AM-08 AM-09 AM-09	l Log ***** Expected Results Tool active message 3 drives identified Drive 80 is protected Drive 81 is unprotected	Tool active message 3 drives identified Drive 80 is protected Drive 81 is unprotected
Results:	***** Signa SIGNAL: y Assertion AM-07 AM-08 AM-09 AM-09 AM-09	l Log ***** Expected Results Tool active message 3 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected	Tool active message 3 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected
Results:	***** Signa SIGNAL: y Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-11	l Log ***** Expected Results Tool active message 3 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected 6 Commands return fail	Tool active message 3 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected 6 Commands return fail
Results:	***** Signa SIGNAL: y Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-11 AO-01	<pre>Log ***** Expected Results Tool active message drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Commands return fail All cmds to drive 80 blocked</pre>	Tool active message 3 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected 6 Commands return fail All cmds to drive 80 blocked
Results:	***** Signa SIGNAL: y Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-11 AO-01 AO-01	<pre>Log ***** Expected Results Tool active message 3 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected 6 Commands return fail All cmds to drive 80 blocked All cmds to drive 82 blocked</pre>	Tool active message 3 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected 6 Commands return fail All cmds to drive 80 blocked All cmds to drive 82 blocked

Case SWB-30 PDB1				
Case summary:	SWB-30 Install three drives, configure return code to success, protect			
	with pattern PPU, execute write commands.			
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message			
Tested:	indicating that the tool is active.			
	SWB-AM-08. If the tool is executed then the tool shall issue a message			
	indicating all drives accessible by the covered interfaces.			
	SWB-AM-09. If the tool is executed then the tool shall issue a message			
	indicating the protection status of each drive attached to a			
	covered interface.			
	SWB-AM-10. If the tool is configured to return success on blocked			
	<pre>commands and the tool blocks a command then the return code shall indicate successful command execution. SWB-A0-01. If a subset of all covered drives is specified for protection, then commands from the write category shall be blocked for drives in the selected subset.</pre>			
				SWB-AO-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for
	drives not in the selected subset.			
	SWB-AO-10. If the tool blocks a command then the tool shall issue			
	either an audio or a visual signal.			
Tester Name:	PEB			
Test Date:	Fri Aug 06 16:34:22 2004			
Test PC:	Joe			
Test Software:	SWBT 1.0			
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors			
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors			
	Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548			
	sectors			
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]			

Commands
executed:Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
A:\tally13
A:\pdblock 01
A:\test-hdl SWB-30 Joe PEB w 8A 90 1F
A:\sig-log SWB-30 Joe PEB
Shutdown Test PCLog File****** Monitor Execution *****

Case SWB-30 PDBlog	ck Version 2	.10	
Highlights:		5 interrupt 13h (disk service)	
		mpiled on 07/29/03 at 07:33:17	
	-	n 1.1 Created 07/29/03 at 07:28	3:05
	Now (08/06/0)4 at 16:33:53) Going TS	SR
		ll PDB Log *****	
	PDBlock Vers	sion 2.10: (P)hysical (D)isk Wi	rite (BLOCK)er
	Drives Prote		
	Return Code	SUCCESS	
	Bell:	ON	
	Message:	ON	
	Drive Mode	e Length Size (Mb)	
	0 LB2	A 35916548 17537 5 16434495 8024	
	CH	5 16434495 8024	
	1 LB2	A 39102336 19092 5 16434495 8024	
	CH		
	2 LB2	A 58633344 28629	
		5 16434495 8024	
		larness Log *****	
	CMD: A:\TES	I-HDL.EXE SWB-30 Joe PEB w 8A 9	90 1F
	Case: SWB-3		
	Command set		
	Date: Fri Au	ıg 06 16:34:22 2004	
	Ward and of		
	<pre>Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19</pre>		
	,		
	Operator: Pl	iled on Aug 31 2003 at 08:10:5	4
	Host: Joe	5B	
		rives 3, Drives: 8A 90 1F	
		2md Drv Action Stat Cry Count	Cmd Name
		<03> 80 Blocked 0000 Off 0	
		<pre><03> 80 Blocked 0000 011 0 <0B> 80 Blocked 0000 0ff 0</pre>	
		<pre><43> 80 Blocked 0000 Off 0</pre>	-
		SWB-30 category w on drive 80	
		<03> 81 Blocked 0000 Off 0	
	1 SWB-30	<pre><0B> 81 Blocked 0000 Off 0</pre>	WriteLong
		<pre><43> 81 Blocked 0000 Off 0</pre>	
		SWB-30 category w on drive 81	
		<03> 82 Allowed 0000 Off 1	
	1 SWB-30 ·	<0B> 82 Allowed 0000 Off 1	WriteLong
		<43> 82 Allowed 0000 Off 1	
	Results for	SWB-30 category w on drive 82	No commands blocked (0 of 3)
	Summary: 9 sent, 6 blocked, 3 not blocked		
	***** Signal Log *****		
	SIGNAL: y		
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	3 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-09	Drive 82 is unprotected	Drive 82 is unprotected
	AM-09		
	AM-10	6 Commands return success	6 Commands return success
			6 Commands return success
	AM-10 AO-01	6 Commands return success All cmds to drive 80 blocked	6 Commands return success All cmds to drive 80 blocked
	AM-10 AO-01 AO-01	6 Commands return success All cmds to drive 80 blocked All cmds to drive 81 blocked	6 Commands return success All cmds to drive 80 blocked All cmds to drive 81 blocked
	AM-10 AO-01 AO-01 AO-07	6 Commands return success All cmds to drive 80 blocked All cmds to drive 81 blocked No cmds to drive 82 blocked	6 Commands return success All cmds to drive 80 blocked All cmds to drive 81 blocked No cmds to drive 82 blocked
Analysis:	AM-10 AO-01 AO-01 AO-07 AO-10	6 Commands return success All cmds to drive 80 blocked All cmds to drive 81 blocked	6 Commands return success All cmds to drive 80 blocked All cmds to drive 81 blocked

Case SWB-31 PDBlock Version 2.10

Case summary:	SWB-31 Install three drives, configure return code to failure, protect
	with pattern PUU, execute read commands.
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message
Tested:	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message
	indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message

Case SWB-31 PDBlc	ock Version 2.10		
	 indicating the protection status of each drive attached to a covered interface. SWB-AM-11. If the tool is configured to return fail on blocked commands and the tool blocks a command then the return code shall indicate unsuccessful command execution. SWB-AO-04. If a subset of all covered drives is specified for protection, then commands from the read category shall not be blocked for drives in the selected subset. SWB-AO-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for 		
	drives not in the selected subset. SWB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Aug 06 16:38:37 2004		
Test PC:	Joe		
Test Software:	SWBT 1.0		
Hard Drives Used:	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors		
Commands executed:	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 0 /fail A:\test-hdl SWB-31 Joe PEB r 8A 90 1F A:\sig-log SWB-31 Joe PEB Shutdown Test PC		
Log File	***** Monitor Execution *****		
Highlights:	<pre>Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 16:38:08) Going TSR ***** Install PDB Log **** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0 Return Code: FAILURE Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 35916548 17537 CHS 16434495 8024 1 LBA 39102336 19092 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 ***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-31 Joe PEB r 8A 90 1F Case: SWB-31 Command set: Read Date: Fri Aug 06 16:38:37 2004</pre>		
	<pre>Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-31 <02> 80 Allowed 0000 Off 1 ReadSectors 1 SWB-31 <0A> 80 Allowed 0000 Off 1 ReadLong 2 SWB-31 <42> 80 Allowed 0000 Off 1 ExtRead Results for SWB-31 category r on drive 80 No commands blocked (0 of 3) 0 SWB-31 <02> 81 Allowed 0000 Off 1 ReadSectors 1 SWB-31 <0A> 81 Allowed 0000 Off 1 ReadLong 2 SWB-31 <42> 82 Allowed 0000 Off 1 ReadSectors 1 SWB-31 <02> 82 Allowed 0000 Off 1 ReadSectors 1 SWB-31 <02> 82 Allowed 0000 Off 1 ReadSectors 1 SWB-31 <02> 82 Allowed 0000 Off 1 ReadSectors 1 SWB-31 <03> 82 Allowed 0000 Off 1 ReadSectors 1 SWB-31 <04> 82 Allowed 0000 Off 1 ReadLong 2 SWB-31 <42> 82 Allowed 0000 Off 1 ReadLong</pre>		

Case SWB-31 PDBlock Version 2.10			
		sent, 0 blocked, 9 not blocked	2 No commands blocked (0 of 3) 1
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	3 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is unprotected	Drive 81 is unprotected
	AM-09	Drive 82 is unprotected	Drive 82 is unprotected
	AM-11	0 Commands return fail	0 Commands return fail
	AO-04	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-07	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AO-07	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	AO-10	No signal observed	No signal observed
Analysis:	SWB-31 Expe	cted results achieved	

	Lock Version 2.10 SWB-32 Install three drives, configure return code to success, protect		
Case summary:	with pattern UPU, execute read commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
Tested.	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a covered interface.		
	SWB-AM-10. If the tool is configured to return success on blocked		
	commands and the tool blocks a command then the return code shall indicate successful command execution.		
	SWB-A0-04. If a subset of all covered drives is specified for		
	protection, then commands from the read category shall not be		
	blocked for drives in the selected subset.		
	SWB-A0-07. If a subset of all covered drives is specified for		
	protection, then no commands from any category shall be blocked for		
	drives not in the selected subset.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Aug 06 16:44:27 2004		
Test PC:	Joe		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors		
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors		
	Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548		
	sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 1		
	A:\test-hdl SWB-32 Joe PEB r 8A 90 1F		
	A:\sig-log SWB-32 Joe PEB		
	Shutdown Test PC		
Log File	***** Monitor Execution *****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/06/04 at 16:43:58) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 1		
	Return Code: SUCCESS		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 35916548 17537		
	CHS 16434495 8024		

Case SWB-32 PDBlo	ock Version 2	.10	
	1 LB	A 39102336 19092	
	CH	S 16434495 8024	
	2 LB	A 58633344 28629	
		S 16434495 8024	
		Harness Log *****	
	1	T-HDL.EXE SWB-32 Joe PEB r 8A	90 1F
	Case: SWB-3	-	
	Command set		
	Date. Fri A	ug 06 16:44:27 2004	
	@(#) Comp Operator: P	#) test-hdl.cpp Version 1.1 Cr) wb-defs.h Version 1.2 Create piled on Aug 31 2003 at 08:10: EB	d 08/31/03 at 08:18:19
	Host: Joe	rives 3, Drives: 8A 90 1F	
	Case 0 SWB-32 1 SWB-32 2 SWB-32 Results for 0 SWB-32 1 SWB-32 2 SWB-32 Results for 0 SWB-32 1 SWB-32 2 SWB-32 Results for	Cmd Drv Action Stat Cry Count <02> 80 Allowed 0000 Off <42> 80 Allowed 0000 Off SWB-32 category r on drive 80 <02> 81 Allowed 0000 Off <42> 81 Allowed 0000 Off SWB-32 category r on drive 81 <0A> 81 Allowed 0000 Off SWB-32 category r on drive 81 <02> 82 Allowed 0000 Off <42> 82 Allowed 0000 Off SWB-32 category r on drive 81 <0A> 82 Allowed 0000 Off SWB-32 category r on drive 81 <42> 82 Allowed 0000 Off SWB-32 category r on drive 81 sent, 0 blocked, 9 not blocked	<pre>1 ReadSectors 1 ReadLong 1 ExtRead 2 No commands blocked (0 of 3) 1 ReadSectors 1 ReadLong 1 ExtRead 1 No commands blocked (0 of 3) 1 ReadSectors 1 ReadLong 1 ExtRead 2 No commands blocked (0 of 3)</pre>
	SIGNAL: n	5	
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	3 drives identified
	AM-09	Drive 80 is unprotected	Drive 80 is unprotected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-09	Drive 82 is unprotected	Drive 82 is unprotected
	AM-10	0 Commands return success	0 Commands return success
	AO-04	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AO-04 AO-07	No cmds to drive 81 blocked No cmds to drive 80 blocked	No cmds to drive 81 blocked No cmds to drive 80 blocked
	A0-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked

Case SWB-33 PDBlock Version 2.10

0000 000 000 100000	
Case summary:	SWB-33 Install three drives, configure return code to failure, protect
	with pattern UUP, execute read commands.
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message
Tested:	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message
	indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message
	indicating the protection status of each drive attached to a
	covered interface.
	SWB-AM-11. If the tool is configured to return fail on blocked commands
	and the tool blocks a command then the return code shall indicate
	unsuccessful command execution.
	SWB-AO-04. If a subset of all covered drives is specified for
	protection, then commands from the read category shall not be
	blocked for drives in the selected subset.
	SWB-AO-07. If a subset of all covered drives is specified for
	protection, then no commands from any category shall be blocked for
	drives not in the selected subset.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
	either an audio or a visual signal.

Case SWB-33 PDB1	ock Version 2.10		
Tester Name:	PEB		
Test Date:	Fri Aug 06 16:48:41 2004		
Test PC:	Joe		
Test Software:	SWBT 1.0		
Hard Drives Used:	Drive 80, label 8A is a WDC WD200EB-00 Drive 81, label 90 is a WDC WD300BB-00 Drive 82, label 1F is a Quantum ATLAS1 sectors	CAA0 with 58633344 sectors .0K3_18_SCA Drive with 35916548	
Commands executed:	Boot Test PC to (DOS 7.1) Windows 98 [A:\tally13 A:\pdblock 2 /fail	Version 4.10.2222]	
	A:\test-hdl SWB-33 Joe PEB r 8A 90 1F A:\sig-log SWB-33 Joe PEB Shutdown Test PC ***** Monitor Execution *****		
Log File Highlights:	Monitor BIOS interrupt 13h (disk servi tally13 compiled on 07/29/03 at 07:33 @(#) Version 1.1 Created 07/29/03 at 0 Now (08/06/04 at 16:48:12) Going ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)is Drives Protected: 2 Return Code: FAILURE Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 35916548 17537 CHS 16434495 8024 1 LBA 39102336 19092 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 ***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-33 Joe PEB r Case: SWB-33 Command set: Read	::17 7:28:05 TSR 0k Write (BLOCK)er	
	<pre>Date: Fri Aug 06 16:48:41 2004 Version: @(#) test-hdl.cpp Version 1.1 @(#) wb-defs.h Version 1.2 Crea Compiled on Aug 31 2003 at 08:1 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Co 0 SWB-33 <02> 80 Allowed 0000 Off 1 SWB-33 <0A> 80 Allowed 0000 Off 2 SWB-33 <42> 80 Allowed 0000 Off Results for SWB-33 category r on drive 0 SWB-33 <02> 81 Allowed 0000 Off 2 SWB-33 <42> 81 Allowed 0000 Off SWB-33 <0A> 81 Allowed 0000 Off SWB-33 <0A> 81 Allowed 0000 Off SWB-33 <0A> 81 Allowed 0000 Off Results for SWB-33 category r on drive 0 SWB-33 <0A> 82 Allowed 0000 Off SWB-33 <42> 82 Allowed 0000 Off SWB-33 <42> 82 Allowed 0000 Off Results for SWB-33 category r on drive 0 SWB-33 <42> 82 Allowed 0000 Off Results for SWB-33 category r on drive Summary: 9 sent, 0 blocked, 9 not block ****** Signal Log *****</pre>	ated 08/31/03 at 08:18:19 10:54 bunt Cmd Name 1 ReadSectors 1 ReadLong 1 ExtRead 2 80 No commands blocked (0 of 3) 1 ReadSectors 1 ReadLong 1 ExtRead 2 81 No commands blocked (0 of 3) 1 ReadSectors 1 ReadLong 1 ExtRead 2 82 No commands blocked (0 of 3)	
	SIGNAL: n		
	Assertion Expected Results	Actual Results	
Results:			
Results:	AM-07 Tool active message	Tool active message	
Results:	AM-07Tool active messageAM-083 drives identified	Tool active message 3 drives identified	
Results:			
Results:	AM-08 3 drives identified	3 drives identified	
Results:	AM-083 drives identifiedAM-09Drive 80 is unprotected	3 drives identified Drive 80 is unprotected	

Case SWB-33 PDBlo	ck Version 2	.10	
	AO-04	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-07	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AO-10	No signal observed	No signal observed
Analysis:	SWB-33 Expe	cted results achieved	

Case SWB-34 PDBlo	ock Version 2.10			
Case summary:	SWB-34 Install three drives, configure return code to success, protect			
-	with pattern UPP, execute read commands.			
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message			
Tested:	indicating that the tool is active.			
	SWB-AM-08. If the tool is executed then the tool shall issue a message			
	indicating all drives accessible by the covered interfaces.			
	SWB-AM-09. If the tool is executed then the tool shall issue a message			
	indicating the protection status of each drive attached to a			
	covered interface.			
	SWB-AM-10. If the tool is configured to return success on blocked			
	commands and the tool blocks a command then the return code shall			
	indicate successful command execution.			
	SWB-AO-04. If a subset of all covered drives is specified for			
	protection, then commands from the read category shall not be			
	blocked for drives in the selected subset.			
	SWB-AO-07. If a subset of all covered drives is specified for			
	protection, then no commands from any category shall be blocked for			
	drives not in the selected subset.			
	SWB-AO-10. If the tool blocks a command then the tool shall issue			
	either an audio or a visual signal.			
Tester Name:	PEB			
Test Date:	Fri Aug 06 16:54:28 2004			
Test PC:	Joe			
Test Software:	SWBT 1.0			
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors			
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors			
	Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548			
	sectors			
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]			
executed:	A:\tally13			
executed.	A:\pdblock 12			
	A:\test-hdl SWB-34 Joe PEB r 8A 90 1F			
	A:\sig-log SWB-34 Joe PEB			
	Shutdown Test PC			
Log File	***** Monitor Execution *****			
Highlights:	Monitor BIOS interrupt 13h (disk service)			
	tally13 compiled on 07/29/03 at 07:33:17			
	@(#) Version 1.1 Created 07/29/03 at 07:28:05			
	Now (08/06/04 at 16:53:59) Going TSR			
	***** Install PDB Log *****			
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er			
	Drives Protected: 1,2			
	Return Code: SUCCESS			
	Bell: ON			
	Message: ON			
	Drive Mode Length Size (Mb)			
	0 LBA 35916548 17537			
	CHS 16434495 8024			
	1 LBA 39102336 19092			
	CHS 16434495 8024			
	CHS 16434495 8024			
	***** Test Harness Log *****			
	CMD: A:\TEST-HDL.EXE SWB-34 Joe PEB r 8A 90 1F			
	Case: SWB-34			
	Command set: Read			
	Date: Fri Aug 06 16:54:28 2004			
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51			
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19			

		.10	
	Operator: F	EB	
	Host: Joe		
	Number of d	rives 3, Drives: 8A 90 1F	
		Cmd Drv Action Stat Cry Count	
		<02> 80 Allowed 0000 Off	1 ReadSectors
			1 ReadLong
		<42> 80 Allowed 0000 Off	
		5 1	0 No commands blocked (0 of 3)
			1 ReadSectors
		<oa> 81 Allowed 0000 Off</oa>	3
		<42> 81 Allowed 0000 Off	
			1 No commands blocked (0 of 3)
		<02> 82 Allowed 0000 Off	
		<0A> 82 Allowed 0000 Off	
		<42> 82 Allowed 0000 Off	
			2 No commands blocked (0 of 3)
	Summary. 9	sent, 0 blocked, 9 not blocked	1
	**** Siana] Log ****	
	***** Signa SIGNAL: n	l Log *****	
Results:			Actual Results
Results:	SIGNAL: n		Actual Results Tool active message
Results:	SIGNAL: n Assertion	Expected Results	
Results:	SIGNAL: n Assertion AM-07	Expected Results Tool active message	Tool active message
Results:	SIGNAL: n Assertion AM-07 AM-08	Expected Results Tool active message 3 drives identified	Tool active message3 drives identified
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09	Expected Results Tool active message 3 drives identified Drive 80 is unprotected	Tool active message 3 drives identified Drive 80 is unprotected
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09	Expected Results Tool active message 3 drives identified Drive 80 is unprotected Drive 81 is protected	Tool active message 3 drives identified Drive 80 is unprotected Drive 81 is protected
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09	Expected Results Tool active message 3 drives identified Drive 80 is unprotected Drive 81 is protected Drive 82 is protected	Tool active message 3 drives identified Drive 80 is unprotected Drive 81 is protected Drive 82 is protected
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-01	Expected Results Tool active message 3 drives identified Drive 80 is unprotected Drive 81 is protected Drive 82 is protected 0 Commands return success	Tool active message 3 drives identified Drive 80 is unprotected Drive 81 is protected Drive 82 is protected 0 Commands return success
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09	Expected Results Tool active message 3 drives identified Drive 80 is unprotected Drive 81 is protected Drive 82 is protected 0 Commands return success No cmds to drive 81 blocked	Tool active message 3 drives identified Drive 80 is unprotected Drive 81 is protected Drive 82 is protected 0 Commands return success No cmds to drive 81 blocked
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09	Expected Results Tool active message 3 drives identified Drive 80 is unprotected Drive 81 is protected Drive 82 is protected 0 Commands return success No cmds to drive 81 blocked No cmds to drive 82 blocked	Tool active message 3 drives identified Drive 80 is unprotected Drive 81 is protected Drive 82 is protected 0 Commands return success No cmds to drive 81 blocked No cmds to drive 82 blocked

Case SWB-35 PDBlc	ock Version 2.10		
Case summary:	SWB-35 Install three drives, configure return code to failure, protect		
	with pattern PUP, execute read commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands		
	and the tool blocks a command then the return code shall indicate unsuccessful command execution.		
	SWB-AO-04. If a subset of all covered drives is specified for		
	protection, then commands from the read category shall not be		
	blocked for drives in the selected subset.		
	SWB-AO-07. If a subset of all covered drives is specified for		
	protection, then no commands from any category shall be blocked for		
	drives not in the selected subset.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Aug 06 16:59:02 2004		
Test PC:	Joe		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors		
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors		
	Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548		
	sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 02 /fail		
	A:\test-hdl SWB-35 Joe PEB r 8A 90 1F		
	A:\sig-log SWB-35 Joe PEB		

Case SWB-35 PDBlock Version 2.10			
	Shutdown Te	st PC	
Log File	**** Monit	or Execution *****	
Highlights:	Monitor BIO	S interrupt 13h (disk service)	
	-	mpiled on 07/29/03 at 07:33:17	
	@(#) Versio	n 1.1 Created 07/29/03 at 07:2	28:05
	Now (08/06/04 at 16:58:32) Going TSR		
		ll PDB Log *****	
		sion 2.10: (P)hysical (D)isk W	Write (BLOCK)er
	Drives Prot		
	Return Code		
	Bell:	ON	
	Message: Drive Mod		
	0 LB		
		A 39102336 19092 S 16434495 8024	
		A 58633344 28629	
		S 16434495 8024	
		Harness Log ****	
		T-HDL.EXE SWB-35 Joe PEB r 8A	90 1F
	Case: SWB-3		
	Command set	: Read	
	Date: Fri A	ug 06 16:59:02 2004	
		#) test-hdl.cpp Version 1.1 Cr	
		wb-defs.h Version 1.2 Create	
		oiled on Aug 31 2003 at 08:10:	54
	Operator: PEB		
	Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-35 <02> 80 Allowed 0000 Off 1 ReadSectors 1 SWB-35 <0A> 80 Allowed 0000 Off 1 ReadLong 2 SWB-35 <42> 80 Allowed 0000 Off 1 ExtRead Results for SWB-35 category r on drive 80 No commands blocked (0 of 3 0 SWB-35 <02> 81 Allowed 0000 Off 1 ReadSectors		
	0 SWB-35 <02> 81 Allowed 0000 Off 1 ReadLong 2 SWB-35 <42> 81 Allowed 0000 Off 1 ReadLong Results for SWB-35 category r on drive 81 No commands blocked (0 of 3		ReadLong
	0 SWB-35 <02> 82 Allowed 0000 Off 1 ReadSectors		ReadSectors
	1 SWB-35 <0A> 82 Allowed 0000 Off 1 ReadLong		ReadLong
	2 SWB-35 <42> 82 Allowed 0000 Off 1 ExtRead		
	Results for	SWB-35 category r on drive 82	No commands blocked (0 of 3)
	Summary: 9 sent, 0 blocked, 9 not blocked		1
	***** Signa	l Log *****	
	SIGNAL: n		
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	3 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is unprotected	Drive 81 is unprotected
	AM-09	Drive 82 is protected	Drive 82 is protected
	AM-11	0 Commands return fail	0 Commands return fail
	AO-04	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-04	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	AO-07	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AO-10	No signal observed	No signal observed
Analysis:	SWB-35 Expe	cted results achieved	

Case SWB-36 PDBlock Version 2.10		
Case summary:	SWB-36 Install three drives, configure return code to success, protect	
	with pattern PPU, execute read commands.	
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message	
Tested:	indicating that the tool is active.	
	SWB-AM-08. If the tool is executed then the tool shall issue a message	

Case SWB-36 PDBlo	ock Version 2.10		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-10. If the tool is configured to return success on blocked		
	commands and the tool blocks a command then the return code shall		
	indicate successful command execution.		
	SWB-AO-04. If a subset of all covered drives is specified for		
	protection, then commands from the read category shall not be		
	blocked for drives in the selected subset.		
	SWB-AO-07. If a subset of all covered drives is specified for		
	protection, then no commands from any category shall be blocked for		
	drives not in the selected subset.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Aug 06 17:03:16 2004		
Test PC:	Joe		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors		
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors		
	Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548		
	sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 01		
	A:\test-hdl SWB-36 Joe PEB r 8A 90 1F		
	A:\sig-log SWB-36 Joe PEB		
	Shutdown Test PC		
Log File	***** Monitor Execution *****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/06/04 at 17:02:46) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 0,1		
	Return Code: SUCCESS		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 35916548 17537		
	CHS 16434495 8024		
	1 LBA 39102336 19092		
	CHS 16434495 8024		
	2 LBA 58633344 28629 CHS 16434495 8024		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-36 Joe PEB r 8A 90 1F Case: SWB-36		
	Command set: Read		
	Command set: Read Date: Fri Aug 06 17:03:16 2004		
	Dace. III AUG 00 1/.03.10 2004		
	Vergion: @(#) test hdl ann Vergion 1 1 Greated 08/22/02 at 10:12:51		
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19		
	Compiled on Aug 31 2003 at 08:10:54		
	Operator: PEB		
	Host: Joe		
	Number of drives 3, Drives: 8A 90 1F		
	Case Cmd Drv Action Stat Cry Count Cmd Name		
	0 SWB-36 <02> 80 Allowed 0000 Off 1 ReadSectors		
	1 SWB-36 <0A> 80 Allowed 0000 Off 1 ReadLong		
	2 SWB-36 <42> 80 Allowed 0000 Off 1 ExtRead		
	Results for SWB-36 category r on drive 80 No commands blocked (0 of 3)		
	0 SWB-36 <02> 81 Allowed 0000 Off 1 ReadSectors		
	1 SWB-36 <0A> 81 Allowed 0000 Off 1 ReadLong		
	2 SWB-36 <42> 81 Allowed 0000 Off 1 ExtRead		
	Results for SWB-36 category r on drive 81 No commands blocked (0 of 3)		
	0 SWB-36 <02> 82 Allowed 0000 Off 1 ReadSectors		

Case SWB-36 PDBlo	ck Version 2	.10	
	2 SWB-36 Results for	sent, 0 blocked, 9 not blocked	l ExtRead 2 No commands blocked (0 of 3)
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	3 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-09	Drive 82 is unprotected	Drive 82 is unprotected
	AM-10	0 Commands return success	0 Commands return success
	AO-04	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-04	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AO-07	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	AO-10	No signal observed	No signal observed
Analysis:	SWB-36 Expe	cted results achieved	

Case summary:	SWB-37 Install all drives, configure to be active at boot and shutdown,
case summary.	configure return code to failure, protect with pattern odd, execute
	write commands.
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message
Tested:	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message
	indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message
	indicating the protection status of each drive attached to a
	covered interface.
	SWB-AM-11. If the tool is configured to return fail on blocked commands
	and the tool blocks a command then the return code shall indicate
	unsuccessful command execution.
	SWB-AO-08. If the tool is active during the operating system boot and
	shutdown processes then no changes are made to any protected
	drives.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
	either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Tue Sep 07 10:23:02 2004
Test PC:	Freddy
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\test-hdl SWB-37 Freddy PEB w 6F F5 E3 E4
caccuccu.	A:\sig-log SWB-37 Freddy PEB
	Shutdown Test PC
Ion Dilo	***** Monitor Execution *****
Log File	
Highlights:	Monitor BIOS interrupt 13h (disk service)
	tally13 compiled on 07/29/03 at 07:33:17
	@(#) Version 1.1 Created 07/29/03 at 07:28:05
	Now (09/07/04 at 10:21:17) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: ALL
	Return Code: FAILURE
	Bell: ON
	Message: ON
	Drive Mode Length Size (Mb)
	0 LBA 120103200 58644
	CHS 16434495 8024
	1 LBA 40188960 19623
	CHS 16434495 8024

Case SWB-37 PDE	Block Version 2	.10	
		A 17938985 8759	
	СН	S 16434495 8024	
	3 LB	A 17938985 8759	
	CH	S 16434495 8024	
	***** Test	Harness Log *****	
	CMD: A:\TES	T-HDL.EXE SWB-37 Freddy PEB w	6F F5 E3 E4
	Case: SWB-3	7	
	Command set		
	Date: Tue S	ep 07 10:23:02 2004	
	@(#) Comp Operator: P Host: Fredd Number of d	y rives 4, Drives: 6F F5 E3 E4	l 08/31/03 at 08:18:19 54
	0 SWB-37	Cmd Drv Action Stat Cry Count <03> 80 Blocked 0300 On 0 <0B> 80 Blocked 0300 On 0	
		 <43> 80 Blocked 0300 0n 0 	-
	Results for 0 SWB-37 1 SWB-37	SWB-37 category w on drive 80 <03> 81 Blocked 0300 On 0	All commands blocked (3 of 3) WriteSectors WriteLong
	Results for 0 SWB-37 1 SWB-37	SWB-37 category w on drive 81 <03> 82 Blocked 0300 On 0	All commands blocked (3 of 3) WriteSectors WriteLong
	0 SWB-37 1 SWB-37		WriteSectors WriteLong
	Summary: 12	SWB-37 category w on drive 83 sent, 12 blocked, 0 not block	
	***** Signa SIGNAL: y	I Log *****	
esults:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	4 drives identified	4 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-09	Drive 82 is protected	Drive 82 is protected
	AM-09	Drive 83 is protected	Drive 83 is protected
	AM-05 AM-11	12 Commands return fail	12 Commands return fail
	AM-11 AO-08	All cmds to drive 80 blocked	All cmds to drive 80 blocked
	A0-08	All cmds to drive 80 blocked	All cmds to drive 80 blocked All cmds to drive 81 blocked
			All cmds to drive 81 blocked All cmds to drive 82 blocked
	AO-08	All cmds to drive 82 blocked	
	AO-08	All cmds to drive 83 blocked	All cmds to drive 83 blocked
	AO-10	Signal observed	Signal observed
nalysis:	SWB-37 Expe	cted results achieved	
ase SWB-38 PDE	Block Version 2		

Case SWB-38 PDB1c	ock Version 2.10	
Case summary:	SWB-38 Install all drives, configure to be active at boot and shutdown, configure return code to success, protect with pattern even, execute write commands.	
Assertions Tested:		

Case SWB-38 PDB1	ock Version 2.10
	shutdown processes then no changes are made to any protected
	drives.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
Tester Name:	either an audio or a visual signal. PEB
Test Date:	Tue Sep 07 10:16:29 2004
Test PC:	Freddy
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
G	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
Commands executed:	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\test-hdl SWB-38 Freddy PEB w 6F F5 E3 E4
executeu	A:\sig-log SWB-38 Freddy PEB
	Shutdown Test PC
Log File	***** Monitor Execution *****
Highlights:	Monitor BIOS interrupt 13h (disk service)
	tally13 compiled on 07/29/03 at 07:33:17
	@(#) Version 1.1 Created 07/29/03 at 07:28:05
	Now (09/07/04 at 10:14:07) Going TSR ***** Install PDB Log *****
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: ALL
	Return Code: SUCCESS
	Bell: ON
	Message: ON
	Drive Mode Length Size (Mb) 0 LBA 120103200 58644
	CHS 16434495 8024
	1 LBA 40188960 19623
	CHS 16434495 8024
	2 LBA 17938985 8759
	CHS 16434495 8024
	3 LBA 17938985 8759 CHS 16434495 8024
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-38 Freddy PEB w 6F F5 E3 E4
	Case: SWB-38
	Command set: Write
	Date: Tue Sep 07 10:16:29 2004
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19
	Compiled on Aug 31 2003 at 08:10:54
	Operator: PEB
	Host: Freddy
	Number of drives 4, Drives: 6F F5 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name
	0 SWB-38 <03> 80 Blocked 0000 Off 0 WriteSectors
	1 SWB-38 <0B> 80 Blocked 0000 Off 0 WriteLong
	2 SWB-38 <43> 80 Blocked 0000 Off 0 ExtWrite
	Results for SWB-38 category w on drive 80 All commands blocked (3 of 3)
	0 SWB-38 <03> 81 Blocked 0000 Off 0 WriteSectors
	1 SWB-38 <0B> 81 Blocked 0000 Off 0 WriteLong 2 SWB-38 <43> 81 Blocked 0000 Off 0 ExtWrite
	Results for SWB-38 category w on drive 81 All commands blocked (3 of 3)
	0 SWB-38 <03> 82 Blocked 0000 Off 0 WriteSectors
	1 SWB-38 <0B> 82 Blocked 0000 Off 0 WriteLong
	2 SWB-38 <43> 82 Blocked 0000 Off 0 ExtWrite
	Results for SWB-38 category w on drive 82 All commands blocked (3 of 3)
	0 SWB-38 <03> 83 Blocked 0000 Off 0 WriteSectors 1 SWB-38 <0B> 83 Blocked 0000 Off 0 WriteLong
	2 SWB-38 <43> 83 Blocked 0000 Off 0 ExtWrite
	Results for SWB-38 category w on drive 83 All commands blocked (3 of 3)
	Summary: 12 sent, 12 blocked, 0 not blocked
	***** Signal Log *****

Case SWB-38 PDBlock Version 2.10

	SIGNAL: y		
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	4 drives identified	4 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-09	Drive 82 is protected	Drive 82 is protected
	AM-09	Drive 83 is protected	Drive 83 is protected
	AM-10	12 Commands return success	12 Commands return success
	AO-08	All cmds to drive 80 blocked	All cmds to drive 80 blocked
	AO-08	All cmds to drive 81 blocked	All cmds to drive 81 blocked
	AO-08	All cmds to drive 82 blocked	All cmds to drive 82 blocked
	AO-08	All cmds to drive 83 blocked	All cmds to drive 83 blocked
	AO-10	Signal observed	Signal observed
Analysis:	SWB-38 Exp	ected results achieved	

Case SWB-39 PDBlock Version 2.10

a	CTTD 20 Testell all deises sections actions and to failure sectors
Case summary:	SWB-39 Install all drives, configure return code to failure, protect with pattern high, execute write commands, uninstall, execute all
	commands.
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message
Tested:	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message
	indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message
	indicating the protection status of each drive attached to a covered interface.
	SWB-AM-11. If the tool is configured to return fail on blocked commands and the tool blocks a command then the return code shall indicate unsuccessful command execution.
	SWB-AO-09. If the tool is active and the tool is then uninstalled then
	no commands to any drive shall be blocked.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
	either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Fri Aug 20 14:06:50 2004
Test PC:	Max
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors
obcu.	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
	Drive 83, label E4 is a QUANTUM ATLASIOK2-TYO92J with 17938985 sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\tally13
executed:	A:\pdblock 23 /fail
	A:\test-hdl SWB-39 Max PEB w F5 F6 E3 E4
	A:\sig-log SWB-39 Max PEB
	A:\t-off SWB-39 Max PEB
	ren A:\swb-log.txt wt-log.txt
	ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt
	ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt A:\pdblock none
	ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt A:\pdblock none A:\test-hdl SWB-39 Max PEB a F5 F6 E3 E4
	ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt A:\pdblock none A:\test-hdl SWB-39 Max PEB a F5 F6 E3 E4 A:\sig-log SWB-39 Max PEB
Log File	<pre>ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt A:\pdblock none A:\test-hdl SWB-39 Max PEB a F5 F6 E3 E4 A:\sig-log SWB-39 Max PEB Shutdown Test PC</pre>
Log File Highlights:	<pre>ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt A:\pdblock none A:\test-hdl SWB-39 Max PEB a F5 F6 E3 E4 A:\sig-log SWB-39 Max PEB Shutdown Test PC ***** Monitor Execution *****</pre>
Log File Highlights:	<pre>ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt A:\pdblock none A:\test-hdl SWB-39 Max PEB a F5 F6 E3 E4 A:\sig-log SWB-39 Max PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service)</pre>
-	<pre>ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt A:\pdblock none A:\test-hdl SWB-39 Max PEB a F5 F6 E3 E4 A:\sig-log SWB-39 Max PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17</pre>
-	<pre>ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt A:\pdblock none A:\test-hdl SWB-39 Max PEB a F5 F6 E3 E4 A:\sig-log SWB-39 Max PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05</pre>
-	<pre>ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt A:\pdblock none A:\test-hdl SWB-39 Max PEB a F5 F6 E3 E4 A:\sig-log SWB-39 Max PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/20/04 at 14:04:43) Going TSR</pre>
-	<pre>ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt A:\pdblock none A:\test-hdl SWB-39 Max PEB a F5 F6 E3 E4 A:\sig-log SWB-39 Max PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/20/04 at 14:04:43) Going TSR ***** Install PDB Log *****</pre>
-	<pre>ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt A:\pdblock none A:\test-hdl SWB-39 Max PEB a F5 F6 E3 E4 A:\sig-log SWB-39 Max PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/20/04 at 14:04:43) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er</pre>
-	<pre>ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt A:\pdblock none A:\test-hdl SWB-39 Max PEB a F5 F6 E3 E4 A:\sig-log SWB-39 Max PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/20/04 at 14:04:43) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 2,3</pre>
-	<pre>ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt A:\pdblock none A:\test-hdl SWB-39 Max PEB a F5 F6 E3 E4 A:\sig-log SWB-39 Max PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/20/04 at 14:04:43) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 2,3 Return Code: FAILURE</pre>
-	<pre>ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt A:\pdblock none A:\test-hdl SWB-39 Max PEB a F5 F6 E3 E4 A:\sig-log SWB-39 Max PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/20/04 at 14:04:43) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 2,3 Return Code: FAILURE Bell: ON</pre>
-	<pre>ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt A:\pdblock none A:\test-hdl SWB-39 Max PEB a F5 F6 E3 E4 A:\sig-log SWB-39 Max PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/20/04 at 14:04:43) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 2,3 Return Code: FAILURE Bell: ON Message: ON</pre>
-	<pre>ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt A:\pdblock none A:\test-hdl SWB-39 Max PEB a F5 F6 E3 E4 A:\sig-log SWB-39 Max PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/20/04 at 14:04:43) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 2,3 Return Code: FAILURE Bell: ON</pre>

Case SWB-39 PDBlo	ock Version 2.10
	1 LBA 40188960 19623
	CHS 16434495 8024
	2 LBA 17938985 8759
	CHS 16434495 8024
	3 LBA 17938985 8759
	CHS 16434495 8024
	***** Blocked Write Commands *****
	CMD: A:\TEST-HDL.EXE SWB-39 Max PEB w F5 F6 E3 E4
	Case: SWB-39
	Command set: Write Date: Fri Aug 20 14:05:11 2004
	Date. FII Aug 20 17:03:11 2007
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19
	Compiled on Aug 31 2003 at 08:10:54
	Operator: PEB
	Host: Max
	Number of drives 4, Drives: F5 F6 E3 E4
	Case Cmd Drv Action Stat Cry Count Cmd Name
	0 SWB-39 <03> 80 Allowed 0000 Off 1 WriteSectors
	1 SWB-39 <0B> 80 Allowed 0000 Off 1 WriteLong
	2 SWB-39 <43> 80 Allowed 0000 Off 1 ExtWrite
	Results for SWB-39 category w on drive 80 No commands blocked (0 of 3)
	0 SWB-39 <03> 81 Allowed 0000 Off 1 WriteSectors 1 SWB-39 <0B> 81 Allowed 0000 Off 1 WriteLong
	2 SWB-39 <43> 81 Allowed 0000 Off 1 ExtWrite
	Results for SWB-39 category w on drive 81 No commands blocked (0 of 3)
	0 SWB-39 <03> 82 Blocked 0300 On 0 WriteSectors
	1 SWB-39 <0B> 82 Blocked 0300 On 0 WriteLong 2 SWB-39 <43> 82 Blocked 0300 On 0 ExtWrite
	Results for SWB-39 category w on drive 82 All commands blocked (3 of 3)
	0 SWB-39 <03> 83 Blocked 0300 On 0 WriteSectors
	1 SWB-39 <0B> 83 Blocked 0300 On 0 WriteLong
	2 SWB-39 <43> 83 Blocked 0300 On 0 ExtWrite
	Results for SWB-39 category w on drive 83 All commands blocked (3 of 3)
	Summary: 12 sent, 6 blocked, 6 not blocked
	Number of Commands not blocked (should total to 6)
	Drive Count
	80 3
	81 3
	82 0
	***** Uninstall PDB Log *****
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: NONE
	Return Code: SUCCESS Bell: ON
	Message: ON
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-39 Max PEB a F5 F6 E3 E4
	Case: SWB-39
	Command set: All
	Date: Fri Aug 20 14:06:50 2004
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19
	Compiled on Aug 31 2003 at 08:10:54
	Operator: PEB
	Host: Max
	Number of drives 4, Drives: F5 F6 E3 E4
	Warning: non-zero tally (3) for drive 80 (reboot to clear)
	warning. non-zero tarry (3) for drive so (reboot to crear)
	Warning: non-zero tally (3) for drive 80 (reboot to clear) Warning: non-zero tally (3) for drive 81 (reboot to clear)
	Warning: non-zero tally (3) for drive 81 (reboot to clear) Case Cmd Drv Action Stat Cry Count Cmd Name O SWB-39 <00> 80 Allowed 0000 Off 1 Reset
	<pre>Warning: non-zero tally (3) for drive 81 (reboot to clear) Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-39 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-39 <0C> 80 Allowed 0000 Off 1 SeekDrive</pre>
	<pre>Warning: non-zero tally (3) for drive 81 (reboot to clear) Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-39 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-39 <0C> 80 Allowed 0000 Off 1 SeekDrive 2 SWB-39 <0D> 80 Allowed 0000 Off 1 AltReset</pre>
	<pre>Warning: non-zero tally (3) for drive 81 (reboot to clear) Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-39 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-39 <0C> 80 Allowed 0000 Off 1 SeekDrive</pre>

Case SWB-39 PDBlo	ock Version 2.10		
	Results for SWB-39 category c on drive 80 No commands blocked (0 of	5)
	0 SWB-39 <00> 81 Allowed 0000 Off 1 Reset		
	1 SWB-39 <oc> 81 Allowed 0000 Off 1 SeekDrive</oc>		
	2 SWB-39 <0D> 81 Allowed 0000 Off 1 AltReset		
	3 SWB-39 <11> 81 Allowed 0000 Off 1 Recalibrate 4 SWB-39 <47> 81 Allowed 0000 Off 1 ExtendedSeek		
	Results for SWB-39 category c on drive 81 No commands blocked (0 of	5)
	0 SWB-39 <00> 82 Allowed 0000 Off 1 Reset	0 01	5,
	1 SWB-39 <oc> 82 Allowed 0000 Off 1 SeekDrive</oc>		
	2 SWB-39 <0D> 82 Allowed 0000 Off 1 AltReset		
	3 SWB-39 <11> 82 Allowed 0000 Off 1 Recalibrate		
	4 SWB-39 <47> 82 Allowed 0000 Off 1 ExtendedSeek	o c	= \
	Results for SWB-39 category c on drive 82 No commands blocked (0 SWB-39 <00> 83 Allowed 0000 Off 1 Reset	U OI	5)
	1 SWB-39 <oc> 83 Allowed 0000 Off 1 SeekDrive</oc>		
	2 SWB-39 <od> 83 Allowed 0000 Off 1 AltReset</od>		
	3 SWB-39 <11> 83 Allowed 0000 Off 1 Recalibrate		
	4 SWB-39 <47> 83 Allowed 0000 Off 1 ExtendedSeek		
	Results for SWB-39 category c on drive 83 No commands blocked (0 of	5)
	Summary: 20 sent, 0 blocked, 20 not blocked		
	0 SWB-39 <01> 80 Allowed 0000 Off 1 GetLastStatus 1 SWB-39 <04> 80 Allowed 0000 Off 1 VerifySectors		
	2 SWB-39 <08> 80 Allowed 0000 Off 1 ReadDriveParms		
	3 SWB-39 <10> 80 Allowed 0000 Off 1 TestDriveReady		
	4 SWB-39 <15> 80 Allowed 0000 Off 1 ReadDriveType		
	5 SWB-39 <41> 80 Allowed 0000 Off 1 CheckForExtensions		
	6 SWB-39 <44> 80 Allowed 0000 Off 1 VerifySectors		
	7 SWB-39 <48> 80 Allowed 0000 Off 1 GetDriveParms	0.5	0.)
	Results for SWB-39 category i on drive 80 No commands blocked (0 SWB-39 <01> 81 Allowed 0000 Off 1 GetLastStatus	U OI	8)
	1 SWB-39 <04> 81 Allowed 0000 Off 1 VerifySectors		
	2 SWB-39 <08> 81 Allowed 0000 Off 1 ReadDriveParms		
	3 SWB-39 <10> 81 Allowed 0000 Off 1 TestDriveReady		
	4 SWB-39 <15> 81 Allowed 0000 Off 1 ReadDriveType		
	5 SWB-39 <41> 81 Allowed 0000 Off 1 CheckForExtensions		
	6 SWB-39 <44> 81 Allowed 0000 Off 1 VerifySectors		
	7 SWB-39 <48> 81 Allowed 0000 Off 1 GetDriveParms Results for SWB-39 category i on drive 81 No commands blocked (0 of	8)
	0 SWB-39 <01> 82 Allowed 0000 Off 1 GetLastStatus	U OL	0)
	1 SWB-39 <04> 82 Allowed 0000 Off 1 VerifySectors		
	2 SWB-39 <08> 82 Allowed 0000 Off 1 ReadDriveParms		
	3 SWB-39 <10> 82 Allowed 0000 Off 1 TestDriveReady		
	4 SWB-39 <15> 82 Allowed 0000 Off 1 ReadDriveType		
	5 SWB-39 <41> 82 Allowed 0000 Off 1 CheckForExtensions		
	6 SWB-39 <44> 82 Allowed 0000 Off 1 VerifySectors 7 SWB-39 <48> 82 Allowed 0000 Off 1 GetDriveParms		
	Results for SWB-39 category i on drive 82 No commands blocked (0 of	8)
	0 SWB-39 <01> 83 Allowed 0000 Off 1 GetLastStatus		- /
	1 SWB-39 <04> 83 Allowed 0000 Off 1 VerifySectors		
	2 SWB-39 <08> 83 Allowed 0000 Off 1 ReadDriveParms		
	3 SWB-39 <10> 83 Allowed 0000 Off 1 TestDriveReady		
	4 SWB-39 <15> 83 Allowed 0000 Off 1 ReadDriveType		
	5 SWB-39 <41> 83 Allowed 0000 Off 1 CheckForExtensions 6 SWB-39 <44> 83 Allowed 0000 Off 1 VerifySectors		
	7 SWB-39 <48> 83 Allowed 0000 Off 1 GetDriveParms		
	Results for SWB-39 category i on drive 83 No commands blocked (0 of	8)
	Summary: 32 sent, 0 blocked, 32 not blocked		- ,
	0 SWB-39 <02> 80 Allowed 0000 Off 1 ReadSectors		
	1 SWB-39 <oa> 80 Allowed 0000 Off 1 ReadLong</oa>		
	2 SWB-39 <42> 80 Allowed 0000 Off 1 ExtRead	0 0	2.1
	Results for SWB-39 category r on drive 80 No commands blocked (U of	3)
	0 SWB-39 <02> 81 Allowed 0000 Off 1 ReadSectors 1 SWB-39 <0A> 81 Allowed 0000 Off 1 ReadLong		
	2 SWB-39 <42> 81 Allowed 0000 Off 1 ExtRead		
	Results for SWB-39 category r on drive 81 No commands blocked (0 of	3)
	0 SWB-39 <02> 82 Allowed 0000 Off 1 ReadSectors		
	1 SWB-39 <oa> 82 Allowed 0000 Off 1 ReadLong</oa>		
	2 SWB-39 <42> 82 Allowed 0000 Off 1 ExtRead		

Case SWB-39 PDBl	ock Version 2.10
	Results for SWB-39 category r on drive 82 No commands blocked (0 of 3)
	0 SWB-39 <02> 83 Allowed 0000 Off 1 ReadSectors
	1 SWB-39 <0A> 83 Allowed 0000 Off 1 ReadLong
	2 SWB-39 <42> 83 Allowed 0000 Off 1 ExtRead
	Results for SWB-39 category r on drive 83 No commands blocked (0 of 3)
	Summary: 12 sent, 0 blocked, 12 not blocked
	0 SWB-39 <03> 80 Allowed 0000 Off 2 WriteSectors
	1 SWB-39 <0B> 80 Allowed 0000 Off 2 WriteLong
	2 SWB-39 <43> 80 Allowed 0000 Off 2 ExtWrite
	Results for SWB-39 category w on drive 80 No commands blocked (0 of 3)
	0 SWB-39 <03> 81 Allowed 0000 Off 2 WriteSectors
	1 SWB-39 <0B> 81 Allowed 0000 Off 2 WriteLong
	2 SWB-39 <43> 81 Allowed 0000 Off 2 ExtWrite
	Results for SWB-39 category w on drive 81 No commands blocked (0 of 3)
	0 SWB-39 <03> 82 Allowed 0000 Off 1 WriteSectors
	1 SWB-39 <0B> 82 Allowed 0000 Off 1 WriteLong
	2 SWB-39 <43> 82 Allowed 0000 Off 1 ExtWrite
	Results for SWB-39 category w on drive 82 No commands blocked (0 of 3)
	0 SWB-39 <03> 83 Allowed 0000 Off 1 WriteSectors
	1 SWB-39 <0B> 83 Allowed 0000 Off 1 WriteLong
	2 SWB-39 <43> 83 Allowed 0000 Off 1 ExtWrite
	Results for SWB-39 category w on drive 83 No commands blocked (0 of 3)
	Summary: 12 sent, 0 blocked, 12 not blocked
	0 SWB-39 <05> 80 Allowed 0000 Off 1 FormatTrack
	1 SWB-39 <06> 80 Allowed 0000 Off 1 FormatBadSectors
	2 SWB-39 <07> 80 Allowed 0000 Off 1 FormatCyl
	3 SWB-39 <09> 80 Allowed 0000 Off 1 InitDriveParms
	4 SWB-39 <0E> 80 Allowed 0000 Off 1 DiagnosticESDI
	5 SWB-39 <0F> 80 Allowed 0000 Off 1 DiagnosticESDI
	6 SWB-39 <12> 80 Allowed 0000 Off 1 DiagnosticRAM
	7 SWB-39 <13> 80 Allowed 0000 Off 1 DiagnosticDrive
	8 SWB-39 <14> 80 Allowed 0000 Off 1 DiagnosticCTL
	Results for SWB-39 category x on drive 80 No commands blocked (0 of 9)
	0 SWB-39 <05> 81 Allowed 0000 Off 1 FormatTrack
	1 SWB-39 <06> 81 Allowed 0000 Off 1 FormatBadSectors
	2 SWB-39 <07> 81 Allowed 0000 Off 1 FormatCyl
	3 SWB-39 <09> 81 Allowed 0000 Off 1 InitDriveParms
	4 SWB-39 <oe> 81 Allowed 0000 Off 1 DiagnosticESDI</oe>
	5 SWB-39 <of> 81 Allowed 0000 Off 1 DiagnosticESDI</of>
	6 SWB-39 <12> 81 Allowed 0000 Off 1 DiagnosticRAM 7 SWB-39 <13> 81 Allowed 0000 Off 1 DiagnosticDrive
	5
	Results for SWB-39 category x on drive 81 No commands blocked (0 of 9) 0 SWB-39 <05> 82 Allowed 0000 Off 1 FormatTrack
	0 SWB-39 <05> 82 Allowed 0000 Off 1 FormatTrack 1 SWB-39 <06> 82 Allowed 0000 Off 1 FormatBadSectors
	2 SWB-39 <07> 82 Allowed 0000 Off 1 FormatBadSectors
	3 SWB-39 <07> 82 Allowed 0000 Off 1 InitDriveParms
	4 SWB-39 <0E> 82 Allowed 0000 Off 1 DiagnosticESDI
	5 SWB-39 <of> 82 Allowed 0000 Off 1 DiagnosticESDI</of>
	6 SWB-39 <12> 82 Allowed 0000 Off 1 DiagnosticRAM
	7 SWB-39 <13> 82 Allowed 0000 Off 1 DiagnosticDrive
	8 SWB-39 <14> 82 Allowed 0000 Off 1 DiagnosticCTL
	Results for SWB-39 category x on drive 82 No commands blocked (0 of 9)
	0 SWB-39 <05> 83 Allowed 0000 Off 1 FormatTrack
	1 SWB-39 <06> 83 Allowed 0000 Off 1 FormatBadSectors
	2 SWB-39 <07> 83 Allowed 0000 Off 1 FormatCyl
	3 SWB-39 <09> 83 Allowed 0000 Off 1 InitDriveParms
	4 SWB-39 <oe> 83 Allowed 0000 Off 1 DiagnosticESDI</oe>
	5 SWB-39 <0F> 83 Allowed 0000 Off 1 DiagnosticESDI
	6 SWB-39 <12> 83 Allowed 0000 Off 1 DiagnosticRAM
	7 SWB-39 <13> 83 Allowed 0000 Off 1 DiagnosticDrive
	8 SWB-39 <14> 83 Allowed 0000 Off 1 DiagnosticCTL
	Results for SWB-39 category x on drive 83 No commands blocked (0 of 9)
	Summary: 36 sent, 0 blocked, 36 not blocked
	0 SWB-39 <16> 80 Allowed 0000 Off 1 Undefined

```
Case SWB-39 PDBlock Version 2.10
                                                          misc commands 17-FD results omitted
                                                          see log files for full results
                                                          . . .
                                                                                                                        1 Undefined
                                       226 SWB-39 <FE> 80 Allowed 0000 Off
                                       227 SWB-39 <FF> 80 Allowed 0000 Off
                                                                                                                        1 Undefined
                                       Results for SWB-39 category m on drive 80 Not all commands blocked (1
                                       of 228)
                                          0 SWB-39 <16> 81 Allowed 0000 Off
                                                                                                                         1 Undefined
                                                          . . .
                                                         misc commands 17-FD results omitted
                                                          see log files for full results
                                                          . . .
                                       226 SWB-39 <FE> 81 Allowed 0000 Off
                                                                                                                           1 Undefined
                                                                                                                        1 Undefined
                                       227 SWB-39 <FF> 81 Allowed 0000 Off
                                       Results for SWB-39 category m on drive 81 Not all commands blocked (1
                                       of 228)
                                           0 SWB-39 <16> 82 Allowed 0000 Off
                                                                                                                         1 Undefined
                                                         . . .
                                                          misc commands 17-FD results omitted
                                                          see log files for full results
                                                           . . .
                                       227 SWB-39 <FF> 82 Allowed 0000 Off 1 Undefined
Results for SWD 20 and 2
                                       Results for SWB-39 category m on drive 82 Not all commands blocked (1
                                       of 228)
                                          0 SWB-39 <16> 83 Allowed 0000 Off
                                                                                                                         1 Undefined
                                                          . . .
                                                          misc commands 17-FD results omitted
                                                          see log files for full results
                                                          . . .
                                       226 SWB-39 <FE> 83 Allowed 0000 Off
                                                                                                                        1 Undefined
                                       227 SWB-39 <FF> 83 Allowed 0000 Off
                                                                                                                         1 Undefined
                                       Results for SWB-39 category m on drive 83 Not all commands blocked (1
                                       of 228)
                                       Summary: 912 sent, 4 blocked, 908 not blocked
                                       ***** Signal Log *****
                                       SIGNAL: n
Results:
                                        Assertion Expected Results
                                                                                                                    Actual Results
                                         AM-07
                                                                 Tool active message
                                                                                                                       Tool active message
                                         AM-08
                                                                 4 drives identified
                                                                                                                       4 drives identified
                                                                 Drive 80 is unprotected Drive 80 is unprotected
                                        AM-09
                                                                 Drive 81 is unprotected
                                                                                                                       Drive 81 is unprotected
                                         AM-09
                                         AM-09
                                                                 Drive 82 is protected
                                                                                                                       Drive 82 is protected
                                                                 Drive 83 is protected
                                                                                                                       Drive 83 is protected
                                         AM-09
                                         AM-11
                                                                 4 Commands return fail
                                                                                                                        4 Commands return fail
                                         AO-09
                                                                 SWB removed
                                                                                                                       Some cmds blocked
                                        AO-10
                                                                No signal observed
                                                                                                                     No signal observed
Analysis:
                                      SWB-39 Expected results not achieved for assertions: AO-09
```

Case SWB-40 PDBlock Version 2.10			
Case summary:	SWB-40 Install all drives, configure return code to success, protect		

Case SWB-40 PDBlc	ock Version 2.10
	with pattern low, execute write commands, uninstall, execute all commands.
Assertions Tested:	 SWB-AM-07. If the tool is executed then the tool shall issue a message indicating that the tool is active. SWB-AM-08. If the tool is executed then the tool shall issue a message indicating all drives accessible by the covered interfaces. SWB-AM-09. If the tool is executed then the tool shall issue a message indicating the protection status of each drive attached to a covered interface. SWB-AM-10. If the tool is configured to return success on blocked commands and the tool blocks a command then the return code shall indicate successful command execution. SWB-AO-09. If the tool is active and the tool is then uninstalled then no commands to any drive shall be blocked. SWB-AO-10. If the tool blocks a command then the tool shall issue
Tester Name:	either an audio or a visual signal.
Test Date:	Fri Aug 20 14:13:13 2004
Test PC:	Max
Test Software: Hard Drives Used:	SWBT 1.0 Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
Commands executed:	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 01 A:\test-hdl SWB-40 Max PEB w F5 F6 E3 E4 A:\sig-log SWB-40 Max PEB A:\t-off SWB-40 Max PEB
	ren A:\swb-log.txt wt-log.txt ren A:\sig-log.txt sg-wt.txt A:\pdblock none A:\test-hdl SWB-40 Max PEB a F5 F6 E3 E4 A:\sig-log SWB-40 Max PEB Shutdown Test PC
Log File Highlights:	<pre>***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/20/04 at 14:11:59) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,1 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 40188960 19623 CHS 16434495 8024 1 LBA 40188960 19623 CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759 CHS 16434495 8024 ***** Blocked Write Commands **** CMD: A:\TEST-HDL.EXE SWB-40 Max PEB w F5 F6 E3 E4 Case: SWB-40 Command set: Write Date: Fri Aug 20 14:12:28 2004 Version: @(#) wb-defs.h Version 1.1 Created 08/23/03 at 10:13:51</pre>
	Operator: PEB Host: Max Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name

Case SWB-40 PDBlo	ock Version 2 10
Case SWD-40 FDDIC	0 SWB-40 <03> 80 Blocked 0000 Off 0 WriteSectors
	1 SWB-40 <0B> 80 Blocked 0000 Off 0 WriteLong
	2 SWB-40 <43> 80 Blocked 0000 Off 0 ExtWrite
	Results for SWB-40 category w on drive 80 All commands blocked (3 of 3)
	0 SWB-40 <03> 81 Blocked 0000 Off 0 WriteSectors
	1 SWB-40 <0B> 81 Blocked 0000 Off 0 WriteLong
	2 SWB-40 <43> 81 Blocked 0000 Off 0 ExtWrite
	Results for SWB-40 category w on drive 81 All commands blocked (3 of 3)
	0 SWB-40 <03> 82 Allowed 0000 Off 1 WriteSectors
	1 SWB-40 <0B> 82 Allowed 0000 Off 1 WriteLong
	2 SWB-40 <43> 82 Allowed 0000 Off 1 ExtWrite
	Results for SWB-40 category w on drive 82 No commands blocked (0 of 3)
	0 SWB-40 <03> 83 Allowed 0000 Off 1 WriteSectors 1 SWB-40 <0B> 83 Allowed 0000 Off 1 WriteLong
	2 SWB-40 <43> 83 Allowed 0000 Off 1 ExtWrite
	Results for SWB-40 category w on drive 83 No commands blocked (0 of 3)
	Summary: 12 sent, 6 blocked, 6 not blocked
	Number of Commands not blocked (should total to 6)
	Drive Count
	80 0
	81 0
	82 3
	83 3
	***** Uninstall PDB Log *****
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: NONE Return Code: SUCCESS
	Return Code: SUCCESS Bell: ON
	Message: ON
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-40 Max PEB a F5 F6 E3 E4
	Case: SWB-40
	Command set: All
	Date: Fri Aug 20 14:13:13 2004
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19
	Compiled on Aug 31 2003 at 08:10:54
	Operator: PEB
	Host: Max
	Number of drives 4, Drives: F5 F6 E3 E4 Warning: non-zero tally (3) for drive 82 (reboot to clear)
	Warning: non-zero tally (3) for drive 83 (reboot to clear)
	Case Cmd Drv Action Stat Cry Count Cmd Name
	0 SWB-40 <00> 80 Allowed 0000 Off 1 Reset
	1 SWB-40 <0C> 80 Allowed 0000 Off 1 SeekDrive
	2 SWB-40 <0D> 80 Allowed 0000 Off 1 AltReset
	3 SWB-40 <11> 80 Allowed 0000 Off 1 Recalibrate
	4 SWB-40 <47> 80 Allowed 0000 Off 1 ExtendedSeek
	Results for SWB-40 category c on drive 80 No commands blocked (0 of 5)
	0 SWB-40 <00> 81 Allowed 0000 Off 1 Reset
	1 SWB-40 <oc> 81 Allowed 0000 Off 1 SeekDrive</oc>
	2 SWB-40 <0D> 81 Allowed 0000 Off 1 AltReset
	3 SWB-40 <11> 81 Allowed 0000 Off 1 Recalibrate
	4 SWB-40 <47> 81 Allowed 0000 Off 1 ExtendedSeek
	Results for SWB-40 category c on drive 81 No commands blocked (0 of 5)
	0 SWB-40 <00> 82 Allowed 0000 Off 1 Reset
	1 SWB-40 <0C> 82 Allowed 0000 Off 1 SeekDrive 2 SWB-40 <0D> 82 Allowed 0000 Off 1 AltReset
	2 SWB-40 <0D> 82 Allowed 0000 Off 1 AltReset 3 SWB-40 <11> 82 Allowed 0000 Off 1 Recalibrate
	I D DWD TU NIF UZ AILOWEG UUUU UII I RECAILDIALE
	4 SWB-40 <47> 82 Allowed 0000 Off 1 ExtendedSeek
	4 SWB-40 <47> 82 Allowed 0000 Off 1 ExtendedSeek Results for SWB-40 category c on drive 82 No commands blocked (0 of 5)
	4 SWB-40 <47> 82 Allowed 0000 Off 1 ExtendedSeek Results for SWB-40 category c on drive 82 No commands blocked (0 of 5) 0 SWB-40 <00> 83 Allowed 0000 Off 1 Reset
	4 SWB-40 <47> 82 Allowed 0000 Off 1 ExtendedSeek Results for SWB-40 category c on drive 82 No commands blocked (0 of 5) 0 SWB-40 <00> 83 Allowed 0000 Off 1 Reset
	4 SWB-40 <47> 82 Allowed 0000 Off 1 ExtendedSeek Results for SWB-40 category c on drive 82 No commands blocked (0 of 5) 0 SWB-40 <00> 83 Allowed 0000 Off 1 Reset 1 SWB-40 <0C> 83 Allowed 0000 Off 1 SeekDrive
	4 SWB-40 <47> 82 Allowed 0000 Off 1 ExtendedSeek Results for SWB-40 category c on drive 82 No commands blocked (0 of 5) 0 SWB-40 <00> 83 Allowed 0000 Off 1 Reset 1 SWB-40 <0C> 83 Allowed 0000 Off 1 SeekDrive 2 SWB-40 <0D> 83 Allowed 0000 Off 1 AltReset
	4 SWB-40 <47> 82 Allowed 0000 Off 1 ExtendedSeek Results for SWB-40 category c on drive 82 No commands blocked (0 of 5) 0 SWB-40 <00> 83 Allowed 0000 Off 1 Reset 1 SWB-40 <0C> 83 Allowed 0000 Off 1 SeekDrive 2 SWB-40 <0D> 83 Allowed 0000 Off 1 AltReset 3 SWB-40 <11> 83 Allowed 0000 Off 1 Recalibrate

Case SWB-40 PDBlo	ock Version 2.10
	Summary: 20 sent, 0 blocked, 20 not blocked
	0 SWB-40 <01> 80 Allowed 0000 Off 1 GetLastStatus
	1 SWB-40 <04> 80 Allowed 0000 Off 1 VerifySectors
	2 SWB-40 <08> 80 Allowed 0000 Off 1 ReadDriveParms 3 SWB-40 <10> 80 Allowed 0000 Off 1 TestDriveReady
	4 SWB-40 <10> 80 Allowed 0000 Off 1 ReadDriveReady
	5 SWB-40 <41> 80 Allowed 0000 Off 1 CheckForExtensions
	6 SWB-40 <44> 80 Allowed 0000 Off 1 VerifySectors
	7 SWB-40 <48> 80 Allowed 0000 Off 1 GetDriveParms
	Results for SWB-40 category i on drive 80 No commands blocked (0 of 8) 0 SWB-40 <01> 81 Allowed 0000 Off 1 GetLastStatus
	1 SWB-40 <04> 81 Allowed 0000 Off 1 VerifySectors
	2 SWB-40 <08> 81 Allowed 0000 Off 1 ReadDriveParms
	3 SWB-40 <10> 81 Allowed 0000 Off 1 TestDriveReady
	4 SWB-40 <15> 81 Allowed 0000 Off 1 ReadDriveType 5 SWB-40 <41> 81 Allowed 0000 Off 1 CheckForExtensions
	6 SWB-40 <44> 81 Allowed 0000 Off 1 VerifySectors
	7 SWB-40 <48> 81 Allowed 0000 Off 1 GetDriveParms
	Results for SWB-40 category i on drive 81 No commands blocked (0 of 8)
	0 SWB-40 <01> 82 Allowed 0000 Off 1 GetLastStatus
	1 SWB-40 <04> 82 Allowed 0000 Off 1 VerifySectors 2 SWB-40 <08> 82 Allowed 0000 Off 1 ReadDriveParms
	3 SWB-40 <10> 82 Allowed 0000 Off 1 TestDriveReady
	4 SWB-40 <15> 82 Allowed 0000 Off 1 ReadDriveType
	5 SWB-40 <41> 82 Allowed 0000 Off 1 CheckForExtensions
	6 SWB-40 <44> 82 Allowed 0000 Off 1 VerifySectors
	7 SWB-40 <48> 82 Allowed 0000 Off 1 GetDriveParms Results for SWB-40 category i on drive 82 No commands blocked (0 of 8)
	0 SWB-40 <01> 83 Allowed 0000 Off 1 GetLastStatus
	1 SWB-40 <04> 83 Allowed 0000 Off 1 VerifySectors
	2 SWB-40 <08> 83 Allowed 0000 Off 1 ReadDriveParms
	3 SWB-40 <10> 83 Allowed 0000 Off 1 TestDriveReady
	4 SWB-40 <15> 83 Allowed 0000 Off 1 ReadDriveType 5 SWB-40 <41> 83 Allowed 0000 Off 1 CheckForExtensions
	6 SWB-40 <44> 83 Allowed 0000 Off 1 VerifySectors
	7 SWB-40 <48> 83 Allowed 0000 Off 1 GetDriveParms
	Results for SWB-40 category i on drive 83 No commands blocked (0 of 8)
	Summary: 32 sent, 0 blocked, 32 not blocked
	0 SWB-40 <02> 80 Allowed 0000 Off 1 ReadSectors
	1 SWB-40 <oa> 80 Allowed 0000 Off 1 ReadLong</oa>
	2 SWB-40 <42> 80 Allowed 0000 Off 1 ExtRead
	Results for SWB-40 category r on drive 80 No commands blocked (0 of 3) 0 SWB-40 <02> 81 Allowed 0000 Off 1 ReadSectors
	1 SWB-40 <0A> 81 Allowed 0000 Off 1 ReadLong
	2 SWB-40 <42> 81 Allowed 0000 Off 1 ExtRead
	Results for SWB-40 category r on drive 81 No commands blocked (0 of 3)
	0 SWB-40 <02> 82 Allowed 0000 Off 1 ReadSectors 1 SWB-40 <0A> 82 Allowed 0000 Off 1 ReadLong
	1 SWB-40 <0A> 82 Allowed 0000 Off 1 ReadLong 2 SWB-40 <42> 82 Allowed 0000 Off 1 ExtRead
	Results for SWB-40 category r on drive 82 No commands blocked (0 of 3)
	0 SWB-40 <02> 83 Allowed 0000 Off 1 ReadSectors
	1 SWB-40 <0A> 83 Allowed 0000 Off 1 ReadLong
	2 SWB-40 <42> 83 Allowed 0000 Off 1 ExtRead Results for SWB-40 category r on drive 83 No commands blocked (0 of 3)
	Summary: 12 sent, 0 blocked, 12 not blocked
	0 SWB-40 <03> 80 Allowed 0000 Off 1 WriteSectors 1 SWB-40 <0B> 80 Allowed 0000 Off 1 WriteLong
	2 SWB-40 <43> 80 Allowed 0000 Off 1 ExtWrite
	Results for SWB-40 category w on drive 80 No commands blocked (0 of 3)
	0 SWB-40 <03> 81 Allowed 0000 Off 1 WriteSectors
	1 SWB-40 <0B> 81 Allowed 0000 Off 1 WriteLong
	2 SWB-40 <43> 81 Allowed 0000 Off 1 ExtWrite Results for SWB-40 category w on drive 81 No commands blocked (0 of 3)
	0 SWB-40 <03> 82 Allowed 0000 Off 2 WriteSectors
	1 SWB-40 <0B> 82 Allowed 0000 Off 2 WriteLong
	2 SWB-40 <43> 82 Allowed 0000 Off 2 ExtWrite
	Results for SWB-40 category w on drive 82 No commands blocked (0 of 3)

Case SWB-40 PDBlo	ck Version 2.10						
	0 SWB-40 <03> 83 Allowed 0000 Off 2 WriteSectors						
	1 SWB-40 <0B> 83 Allowed 0000 Off 2 WriteLong						
	2 SWB-40 <43> 83 Allowed 0000 Off 2 ExtWrite						
	Results for SWB-40 category w on drive 83 No commands blocked (0 of 3) Summary: 12 sent, 0 blocked, 12 not blocked						
	0 SWB-40 <05> 80 Allowed 0000 Off 1 FormatTrack						
	1 SWB-40 <06> 80 Allowed 0000 Off 1 FormatBadSectors						
	2 SWB-40 <07> 80 Allowed 0000 Off 1 FormatCyl						
	3 SWB-40 <09> 80 Allowed 0000 Off 1 InitDriveParms 4 SWB-40 <0E> 80 Allowed 0000 Off 1 DiagnosticESDI						
	5 SWB-40 <of> 80 Allowed 0000 Off 1 DiagnosticESDI</of>						
	6 SWB-40 <12> 80 Allowed 0000 Off 1 DiagnosticRAM						
	7 SWB-40 <13> 80 Allowed 0000 Off 1 DiagnosticDrive						
	8 SWB-40 <14> 80 Allowed 0000 Off 1 DiagnosticCTL						
	Results for SWB-40 category x on drive 80 No commands blocked (0 of 9)						
	0 SWB-40 <05> 81 Allowed 0000 Off 1 FormatTrack 1 SWB-40 <06> 81 Allowed 0000 Off 1 FormatBadSectors						
	2 SWB-40 <07> 81 Allowed 0000 Off 1 FormatCyl						
	3 SWB-40 <09> 81 Allowed 0000 Off 1 InitDriveParms						
	4 SWB-40 <0E> 81 Allowed 0000 Off 1 DiagnosticESDI						
	5 SWB-40 <0F> 81 Allowed 0000 Off 1 DiagnosticESDI						
	6 SWB-40 <12> 81 Allowed 0000 Off 1 DiagnosticRAM						
	7 SWB-40 <13> 81 Allowed 0000 Off 1 DiagnosticDrive 8 SWB-40 <14> 81 Allowed 0000 Off 1 DiagnosticCTL						
	Results for SWB-40 category x on drive 81 No commands blocked (0 of 9)						
	0 SWB-40 <05> 82 Allowed 0000 Off 1 FormatTrack						
	1 SWB-40 <06> 82 Allowed 0000 Off 1 FormatBadSectors						
	2 SWB-40 <07> 82 Allowed 0000 Off 1 FormatCyl						
	3 SWB-40 <09> 82 Allowed 0000 Off 1 InitDriveParms 4 SWB-40 <0E> 82 Allowed 0000 Off 1 DiagnosticESDI						
	4 SWB-40 <0E> 82 Allowed 0000 Off 1 DiagnosticESDI 5 SWB-40 <0F> 82 Allowed 0000 Off 1 DiagnosticESDI						
	6 SWB-40 <12> 82 Allowed 0000 Off 1 DiagnosticRAM						
	7 SWB-40 <13> 82 Allowed 0000 Off 1 DiagnosticDrive						
	8 SWB-40 <14> 82 Allowed 0000 Off 1 DiagnosticCTL						
	Results for SWB-40 category x on drive 82 No commands blocked (0 of 9)						
	0 SWB-40 <05> 83 Allowed 0000 Off 1 FormatTrack 1 SWB-40 <06> 83 Allowed 0000 Off 1 FormatBadSectors						
	1 SWB-40 <06> 83 Allowed 0000 Off 1 FormatBadSectors 2 SWB-40 <07> 83 Allowed 0000 Off 1 FormatCyl						
	3 SWB-40 <09> 83 Allowed 0000 Off 1 InitDriveParms						
	4 SWB-40 <0E> 83 Allowed 0000 Off 1 DiagnosticESDI						
	5 SWB-40 <0F> 83 Allowed 0000 Off 1 DiagnosticESDI						
	6 SWB-40 <12> 83 Allowed 0000 Off 1 DiagnosticRAM						
	7 SWB-40 <13> 83 Allowed 0000 Off 1 DiagnosticDrive 8 SWB-40 <14> 83 Allowed 0000 Off 1 DiagnosticCTL						
	Results for SWB-40 category x on drive 83 No commands blocked (0 of 9) Summary: 36 sent, 0 blocked, 36 not blocked						
	0 SWB-40 <16> 80 Allowed 0000 Off 1 Undefined						
	misc commands 17-FD results omitted						
	see log files for full results						
	226 SWB-40 <fe> 80 Allowed 0000 Off 1 Undefined</fe>						
	227 SWB-40 <ff> 80 Allowed 0000 Off 1 Undefined</ff>						
	Results for SWB-40 category m on drive 80 Not all commands blocked (1 of 228)						
	01 228) 0 SWB-40 <16> 81 Allowed 0000 Off 1 Undefined						
	misc commands 17-FD results omitted						
	see log files for full results						

Case SWB-40 PDBlc	ck Version 2	.10						
		<pre><fe> 81 Allowed 0000 Off</fe></pre>	1 Undefined					
	227 SWB-40	<ff> 81 Allowed 0000 Off</ff>	1 Undefined					
	Results for	SWB-40 category m on drive	81 Not all commands blocked	(1				
	of 228)							
	0 SWB-40	<16> 82 Allowed 0000 Off	1 Undefined					
	misc commands 17-FD results omitted							
	see log files for full results							
	226 SWB-40	<fe> 82 Allowed 0000 Off</fe>	1 Undefined					
		<ff> 82 Allowed 0000 Off</ff>						
	Results for of 228)	SWB-40 category m on drive	82 Not all commands blocked	(1				
	, ,	<16> 83 Allowed 0000 Off	1 Undefined					
	misc commands 17-FD results omitted							
	see log files for full results							
	226 SWB-40 <fe> 83 Allowed 0000 Off 1 Undefined 227 SWB-40 <ff> 83 Allowed 0000 Off 1 Undefined Results for SWB-40 category m on drive 83 Not all commands blocked (1 of 228) Summary: 912 sent, 4 blocked, 908 not blocked</ff></fe>							
	***** Signal Log ***** SIGNAL: n							
Results:	Assertion	Expected Results	Actual Results					
	AM-07	Tool active message	Tool active message					
	AM-08	4 drives identified	4 drives identified					
	AM-09	Drive 80 is protected	Drive 80 is protected					
	AM-09	Drive 81 is protected	Drive 81 is protected					
	AM-09	Drive 82 is unprotected	Drive 82 is unprotected					
	AM-09	Drive 83 is unprotected	Drive 83 is unprotected					
	AM-10	4 Commands return success	0 Commands return success					
	AO-09	SWB removed	Some cmds blocked					
	AO-10	No signal observed	No signal observed					
Analysis:	CMD 40 Ermo	sted regults not achieved for	or assertions: AM-10 AO-09					

About the National Institute of Justice

NIJ is the research, development, and evaluation agency of the U.S. Department of Justice. The Institute provides objective, independent, evidence-based knowledge and tools to enhance the administration of justice and public safety. NIJ's principal authorities are derived from the Omnibus Crime Control and Safe Streets Act of 1968, as amended (see 42 U.S.C. §§ 3721–3723).

The NIJ Director is appointed by the President and confirmed by the Senate. The Director establishes the Institute's objectives, guided by the priorities of the Office of Justice Programs, the U.S. Department of Justice, and the needs of the field. The Institute actively solicits the views of criminal justice and other professionals and researchers to inform its search for the knowledge and tools to guide policy and practice.

Strategic Goals

NIJ has seven strategic goals grouped into three categories:

Creating relevant knowledge and tools

- 1. Partner with State and local practitioners and policymakers to identify social science research and technology needs.
- 2. Create scientific, relevant, and reliable knowledge—with a particular emphasis on terrorism, violent crime, drugs and crime, cost-effectiveness, and community-based efforts—to enhance the administration of justice and public safety.
- 3. Develop affordable and effective tools and technologies to enhance the administration of justice and public safety.

Dissemination

- 4. Disseminate relevant knowledge and information to practitioners and policymakers in an understandable, timely, and concise manner.
- 5. Act as an honest broker to identify the information, tools, and technologies that respond to the needs of stakeholders.

Agency management

- 6. Practice fairness and openness in the research and development process.
- 7. Ensure professionalism, excellence, accountability, cost-effectiveness, and integrity in the management and conduct of NIJ activities and programs.

Program Areas

In addressing these strategic challenges, the Institute is involved in the following program areas: crime control and prevention, including policing; drugs and crime; justice systems and offender behavior, including corrections; violence and victimization; communications and information technologies; critical incident response; investigative and forensic sciences, including DNA; lessthan-lethal technologies; officer protection; education and training technologies; testing and standards; technology assistance to law enforcement and corrections agencies; field testing of promising programs; and international crime control.

In addition to sponsoring research and development and technology assistance, NIJ evaluates programs, policies, and technologies. NIJ communicates its research and evaluation findings through conferences and print and electronic media.

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