

December 2020

Test Results for Hardware Write Block Device:
CRU USB 3.0 WriteBlocker

Federated Testing: CRU WriteBlocking Validation Utility v2.0.1.0

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Introduction

The Computer Forensics Tool Testing (CFTT) program is a joint project of the Department of Homeland Security (DHS) Science and Technology Directorate (S&T), the National Institute of Justice (NIJ), and the National Institute of Standards and Technology (NIST) Special Programs Office and Information Technology Laboratory (ITL). CFTT is supported by other organizations, including the Federal Bureau of Investigation, the U.S. Department of Defense Cyber Crime Center, and U.S. Internal Revenue Service Criminal Investigation Division Electronic Crimes Program, as well as the DHS Bureau of Immigration and Customs Enforcement, U.S. Customs and Border Protection, and U.S. Secret Service. The objective of the CFTT program 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 CFTT approach to testing computer forensics tools is based on well-recognized methodologies for conformance and quality testing. Interested parties in the computer forensics community can review and comment on the specifications and test methods posted on the CFTT website (<https://www.cftt.nist.gov/>).

This document reports the results from testing the hardware write blocking function of the CRU USB 3.0 WriteBlocker using the CRU WriteBlocking Validation Utility, Version 2.0.2.1. The CRU WriteBlocking Validation Utility uses the same test method as the CFTT Federated Testing Test Suite for Hardware Write Blocking.

Federated Testing is an expansion of the CFTT program to provide forensic investigators and labs with test materials for tool testing and to support shared test reports. The goal of Federated Testing is to help forensic investigators to test the tools that they use in their labs and to enable sharing of tool test results. CFTT's Federated Testing Forensic Tool Testing Environment and included test suites can be downloaded from <https://www.cftt.nist.gov/federated-testing.html> and used to test forensic tools. The results can be optionally shared with CFTT, reviewed by CFTT staff, and then shared with the community.

Test results from this and other tools can be found on DHS's computer forensics web page, <https://www.dhs.gov/science-and-technology/nist-cftt-reports>.

Federated Testing Test Results for Hardware Write Block Device: CRU USB 3.0 WriteBlocker

1. Test Information

Organization/Tester Name	Raytheon Technologies - James Gillman
Operating System	Windows 10 Enterprise (6.2.9200.2)
CRU WriteBlocking Validation Utility	2.0.2.1
Notes	Ran using WiebeTech WriteBlock Validation Utility on HP Z Book G3

2. Write Blocker Information

Name	USB 3.0 WriteBlocker
Manufacturer	CRU
Serial Number	304308901
Firmware	N/A

3. Drive Information

Name	Fortress (G:) (3.64 TB)
Manufacturer	WDC
Model	WDS400T2B0A-00SM50
Serial Number	20074F800338
Firmware Revision	411040WD
Interface	USB
Drive Type	External HDD (Other)

4. Summary

PASS	No sectors on the drive were modified during the test.
-------------	--

4.1. Results

Unmodified Sectors	19
Modified Sectors	0
Commands Not Supported	16
Commands Not Enabled	0
Incomplete Commands	0
Errors	0
Skipped	20

Table 1: Results 1

Unmodified Sectors	32
Modified Sectors	0
Commands Not Supported	23
Commands Not Enabled	0
Incomplete Commands	0
Errors	0
Skipped	0

Table 2: Results 2

4.2. Options

Force commands	False
Test sectors above 2.2 TB (+)	False
Pause after each command	False
Prepare for NIST Federated Testing	True

5. Log – Results 1

The following data is for **Results 1** as defined in Table 1 section 4.1 above.

2020-07-30 11:13:24 PM | Starting test...

WRITE DMA EXT*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE DMA EXT*+	SECTOR UNMODIFIED	No changes to sector detected.
WRITE DMA FUA EXT*	NOT SUPPORTED	Command not supported on the drive.
WRITE DMA FUA EXT*+	NOT SUPPORTED	Command not supported on the drive.
WRITE FPDMA QUEUED	SKIPPED BY USER	Command skipped per user defined setting
S.		
WRITE DMA QUEUED FUA EXT*	NOT SUPPORTED	Command not supported on the drive.

WRITE DMA QUEUED FUA EXT*+	NOT SUPPORTED	Command not supported on the drive.
[SCSI] WRITE (10)*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE DMA*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE DMA QUEUED*	NOT SUPPORTED	Command not supported on the drive.
WRITE DMA QUEUED EXT*	NOT SUPPORTED	Command not supported on the drive.
WRITE DMA QUEUED EXT*+	NOT SUPPORTED	Command not supported on the drive.
[SCSI] WRITE (16)*	SECTOR UNMODIFIED	No changes to sector detected.
[SCSI] WRITE (16)*+	SECTOR UNMODIFIED	No changes to sector detected.
WRITE SECTOR(S)*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE SECTOR(S) EXT*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE SECTOR(S) EXT*+	SECTOR UNMODIFIED	No changes to sector detected.
WRITE MULTIPLE*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE MULTIPLE EXT*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE MULTIPLE EXT*+	SECTOR UNMODIFIED	No changes to sector detected.
WRITE VERIFY*	NOT SUPPORTED	Command not supported on the drive.
WRITE SECTOR(S) w/o retries*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE MULTIPLE FUA EXT*	NOT SUPPORTED	Command not supported on the drive.
WRITE MULTIPLE FUA EXT*+	NOT SUPPORTED	Command not supported on the drive.
WRITE DMA w/o retries*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE LOG EXT	SKIPPED BY USER	Command skipped per user defined setting
S.		
WRITE LOG DMA EXT	SKIPPED BY USER	Command skipped per user defined setting
S.		
CFA WRITE MULTIPLE WITHOUT ERASE*	NOT SUPPORTED	Command not supported on the drive.
CFA WRITE SECTORS WITHOUT ERASE*	NOT SUPPORTED	Command not supported on the drive.
CFA ERASE SECTORS	SKIPPED BY USER	Command skipped per user defined setting
S.		
WRITE STREAM DMA EXT*	NOT SUPPORTED	Command not supported on the drive.
WRITE STREAM DMA EXT*+	NOT SUPPORTED	Command not supported on the drive.
WRITE STREAM EXT	SKIPPED BY USER	Command skipped per user defined setting
S.		
WRITE STREAM EXT+	SKIPPED BY USER	Command skipped per user defined setting
S.		
[SCSI] WRITE (6)*	SECTOR UNMODIFIED	No changes to sector detected.
[SCSI] WRITE (12)*	SECTOR UNMODIFIED	No changes to sector detected.
[SCSI] WRITE (32)*	NOT SUPPORTED	Drive does not support extended SCSI request blocks.
[SCSI] WRITE (32)*+	NOT SUPPORTED	Drive does not support extended SCSI request blocks.
[SCSI] WRITE AND VERIFY (10)	SKIPPED BY USER	Command skipped per user defined setting
S.		
[SCSI] WRITE AND VERIFY (12)	SKIPPED BY USER	Command skipped per user defined setting
S.		
[SCSI] WRITE AND VERIFY (16)	SKIPPED BY USER	Command skipped per user defined setting
S.		
[SCSI] WRITE AND VERIFY (16)+	SKIPPED BY USER	Command skipped per user defined setting
S.		
[SCSI] WRITE AND VERIFY (32)	SKIPPED BY USER	Command skipped per user defined setting
S.		
[SCSI] WRITE AND VERIFY (32)+	SKIPPED BY USER	Command skipped per user defined setting
S.		
[SCSI] WRITE LONG (10)	SKIPPED BY USER	Command skipped per user defined setting
S.		
[SCSI] WRITE LONG (16)	SKIPPED BY USER	Command skipped per user defined setting
S.		
[SCSI] WRITE LONG (16)+	SKIPPED BY USER	Command skipped per user defined setting
S.		
[SCSI] WRITE SAME (10)	SKIPPED BY USER	Command skipped per user defined setting
S.		
[SCSI] WRITE SAME (16)	SKIPPED BY USER	Command skipped per user defined setting
S.		

```

[SCSI] WRITE SAME (16)+          SKIPPED BY USER    Command skipped per user defined setting
S.
[SCSI] WRITE SAME (32)          SKIPPED BY USER    Command skipped per user defined setting
S.
[SCSI] WRITE SAME (32)+        SKIPPED BY USER    Command skipped per user defined setting
S.
WRITE LONG w/ retries*         SECTOR UNMODIFIED  No changes to sector detected (write uns
successful).
WRITE LONG w/o retries*        SECTOR UNMODIFIED  No changes to sector detected (write uns
successful).
WRITE UNCORRECTABLE EXT*       SECTOR UNMODIFIED  No changes to sector detected.
2020-07-30 11:13:31 PM | Test complete.

```

Test Result - **PASS**. No sectors on the drive were modified during the test.
Results saved to the following location:
"C:\Program Files (x86)\CRU\WriteBlocking Validation Utility\Test
Results\WriteBlockTest_2020_07_30_23_13_22.html".

Error Code Key

No errors detected.

6. Details – Results1

The following data is for Results1 as defined in section 4.1 above.

```

Date/time: 2020-07-30 11:13:24 PM
Command: WRITE DMA EXT*
      85 0D 06 00 00 00 01 00 00 00 CA 00 00 50 35 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

```

Disk sector state before write:

```
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00
```

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..

```

```

42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w...-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Generated output buffer to write:

```
WRITE DMA EXT* | 85 0D 06 00 00 00 01 00 00 00 CA 00 00 50 35 00
```

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 35 31 37 31 32 |           51712
20 20 20 20 20 20 20 20 20 20 30 78 43 41 30 30 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           WRITE DMA EXT
20 20 20 57 52 49 54 45 20 44 4D 41 20 45 58 54 | Date-time:
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 |           Thu Jul 30 2020
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |           23:13:24.461
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |           Random Data
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 | -----
E5 0D B4 C8 98 B8 4B 92 6D F3 5A 41 64 C9 F4 45 | .....K.m.ZAd..E
6A DF 14 AD 9C 4F 64 5B 69 C9 16 95 B9 2D 09 14 | j....Od[i.....-..
0B 43 D2 90 1D D3 52 7E 8C D4 73 6A 8D D6 48 AE | .C....R~.s.j..H.
25 66 12 EC 79 25 72 0A 36 B7 4A A3 8A CB 12 98 | %f..y%r.6.J.....
C1 EB 1E C1 08 C5 2B EA 3F 29 A1 0F 93 62 5C 94 | .....+?)...b\.
AD 39 FD E4 A2 31 85 2F 89 4E 40 BA DA 0D 42 F4 | .9...1./..N@...B.
02 45 7E 4B B4 26 33 E2 8A 06 C0 BD EB AC 94 EF | .E~K.&3.....
B6 E8 48 63 4C 7B 26 D5 62 37 9C 0C 3D 62 66 67 | ..HcL{&.b7..=bfg
34 30 EB 5D AB EE 9A F3 65 26 3F 47 3F 5A 24 41 | 40.]....e&?G?Z$A
61 A9 F4 7D 5A 72 2D 0E 31 40 96 0B F1 A0 9D AF | a..}Zr-.l@.....
36 34 76 EC B0 7E 66 30 39 EA A1 C1 6C 71 17 89 | 64v...~f09...lq..
C7 52 9D 09 E9 E2 CA EB DA D7 7D F0 F2 03 5B 92 | .R.....}...[.
DA 78 BF 34 B6 17 ED 2C E7 54 FD 09 04 5E 4A 50 | .x.4....,T...^JP
F4 DE 6D 22 49 84 01 85 39 95 32 B9 6A A6 68 D7 | ..m"I...9.2.j.h.

```


Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,.S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.a{.I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Date/time: 2020-07-30 11:13:24 PM

Command: WRITE DMA EXT*+

85 0D 06 00 00 00 01 00 00 01 AC 00 00 50 35 00

Result: SECTOR UNMODIFIED

Details: No changes to sector detected.

Disk sector state before write:

READ SECTOR(S) EXT+ | 85 09 0E 00 00 00 01 00 00 01 AC 00 00 50 24 00

```

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....

```


Date/time: 2020-07-30 11:13:24 PM
Command: WRITE DMA FUA EXT*
85 0D 06 00 00 00 01 00 00 00 CA 00 00 50 3D 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:13:24 PM
Command: WRITE DMA FUA EXT*+
85 0D 06 00 00 00 01 00 00 01 AC 00 00 50 3D 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:13:25 PM
Command: WRITE FPDMA QUEUED
85 0C 06 00 00 00 01 00 00 00 CA 00 00 40 61 00
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:25 PM
Command: WRITE DMA QUEUED FUA EXT*
85 0F 06 00 00 00 01 00 00 00 CA 00 00 50 3E 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:13:25 PM
Command: WRITE DMA QUEUED FUA EXT*+
85 0F 06 00 00 00 01 00 00 01 AC 00 00 50 3E 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:13:25 PM
Command: [SCSI] WRITE (10)*
2A 06 00 00 CA 00 00 00 01 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

Disk sector state before write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$..f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./.....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b...□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....
```

Generated output buffer to write:

[SCSI] WRITE (10)* | 2A 06 00 00 CA 00 00 00 01 00

```
4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 35 31 37 31 32 |           51712
20 20 20 20 20 20 20 20 20 20 20 30 78 43 41 30 30 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 5B |           [
```

```

53 43 53 49 5D 20 57 52 49 54 45 20 28 31 30 29 | SCSI] WRITE (10)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 | Thu Jul 30 2020
20 20 20 20 32 33 3A 31 33 3A 32 35 2E 33 35 33 | 23:13:25.353
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
5D 49 BC 23 AD 8E FC 19 03 EA DA 89 5A 86 BA F6 | ]I.#.....Z...
67 E5 F6 E4 23 4B 83 84 A1 C2 1D 23 96 25 A2 CF | g...#K.....#.%..
2F 9E 31 71 99 A0 B5 C6 EC C4 8E ED 4A 74 E5 82 | /.lq.....Jt..
DD ED EA F1 AB FD FC 0A 3B F6 11 E4 9C 47 C3 37 | .....i....G.7
58 B8 EC A5 AD AA B2 A3 5A 6B DD 81 B3 F2 74 27 | X.....Zk....t'
BE 17 63 36 3B 9B B2 E7 A7 96 12 0D C1 9A B9 73 | ..c6i.....s
09 A8 62 81 C4 BB E7 74 19 96 42 74 9C 09 6E ED | ..b....t..Bt..n.
93 62 7F 73 A6 C4 E0 07 CF 0A 85 11 46 F6 17 6E | .b□s.....F..n
A7 5F 5C 4A AF 86 DB C4 A9 DF 88 7E 02 63 6F 1F | ._\J.....~.co.
1A 32 34 F1 B7 BE 59 93 4E 21 21 68 E0 5B 01 D3 | .24...Y.N!h.[...
4C B2 75 CA 2F 63 A9 E1 41 C7 54 DA D3 D1 2A CC | L.u./c..A.T...*.
45 CF 46 FE 2C 73 00 7C F1 8B 71 11 BB E8 33 94 | E.F.,s.|..q...3.
41 5E 9E 4F FB 4A 80 DD C9 B2 99 48 F6 48 DF 48 | A^.O.J.....H.H.H
3D 69 D1 67 33 6D D0 78 3E 5F D5 0C F3 E6 FA E6 | =i.g3m.x>_.....

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.

```

```

C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

-----
Date/time: 2020-07-30 11:13:25 PM
Command: WRITE DMA*
        A1 0C 06 00 01 00 CA 00 50 CA 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

```

```

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Generated output buffer to write:
WRITE DMA* | A1 0C 06 00 01 00 CA 00 50 CA 00 00

```
4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 35 31 37 31 32 |           51712
20 20 20 20 20 20 20 20 20 20 20 30 78 43 41 30 30 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 30 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           WRITE DMA
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 | Date-time:
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 20 |           Thu Jul 30 2020
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 30 |           23:13:25.527
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 | -----
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D |           Random Data
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 20 | -----
10 D2 45 FB 36 0B D7 C0 BD 72 A2 00 54 3A 8A 4B 4B | ..E.6....r..T:.K
25 01 B4 7D 0B 26 4A EC 48 DB AC E9 DD 0F F2 CC CC | %..}.&J.H.....
A7 B6 58 B8 6D AB 08 D7 74 03 55 B6 D2 A0 D9 74 74 | ..X.m...t.U....t
10 EF 94 06 45 84 EB B5 5D 7B B4 97 93 F7 B3 A9 A9 | ....E...]{.....
DF 0C A0 C4 EA 4F 28 B2 AE A3 04 6D F1 C2 15 72 72 | .....O(....m...r
B2 1D 95 AB B0 B7 55 C5 37 77 24 96 C6 19 C1 4C 4C | .....U.7w$.L
CA 3A 81 94 F7 3C 05 82 F3 DE B1 3F 00 D7 B9 F0 F0 | .:....<.....?....
28 D0 74 D2 3F 88 CF 63 26 FD 95 B3 2F E9 50 32 32 | (.t.?..c&.../.P2
90 F0 13 FD B0 3D 64 9E DE 04 92 2C 9D 1B 36 3F 3F | .....=d.....,..6?
22 1D 24 C4 37 43 99 F5 11 FC 58 A0 D8 E7 8B 7D 7D | ".$.7C....X....}
E8 9E A2 3B 07 9D FC 82 20 A3 90 96 43 CB EF 51 51 | ...;..... ..C..Q
E5 D2 CB AC B3 36 E2 0B 70 AA F0 F1 23 93 90 74 74 | .....6..p...#.t
23 79 B0 6A 3F 30 F7 CD 79 93 49 C6 37 AA 3D 40 40 | #y.j?0..y.I.7.=@
C8 89 C5 1C A4 36 51 54 52 7D 95 A2 41 F0 71 80 80 | .....6QTR}..A.q.
```

Disk sector state after write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 04 | 3...<.A.fS.P4...
```



```

6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....I1.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w.-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R.....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

-----
Date/time: 2020-07-30 11:13:25 PM
Command: WRITE DMA QUEUED*
        A1 0E 06 01 80 00 CA 00 50 CC 00 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
        N/A

```

```

-----
Date/time: 2020-07-30 11:13:25 PM
Command: WRITE DMA QUEUED EXT*
        85 0F 06 00 00 00 01 00 00 00 CA 00 00 50 36 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
        N/A

```

```

-----
Date/time: 2020-07-30 11:13:25 PM
Command: WRITE DMA QUEUED EXT*+
        85 0F 06 00 00 00 01 00 00 01 AC 00 00 50 36 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
        N/A

```

```

-----
Date/time: 2020-07-30 11:13:26 PM

```

```

Command: [SCSI] WRITE (16)*
          8A 06 00 00 00 00 00 00 CA 00 00 00 00 01 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

```

```

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....,.....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

Generated output buffer to write:
[SCSI] WRITE (16)* | 8A 06 00 00 00 00 00 00 CA 00 00 00 00 01 00 00

```

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 35 31 37 31 32 |           51712
20 20 20 20 20 20 20 20 20 20 30 78 43 41 30 30 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility

```

```

56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 5B |           [
53 43 53 49 5D 20 57 52 49 54 45 20 28 31 36 29 | SCSI] WRITE (16)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |   Thu Jul 30 2020
20 20 20 20 32 33 3A 31 33 3A 32 36 2E 30 34 34 |           23:13:26.044
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |   Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
BD 6B 5E 5C BE 9C DD 18 81 77 D1 CE 32 BF 63 00 | .k^\.....w..2.c.
A7 B1 D5 91 C3 AA 41 10 BF A1 18 CD E2 CF D2 BB | .....A.....
81 F5 22 25 E0 16 5E B0 BF 13 AA 4B 2E 0F 77 D8 | .."%..^....K..w.
F4 75 ED E4 2F 86 5C 9C DF 61 25 C3 1F D2 71 0B | .u../\...a%...q.
2B E5 7B 63 7E 04 C7 3C A9 27 22 43 9B 58 B0 94 | +.{c~...<.'"C.X..
20 87 EE 85 23 04 E7 4F 20 0E 07 EA 3D CE C6 D8 | ...#..O ...=...
F1 B1 A1 92 48 F6 8B 7E 10 E1 54 8D 16 6C 33 67 | ....H...~...T...l3g
B1 E8 F0 46 BF DB 5A E6 62 1F F7 35 0A 7F B8 12 | ...F..Z.b..5.□..
B0 E7 10 60 52 4F 24 30 E7 03 9B B7 98 76 A7 F6 | ...`RO$0.....v..
56 B1 52 31 8D 9B 2F 96 2E 9E F4 C5 B3 78 33 95 | V.R1..../.....x3.
69 A6 84 AF 95 C5 0B FD CA E1 17 7F 86 70 3B DB | i.....□.p;.
E2 8B 34 03 F4 23 60 84 AE 2E 41 79 4E 9E A3 B7 | ..4..#`...AyN...
BE 23 04 16 ED E3 40 0B 74 66 AC 58 A4 2A 1E A5 | .#....@.tf.X.*..
4B B4 FA 2A 46 A8 73 4C B2 FE E1 DA 51 2D 7D C0 | K..*F.sL....Q-}.

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....

```


00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |

Generated output buffer to write:

[SCSI] WRITE (16)*+ | 8A 06 00 00 00 01 00 00 AC 00 00 00 00 01 00 00

```
4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 34 32 39 35 30 31 31 33 32 38 |         4295011328
20 20 20 20 20 30 78 31 30 30 30 30 41 43 30 30 |         0x10000AC00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |         CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |         2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 5B |         [
53 43 53 49 5D 20 57 52 49 54 45 20 28 31 36 29 | SCSI] WRITE (16)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |         Thu Jul 30 2020
20 20 20 20 32 33 3A 31 33 3A 32 36 2E 32 30 30 |         23:13:26.200
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |         Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
D9 3F 28 04 4B BC C1 D6 55 68 6F 11 EB BC 7D 47 | .?(.K...Uho...}G
0F B8 B8 88 81 85 F8 00 EF E4 7D 2C CE CE 91 58 | .....},...X
95 1E 18 A6 1F 43 17 64 41 B8 CA 7E 80 D4 5A C3 | .....C.dA...~...Z.
5B A3 D1 4F 12 DB 4C C8 03 31 15 57 D7 82 A9 EC | [...O...L...l.W....
37 30 D0 53 AC 8E BC 94 02 D4 68 2D 35 6A 2B A3 | 70.S.....h-5j+.
40 F1 B1 F2 F1 07 D1 E1 F3 7B 66 AC 53 8F B6 B0 | @.....{f.S...
1F E9 90 6E 68 E4 07 8E 42 D8 99 CC 17 F5 A2 6B | ...nh...B.....k
D5 81 D9 14 E6 56 BE 4B E0 8A 44 58 DE B5 10 C1 | .....V.K..DX....
17 16 19 50 E9 1E 0D AC 94 31 31 03 55 85 BA D0 | ...P.....ll.U...
93 09 4D C1 5C 2C 0C B9 4C 75 04 F7 3E 4E CD 70 | ..M.\,..Lu...>N.p
4A D1 B1 44 EC 26 29 7D EA A1 07 69 C6 3A 2F 42 | J..D.&)}...i.:/B
57 0E 15 84 5E FE F6 16 9C AA FD 1F 57 C4 CF 42 | W...^.....W..B
C7 8F A5 0C D1 FD 7B C3 20 C1 F5 0C E2 49 FE 5C | .....{. ....I.\
63 EC BF D4 1F 57 80 FB 1C E8 13 D5 36 17 B6 72 | c....W.....6...r
```

Disk sector state after write:

READ SECTOR(S) EXT+ | 85 09 0E 00 00 00 01 00 00 01 AC 00 00 50 24 00

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |


```

05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Generated output buffer to write:

WRITE SECTOR(S)* | A1 0A 06 00 01 00 CA 00 50 30 00 00

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |
20 57 52 49 54 45 20 53 45 43 54 4F 52 28 53 29 | WRITE SECTOR(S)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 | Thu Jul 30 2020
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           23:13:26.372
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
FB 97 37 81 E2 85 82 01 F5 7C C0 AB DE 4E E3 B6 | ..7.....|...N..
17 6D B2 B9 D6 7D A2 F5 42 8F B3 83 7D C8 97 BC | .m...}..B...}...
E6 F0 01 9D 9A 43 D8 EA 8F E5 D2 44 58 67 14 18 | .....C.....DXg..
F5 38 C9 09 26 6A 10 AD B2 AF EB DB 2C EB 30 4F | .8..&j.....,00
F7 57 33 5F 4B 69 07 1D 56 28 2E 8A 37 08 80 3D | .W3_Ki..V(..7.=
1D F3 AD 21 8E AE 19 38 42 26 00 75 93 E9 A0 A5 | ...!...8B&.u....
DE D5 46 FB ED AB 13 2B B5 26 4B B2 7D CB 80 43 | ..F.....+.&K.}..C
50 76 77 D4 3A 67 02 E1 AC 60 4C 5E 2A 85 3F D8 | Pvw.:g...`L^*?.
F0 8E F6 DF DE 10 05 98 BA D5 E6 A5 91 9C 6D BD | .....m.
F7 AA 06 2A B9 07 97 EA 52 5F 6F D9 46 55 68 75 | ...*.....R_o.FUhu
28 B6 C3 AA E1 73 E8 E1 18 C0 81 7E BD 3D A3 B4 | (....s.....~.=..
1E 10 7A D7 FE 52 A6 08 B5 37 CB DD A6 43 7C 7C | ..z..R...7...C|
20 97 71 30 19 06 4F F4 A4 07 E1 90 32 41 86 22 | .q0..O.....2A."
EF 3B 3C 4E E2 E4 82 E0 80 0F 0A 15 6A 0F 5F E3 | .;<N.....j._.

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b...□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....
```

Date/time: 2020-07-30 11:13:26 PM

Command: WRITE SECTOR(S) EXT*

85 0B 06 00 00 01 00 00 00 CA 00 00 50 34 00

Result: SECTOR UNMODIFIED

Details: No changes to sector detected.

Disk sector state before write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
```



```

EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%. ....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@.....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG....□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | .._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g.....

```

Generated output buffer to write:

```
WRITE SECTOR(S) EXT* | 85 0B 06 00 00 00 01 00 00 00 CA 00 00 50 34 00
```

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           WRI
54 45 20 53 45 43 54 4F 52 28 53 29 20 45 58 54 54 | TE SECTOR(S) EXT
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 30 |   Thu Jul 30 2020
20 20 20 20 32 33 3A 31 33 3A 32 36 2E 35 32 38 38 |           23:13:26.528
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 20 |   Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----

```

```

18 6A 01 A9 6E A5 65 40 4A EC 5D EC 98 4B 7E FC | .j..n.e@J.]..K~.
7E F2 95 B0 94 D7 D9 E5 72 D1 1A E1 E9 C6 57 59 | ~.....r.....WY
FA 1A F7 9F D8 F0 10 1D 91 8B 73 78 2B 2D F6 03 | .....sx+...
5B E6 AD F2 09 BF 01 D8 D5 7E DB 6F E4 9B 69 B1 | [.....~.o..i.
03 22 89 4E F9 74 FC F4 2E D5 74 74 50 9B FA CB | ".N.t....ttP...
3E DE 70 8F 5D B1 83 CA 16 14 DF 37 A9 AA 90 7D | >.p.].....7...}
0C 8E 35 D7 0E 1A 8E 3B E7 1D 90 F1 FD 55 70 46 | ..5....i.....UpF
75 0F 5F 22 61 E1 66 46 AA CC 19 81 FE BB 96 88 | u._"a.fF.....
D7 BD 00 CF 77 DE ED 95 67 03 7C 71 4E AB 80 98 | ....w...g.|qN...
35 81 00 B9 87 97 F4 0F EF 36 7E 0B D0 AA 03 50 | 5.....6~.....P
09 62 F0 40 39 54 07 61 38 01 F0 69 FD 87 97 1A | .b.@9T.a8..i....
92 92 5C D9 E7 2E 3C 99 A3 B3 0A 83 2F E8 29 07 | ..\...<...../..).
28 84 13 25 FC 9F 8A 2D CE 62 2B 43 EF E0 E7 D8 | (..%...-.b+C....
08 73 81 F8 3B 14 8F 8F 69 F8 3A 8F 4E 79 19 94 | .s..i...i.:.Ny..

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | ...../.....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:.....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□x1.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```



```

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....

```

```

-----
Date/time: 2020-07-30 11:13:27 PM
Command: WRITE MULTIPLE*
        A1 0A 06 00 01 00 CA 00 50 C5 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

```

```

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.

```

```
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....  
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..  
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.xl.....T.  
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | ..2..../...O.S.  
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....
```

Generated output buffer to write:

```
WRITE MULTIPLE* | A1 0A 06 00 01 00 CA 00 50 C5 00 00
```

```
4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:  
20 20 20 20 20 20 20 20 20 20 20 35 31 37 31 32 |           51712  
20 20 20 20 20 20 20 20 20 20 30 78 43 41 30 30 |           0xCA00  
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:  
20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |           CRU  
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va  
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility  
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:  
20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |           2.0.1.0  
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:  
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |  
20 20 57 52 49 54 45 20 4D 55 4C 54 49 50 4C 45 | WRITE MULTIPLE  
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:  
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 | Thu Jul 30 2020  
20 20 20 20 32 33 3A 31 33 3A 32 36 2E 38 37 36 |           23:13:26.876  
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----  
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | Random Data  
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----  
FD 7C 91 59 01 20 9C 11 3F 7C 6C 59 8E 32 1D A5 | .|.Y. ..?|lY.2..  
F9 29 8F 61 64 0F E8 B5 3F 83 B8 6F 77 1B 76 D3 | .).ad...?.ow.v.  
6D CA 45 AB 01 07 B5 40 1F 07 00 88 BC 04 DD 68 | m.E....@.....h  
3E 6A 03 99 BD CB DD B0 1A 86 23 D4 52 FC 49 95 | >j.....#.R.I.  
13 47 EF 0D 75 3E E5 93 D5 C5 C0 CD CE BA BD 61 | .G..u>.....a  
25 69 D5 7B C9 6A 48 87 33 D6 82 49 B3 27 A0 AE | %i.{.jH.3..I.'..  
8F B2 71 FD 73 1C 49 56 1E 2F EE 08 45 F2 87 CC | ..q.s.IV./..E...  
A0 6E C7 62 92 E9 45 FE D8 33 39 47 51 A1 09 10 | .n.b..E..39GQ...  
A7 60 EE 36 7A 4A 7F 4A D2 4B 8F CB 86 9C 0D 58 | .`.6zJ[]J.K.....X  
47 D7 60 5F 86 20 76 54 76 EE 6D F9 41 43 98 24 | G.`_. vTv.m.AC.$  
43 3A 4C 21 E8 49 2D 24 F6 37 E9 DF 5B FA A2 24 | C:L!.I-$.7..[...$  
D1 97 E6 36 F7 34 81 B6 A1 70 89 46 7F 3C 63 47 | ...6.4...p.F[]<cG  
EC 3B B7 5B 03 EA F8 8D 2F 25 8A BF F1 27 A1 48 | .;.[..../%...'.H  
9F 35 E9 E0 9E A5 90 C6 90 34 BA 3E 69 0D 85 C6 | .5.....4.>i...
```

Disk sector state after write:

```
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00
```

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..  
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....  
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z@...  
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....  
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.  
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
```

```

9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

-----
Date/time: 2020-07-30 11:13:27 PM
Command: WRITE MULTIPLE EXT*
          85 0B 06 00 00 00 01 00 00 00 CA 00 00 50 39 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

```

```

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...

```

```

6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Generated output buffer to write:

WRITE MULTIPLE EXT* | 85 0B 06 00 00 00 01 00 00 00 CA 00 00 50 39 00

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           WR
49 54 45 20 4D 55 4C 54 49 50 4C 45 20 45 58 54 | ITE MULTIPLE EXT
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |   Thu Jul 30 2020
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           23:13:27.049
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |   Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
E7 65 0C 3F DA A0 23 12 42 5A 7A 72 05 95 A9 FC | .e.?..#.BZzr....
69 70 BD 14 72 A3 8D EA 13 F2 B8 A3 20 67 49 79 | ip..r..... gIy
A4 63 3D AA 7C 6F 89 0C CE 3D C2 90 E7 CE 8A A1 | .c=.|o...=.....
ED 45 6C 06 FE B0 C6 CE BB F0 65 77 36 05 79 33 | .El.....ew6.y3
DB D2 87 94 C9 3D 72 0B 28 A2 D2 67 74 93 2D 50 | .....=r(..gt.-P
5A CE B8 79 03 67 CC E4 FD 99 B1 0D A9 26 D3 D1 | Z..y.g.....&..
B7 52 A7 61 38 4A B8 99 D3 95 2E 0A 0E DC 45 12 | .R.a8J.....E.
34 9D 8A 52 6D 9A 48 56 F9 A7 8A 3B 96 97 14 42 | 4..Rm.HV...;...B
15 E5 B1 7A 30 F9 CF 82 8E 01 AD 92 09 C9 99 B4 | ...z0.....
B2 A8 1E 7C 22 42 75 12 07 BC 32 5D 8A 47 8A 33 | ...|"Bu...2].G.3
88 77 8B 48 8E 57 BC D5 46 37 FA 1C 30 1A 04 48 | .w.H.W..F7..0..H

```



```
C3 4C 84 64 77 F8 21 CA AC DA BE 50 0C CA 1C 96 | .L.dw.!....P....
D7 53 F0 BD A4 0F 98 E8 A0 EE 97 49 C1 36 F2 A2 | .S.....I.6..
88 C3 A4 7B 38 7D 2F 75 A8 69 18 78 92 D9 BF 25 | ...{8}/u.i.x...%
```

Disk sector state after write:

```
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00
```

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,.S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{.I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R.....!T.....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b.....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g.....
```

Date/time: 2020-07-30 11:13:27 PM
Command: WRITE MULTIPLE EXT*+
85 0B 06 00 00 00 01 00 00 01 AC 00 00 50 39 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

Disk sector state before write:
READ SECTOR(S) EXT+ | 85 09 0E 00 00 00 01 00 00 01 AC 00 00 50 24 00

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |

Date/time: 2020-07-30 11:13:27 PM
Command: WRITE VERIFY*
A1 0C 06 00 01 00 CA 00 50 3C 00 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:13:27 PM
Command: WRITE SECTOR(S) w/o retries*
A1 0C 06 00 01 00 CA 00 50 31 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04	|	..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07	|	..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F	|	....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00	|	.....,.....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E	|	.....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07	|	M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02	|	.....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01	|	j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04	|	]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00	|	..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16	|	.6...x\$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F	|	..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04	|	3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06	|	ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04	|	.Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E	|	F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F	|	./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11	|	.....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09	|	B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16	|	..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E	|	□t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15	|	...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06	|	.....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16	|	...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17	|	R.....!T....@.....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B	|	.c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C	|	..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17	|	...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11	|	[...Y.....+r..

```
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.[]xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | []..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....
```

Generated output buffer to write:

```
WRITE SECTOR(S) w/o retries* | A1 0C 06 00 01 00 CA 00 50 31 00 00
```

```
4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 35 31 37 31 32 |           51712
20 20 20 20 20 20 20 20 20 20 30 78 43 41 30 30 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 57 52 49 54 45 20 53 45 43 54 4F |           WRITE SECTO
52 28 53 29 20 77 2F 6F 20 72 65 74 72 69 65 73 | R(S) w/o retries
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |           Thu Jul 30 2020
20 20 20 20 32 33 3A 31 33 3A 32 37 2E 35 30 34 |           23:13:27.504
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |           Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
4F 23 58 68 1E 2A 9B 5D 95 78 CE A7 41 AE 8E C1 | O#Xh.*.].x..A...
0D 2D 73 59 32 2C EE 99 FD B4 E2 AB C4 8C 6A 2D | .-sY2,.....j-
1F D7 8C ED 3C 73 C2 1F 5F C0 16 DB E3 FA B6 A4 | ....<s..._.....
CB CB CF 3B 3E 28 83 84 81 37 40 44 3F 46 73 F0 | ...;>(....7@D?Fs.
B2 96 37 E4 11 7C FD AC B4 9D F2 47 74 C9 72 7A | ..7..|.....Gt.rz
25 3A 5C AF A9 3B B7 E4 9D 78 C7 AC 6B 83 9C D2 | %:\..i...x..k...
F1 40 4B 8E F5 D7 B6 E9 08 D9 AC 37 A5 22 CB 46 | .@K.....7."..F
B4 46 CF 34 A0 80 57 7B 35 EC 3E AD 8F 96 12 6D | .F.4..W{5.>....m
AA 8E C3 A1 E9 2B 19 EE AE 90 0D EF 4E 20 90 3C | .....+.....N .<
FA 91 E3 37 F1 A8 EF BA 92 D9 72 83 14 62 44 11 | ...7.....r..bd.
0E 8C 9B 47 0E 32 95 09 E4 32 60 A7 EA F1 54 C5 | ...G.2...2`...T.
D8 13 56 1F 92 78 D6 C7 E1 DB 31 DF 07 62 66 40 | ..V..x....1..bf@
B1 9A 53 9D 29 39 E3 B8 48 85 78 8A 97 5B 6C 02 | ..S.)9..H.x..[l.
18 92 EC C0 99 C7 21 FD B1 5F D0 E8 97 A4 F1 34 | .....!.._.....4
```

Disk sector state after write:

```
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00
```

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
```

```

5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....I1.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....w.-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R.....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

-----
Date/time: 2020-07-30 11:13:27 PM
Command: WRITE MULTIPLE FUA EXT*
      85 0B 06 00 00 00 01 00 00 00 CA 00 00 50 CE 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
        N/A

```

```

-----
Date/time: 2020-07-30 11:13:27 PM
Command: WRITE MULTIPLE FUA EXT*+
      85 0B 06 00 00 00 01 00 00 01 AC 00 00 50 CE 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
        N/A

```

```

-----
Date/time: 2020-07-30 11:13:28 PM
Command: WRITE DMA w/o retries*
      A1 0C 06 00 01 00 CA 00 50 CB 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

```

Disk sector state before write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w...-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R.....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b.....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....
```

Generated output buffer to write:

WRITE DMA w/o retries* | A1 0C 06 00 01 00 CA 00 50 CB 00 00

```
4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 35 31 37 31 32 |           51712
20 20 20 20 20 20 20 20 20 20 20 30 78 43 41 30 30 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 57 52 49 54 45 |           WRITE
20 44 4D 41 20 77 2F 6F 20 72 65 74 72 69 65 73 |           DMA w/o retries
```

```

44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |   Thu Jul 30 2020
20 20 20 20 32 33 3A 31 33 3A 32 37 2E 38 39 34 |     23:13:27.894
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |   Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
95 33 50 0B FC FC 94 F9 27 93 96 8C 4F E8 51 33 | .3P.....'...O.Q3
4F 3D 6A 03 8D 10 78 2F 36 5A 62 57 53 87 08 35 | O=j...x/6ZbWS..5
D1 3C 75 71 17 65 CF 1F A3 1F 26 1D F1 E9 EE 6F | .<uq.e....&....o
89 3F 4A C3 F4 FC DB 31 19 3C D7 74 8F 7D 01 26 | .?J....1.<.t.}&
0F CF 4D BB 04 D7 64 C9 51 50 21 CF 73 78 64 1F | ..M...d.QP!.sxd.
77 04 45 83 70 82 01 D2 EE 4B 35 90 23 65 B6 2E | w.E.p....K5.#e..
24 0D A1 B5 06 2D EA D2 46 81 1A 94 28 39 E2 CD | $.---...F...(9..
91 C4 D4 F4 83 33 D0 F6 31 3A 7D 46 E4 DD 6C 25 | .....3..1:}F..l%
2A C3 9B 79 64 B0 1F A7 5D 41 03 AD 66 46 C0 9D | *..yd...]A..fF..
92 EA 56 20 B6 13 D9 93 9C F3 96 00 AE 79 87 73 | ..V .....y.s
00 F9 4D FB 68 A3 62 46 B5 D2 B6 B1 0A 2B 74 44 | ..M.h.bF.....+tD
7C 18 0B 63 97 1D CD B3 B3 13 CA 80 DC C0 94 9B | |..c.....
C6 E9 27 02 62 38 B5 C5 33 AB F0 0B F3 E9 9D 0A | ..'.b8..3.....
13 9E 98 E9 37 BE 83 F3 B9 68 49 5B D2 2D 42 AF | ....7....hI[.-B.

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....

```



```
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+.r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.[]xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | []..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....
```

Date/time: 2020-07-30 11:13:28 PM
Command: WRITE LOG EXT
85 0B 06 00 00 00 01 00 80 00 01 00 00 10 3F 00
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:28 PM
Command: WRITE LOG DMA EXT
85 0C 06 00 00 00 01 00 80 00 01 00 00 10 57 00
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:28 PM
Command: CFA WRITE MULTIPLE WITHOUT ERASE*
A1 0C 06 00 01 00 CA 00 50 CD 00 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:13:28 PM
Command: CFA WRITE SECTORS WITHOUT ERASE*
A1 0C 06 00 01 00 CA 00 50 38 00 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:13:28 PM
Command: CFA ERASE SECTORS
A1 06 06 00 01 00 CA 00 50 C0 00 00
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:28 PM
Command: WRITE STREAM DMA EXT*
85 0D 06 00 00 00 01 00 00 00 CA 00 00 50 3A 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:13:28 PM
Command: WRITE STREAM DMA EXT*+
85 0D 06 00 00 00 01 00 00 01 AC 00 00 50 3A 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:13:28 PM
Command: WRITE STREAM EXT
85 0B 06 00 00 00 01 00 00 00 CA 00 00 50 3B 00
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:28 PM
Command: WRITE STREAM EXT+
85 0B 06 00 00 00 01 00 00 01 AC 00 00 50 3B 00
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:29 PM
Command: [SCSI] WRITE (6)*
0A 00 CA 00 01 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....

```

EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,.S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@.....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | .._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Generated output buffer to write:
[SCSI] WRITE (6)* | 0A 00 CA 00 01 00

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |
5B 53 43 53 49 5D 20 57 52 49 54 45 20 28 36 29 | [SCSI] WRITE (6)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |   Thu Jul 30 2020
20 20 20 20 32 33 3A 31 33 3A 32 39 2E 30 35 35 |           23:13:29.055
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |   Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----

```

```

1A 77 76 CF 2F 3F 75 0A 0F B7 5E 83 9A 7C 66 2C | .wv./?u...^...|f,
06 22 06 49 AA 4F E7 3E 10 3B C6 F0 68 B5 A3 45 | ." .I.O.>. ;...h..E
1C 34 F7 17 83 0F 3D 2B 7B EF 7A 97 F9 1B 3A 79 | .4....=+{.z....:y
B1 8C 84 94 11 16 45 24 11 82 4C 02 20 DA B6 E2 | .....E$.L. ...
30 D5 7B 4E A3 9A 71 1D 27 D1 F2 92 AB 28 10 E4 | 0.{N..q.'....(..
21 D7 DD 51 8F 45 DF 7E 3C BF 97 4F 79 10 31 FC | !..Q.E.~<..Oy.1.
3D 45 E2 F3 3E F9 6E 6E 8C 06 E6 39 04 49 8E 13 | =E..>.nn...9.I..
84 0F 0E 2E 3E B2 4C 29 18 00 21 11 71 80 35 49 | ....>.L)...!.q.5I
C0 B1 C0 E5 D3 47 85 4C BB FD A8 32 A8 AC 56 4B | .....G.L...2..VK
22 85 45 BD 87 3E 95 28 3E 14 15 DE 5A D9 DA A2 | ".E..>.( >...Z...
C7 8D 61 E6 B8 20 79 8C DB EA BF 8C 15 7F 74 FC | ..a.. y.....t.
D2 4C 66 F2 2C C6 3A 1F 5C 11 D3 B9 56 CC 2C 87 | .Lf.,.:.\...V.,.
75 8D C0 9F 1A A8 02 A6 A2 C5 64 B7 97 F6 71 38 | u.....d...q8
83 3C 09 A9 40 30 2B D9 B6 50 F2 02 DF 8E 2A 9C | .<...@0+...P....*.

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...t.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....t.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.txl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | t..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

-----
Date/time: 2020-07-30 11:13:29 PM
Command: [SCSI] WRITE (12)*
        AA 06 00 00 CA 00 00 00 00 01 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

```

```

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | ...../.....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%. ....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..". ....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

Generated output buffer to write:
[SCSI] WRITE (12)* | AA 06 00 00 CA 00 00 00 00 01 00 00

```

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 35 31 37 31 32 |           51712
20 20 20 20 20 20 20 20 20 20 30 78 43 41 30 30 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:

```

```

20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 | CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 | 2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 5B | [
53 43 53 49 5D 20 57 52 49 54 45 20 28 31 32 29 | SCSI] WRITE (12)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 | Thu Jul 30 2020
20 20 20 20 32 33 3A 31 33 3A 32 39 2E 32 32 36 | 23:13:29.226
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
33 37 C9 9F 0D EC A7 36 23 50 F3 31 4A FB D7 E8 | 37.....6#P.1J...
B4 64 1F C6 76 15 02 BC B7 EF 8F D0 0B 78 C6 1D | .d..v.....x..
19 25 41 A6 93 CA 75 6C AC 14 E4 9C 79 21 D5 40 | .%A...ul....y!.@
01 2B 62 61 E2 69 F3 65 C8 7D 7D 30 22 A0 88 3D | .+ba.i.e.}}0"..=
4E E6 F4 50 34 51 E5 E2 FA F1 49 E8 4F EC 00 A5 | N..P4Q....I.O...
F0 98 7D 1B FE F1 F8 CF AB CD 76 F7 D6 59 4A 3F | ..}.....v..YJ?
BB DD 63 BD AD E2 F0 D0 8A 96 3A EB EB 22 B5 16 | ..c.....:..."..
B1 C6 C0 A0 ED 6B 7A DB DF 07 26 48 6D 7F 1E 09 | .....kz...&Hm...
53 5D B0 A2 83 16 73 41 5B A3 74 0F B4 33 3E 60 | S]....sA[.t..3>`
73 C1 22 AF 14 44 C5 40 E5 C4 5B 55 E9 1D FC 54 | s."..D.@..[U...T
85 AE A4 48 FB B6 AE 92 70 AC 59 CF 51 46 42 28 | ...H....p.Y.QFB(
6B 8E 3B 99 99 A2 10 83 C3 15 88 E5 98 F5 C1 2F | k.;...../
C8 8C 2B 0A 23 C1 45 F7 D1 BB EC BE 2D 39 4E 65 | ..+.#.E.....-9Ne
D1 21 CA 46 6D DE 6D 83 83 FA 45 D4 07 7E 2B F9 | .!.Fm.m...E...~+.

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."......(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.

```

```

7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

-----
Date/time: 2020-07-30 11:13:29 PM
Command: [SCSI] WRITE (32)*
        7F 00 00 00 00 00 00 18 00 0B 06 00 00 00 00 00 00 00 00 CA 00 00 00 00 00 00
00 00 00 00 00 00 01
Result: NOT SUPPORTED
Details: Drive does not support extended SCSI request blocks.
        N/A

```

```

-----
Date/time: 2020-07-30 11:13:29 PM
Command: [SCSI] WRITE (32)*+
        7F 00 00 00 00 00 00 18 00 0B 06 00 00 00 00 01 00 00 AC 00 00 00 00 00 00
00 00 00 00 00 00 01
Result: NOT SUPPORTED
Details: Drive does not support extended SCSI request blocks.
        N/A

```

```

-----
Date/time: 2020-07-30 11:13:29 PM
Command: [SCSI] WRITE AND VERIFY (10)
        2E 00 00 00 CA 00 00 00 01 00
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
        N/A

```

```

-----
Date/time: 2020-07-30 11:13:29 PM
Command: [SCSI] WRITE AND VERIFY (12)
        AE 04 00 00 CA 00 00 00 01 00 00
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
        N/A

```

Date/time: 2020-07-30 11:13:29 PM
Command: [SCSI] WRITE AND VERIFY (16)
8E 00 00 00 00 00 00 00 CA 00 00 00 00 01 00 00
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:29 PM
Command: [SCSI] WRITE AND VERIFY (16)+
8E 00 00 00 00 01 00 00 AC 00 00 00 00 01 00 00
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:30 PM
Command: [SCSI] WRITE AND VERIFY (32)
7F 00 00 00 00 00 00 18 00 0C 00 00 00 00 00 00 00 CA 00 00 00 00 00 00
00 00 00 00 00 00 01
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:30 PM
Command: [SCSI] WRITE AND VERIFY (32)+
7F 00 00 00 00 00 00 18 00 0C 00 00 00 00 00 01 00 00 AC 00 00 00 00 00 00
00 00 00 00 00 00 01
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:30 PM
Command: [SCSI] WRITE LONG (10)
3F 00 00 00 CA 00 00 00 01 00
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:30 PM
Command: [SCSI] WRITE LONG (16)
9F 11 00 00 00 00 00 00 CA 00 00 00 00 01 00 00
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:30 PM
Command: [SCSI] WRITE LONG (16)+
9F 11 00 00 00 01 00 00 AC 00 00 00 00 01 00 00
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:30 PM
Command: [SCSI] WRITE SAME (10)
41 00 00 00 CA 00 00 00 01 00
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:30 PM
Command: [SCSI] WRITE SAME (16)
93 00 00 00 00 00 00 00 CA 00 00 00 00 01 00 00
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:30 PM
Command: [SCSI] WRITE SAME (16)+
93 00 00 00 00 01 00 00 AC 00 00 00 00 01 00 00
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:30 PM
Command: [SCSI] WRITE SAME (32)
7F 00 00 00 00 00 00 18 00 0D 00 00 00 00 00 00 00 00 CA 00 00 00 00 00 00
00 00 00 00 00 00 01

Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:31 PM
Command: [SCSI] WRITE SAME (32)+
7F 00 00 00 00 00 00 18 00 0D 00 00 00 00 00 01 00 00 AC 00 00 00 00 00 00
00 00 00 00 00 00 01
Result: SKIPPED BY USER
Details: Command skipped per user defined settings.
N/A

Date/time: 2020-07-30 11:13:31 PM
Command: WRITE LONG w/ retries*
A1 0C 06 00 01 00 CA 00 50 32 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected (write unsuccessful).

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04	|	..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07	|	..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F	|	....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00	|	.....,.....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E	|	.....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07	|	M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02	|	.....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01	|	j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04	|	]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00	|	..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16	|	.6...x\$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F	|	..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04	|	3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06	|	ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04	|	.Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E	|	F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F	|	./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11	|	.....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09	|	B.O..".....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16	|	..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E	|	□t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15	|	...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06	|	.....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16	|	...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17	|	R.....!T....@.....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B	|	.c0xG...□.....

```
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....
```

Generated output buffer to write:

WRITE LONG w/ retries* | A1 0C 06 00 01 00 CA 00 50 32 00 00

```
4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           WRITE
20 4C 4F 4E 47 20 77 2F 20 72 65 74 72 69 65 73 | LONG w/ retries
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 | Thu Jul 30 2020
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           23:13:31.176
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
90 76 7F 43 F9 41 F7 74 A0 F4 E0 CA 94 20 8D 0B | .v□C.A.t..... ..
1C F2 96 32 1F D9 8D 33 FB C6 47 75 2A 13 A5 2C | ...2...3..Gu*...
BA DC AD F4 81 46 C9 66 10 ED 6C E2 B8 A3 1A 64 | .....F.f..l....d
CA 88 F3 17 47 44 CE 73 AE E8 F9 2C 32 2D B4 2C | ....GD.s...,2-.,
66 A4 7F E9 C2 96 3F CB 87 9C 67 7E D8 98 A2 52 | f.□...?....g~...R
28 4D 9D 14 3E 10 86 7C F9 E0 4E 23 94 67 43 06 | (M..>..|.N#.gC.
05 1C A6 25 CF 23 AF 3D 62 94 36 91 3E C3 7E 6A | ...%.#.=b.6.>~j
15 39 C9 25 26 F4 AF 81 6A AA 69 83 6F 10 8C A6 | .9.%&...j.i.o...
6A E7 DC 22 5C 6B 38 06 DB 3D 41 81 55 F9 4C 74 | j.."\k8..=A.U.Lt
59 19 30 3F C5 3D 87 65 6E 1A 77 EF 81 86 0F 31 | Y.0?.=.en.w....1
4F 7C 5C 4B 42 04 B7 25 17 53 F4 A7 B2 A5 EB EC | O|\KB..%.S.....
9E 8D 90 C8 88 C8 91 C3 D9 D2 26 7B AE 3F 0E FB | .....&{?.?..
50 26 65 83 7D 17 55 CE 99 E4 44 D2 8A 45 83 05 | P&e.}.U...D..E..
F2 0C AA 1D 7D 0B 12 EA E4 4F A8 2F 7F 41 90 12 | .....}....O./□A..
```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
```

```

4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | []t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w...-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R.....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...[].....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....[].....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.[]xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | []..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

-----
Date/time: 2020-07-30 11:13:31 PM
Command: WRITE LONG w/o retries*
        A1 0C 06 00 01 00 CA 00 50 33 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected (write unsuccessful).

```

```

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o':....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...

```

```

33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w.-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Generated output buffer to write:

```
WRITE LONG w/o retries* | A1 0C 06 00 01 00 CA 00 50 33 00 00
```

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           WRITE
4C 4F 4E 47 20 77 2F 6F 20 72 65 74 72 69 65 73 | LONG w/o retries
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |   Thu Jul 30 2020
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           23:13:31.176
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |   Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
90 76 7F 43 F9 41 F7 74 A0 F4 E0 CA 94 20 8D 0B | .v□C.A.t..... ..
1C F2 96 32 1F D9 8D 33 FB C6 47 75 2A 13 A5 2C | ...2...3..Gu*...
BA DC AD F4 81 46 C9 66 10 ED 6C E2 B8 A3 1A 64 | .....F.f..l....d
CA 88 F3 17 47 44 CE 73 AE E8 F9 2C 32 2D B4 2C | ....GD.s...,2-.,
66 A4 7F E9 C2 96 3F CB 87 9C 67 7E D8 98 A2 52 | f.□...?...g~...R
28 4D 9D 14 3E 10 86 7C F9 E0 4E 23 94 67 43 06 | (M..>..|..N#.gC.
05 1C A6 25 CF 23 AF 3D 62 94 36 91 3E C3 7E 6A | ...%.#.=b.6.>..~j
15 39 C9 25 26 F4 AF 81 6A AA 69 83 6F 10 8C A6 | .9.%&...j.i.o...
6A E7 DC 22 5C 6B 38 06 DB 3D 41 81 55 F9 4C 74 | j.."\k8..=A.U.Lt
59 19 30 3F C5 3D 87 65 6E 1A 77 EF 81 86 0F 31 | Y.0?.=.en.w....1

```

```

4F 7C 5C 4B 42 04 B7 25 17 53 F4 A7 B2 A5 EB EC | O|\KB..%.S.....
9E 8D 90 C8 88 C8 91 C3 D9 D2 26 7B AE 3F 0E FB | .....&{.?.?..
50 26 65 83 7D 17 55 CE 99 E4 44 D2 8A 45 83 05 | P&e.}.U...D..E..
F2 0C AA 1D 7D 0B 12 EA E4 4F A8 2F 7F 41 90 12 | ....}.O./A..

```

Disk sector state after write:

```
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00
```

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,.S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.a{.I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | .p.□x1.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

Date/time: 2020-07-30 11:13:31 PM
Command: WRITE UNCORRECTABLE EXT*
      85 07 06 00 5A 00 01 00 00 00 CA 00 00 50 45 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

```

Disk sector state before write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.a{.I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r#.8....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | []t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w...-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R.....!T.....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...[].....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....[].....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | .._p.[]xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | []..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g.....
```

Generated output buffer to write:

WRITE UNCORRECTABLE EXT* | 85 07 06 00 5A 00 01 00 00 00 CA 00 00 50 45 00

```
4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           WRITE U
4E 43 4F 52 52 45 43 54 41 42 4C 45 20 45 58 54 | NCORRECTABLE EXT
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 | Thu Jul 30 2020
```

```

20 20 20 20 32 33 3A 31 33 3A 33 31 2E 31 39 32 | 23:13:31.192
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
17 FB C4 99 06 E8 D3 E0 6E 17 15 24 CE B3 58 B3 | .....n..$.X.
3E A1 2D EB B6 F6 00 BB 1E 30 16 6F ED 10 EC F3 | >.-.....0.o....
77 08 1F 6B BF 99 52 BA DB 75 55 75 3E EE EF CE | w..k..R..uUu>...
00 EF 08 E6 F8 7E 22 AB 3C 99 61 1E CB E5 03 AC | .....~".<.a.....
9B 81 0B 85 34 E6 92 FB 04 42 68 F2 C1 25 FD DD | ....4....Bh..%..
63 E4 56 D3 8B 34 E3 C0 F5 9D 88 29 3E 82 BB A2 | c.V..4.....)>...
16 50 ED D5 B5 7A BF 49 A2 6C 23 39 A3 90 6C BF | .P...z.I.l#9..l.
6B 14 FE 1A D1 8B 8E B2 B8 95 A5 66 64 A9 E3 8E | k.....fd...
5E B0 30 C0 3A 8D 46 F4 56 35 E0 58 D5 01 6B 07 | ^.0.:.F.V5.X..k.
01 63 EE 96 54 87 B5 73 D7 2C 54 9F 7E 36 0E DB | .c..T..s.,T.~6..
4C B5 40 1C 5E 70 D8 8A 24 32 80 D3 6A DD ED 7A | L.@.^p..$2..j..z
EF 8D 14 9B 41 41 2A A5 06 E1 36 93 74 18 0F 2B | ....AA*...6.t.+
1F C1 8F 33 60 86 6E 47 72 4D 65 A3 1B 9D AA 94 | ...3`.nGrMe.....
E8 22 63 6C E8 68 07 A0 5E 8A 6F 73 CE CF FE D2 | ."cl.h..^.os....

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | ...../.....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.

```


7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 |g....

CRU WriteBlocking Validation Utility, version 2.0.1.0.
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7. Log – Results 2

The following data is for **Results 2** as defined in Table 2 in section 4.1 above.

2020-07-30 11:12:52 PM | Starting test...

WRITE DMA EXT*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE DMA EXT*+	SECTOR UNMODIFIED	No changes to sector detected.
WRITE DMA FUA EXT*	NOT SUPPORTED	Command not supported on the drive.
WRITE DMA FUA EXT*+	NOT SUPPORTED	Command not supported on the drive.
WRITE FPDMA QUEUED	SECTOR UNMODIFIED	No changes to sector detected.
WRITE DMA QUEUED FUA EXT*	NOT SUPPORTED	Command not supported on the drive.
WRITE DMA QUEUED FUA EXT*+	NOT SUPPORTED	Command not supported on the drive.
[SCSI] WRITE (10)*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE DMA*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE DMA QUEUED*	NOT SUPPORTED	Command not supported on the drive.
WRITE DMA QUEUED EXT*	NOT SUPPORTED	Command not supported on the drive.
WRITE DMA QUEUED EXT*+	NOT SUPPORTED	Command not supported on the drive.
[SCSI] WRITE (16)*	SECTOR UNMODIFIED	No changes to sector detected.
[SCSI] WRITE (16)*+	SECTOR UNMODIFIED	No changes to sector detected.
WRITE SECTOR(S)*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE SECTOR(S) EXT*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE SECTOR(S) EXT*+	SECTOR UNMODIFIED	No changes to sector detected.
WRITE MULTIPLE*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE MULTIPLE EXT*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE MULTIPLE EXT*+	SECTOR UNMODIFIED	No changes to sector detected.
WRITE VERIFY*	NOT SUPPORTED	Command not supported on the drive.
WRITE SECTOR(S) w/o retries*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE MULTIPLE FUA EXT*	NOT SUPPORTED	Command not supported on the drive.
WRITE MULTIPLE FUA EXT*+	NOT SUPPORTED	Command not supported on the drive.
WRITE DMA w/o retries*	SECTOR UNMODIFIED	No changes to sector detected.
WRITE LOG EXT	SECTOR UNMODIFIED	No changes to sector detected.
WRITE LOG DMA EXT	SECTOR UNMODIFIED	No changes to sector detected.
CFA WRITE MULTIPLE WITHOUT ERASE*	NOT SUPPORTED	Command not supported on the drive.
CFA WRITE SECTORS WITHOUT ERASE*	NOT SUPPORTED	Command not supported on the drive.
CFA ERASE SECTORS	NOT SUPPORTED	Command not supported on the drive.
WRITE STREAM DMA EXT*	NOT SUPPORTED	Command not supported on the drive.
WRITE STREAM DMA EXT*+	NOT SUPPORTED	Command not supported on the drive.
WRITE STREAM EXT	NOT SUPPORTED	Command not supported on the drive.
WRITE STREAM EXT+	NOT SUPPORTED	Command not supported on the drive.
[SCSI] WRITE (6)*	SECTOR UNMODIFIED	No changes to sector detected.
[SCSI] WRITE (12)*	SECTOR UNMODIFIED	No changes to sector detected.
[SCSI] WRITE (32)* uest blocks.	NOT SUPPORTED	Drive does not support extended SCSI req
[SCSI] WRITE (32)*+ uest blocks.	NOT SUPPORTED	Drive does not support extended SCSI req
[SCSI] WRITE AND VERIFY (10)	SECTOR UNMODIFIED	No changes to sector detected.
[SCSI] WRITE AND VERIFY (12)	SECTOR UNMODIFIED	No changes to sector detected.
[SCSI] WRITE AND VERIFY (16)	SECTOR UNMODIFIED	No changes to sector detected.
[SCSI] WRITE AND VERIFY (16)+	SECTOR UNMODIFIED	No changes to sector detected.

[SCSI] WRITE AND VERIFY (32)uest blocks.	NOT SUPPORTED	Drive does not support extended SCSI req
[SCSI] WRITE AND VERIFY (32)+uest blocks.	NOT SUPPORTED	Drive does not support extended SCSI req
[SCSI] WRITE LONG (10)	SECTOR UNMODIFIED	No changes to sector detected.
[SCSI] WRITE LONG (16)	SECTOR UNMODIFIED	No changes to sector detected.
[SCSI] WRITE LONG (16)+	SECTOR UNMODIFIED	No changes to sector detected.
[SCSI] WRITE SAME (10)	SECTOR UNMODIFIED	No changes to sector detected.
[SCSI] WRITE SAME (16)	SECTOR UNMODIFIED	No changes to sector detected.
[SCSI] WRITE SAME (16)+	SECTOR UNMODIFIED	No changes to sector detected.
[SCSI] WRITE SAME (32)uest blocks.	NOT SUPPORTED	Drive does not support extended SCSI req
[SCSI] WRITE SAME (32)+uest blocks.	NOT SUPPORTED	Drive does not support extended SCSI req
WRITE LONG w/ retries* (successful).	SECTOR UNMODIFIED	No changes to sector detected (write uns
WRITE LONG w/o retries* (successful).	SECTOR UNMODIFIED	No changes to sector detected (write uns
WRITE UNCORRECTABLE EXT*	SECTOR UNMODIFIED	No changes to sector detected.

2020-07-30 11:12:59 PM | Test complete.

Test Result - **PASS**. No sectors on the drive were modified during the test.
 Results saved to the following location:
 "C:\Program Files (x86)\CRU\WriteBlocking Validation Utility\Test
 Results\WriteBlockTest_2020_07_30_23_12_48.html".

Error Code Key

No errors detected.

8. Details – Results2

The following data is for Results2 as defined in section 4.1 above.

Date/time: 2020-07-30 11:12:52 PM
 Command: WRITE DMA EXT*
 85 0D 06 00 00 00 01 00 00 00 CA 00 00 50 35 00
 Result: SECTOR UNMODIFIED
 Details: No changes to sector detected.

Disk sector state before write:
 [SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,.S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..

```

```

D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w.-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g.....

```

Generated output buffer to write:

```
WRITE DMA EXT* | 85 0D 06 00 00 00 01 00 00 00 CA 00 00 50 35 00
```

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           WRITE DMA EXT
20 20 20 57 52 49 54 45 20 44 4D 41 20 45 58 54 | Date-time:
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 |           Thu Jul 30 2020
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |           23:12:52.468
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 | -----
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D |           Random Data
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | -----
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | .....%. ,.G..@.C..
A1 B6 DA 06 25 F1 2C 8A 47 CB F8 40 BD 43 A5 A7 | a....+N....[.4.k
61 05 BE 16 DE 2B 4E A7 11 08 10 5B 0F 34 C8 6B | Vv,..8....I../..
56 76 2C E3 8F 38 0F E2 D4 90 49 B2 F7 2F 95 15 | 4.Bg.....L..EE..
34 A3 42 67 CE C5 07 04 03 4C D7 05 45 45 84 D0 | :....I.@.....O..
3A 05 FB 86 F1 49 80 40 BD 89 B2 C1 A9 4F A4 81 | ..~...FM'.b....Q
00 84 7E 9F DC 09 46 4D 27 11 62 1D 8D 88 EE 51 | ..m....o74.....E
C9 0C 6D A0 D0 B4 F2 6F 37 34 D8 9E DF 95 14 45 |

```

```

D3 99 37 8E 3F ED BF 8B 84 5E B6 2F E7 9C CC 45 | ..7.?....^./...E
26 C8 E8 9B 95 DD D8 35 1B A2 25 2D 8F CD 2A 31 | &.....5..%-*1
62 69 F7 34 11 C2 A9 3C C6 CF 9F F7 B9 F5 65 F1 | bi.4...<.....e.
94 8C 9A 11 0D 7D AC 44 E7 7C 46 85 0D 92 B0 87 | .....}.D.|F.....
83 12 8F C5 D2 28 3E 4D BD 97 AC EA C9 D9 83 17 | .....(>M.....
7D BC 73 51 E9 1F E9 C8 BE F9 AC F4 13 54 F3 7E | }.sQ.....T.~
30 C0 0E 2D 68 16 BB 25 5E F7 31 AE C4 64 78 64 | 0..-h..%^..1..dxd

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w...-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Date/time: 2020-07-30 11:12:52 PM

Command: WRITE DMA EXT*+

85 0D 06 00 00 01 00 00 01 AC 00 00 50 35 00

Result: SECTOR UNMODIFIED

Details: No changes to sector detected.


```
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
```

Date/time: 2020-07-30 11:12:52 PM
Command: WRITE DMA FUA EXT*
85 0D 06 00 00 00 01 00 00 00 CA 00 00 50 3D 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:12:52 PM
Command: WRITE DMA FUA EXT*+
85 0D 06 00 00 00 01 00 00 01 AC 00 00 50 3D 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:12:53 PM
Command: WRITE FPDMA QUEUED
85 0C 06 00 00 00 01 00 00 00 CA 00 00 40 61 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
```

```

46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./.....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....I1.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Generated output buffer to write:

```
WRITE FPDMA QUEUED | 85 0C 06 00 00 00 01 00 00 00 CA 00 00 40 61 00
```

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           WR
49 54 45 20 46 50 44 4D 41 20 51 55 45 55 45 44 | ITE FPDMA QUEUED
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |   Thu Jul 30 2020
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           23:12:53.013
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |   Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
39 F8 8E DD E1 67 B3 3E F3 2C 25 0B 02 A9 41 62 | 9....g.>.,%...Ab
BD C7 09 51 1F A2 EC F7 25 C5 E5 52 69 8E 27 B8 | ...Q....%.Ri.'.
DA 82 5D 9F CF 34 D4 4E C4 0D F5 67 FB 04 E8 13 | ..].4.N...g....
56 1D 5F B2 0F 4E 4A 4E BD 85 FC 38 3D 04 0A 92 | V...NJN...8=...
63 41 4C 35 AA 09 74 9E 31 8E 11 E1 A9 19 DF 57 | cAL5..t.l.....W
35 18 5A 69 35 35 5B 4D 88 B0 CC FD CC 2B A6 51 | 5.Zi55[M.....+Q
8E 1E C9 73 13 A6 F4 20 03 EF 59 F0 48 51 0F 12 | ...s... ..Y.HQ..
D2 70 F1 2D 0C 88 B1 66 4A 19 03 BD EE 9E 4E 19 | .p.-...fJ.....N.
11 21 D6 73 DA AC 90 C7 7A 14 C5 4F C9 77 33 A9 | .!.s.....z...O.w3.
1B 01 33 F8 41 5C 2E 14 3B B2 5F D1 30 DA AB 93 | ..3.A\...;_..0...
10 77 0B 12 8D 24 D3 12 49 81 E0 F9 D1 BA 5F 89 | .w...$.I....._
6E CA BD 0B B7 A8 87 D0 09 96 3A DA 4F 42 B9 6C | n.....:OB.l
A4 75 90 71 E6 F4 9E F8 17 63 4C B3 3D AE 79 9F | .u.q.....cL.=.y.

```


20 F1 C5 E7 06 CA C9 9B 55 02 F9 3E 40 1A 46 54 |U..>@.FT

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....,.....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R.....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g.....
```

Date/time: 2020-07-30 11:12:53 PM
Command: WRITE DMA QUEUED FUA EXT*
85 0F 06 00 00 00 01 00 00 00 CA 00 00 50 3E 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:12:53 PM

Command: WRITE DMA QUEUED FUA EXT*+
85 0F 06 00 00 00 01 00 00 01 AC 00 00 50 3E 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:12:53 PM
Command: [SCSI] WRITE (10)*
2A 06 00 00 CA 00 00 00 01 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04	|	..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07	|	..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F	|	....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00	|	.....,.....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E	|	.....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07	|	M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02	|	.....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01	|	j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04	|	]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00	|	..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16	|	.6...x\$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F	|	..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04	|	3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06	|	ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04	|	.Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E	|	F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F	|	./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11	|	.....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09	|	B.O..".....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16	|	..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E	|	□t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15	|	...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06	|	.....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16	|	...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17	|	R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B	|	.c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C	|	..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17	|	...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11	|	[...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08	|	.._p.□x1.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F	|	□..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05	|	.....g....

Generated output buffer to write:

[SCSI] WRITE (10)* | 2A 06 00 00 CA 00 00 00 01 00

```
4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 35 31 37 31 32 |           51712
20 20 20 20 20 20 20 20 20 20 30 78 43 41 30 30 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 5B |           [
53 43 53 49 5D 20 57 52 49 54 45 20 28 31 30 29 | SCSI] WRITE (10)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |   Thu Jul 30 2020
20 20 20 20 32 33 3A 31 32 3A 35 33 2E 33 38 34 |           23:12:53.384
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |   Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
E0 3B 8B A2 8A C2 27 72 90 B5 08 4E 8A 9C DB 94 | .i....'r...N....
51 CF C3 25 C7 D2 D7 9C 3C 9E 4F 1E 10 E6 4E 52 | Q..%....<.O...NR
54 12 76 F6 A9 82 3F 2A 67 CA 42 D1 7C 80 F3 48 | T.v...?*g.B.|..H
7D 46 79 25 4B 36 0F 58 DC D2 B9 71 7E 97 2B AF | }Fy%K6.X...q~.+
20 5D 1C D3 80 A5 86 41 D2 05 6F 61 A5 B1 45 E5 | ].....A..oa..E.
A9 06 F7 51 28 E9 3E EA 3F 73 4C F9 32 3E D9 FA | ...Q(>.>.?sL.2>..
6C 3C 3B 20 F9 0C FE D2 25 88 BC 10 E9 25 93 43 | l<; ....%....%.C
71 5A 00 8C DA 18 8A 07 68 10 7A 88 61 D8 80 66 | qZ.....h.z.a..f
47 26 14 B7 A5 29 EE AC 17 CF 5E 66 D1 62 65 6C | G&...)^f.bel
55 E2 54 AA 04 7E 59 95 40 0D 35 5D 64 F8 88 D4 | U.T...~Y.@.5]d...
25 61 ED 67 37 84 E0 4F 42 28 8A DF 88 08 06 1F | %a.g7..OB(.....
B9 90 BC 75 E9 6D D8 31 96 A3 78 AF BA 46 1E DF | ...u.m.l..x..F..
DB 0C 12 F3 03 39 22 EF 27 35 7B EC 5E 43 84 4E | .....9".'5{.^C.N
68 2C 07 2A F3 4A 79 29 9B DB 3F A7 05 F9 32 D3 | h,.*.Jy)..?....2.
```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....,.....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
```

```

6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w.-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

-----
Date/time: 2020-07-30 11:12:53 PM
Command: WRITE DMA*
        A1 0C 06 00 01 00 CA 00 50 CA 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

```

```

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,.S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.

```

```

7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g.....

```

Generated output buffer to write:

WRITE DMA* | A1 0C 06 00 01 00 CA 00 50 CA 00 00

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           WRITE DMA
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 | Date-time:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |   Thu Jul 30 2020
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |   23:12:53.554
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |   Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
F1 63 A2 C4 31 D5 4B 1F 18 55 E1 0E F6 0C D8 9E | .c..l.K..U.....
A5 9F FB 6F 89 67 62 A2 B9 DD 2B 07 A6 71 8C 1E | ...o.gb...+..q..
7E 20 21 9F 4E F8 EE A6 7B E6 8E 95 A3 78 72 7F | ~!.N...{....xr□
01 6E BE 84 D8 4E A8 76 9B CB 43 47 2F B9 47 81 | .n...N.v..CG/.G.
1A 58 AC 4C 81 B5 26 C4 A7 F2 55 B0 EA 1E CF CD | .X.L.&...U.....
ED 85 3C B6 6A 9C 2A 38 4F 66 EF 02 AD F5 A3 0C | ..<.j.*8Of.....
A9 02 08 27 54 97 78 7D 30 5B B0 12 54 01 03 F1 | ...'T.x}0[...T...
D1 D2 C6 AF 68 F6 A1 D6 2B 49 FA 72 8D 84 A4 CF | ....h...+I.r....
13 85 97 23 10 D6 54 2B 2E 75 40 7E 2D D9 04 27 | ...#..T+.u@~--.'
15 BA 54 A7 40 AF AE 94 89 85 56 68 7D F8 33 34 | ..T.@.....Vh}.34
C3 BE E2 44 C7 E4 8C 76 BD 8B 43 CF 88 14 AA 01 | ...D...v..C.....
A5 93 81 6F A3 52 55 07 CA 1E 93 4A F0 19 1B F3 | ...o.RU....J....
2A 01 98 23 4D E3 D3 61 80 5C 22 F6 3A D0 37 62 | *..#M..a.\".:.7b
76 27 8C EA 0A 9B 7C 17 50 0B EC 0F 1F 60 8D 1D | v'....|.P....`..

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w...-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | .p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

-----
Date/time: 2020-07-30 11:12:53 PM
Command: WRITE DMA QUEUED*
        A1 0E 06 01 80 00 CA 00 50 CC 00 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
        N/A

```

```

-----
Date/time: 2020-07-30 11:12:53 PM
Command: WRITE DMA QUEUED EXT*
        85 0F 06 00 00 00 01 00 00 00 CA 00 00 50 36 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
        N/A

```

Date/time: 2020-07-30 11:12:53 PM
Command: WRITE DMA QUEUED EXT*+
85 0F 06 00 00 00 01 00 00 01 AC 00 00 50 36 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:12:54 PM
Command: [SCSI] WRITE (16)*
8A 06 00 00 00 00 00 00 CA 00 00 00 00 01 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04	|	..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07	|	..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F	|	....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00	|	.....,.....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E	|	.....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07	|	M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02	|	.....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01	|	j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04	|	]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00	|	..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16	|	.6...x\$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F	|	..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04	|	3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06	|	ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04	|	.Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E	|	F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F	|	./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11	|	.....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09	|	B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16	|	..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E	|	□t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15	|	...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06	|	.....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16	|	...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17	|	R.....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B	|	.c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C	|	..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17	|	...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11	|	[...Y.....+r...
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08	|	.._p.□xl.....T.

```
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....
```

Generated output buffer to write:

```
[SCSI] WRITE (16)* | 8A 06 00 00 00 00 00 00 CA 00 00 00 00 01 00 00
```

```
4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 35 31 37 31 32 |           51712
20 20 20 20 20 20 20 20 20 20 30 78 43 41 30 30 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 5B |           [
53 43 53 49 5D 20 57 52 49 54 45 20 28 31 36 29 | SCSI] WRITE (16)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |   Thu Jul 30 2020
20 20 20 20 32 33 3A 31 32 3A 35 34 2E 30 33 38 |           23:12:54.038
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |   Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
8B 59 F3 CC 6A FC 8B 1F 35 1B EE 3D 1D 58 26 51 | .Y..j...5...=X&Q
0A 00 0D 5C 8B 00 E6 BC C2 DA 8A 00 99 81 77 F0 | ...\.w.
8A A5 67 B8 D9 76 2B 91 13 E0 72 44 1C 42 47 01 | ..g..v+...rD.BG.
31 AE 57 57 1D 20 DC 47 8A CF BE B9 35 7D 34 5A | 1.WW. .G....5}4Z
D6 E2 87 A9 A3 A6 C7 2A 2B 79 82 96 64 43 CE 01 | .....*+y..dC..
59 7D C9 AD 95 26 55 36 61 E7 A1 A8 6D 64 E8 AE | Y}...&U6a...md..
EA BE 67 00 42 46 D5 A9 58 71 1B 5E 1F 80 E9 67 | ..g.BF...Xq.^...g
E0 76 6D 6B EF C3 57 14 44 46 61 5F AD 16 97 8B | .vmk..W.DFa.....
06 1C 80 74 2F 02 6E 66 B9 07 1F 96 F8 93 6C 5F | ...t/.nf.....l_
68 D5 2B 70 A7 9F 8D 81 F6 48 12 C3 E3 66 63 26 | h.+p....H...fc&
2B 90 2F 90 6A FC 4E C8 B5 2E 53 0E 21 0B CA A6 | +./..j.N...S.!...
D4 0B D2 F3 40 55 47 B0 FD F7 AA 10 04 1D 93 C5 | .....@UG.....
21 68 33 34 79 4A D6 4E 73 8E DF 6A 4E E8 9F 10 | !h34yJ.Ns..jN...
4F 3C 95 7C BE F4 77 E7 24 98 87 D1 04 77 14 49 | O<.|..w.$....w.I
```

Disk sector state after write:

```
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00
```

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
```



```

D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....I1.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w.-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

-----
Date/time: 2020-07-30 11:12:54 PM
Command: [SCSI] WRITE (16)*+
          8A 06 00 00 00 01 00 00 AC 00 00 00 01 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

```

```

Disk sector state before write:
READ SECTOR(S) EXT+ | 85 09 0E 00 00 00 01 00 00 01 AC 00 00 50 24 00

```

```

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....

```

```
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
```

Generated output buffer to write:

[SCSI] WRITE (16)*+ | 8A 06 00 00 00 01 00 00 AC 00 00 00 00 01 00 00

```
4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 34 32 39 35 30 31 31 33 32 38 |         4295011328
20 20 20 20 20 30 78 31 30 30 30 30 41 43 30 30 |         0x10000AC00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |         CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |         2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 5B |         [
53 43 53 49 5D 20 57 52 49 54 45 20 28 31 36 29 | SCSI] WRITE (16)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 | Thu Jul 30 2020
20 20 20 20 32 33 3A 31 32 3A 35 34 2E 32 31 30 |         23:12:54.210
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
2E B1 03 4A 02 C5 4C CA D5 2E 40 D7 10 E8 0D 40 | ...J..L...@....@
93 B5 07 0D DF F7 8F 34 15 86 BF 57 C8 FB FE 55 | .....4...W...U
DB F9 4F B0 55 77 EC 18 61 8D FB 0A F3 D4 00 D5 | ..O.Uw..a.....
CB 44 4E 11 31 AF A0 2C BB 4E 15 BE 88 E6 3B BC | .DN.1.,.N....;.
18 0A 69 35 43 81 12 33 7F CC 48 75 66 E1 A4 9A | ..i5C..3. Huf...
B5 80 C5 DB B2 CD 9B 0C 30 91 3B 71 2D 3F D2 A3 | .....0.;q-?...
AA AA 1D 8D 47 8B E1 C5 4B BE 4D 45 86 55 C7 C0 | ....G...K.ME.U..
5B EA 0B 2C 42 D4 9A AA 91 1D 6A 65 F7 E5 47 A2 | [...,B....je..G.
DF 94 5D 04 24 F3 E5 52 E0 AB 55 B8 35 AA 9E CC | ..].$.R..U.5...
CB 77 63 D8 84 7A 19 32 FC 31 7D A5 EC 6C FD 2B | .wc..z.2.1}.l.+
88 75 C0 F6 5F 4A 8D 2D 63 CD CD 24 99 0E C0 9A | .u.._J.-c..$.
9A 0E B7 C7 61 2A 76 A2 18 84 F8 CD 53 1C 40 00 | ....a*v.....S.@.
79 70 00 D9 40 52 2B 7F 77 53 CB ED 9C E0 27 56 | yp..@R+[]wS....'V
5C 8A 12 76 82 82 F8 CD 88 BE 7F 90 B7 EF BB 3A | \..v......:
```



```

EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%. ....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@.....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG....□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | .._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Generated output buffer to write:

WRITE SECTOR(S)* | A1 0A 06 00 01 00 CA 00 50 30 00 00

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |
20 57 52 49 54 45 20 53 45 43 54 4F 52 28 53 29 29 | WRITE SECTOR(S)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 30 | Thu Jul 30 2020
20 20 20 20 32 33 3A 31 32 3A 35 34 2E 33 36 36 36 |           23:12:54.366
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 20 | Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----

```

```

C9 85 4D F0 8E E5 2F 88 A9 1F DC 1A C9 E6 27 07 | ..M.../.....'.
FA 3B 6A 84 9D D1 47 24 45 C8 26 36 34 79 BD F1 | .;j...G$E.&64y..
EF A1 46 31 93 A4 A4 CB E2 B2 1C 3D 46 9A E3 C0 | ..F1.....=F...
32 F1 33 FA 14 05 90 58 5D 1D 05 D0 42 96 F2 1F | 2.3....X]...B...
A3 D4 BE 24 71 0C 08 0B 57 7A 8E 5F 00 F3 9E 29 | ...$q...Wz._...)
57 6B 88 49 01 D0 86 9E 04 7F 9A 33 43 00 C2 7B | Wk.I......3C..{
D7 E1 0C 69 67 FA 5D 56 7D B5 92 84 87 DE 37 43 | ...ig.]V}.....7C
80 83 F2 F8 69 4F 7E 0F 8F 09 B5 89 CD 9C 1E 52 | ....iO~.....R
C5 C2 67 73 BB C2 4F 4F 8C D8 EA 05 F1 B9 B1 27 | ..gs..OO.....'
09 4E 5E 68 D3 0B F5 56 1B 08 8C 58 77 C2 98 85 | .N^h...V...Xw...
E8 A0 ED 8C B6 2B 2C AC 04 0D BD 8E 59 D7 33 00 | .....+,.....Y.3.
0F 11 99 49 4A 05 8C 34 06 01 B5 74 DB C1 6C 0B | ...IJ..4...t..l.
81 5D A1 4E A3 6C 65 37 23 2F 15 A1 5B 00 08 8C | .].N.le7#/...[...
F3 C2 D6 21 5B 31 07 7C 72 A8 2F 8B 9B 5A 75 6B | ...![l.|r./..Zuk

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □.2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

-----
Date/time: 2020-07-30 11:12:54 PM
Command: WRITE SECTOR(S) EXT*
      85 0B 06 00 00 00 01 00 00 00 CA 00 00 50 34 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

```

```

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

Generated output buffer to write:
WRITE SECTOR(S) EXT* | 85 0B 06 00 00 00 01 00 00 00 CA 00 00 50 34 00

```

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 | Written by:

```

```

20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 57 52 49 |           WRI
54 45 20 53 45 43 54 4F 52 28 53 29 20 45 58 54 | TE SECTOR(S) EXT
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |   Thu Jul 30 2020
20 20 20 20 32 33 3A 31 32 3A 35 34 2E 35 32 32 |           23:12:54.522
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |   Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
E5 D8 17 19 1A 07 13 47 FC 8F F9 5C 82 64 C2 4E | .....G...\d.N
62 42 4D 7A 5C 2D 7E 13 75 0B 8C 94 A0 78 7C 8D | bBMz\~.u....x|.
84 49 3C 33 D1 51 DC FD E4 D8 3C 70 1A E0 C6 AB | .I<3.Q....<p....
17 20 17 64 F6 59 81 83 80 EB F4 E3 FA 46 2B 01 | . .d.Y.....F+.
AE 1F 94 94 9F 17 7C E2 30 28 D3 49 19 07 19 37 | .....|.0(.I...7
77 D5 CB B7 D0 54 70 31 D7 EC F8 74 5A C0 B3 53 | w....Tp1...tZ..S
85 9A 7B 45 87 69 D8 66 30 AB D7 C2 88 68 27 46 | ..{E:i.f0....h'F
A5 9C DB 46 91 C9 E1 73 0E 74 82 AC A2 D2 75 81 | ...F....s.t....u.
2C F1 70 64 D3 92 B8 4C 39 06 80 51 AE C8 45 81 | ,.pd...L9..Q..E.
C5 26 58 79 A2 9B 53 79 B8 DF 9A 89 02 98 34 60 | .&Xy..Sy.....4`
C9 4D 9B A1 0E 8B 4A AB 24 4D 2D 78 99 22 27 E4 | .M....J.$M-x."'
83 92 7A CA 32 E0 23 C4 72 FC F3 1B E5 67 18 95 | ..z.2.#.r....g..
8A C9 C3 43 88 06 A0 70 4D 8A 5E D4 9A 9F 68 43 | ...C...pM.^...hC
0C FA 1C CA B3 61 94 2B 5C 92 5F 06 80 C3 AE 1D | .....a.+\. _.....

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 06 F3 A1 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.

```



```
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
```

Generated output buffer to write:

WRITE SECTOR(S) EXT*+ | 85 0B 06 00 00 00 01 00 00 01 AC 00 00 50 34 00

```
4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 34 32 39 35 30 31 31 33 32 38 |         4295011328
20 20 20 20 20 20 30 78 31 30 30 30 30 41 43 30 30 |         0x10000AC00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |         CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |         2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 57 52 49 |         WRI
54 45 20 53 45 43 54 4F 52 28 53 29 20 45 58 54 | TE SECTOR(S) EXT
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 | Thu Jul 30 2020
20 20 20 20 32 33 3A 31 32 3A 35 34 2E 36 37 38 |         23:12:54.678
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
02 AC E0 C0 27 28 F6 86 D0 80 96 9D 3C 62 5D 15 | ....'(...<b]
49 48 30 F1 1A 08 B5 02 25 4D 72 F1 0C F5 BA AA | IH0....%Mr....
98 71 33 B4 90 7F 15 31 66 FE 5C A4 6C A6 A9 16 | .q3..□.lf.\.l...
7C CE FA 4E 58 AE F1 AF 23 BA 64 F6 35 F6 64 63 | |..NX...#.d.5.dc
3A 69 E9 83 4E A1 72 BB 08 55 1A 33 B3 99 13 C5 | :i..N.r..U.3....
19 3F 8E 26 9F 57 5A C3 AB 5A D8 36 70 81 25 2B | .?.&.WZ..Z.6p.%+
B3 D2 6A A1 28 58 54 F6 E2 22 1C 02 09 F0 17 C8 | ..j.(XT..".....
CA 36 C3 14 B8 44 46 D8 8C 60 4E CF 78 09 4C 31 | .6...DF..`N.x.Ll
12 20 FA 54 6B 61 A1 49 E4 33 16 9C EA D7 57 DB | . .Tka.I.3....W.
04 7C 53 89 71 2C B0 9D 56 B6 A9 BB 8C EE CE BA | .|S.q,..V.....
AA F8 C8 B7 66 6C E8 2A C4 8D 1C 63 D8 EB 99 4B | ....fl.*...c...K
F8 15 5C CC 9B BB 39 D5 60 79 B0 C1 6E 0D 44 20 | ..\...9.`y..n.D
93 36 65 B8 EB 9E 5B 29 F7 67 A7 88 58 3F C9 F9 | .6e...[).g..X?...
24 B2 E0 74 0C 90 A1 D9 C4 FB 90 00 65 2E E7 CD | $.t.....e...
```

Disk sector state after write:

READ SECTOR(S) EXT+ | 85 09 0E 00 00 00 01 00 00 01 AC 00 00 50 24 00

```
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
```



```

6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Generated output buffer to write:

```
WRITE MULTIPLE* | A1 0A 06 00 01 00 CA 00 50 C5 00 00
```

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |
20 20 57 52 49 54 45 20 4D 55 4C 54 49 50 4C 45 | WRITE MULTIPLE
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 | Thu Jul 30 2020
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           23:12:54.835
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
26 18 E6 15 EB 62 E8 C3 B0 EB 6E CD 38 70 ED 0F | &....b....n.8p..
8B 41 F3 9C 61 94 7C E9 FE 06 45 C7 05 AB 5E D3 | .A..a.|...E...^.
80 FB C8 9C 3A F1 D6 A8 84 AC 9A 19 17 78 2B 8F | .....:.....x+.
AD F2 F7 25 7E 3F 77 7F BE 0D 7A E1 40 4A 51 CD | ...%~?w□...z.@JQ.
E8 C8 A8 7D 0B D0 BD D6 60 36 CF 24 2B 84 F2 2D | ...}....`6.$+.-
C4 6B AD F7 1C D4 72 5A DE 64 F3 18 69 D4 E4 B4 | .k....rZ.d..i...
22 5E 8D 41 5F 25 D7 BF 89 D5 40 F3 08 F6 3D 22 | "^_A_%....@....="
BC 0C 17 B0 83 98 BF 20 8E 9A 9E 41 1D 90 68 37 | ..... A..h7
BF 1C F1 96 48 D2 93 BC 98 E0 16 2E 57 F7 B4 0F | ....H.....W...
D2 B8 2A 8F 90 12 E8 D9 52 C6 5E 58 8E 08 E1 E8 | ..*.....R.^X....
AB E7 44 D1 6F 83 12 08 7D AB EC 9F 54 71 B5 79 | ..D.o...}...Tq.y

```

```
9A D6 4E 7B B6 0F 29 F5 01 FE 87 F8 83 08 08 3E | ..N{..}.....>
A0 2C 69 68 8E 27 27 C0 F8 12 53 39 CF 93 54 49 | .,ih.''.S9..TI
7A D4 61 FB 7A 1E EE C4 46 62 E4 E7 56 21 48 92 | z.a.z...Fb..V!H.
```

Disk sector state after write:

```
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00
```

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,.S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R.....!T.....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b.....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | .p.□x1.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g.....
```

Date/time: 2020-07-30 11:12:55 PM
Command: WRITE MULTIPLE EXT*
85 0B 06 00 00 00 01 00 00 00 CA 00 00 50 39 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w...-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | .._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Generated output buffer to write:

```
WRITE MULTIPLE EXT* | 85 0B 06 00 00 00 01 00 00 00 CA 00 00 50 39 00
```

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           WR
49 54 45 20 4D 55 4C 54 49 50 4C 45 20 45 58 54 | ITE MULTIPLE EXT
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |           Thu Jul 30 2020
20 20 20 20 32 33 3A 31 32 3A 35 34 2E 39 39 31 |           23:12:54.991

```

```

2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
42 EA B0 3D 78 83 CB 81 84 5D 0C 0F F1 EE 08 D5 | B..=x....].....
72 47 D6 93 20 EE 34 D8 2F 48 AB A6 70 AA 9C F0 | rG.. .4./H..p...
94 A3 BF 9E 78 9E 0E 5C 86 D2 BA 4C 69 BE 0E 7A | ....x..\...Li..z
13 21 DB 8F 61 94 E7 AA E1 DB 6A F3 F9 F9 0A AF | !..a.....j.....
F4 93 FE EC B9 DB B3 2F B8 E3 15 8E C4 17 ED BB | ...../.....
66 D5 F0 66 6B D7 5C EC B2 52 53 D9 7F 95 D5 8C | f..fk.\..RS.□...
4F 16 7C 1D 7F 93 53 51 BB CC 85 32 09 80 2D 25 | O.|.□.SQ...2...-%
E1 26 FE FD AA 13 24 84 0D 86 6B 65 F2 C6 BF E6 | .&....$.ke....
26 CA FB 87 DF A1 7C B9 44 0E AC 7A 93 07 C6 69 | &.....|.D..z...i
10 10 24 A0 DF A2 47 FD EF 9D 6D 89 19 5E FC C3 | ..$.G...m..^..
8C 93 F2 66 C6 64 30 07 9D EB DB 8A 94 BB 29 DE | ...f.d0.....).
10 D9 2F FC 9F E9 BF 86 EE 7C C4 9F 0D 2D 34 C8 | ../.|...-4.
A9 19 8B DC F1 41 61 F9 23 6D 9D EC 8E B2 35 00 | .....Aa.#m....5.
92 8C 26 A5 D3 CC 7C 73 30 4C 16 62 3B 8A 81 44 | ..&...|s0L.b;..D

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.

```



```
20 20 20 20 20 20 34 32 39 35 30 31 31 33 32 38 | 4295011328
20 20 20 20 20 30 78 31 30 30 30 41 43 30 30 | 0x10000AC00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 | CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 | 2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 57 52 | WR
49 54 45 20 4D 55 4C 54 49 50 4C 45 20 45 58 54 | ITE MULTIPLE EXT
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 | Thu Jul 30 2020
20 20 20 20 32 33 3A 31 32 3A 35 35 2E 31 34 37 | 23:12:55.147
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
9D B4 A8 1F 0E C1 68 18 2C 9E 2A E1 E9 AC D5 D2 | .....h.,.*.....
67 6E 0C 58 8D 36 57 8C B5 D7 6F E9 49 41 C2 C1 | gn.X.6W...o.IA..
3B 2E A7 BE 49 6E 51 0E CE 79 F5 01 B7 31 47 BB | ;...InQ..y...lG.
43 1E 18 3F 2E 83 67 EB FD 93 1E CE 73 25 37 44 | C..?.g.....s%7D
64 2C 21 4F 0E 66 16 B3 8F 68 B6 AC 24 0B 9C 46 | d,!O.f...h..$.F
D4 62 C0 40 AA B6 56 02 22 3B 8B 76 E8 67 C1 61 | .b.@..V.";v.g.a
24 2E B7 0D C6 0E AA 50 3D 9D F8 5A ED A0 C7 BE | $......P=..Z....
52 3C A0 AA 37 54 B1 46 DB 42 FB 29 73 D1 2D 5B | R<..7T.F.B.)s.-[
D8 3A 7E D8 F0 0D B6 8C FD CC BF A4 66 1B 6A 59 | .:~.....f.jY
C2 32 C8 71 9B A7 BC 95 B8 9F 2E D1 EC 6E 77 D4 | .2.q.....nw.
35 D4 FE 38 1E CF 94 75 C7 2F 80 48 F5 66 E0 2C | 5..8...u./H.f.,
04 CC 3A AB B2 3D 6B AC 1A 4D D0 81 48 8D D3 56 | ..:..=k..M..H..V
BF 8C 37 54 F2 07 56 7B E5 FE 26 28 15 B4 B3 31 | ..7T..V{..&(....1
C6 1B 6C 94 EA 69 67 31 36 C9 89 6B 87 C0 27 4E | ..l..ig16..k...'N
```

Disk sector state after write:

```
READ SECTOR(S) EXT+ | 85 09 0E 00 00 00 01 00 00 01 AC 00 00 50 24 00
```

```
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
```



```
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
```

Date/time: 2020-07-30 11:12:55 PM
Command: WRITE VERIFY*
A1 0C 06 00 01 00 CA 00 50 3C 00 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:12:55 PM
Command: WRITE SECTOR(S) w/o retries*
A1 0C 06 00 01 00 CA 00 50 31 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`. :a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
```

```

46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./.....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....I1.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Generated output buffer to write:

WRITE SECTOR(S) w/o retries* | A1 0C 06 00 01 00 CA 00 50 31 00 00

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 57 52 49 54 45 20 53 45 43 54 4F |           WRITE SECTO
52 28 53 29 20 77 2F 6F 20 72 65 74 72 69 65 73 | R(S) w/o retries
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |           Thu Jul 30 2020
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           23:12:55.413
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |           Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
D3 FC 62 C6 F6 42 36 4E 05 0C BD 37 35 10 93 CC | ..b..B6N...75...
85 D4 4F 7E D8 F7 0E 43 82 0E 27 A9 71 B7 31 BC | ..O~...C..'q.l.
D3 C0 7D AC E2 59 B7 82 29 40 B8 B3 7E F1 47 F0 | ..}..Y..)@...~.G.
06 31 D5 FC 65 F6 F6 DF 0D 29 94 CE 3D 1F 28 97 | .l..e.....)..=(.
21 D5 7A EE 35 D6 2F 59 CB B8 20 34 5A 3F 4B F2 | !.z.5./Y.. 4Z?K.
FC F0 D5 A4 BB 43 6F 65 17 98 0F A6 DD BD 5B 9F | .....Coe.....[.
4C 2A 2B 39 03 21 04 C0 4A 7F F9 C7 BA C7 CA EE | L*+9.!..J□.....
35 D7 A7 86 49 39 07 41 76 78 E6 E2 5D 96 DF B1 | 5...I9.Avx..]...
59 D3 F2 00 11 87 EF 26 F4 BF DF C3 C0 41 C5 87 | Y.....&.....A..
EB C9 BB 78 2F 14 24 65 76 87 7E 7C 79 90 1F B1 | ...x/.$ev.~|y...
3F 09 CB 7A 5B B8 04 FE 12 CC 7F 3F 45 C6 11 DF | ?..z[.....□?E...
54 D0 13 92 40 F8 FE C8 57 A7 CD 2A 21 F7 58 05 | T...@...W...*!.X.
EB A5 BF 24 0E C9 21 C1 DA 1A 18 17 53 D3 D3 21 | ...$.!.....S...!

```

15 1C C4 B2 86 EB A4 E2 49 E0 5E 6B FC 7B 9B 18 |I.^k.{..

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....,.....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R.....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g.....
```

Date/time: 2020-07-30 11:12:55 PM
Command: WRITE MULTIPLE FUA EXT*
85 0B 06 00 00 00 01 00 00 00 CA 00 00 50 CE 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:12:55 PM

Command: WRITE MULTIPLE FUA EXT*+
85 0B 06 00 00 00 01 00 00 01 AC 00 00 50 CE 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:12:55 PM
Command: WRITE DMA w/o retries*
A1 0C 06 00 01 00 CA 00 50 CB 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04	|	..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07	|	..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F	|	....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00	|	.....,.....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E	|	.....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07	|	M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02	|	.....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01	|	j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04	|	]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00	|	..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16	|	.6...x\$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F	|	..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04	|	3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06	|	ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04	|	.Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E	|	F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F	|	./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11	|	.....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09	|	B.O..".....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16	|	..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E	|	□t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15	|	...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06	|	.....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16	|	...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17	|	R.....!T.....@.....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B	|	.c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C	|	..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17	|	...o.b.....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11	|	[...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08	|	.._p.□x1.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F	|	□..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05	|	.....g.....

Generated output buffer to write:

WRITE DMA w/o retries* | A1 0C 06 00 01 00 CA 00 50 CB 00 00

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 35 31 37 31 32 |           51712
20 20 20 20 20 20 20 20 20 20 20 30 78 43 41 30 30 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 57 52 49 54 45 |           WRITE
20 44 4D 41 20 77 2F 6F 20 72 65 74 72 69 65 73 73 |           DMA w/o retries
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 30 |           Thu Jul 30 2020
20 20 20 20 32 33 3A 31 32 3A 35 35 2E 37 38 38 38 |           23:12:55.788
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 20 |           Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
1C 9F D1 C0 03 87 E1 FD D5 7E 8D B0 CC C7 80 49 49 | .....~.....I
80 A8 10 A1 27 EE B5 C9 C1 41 44 54 C7 EE 6A 88 88 | ....'....ADT..j.
1D DB 12 21 EB BC 43 F1 3E 20 FD 23 60 21 C6 60 60 | ...!...C.> .#`!.`
D9 33 D4 23 2D CD 11 77 8F 02 EA E3 45 41 1C D4 D4 | .3.#-..w....EA..
EA C8 ED 34 47 06 96 88 6C F7 3D 50 D0 3A 47 63 63 | ...4G...l.=P.:Gc
20 E4 E0 1C 61 E1 89 93 CC 4A FD A4 4F 17 4D 90 90 | ...a....J..O.M.
AD 96 6E 71 C3 7D 31 56 BB 0D D8 AF D4 8E 2B 76 76 | ..nq.}1V.....+v
88 39 62 23 A3 AE 37 ED A7 AA 6D E7 8D 96 27 D7 D7 | .9b#..7...m...'.
AC 8B 66 8B F2 0D F2 E5 B0 F8 A0 6F 09 70 9F AE AE | ..f.....o.p..
EF BD CC 80 36 89 BA 4A 76 C7 6B 34 8D BA DB 3D 3D | ....6..Jv.k4...=
D4 80 E6 E3 CA F5 B9 35 6E EB 2B EF E8 03 57 99 99 | .....5n.+...W.
D4 16 54 32 C0 1B B6 E0 AF D7 6F C3 BE D1 1C 44 44 | ..T2.....o....D
37 E3 CB 13 23 C9 6B 36 41 26 50 C3 D8 BF 88 B3 B3 | 7...#.k6A&P.....
D9 7B 73 69 4F E3 D0 DD 6E 2A B5 86 76 FE 23 E6 E6 | .{siO...n*..v.#.

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 04 | 3...<.A.fS.P4...

```



```
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
```

Generated output buffer to write:

WRITE LOG EXT | 85 0B 06 00 00 00 01 00 80 00 01 00 00 10 3F 00

```
4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 33 38 34 |           384
20 20 20 20 20 20 20 20 20 20 20 20 30 78 31 38 30 |           0x180
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |
20 20 20 20 57 52 49 54 45 20 4C 4F 47 20 45 58 54 | WRITE LOG EXT
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 | Thu Jul 30 2020
20 20 20 20 32 33 3A 31 32 3A 35 35 2E 39 34 34 | 23:12:55.944
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
38 F3 9B 67 8F 27 C4 BC A8 EE A9 F2 06 C5 1C 10 | 8..g.'.....
E7 AE F2 98 E4 C9 6D B8 F1 03 2A B1 34 6C 29 25 | .....m...*.4l)%
31 83 09 23 29 69 7B 25 40 45 1E D6 B2 67 AA 4B | l..#)i{%@E...g.K
3F E1 B8 0D 8F 23 02 23 32 D0 DA F6 FE F0 55 37 | ?....#. #2.....U7
F6 12 43 23 75 11 8B 60 44 A5 83 BA E9 CC C1 72 | ..C#u..`D.....r
40 4F A3 8A 31 65 73 26 A0 B7 DD 66 65 D7 3D 68 | @O..les&...fe.=h
DB CE 5D 4D E3 EC AC E6 6E 03 1E EE D5 18 1B 79 | ..]M....n.....y
AD D1 4A EF CA 29 9B 52 26 96 3A 0B E2 CC FD 87 | ..J..)R&.:.....
92 B9 6F FA 8B DC DB E2 5C 27 36 BB C4 7F B2 09 | ..o.....\ '6..□..
2D 94 C6 90 05 1A 19 6D 14 9E 7A 65 18 10 76 97 | -.....m..ze..v.
B5 2C 15 F8 22 55 58 B4 8E 2C 1B D9 A8 4C 4B FE | ,... "UX...,...LK.
49 98 35 B3 29 F6 4D F1 9D 54 AD 6A C7 77 48 CE | I.5.) .M..T.j.wH.
3F 50 6D 87 08 E2 A5 6E 6C 82 99 77 96 5F E8 6A | ?Pm....nl..w.._j
72 B3 38 14 A7 92 DE 8C 58 14 E5 81 5A 69 5C 97 | r.8.....X...Zi\.
```

Disk sector state after write:

READ LOG EXT | 85 09 0E 00 00 00 01 00 80 00 01 00 00 10 2F 00

A1 0C 06 00 01 00 CA 00 50 CD 00 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:12:56 PM
Command: CFA WRITE SECTORS WITHOUT ERASE*
A1 0C 06 00 01 00 CA 00 50 38 00 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:12:56 PM
Command: CFA ERASE SECTORS
A1 06 06 00 01 00 CA 00 50 C0 00 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:12:56 PM
Command: WRITE STREAM DMA EXT*
85 0D 06 00 00 00 01 00 00 00 CA 00 00 50 3A 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:12:56 PM
Command: WRITE STREAM DMA EXT*+
85 0D 06 00 00 00 01 00 00 01 AC 00 00 50 3A 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:12:56 PM
Command: WRITE STREAM EXT
85 0B 06 00 00 00 01 00 00 00 CA 00 00 50 3B 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:12:56 PM
Command: WRITE STREAM EXT+
85 0B 06 00 00 00 01 00 00 01 AC 00 00 50 3B 00
Result: NOT SUPPORTED
Details: Command not supported on the drive.
N/A

Date/time: 2020-07-30 11:12:57 PM
Command: [SCSI] WRITE (6)*
0A 00 CA 00 01 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04	|	..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07	|	..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F	|	....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00	|	.....,.....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E	|	.....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07	|	M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02	|	.....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01	|	j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04	|	]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00	|	..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16	|	.6...x\$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F	|	..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04	|	3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06	|	ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04	|	.Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E	|	F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F	|	./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11	|	.....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09	|	B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16	|	..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E	|	□t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15	|	...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06	|	.....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16	|	...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17	|	R.....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B	|	.c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C	|	..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17	|	...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11	|	[...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08	|	.._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F	|	□..2...../...O.S.

C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 |g....

Generated output buffer to write:

[SCSI] WRITE (6)* | 0A 00 CA 00 01 00

```
4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 35 31 37 31 32 |           51712
20 20 20 20 20 20 20 20 20 20 30 78 43 41 30 30 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |
5B 53 43 53 49 5D 20 57 52 49 54 45 20 28 36 29 | [SCSI] WRITE (6)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |   Thu Jul 30 2020
20 20 20 20 32 33 3A 31 32 3A 35 37 2E 30 32 32 |           23:12:57.022
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |   Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
05 D3 AD 76 DF D5 AF B2 E7 F7 3B 64 62 45 5B A8 | ...v.....;dbE[.
E8 51 76 A1 74 E2 74 35 A0 71 BA 86 57 05 AF 29 | .Qv.t.t5.q..W..)
CD F9 F5 42 9A 23 A2 3D C7 59 09 B1 17 F6 71 96 | ...B.#.=.Y....q.
7B C7 C2 87 6B E6 88 0F 7D 20 D7 48 1B C4 E5 5A | {...k...} .H...Z
A1 06 FA 0D 33 56 F2 79 AE 53 81 23 FC B7 73 F5 | ....3V.y.S.#..s.
1E 65 12 ED C8 02 F7 72 E5 AA E5 22 C3 4A F1 91 | .e.....r..."J..
D8 8A 21 4F DB EE C5 9E 97 99 2E B7 B9 33 FB 12 | ..!O.....3...
0B 9B 38 F6 C3 2D F6 E2 F5 DC 25 7C 38 FC C0 A3 | ..8...-....%|8...
12 D1 2D 55 50 DF DF 76 3F 8F 00 40 79 0B CC 4C | ..-UP..v?..@y..L
C0 0B ED 99 19 55 5F 73 8E 35 34 94 E6 B5 64 7B | .....U_s.54...d{
AD 58 4B 40 CD 90 AE 63 A8 4F C7 E2 69 D2 C8 19 | .XK@...c.O..i...
04 0C 4F 21 87 DC AD CE 52 67 1B F7 3E 44 91 17 | ..O!....Rg...>D..
D0 CC 09 84 96 DB BD D5 19 26 BE 99 BD 90 F7 80 | .....&.....
D9 26 DC AC D2 17 04 32 A9 5C C1 0D B4 69 A4 89 | .&.....2.\...i..
```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{...I.
```

```

E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....I1.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(..y}.
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w.-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g.....

```

```

-----
Date/time: 2020-07-30 11:12:57 PM
Command: [SCSI] WRITE (12)*
        AA 06 00 00 CA 00 00 00 01 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

```

```

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...

```

```

BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....I1.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Generated output buffer to write:

```
[SCSI] WRITE (12)* | AA 06 00 00 CA 00 00 00 00 01 00 00
```

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           [
53 43 53 49 5D 20 57 52 49 54 45 20 28 31 32 29 | SCSI] WRITE (12)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |   Thu Jul 30 2020
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           23:12:57.193
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |   Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
1F 94 01 46 BE 83 E1 DE FB 91 D0 91 12 C4 CC 66 | ...F.....f
97 93 0F 1F 3F A9 8E B3 49 26 83 66 F8 C7 D1 80 | ....?....I&.f....
4B 6B BE 52 2C DE 5B 00 F8 7D 74 36 96 7B 0D 5D | Kk.R,..[...}t6.{.]
4B 66 21 54 3C 3A 37 50 35 9B 87 75 9C 89 B7 B4 | Kf!T<:7P5..u....
BE 97 F3 0F 43 0C 68 3F 83 74 D7 7A 20 7D 63 36 | ....C.h?.t.z }c6
EE A6 B1 B7 38 2F 11 C4 55 B9 44 C9 A0 93 8A 54 | .....8/..U.D....T
57 23 A1 99 CB D7 48 02 96 2A 02 EB 22 8C 23 15 | W#....H...*...".#.
B8 D1 EA E8 F3 64 25 95 BD 64 29 35 34 7A A9 E4 | .....d%.d)54z..
A4 7D 1D 92 01 2F 4F EB DE 34 CA 1D 85 12 B4 60 | .}.../O..4.....`
92 48 4A 8B A5 DB 8F 8B B5 E5 7A 0B 76 F9 86 2E | .HJ.....z.v...
EB 79 8E A1 90 27 E2 69 3D 10 61 26 A6 99 95 43 | .y...'.i=.a&...C
9C 4E 24 C8 75 B9 84 33 39 EA CE 25 80 6D 27 BD | .N$.u..39..%.m'.
24 4B 72 6E 1E 75 7F 27 C7 1C 47 A0 53 52 55 2D | $Krn.u□'..G.SRU-
28 0B 9E 49 00 46 46 DB 76 07 14 5F DB 59 A6 E5 | (...I.FF.v..._.Y..

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.a{.I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w...-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R.....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b...□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....
```

Date/time: 2020-07-30 11:12:57 PM

Command: [SCSI] WRITE (32)*

7F 00 00 00 00 00 00 18 00 0B 06 00 00 00 00 00 00 00 00 CA 00 00 00 00 00 00
00 00 00 00 00 01

Result: NOT SUPPORTED

Details: Drive does not support extended SCSI request blocks.
N/A

Date/time: 2020-07-30 11:12:57 PM

Command: [SCSI] WRITE (32)*+

7F 00 00 00 00 00 00 18 00 0B 06 00 00 00 00 01 00 00 AC 00 00 00 00 00 00
00 00 00 00 00 01
Result: NOT SUPPORTED
Details: Drive does not support extended SCSI request blocks.
N/A

Date/time: 2020-07-30 11:12:57 PM
Command: [SCSI] WRITE AND VERIFY (10)
2E 00 00 00 CA 00 00 00 01 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04	|	..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07	|	..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F	|	....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00	|	.....,.....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E	|	.....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07	|	M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02	|	.....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01	|	j....%. ....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04	|	]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00	|	..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16	|	.6...x\$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F	|	..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04	|	3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06	|	ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04	|	.Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E	|	F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F	|	./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11	|	.....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09	|	B.O..". ....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16	|	..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E	|	□t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15	|	...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06	|	.....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16	|	...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17	|	R.....!T.....@.....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B	|	.c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C	|	..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17	|	...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11	|	[...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08	|	.._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F	|	□..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05	|	.....g.....

Generated output buffer to write:

[SCSI] WRITE AND VERIFY (10) | 2E 00 00 00 CA 00 00 00 01 00

```
4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 35 31 37 31 32 |           51712
20 20 20 20 20 20 20 20 20 20 30 78 43 41 30 30 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 5B 53 43 53 49 5D 20 57 52 49 54 45 |           [SCSI] WRITE
20 41 4E 44 20 56 45 52 49 46 59 20 28 31 30 29 |           AND VERIFY (10)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |           Thu Jul 30 2020
20 20 20 20 32 33 3A 31 32 3A 35 37 2E 35 36 38 |           23:12:57.568
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |           Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
E7 38 EF BF CA C8 8C 0E 4B 83 9F 8B AA FB B9 E1 | .8.....K.....
92 67 50 42 0E A0 B6 3A 88 59 20 11 D0 7D 0B CC | .gPB...:Y ..}..
94 86 D4 C7 B4 41 E6 6F 0E 5D B9 26 78 2B 0D 4D | .....A.o.]&x+.M
20 E8 20 7A 05 90 52 E7 37 F4 5E 8A A4 2B AB F1 | . z..R.7.^..+..
09 8A 67 54 D4 3C CE 6E 24 34 F5 17 15 F8 DF 28 | ..gT.<.n$4.....(
91 1A BC 2F 5E CC 2B F2 8A 6A 33 C7 12 EC 7C 45 | .../^..+...j3...|E
B8 8F E5 52 0D 33 76 18 88 38 E0 D3 3D D3 83 9C | ...R.3v..8..=...
0C 33 A4 84 4E D9 55 C2 EF 95 30 B8 63 FA F0 0B | .3..N.U...0.c...
F7 35 8F 1E E2 B4 D0 2C 99 6D 8B 4A 4D C0 8E 88 | .5....., .m.JM...
17 3C 5A 93 AC 50 27 70 B5 A5 67 42 0C 23 42 B9 | .<Z..P'p..gB.#B.
80 F0 2A 0A 80 E2 98 9F 1A 2F 8D D6 4A D5 DC FC | ..*...../..J...
1C 93 64 67 F4 5C 3C 4B 12 1B F1 3F 1E 47 6C FC | ..dg.\<K...?.Gl.
6F 88 7E 5D B3 74 C9 9A AF A7 7F 4D D8 3E 0A 3F | o.~].t....M.>.?
EC 6A 4E 80 C8 3E 72 D6 1B 4F 6B 7A D4 5C 2E B4 | .jN..>r..Okz.\..
```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
```

```

6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R.....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

-----
Date/time: 2020-07-30 11:12:57 PM
Command: [SCSI] WRITE AND VERIFY (12)
         AE 04 00 00 CA 00 00 00 01 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

```

```

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.

```

```

7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g.....

```

Generated output buffer to write:

[SCSI] WRITE AND VERIFY (12) | AE 04 00 00 CA 00 00 00 00 01 00 00

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           [SCSI] WRITE
20 41 4E 44 20 56 45 52 49 46 59 20 28 31 32 29 |           AND VERIFY (12)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |           Thu Jul 30 2020
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           23:12:57.725
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |           Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
0C 24 F5 95 10 03 FD 4B 2C EE 77 BA A6 8B 49 DA | .$. . . . .K, .w. . . .I.
54 E0 14 EC 55 2D 7C 22 62 92 F3 E6 49 34 AE F5 | T. . . .U-|"b. . . .I4..
FB 91 6A AF 5E 34 A7 E7 AC 0B F8 1B 23 FD 0E C6 | ..j.^4. . . . .#. . . .
50 0D 9D 51 A9 A1 57 B7 D2 47 F3 75 31 7E 99 DB | P. . . .Q. . . .W. . . .G.u.l~. .
B8 EA A5 4E 12 6C 9A 8A 7C 14 AB 08 0D E3 BF 0F | . . . .N.l. . . | . . . . .
BE 46 DB 01 D9 4A 43 89 BE F4 4E A9 0B 3F 3C 4F | .F. . . .JC. . . .N. . . .?<O
28 1B 88 F1 43 00 FA 61 2F EB 84 45 3C 59 2A 74 | (. . . .C. . . .a/. . . .E<Y*t
FD 89 78 21 98 2E CE 8A 73 50 80 2A 08 03 0E 90 | . . . .x! . . . . .sP. * . . . .
A5 31 86 60 BF 26 43 20 CC 1B 0C 5B 3A 5F 6C 3B | .1. . . .`.&C . . . .[:_l;
E6 78 31 99 4C 36 DF AC 32 35 9B DF 8D 3C 55 E6 | .x.l.L6. . . .25. . . .<U.
81 60 26 25 0A 7A C0 7D D2 4D DD 13 45 5B 77 2B | . . . .`&% .z. . . .}.M. . . .E[w+
BE D5 D6 16 91 AF AB 6B B1 A0 C8 77 B3 42 AF 1B | . . . . . . . . .k. . . .w.B. .
7D 7E 03 0D 56 FC 96 B3 2F 52 AA FD 50 92 95 8E | }~. . . .V. . . ./R. . . .P. . .
44 0C CD 87 37 CA BE 41 1D B5 BF 61 C5 4F 8E 7A | D. . . .7. . . .A. . . .a.O.z

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w...-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | .._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

-----
Date/time: 2020-07-30 11:12:58 PM
Command: [SCSI] WRITE AND VERIFY (16)
          8E 00 00 00 00 00 00 CA 00 00 00 00 01 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

```

```

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..

```

```

9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R.....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Generated output buffer to write:

[SCSI] WRITE AND VERIFY (16) | 8E 00 00 00 00 00 00 00 CA 00 00 00 00 01 00 00

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 35 31 37 31 32 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 30 78 43 41 30 30 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 5B 53 43 53 49 5D 20 57 52 49 54 45 | [SCSI] WRITE
20 41 4E 44 20 56 45 52 49 46 59 20 28 31 36 29 | AND VERIFY (16)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 | Thu Jul 30 2020
20 20 20 20 32 33 3A 31 32 3A 35 37 2E 38 38 31 |           23:12:57.881
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
28 F6 BF 3C 9B 24 E1 8A 00 DF 15 FC 60 88 E4 A2 | (...<.$.....`...
BB 67 F6 E3 13 08 B3 11 92 D4 59 44 B4 B1 EC 92 | .g.....YD....
90 39 60 31 9C 61 DF 1A AE 31 19 4E 76 C3 F0 B1 | .9`1.a...1.Nv...
B6 3B 81 BA 8C F5 48 E2 F5 16 E3 87 E9 2F 51 3E | .;.....H...../Q>

```

```

43 34 7B 3D 40 77 90 62 54 41 F0 F1 A7 F5 B9 1D | C4{=@w.bTA.....
5F B0 9E 6F A9 4D 2D 1C 92 62 AD 6B 21 00 AD 27 | _..o.M-..b.k!..'
55 52 F7 4D 63 6E 76 71 E1 62 C9 84 3D E2 99 78 | UR.Mcnavq.b..=..x
23 23 61 ED 40 A8 33 EE 70 BC CB 4D DD B9 65 40 | ##a.@.3.p..M..e@
0C 5F 90 50 D7 F4 AC 1D 79 48 22 A6 F6 6F 7F 16 | ._.P....yH"..o.
A3 CE 2C AA 1B C6 BC D0 CF 0D AA 91 18 92 EF 41 | ..,.....A
62 8B 54 3A 61 5B DE FB F2 8D CD FD 84 A4 6B 91 | b.T:a[.....k.
33 58 38 97 7A 8A 41 FB 9F 1E 85 1D BC 68 DB A5 | 3X8.z.A.....h..
86 6B A4 03 BA 16 51 6B DA 2E 75 B1 0F 32 75 45 | .k....Qk..u..2uE
DB 44 92 31 8F 7A 4D EF 86 9F 6F DB AA B9 C7 2B | .D.l.zM...o....+

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....,.....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Date/time: 2020-07-30 11:12:58 PM
Command: [SCSI] WRITE AND VERIFY (16)+


```
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
```

```
-----
Date/time: 2020-07-30 11:12:58 PM
Command: [SCSI] WRITE AND VERIFY (32)
        7F 00 00 00 00 00 00 18 00 0C 00 00 00 00 00 00 00 CA 00 00 00 00 00 00
00 00 00 00 00 00 01
Result: NOT SUPPORTED
Details: Drive does not support extended SCSI request blocks.
        N/A
```

```
-----
Date/time: 2020-07-30 11:12:58 PM
Command: [SCSI] WRITE AND VERIFY (32)+
        7F 00 00 00 00 00 00 18 00 0C 00 00 00 00 00 01 00 00 AC 00 00 00 00 00 00
00 00 00 00 00 00 01
Result: NOT SUPPORTED
Details: Drive does not support extended SCSI request blocks.
        N/A
```

```
-----
Date/time: 2020-07-30 11:12:58 PM
Command: [SCSI] WRITE LONG (10)
        3F 00 00 00 CA 00 00 00 01 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.
```

```
Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00
```

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z...
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{...I.
```

```

E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....I1.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w.-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g.....

```

Generated output buffer to write:

[SCSI] WRITE LONG (10) | 3F 00 00 00 CA 00 00 00 01 00

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |          51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |          0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |          CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |          2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |          [SCSI]
20 57 52 49 54 45 20 4C 4F 4E 47 20 28 31 30 29 |          WRITE LONG (10)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |          Thu Jul 30 2020
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |          23:12:58.412
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |          Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
CB 64 26 19 3E A7 A8 50 78 13 03 49 F0 FE 1F 1A | .d&.>..Px..I....
2B E1 6D CA CE 45 7F 4B 58 17 B9 B2 E4 00 4C AF | +.m..E□KX.....L.
00 DE DD C5 76 14 AE 3D 0C 37 99 72 26 E4 2A 62 | ...v..=.7.r&.*b
B9 3A 3C 90 22 BB 61 BB 94 26 6E 77 EB 7B 73 8F | .:<."a.&nw.{s.
FD BF 91 E4 A6 B1 59 16 4B 86 AF AC FB 66 65 99 | .....Y.K....fe.
70 AF 79 C0 8E C9 41 60 B6 FC D3 06 FB 2C 8B EC | p.y...A`.....,...
0B 57 76 75 EC C4 FA 87 56 41 9B 15 3C 4B 14 99 | .Wvu....VA..<K..
E7 99 BC 37 27 5F F0 5E 71 2A 63 95 8E 44 99 5B | ...7'_.^q*c..D.[

```

```

91 07 06 2E 4B E5 67 2F 6D 40 F5 7D 90 B1 7C 2E | ....K.g/m@.}...|.
D9 E4 60 83 DD BF 49 4D 97 4E 59 11 81 CD A7 DE | ..`...IM.NY.....
9F 45 FC 75 29 82 7A A0 79 EE 9E EB 0A 0B 69 96 | .E.u).z.y.....i.
A7 11 82 65 0D 81 A5 3B 24 9E B4 98 15 A2 BF 72 | ...e...i$......r
67 1C DC E8 50 DA 8F E2 04 4C 36 1A 1A 1F A9 88 | g...P...L6.....
D5 32 89 D5 70 0E 65 28 B2 65 3A 7F EF F2 F4 04 | .2..p.e(.e:[]....

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,.S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | []t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w...-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...[].....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....[].....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | .._p.[]xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | []..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Date/time: 2020-07-30 11:12:58 PM
Command: [SCSI] WRITE LONG (16)
 9F 11 00 00 00 00 CA 00 00 00 01 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

Disk sector state before write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.a{.I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r#.8....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w...-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R.....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b.....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....
```

Generated output buffer to write:

[SCSI] WRITE LONG (16) | 9F 11 00 00 00 00 00 00 CA 00 00 00 00 01 00 00

```
4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 35 31 37 31 32 |           51712
20 20 20 20 20 20 20 20 20 20 20 30 78 43 41 30 30 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 5B 53 43 53 49 5D |           [SCSI]
20 57 52 49 54 45 20 4C 4F 4E 47 20 28 31 36 29 |           WRITE LONG (16)
```

```

44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |   Thu Jul 30 2020
20 20 20 20 32 33 3A 31 32 3A 35 38 2E 35 36 38 |         23:12:58.568
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |   Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
E7 38 EF BF CA C8 8C 0E 4B 83 9F 8B AA FB B9 E1 | .8.....K.....
92 67 50 42 0E A0 B6 3A 88 59 20 11 D0 7D 0B CC | .gPB...:Y ..}..
94 86 D4 C7 B4 41 E6 6F 0E 5D B9 26 78 2B 0D 4D | .....A.o.].&x+.M
20 E8 20 7A 05 90 52 E7 37 F4 5E 8A A4 2B AB F1 | . z..R.7.^..+..
09 8A 67 54 D4 3C CE 6E 24 34 F5 17 15 F8 DF 28 | ..gT.<.n$4.....(
91 1A BC 2F 5E CC 2B F2 8A 6A 33 C7 12 EC 7C 45 | .../^..+..j3...|E
B8 8F E5 52 0D 33 76 18 88 38 E0 D3 3D D3 83 9C | ...R.3v..8..=...
0C 33 A4 84 4E D9 55 C2 EF 95 30 B8 63 FA F0 0B | .3..N.U...0.c...
F7 35 8F 1E E2 B4 D0 2C 99 6D 8B 4A 4D C0 8E 88 | .5....., .m.JM...
17 3C 5A 93 AC 50 27 70 B5 A5 67 42 0C 23 42 B9 | .<Z..P'p'..gB.#B.
80 F0 2A 0A 80 E2 98 9F 1A 2F 8D D6 4A D5 DC FC | ..*...../..J...
1C 93 64 67 F4 5C 3C 4B 12 1B F1 3F 1E 47 6C FC | ..dg.\<K...?.Gl.
6F 88 7E 5D B3 74 C9 9A AF A7 7F 4D D8 3E 0A 3F | o.~].t....M.>.?
EC 6A 4E 80 C8 3E 72 D6 1B 4F 6B 7A D4 5C 2E B4 | .jN..>r..Okz.\..

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....

```


[SCSI] WRITE LONG (16)+ | 9F 11 00 00 00 01 00 00 AC 00 00 00 00 01 00 00

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 34 32 39 35 30 31 31 33 32 38 |         4295011328
20 20 20 20 20 30 78 31 30 30 30 30 41 43 30 30 |         0x10000AC00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 |         CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |         2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 5B 53 43 53 49 5D |         [SCSI]
20 57 52 49 54 45 20 4C 4F 4E 47 20 28 31 36 29 |         WRITE LONG (16)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 |         Thu Jul 30 2020
20 20 20 20 32 33 3A 31 32 3A 35 38 2E 37 32 34 |         23:12:58.724
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 |         Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
83 8B 3A E7 56 E8 70 4D 9F 74 BC CC 63 7A 55 28 | ...V.pM.t..czU(
FA 6E 33 B9 CB 7B ED 29 B8 9B 86 6E 3D 7C C9 69 | .n3..{.})...n=|.i
A8 2E CA 48 F2 EE 1F A2 8F 83 D9 59 CA F0 F0 38 | ...H.....Y...8
85 17 04 E3 67 E4 42 13 5A 44 CD 9D DE DA E4 D3 | ....g.B.ZD.....
94 D4 BC C4 03 47 C4 47 FB 61 3B 01 AE 0B D9 B5 | .....G.G.a;.....
33 84 80 9C 2D 50 15 85 5E 58 92 89 28 AD 6D 1D | 3...-P..^X..(.m.
E6 47 D4 AD 2D A2 F1 28 3B AD 26 13 3E 5D 73 1F | .G...-..(;.&.>]s.
31 4C 8D D1 75 54 39 A6 6E 82 7B DB B9 31 48 3A | lL..uT9.n.{..lH:
5E 64 99 8D F9 84 B9 29 45 9B 22 95 0A CF A1 E2 | ^d.....)E.".....
D3 13 55 A4 7B E0 84 94 53 7C 76 F4 95 79 DD 14 | ..U.{...S|v..y..
61 9C 58 20 D7 C3 B6 1F 3A 6F FC C0 89 1F CF 62 | a.X .....:o.....b
91 15 46 E8 5E 37 51 DC 7F 98 AF E5 A6 EC 97 87 | ..F.^7Q.□.....
78 F4 A0 D2 98 8D 85 53 D9 83 C8 01 97 DC EA F5 | x.....S.....
05 A2 12 2A 21 EC 80 85 05 39 1B 75 B8 C6 E7 66 | ...*!....9.u...f

```

Disk sector state after write:

READ SECTOR(S) EXT+ | 85 09 0E 00 00 00 01 00 00 01 AC 00 00 50 24 00

```

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....

```



```

D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g.....

```

Generated output buffer to write:

[SCSI] WRITE SAME (10) | 41 00 00 00 CA 00 00 00 01 00

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           [SCSI]
20 57 52 49 54 45 20 53 41 4D 45 20 28 31 30 29 | WRITE SAME (10)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 | Thu Jul 30 2020
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           23:12:58.881
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
28 F6 BF 3C 9B 24 E1 8A 00 DF 15 FC 60 88 E4 A2 | (...<.$.....`...
BB 67 F6 E3 13 08 B3 11 92 D4 59 44 B4 B1 EC 92 | .g.....YD....
90 39 60 31 9C 61 DF 1A AE 31 19 4E 76 C3 F0 B1 | .9`l.a...l.Nv...
B6 3B 81 BA 8C F5 48 E2 F5 16 E3 87 E9 2F 51 3E | .;....H...../Q>
43 34 7B 3D 40 77 90 62 54 41 F0 F1 A7 F5 B9 1D | C4{=@w.bTA.....
5F B0 9E 6F A9 4D 2D 1C 92 62 AD 6B 21 00 AD 27 | ..o.M-.b.k!..'
55 52 F7 4D 63 6E 76 71 E1 62 C9 84 3D E2 99 78 | UR.Mcnvq.b..=..x
23 23 61 ED 40 A8 33 EE 70 BC CB 4D DD B9 65 40 | ##a.@.3.p..M..e@
0C 5F 90 50 D7 F4 AC 1D 79 48 22 A6 F6 6F 7F 16 | ._.P....yH"..o□.
A3 CE 2C AA 1B C6 BC D0 CF 0D AA 91 18 92 EF 41 | ..,.....A
62 8B 54 3A 61 5B DE FB F2 8D CD FD 84 A4 6B 91 | b.T:a[.....k.
33 58 38 97 7A 8A 41 FB 9F 1E 85 1D BC 68 DB A5 | 3X8.z.A.....h..
86 6B A4 03 BA 16 51 6B DA 2E 75 B1 0F 32 75 45 | .k....Qk..u..2uE
DB 44 92 31 8F 7A 4D EF 86 9F 6F DB AA B9 C7 2B | .D.l.zM...o....+

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.a{.I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r#.8....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | .._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

-----
Date/time: 2020-07-30 11:12:59 PM
Command: [SCSI] WRITE SAME (16)
          93 00 00 00 00 00 00 CA 00 00 00 00 01 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.

```

```

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..

```

```

6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.a{.I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(y}.
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....w.-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Generated output buffer to write:

```
[SCSI] WRITE SAME (16) | 93 00 00 00 00 00 00 00 CA 00 00 00 00 01 00 00
```

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           [SCSI]
20 57 52 49 54 45 20 53 41 4D 45 20 28 31 36 29 | WRITE SAME (16)
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 | Thu Jul 30 2020
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           23:12:59.037
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
83 C0 B7 1F 32 62 FD 21 A7 A0 33 50 59 47 32 9E | ....2b.!...3PYG2.
B0 0E 2C A8 81 4E 57 C4 19 E3 1D 09 8D C9 13 E3 | ...NW.....
37 C3 C7 51 6D 31 23 4C F6 58 54 03 C3 B5 2A 72 | 7..Qml#L.XT...*r
E5 38 3D 6A D9 E4 47 24 12 CC 97 62 E2 D9 7E 52 | .8=j..G$.b..~R
B3 CC 9E 9F 94 01 F2 E6 AB 47 92 8F 06 6A 68 A8 | .....G...jh.

```

```

CD BB 6E 49 68 2C 27 32 01 4B E5 08 8A 53 1A 7C | ..nIh,'2.K...S.|
2A EA B2 3D AB 68 CC F0 64 33 BC AC 21 83 33 12 | *...=.h..d3...!.3.
93 39 02 1C CC E9 C0 31 BF F8 DD 12 5E 44 D2 35 | .9.....1.....^D.5
3E 4F 13 A2 68 60 E5 EE 32 07 35 D0 C8 03 A2 06 | >O..h`..2.5.....
D5 F0 4F 7B D6 4B B2 68 18 0F EB D9 EB A3 EB 53 | ..O{.K.h.....S
0B CC 60 8B 39 46 C4 E9 1D CF 72 BB 66 4F A2 DD | ..`.9F....r.fO..
27 CB 42 C6 0C DD ED 22 CB EE 12 7E 77 C7 FA 33 | '.B...."....~w..3
1C DE 50 F8 BA DB 45 ED 9D C0 FD 6D 95 34 F4 76 | ..P...E....m.4.v
10 D2 D9 9F A7 17 38 2D 8C 1C E2 E4 F6 EE 6D 35 | .....8-.....m5

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r.v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,.S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□x1.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Date/time: 2020-07-30 11:12:59 PM

Command: [SCSI] WRITE SAME (16)+

93 00 00 00 00 01 00 00 AC 00 00 00 01 00 00


```
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
```

```
-----
Date/time: 2020-07-30 11:12:59 PM
Command: [SCSI] WRITE SAME (32)
          7F 00 00 00 00 00 00 18 00 0D 00 00 00 00 00 00 00 00 CA 00 00 00 00 00 00
00 00 00 00 00 00 01
Result: NOT SUPPORTED
Details: Drive does not support extended SCSI request blocks.
        N/A
```

```
-----
Date/time: 2020-07-30 11:12:59 PM
Command: [SCSI] WRITE SAME (32)+
          7F 00 00 00 00 00 00 18 00 0D 00 00 00 00 00 01 00 00 AC 00 00 00 00 00 00
00 00 00 00 00 00 01
Result: NOT SUPPORTED
Details: Drive does not support extended SCSI request blocks.
        N/A
```

```
-----
Date/time: 2020-07-30 11:12:59 PM
Command: WRITE LONG w/ retries*
          A1 0C 06 00 01 00 CA 00 50 32 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected (write unsuccessful).
```

```
Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00
```

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
```



```

DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...1.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....I1.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w...-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.1.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

Generated output buffer to write:

```
WRITE LONG w/ retries* | A1 0C 06 00 01 00 CA 00 50 32 00 00
```

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           WRITE
20 4C 4F 4E 47 20 77 2F 20 72 65 74 72 69 65 73 | LONG w/ retries
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 | Thu Jul 30 2020
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           23:12:59.568
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
E7 38 EF BF CA C8 8C 0E 4B 83 9F 8B AA FB B9 E1 | .8.....K.....
92 67 50 42 0E A0 B6 3A 88 59 20 11 D0 7D 0B CC | .gPB...:Y ..}..
94 86 D4 C7 B4 41 E6 6F 0E 5D B9 26 78 2B 0D 4D | .....A.o.].&x+.M
20 E8 20 7A 05 90 52 E7 37 F4 5E 8A A4 2B AB F1 | . z..R.7.^..+..
09 8A 67 54 D4 3C CE 6E 24 34 F5 17 15 F8 DF 28 | ..gT.<.n$4.....(
91 1A BC 2F 5E CC 2B F2 8A 6A 33 C7 12 EC 7C 45 | .../^..+..j3...|E
B8 8F E5 52 0D 33 76 18 88 38 E0 D3 3D D3 83 9C | ...R.3v..8..=...
0C 33 A4 84 4E D9 55 C2 EF 95 30 B8 63 FA F0 0B | .3..N.U...0.c...
F7 35 8F 1E E2 B4 D0 2C 99 6D 8B 4A 4D C0 8E 88 | .5....., .m.JM...

```

```

17 3C 5A 93 AC 50 27 70 B5 A5 67 42 0C 23 42 B9 | .<Z..P'p..gB.#B.
80 F0 2A 0A 80 E2 98 9F 1A 2F 8D D6 4A D5 DC FC | ..*...../..J...
1C 93 64 67 F4 5C 3C 4B 12 1B F1 3F 1E 47 6C FC | ..dg.\<K...?.Gl.
6F 88 7E 5D B3 74 C9 9A AF A7 7F 4D D8 3E 0A 3F | o.~].t....M.>.?
EC 6A 4E 80 C8 3E 72 D6 1B 4F 6B 7A D4 5C 2E B4 | .jN..>r..Okz.\..

```

Disk sector state after write:

```
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00
```

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w...-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R.....!T.....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....

```

```

-----
Date/time: 2020-07-30 11:12:59 PM
Command: WRITE LONG w/o retries*
        A1 0C 06 00 01 00 CA 00 50 33 00 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected (write unsuccessful).

```

Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,.S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.a{.I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r#.8....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O.."....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p.□xl.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | □..2...../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....
```

Generated output buffer to write:
WRITE LONG w/o retries* | A1 0C 06 00 01 00 CA 00 50 33 00 00

```
4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           51712
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |           WRITE
4C 4F 4E 47 20 77 2F 6F 20 72 65 74 72 69 65 73 | LONG w/o retries
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 | Date-time:
```

```

20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 | Thu Jul 30 2020
20 20 20 20 32 33 3A 31 32 3A 35 39 2E 35 36 38 | 23:12:59.568
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 | Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
E7 38 EF BF CA C8 8C 0E 4B 83 9F 8B AA FB B9 E1 | .8.....K.....
92 67 50 42 0E A0 B6 3A 88 59 20 11 D0 7D 0B CC | .gPB...:Y ..}..
94 86 D4 C7 B4 41 E6 6F 0E 5D B9 26 78 2B 0D 4D | .....A.o.].&x+.M
20 E8 20 7A 05 90 52 E7 37 F4 5E 8A A4 2B AB F1 | . z..R.7.^...+..
09 8A 67 54 D4 3C CE 6E 24 34 F5 17 15 F8 DF 28 | ..gT.<.n$4.....(
91 1A BC 2F 5E CC 2B F2 8A 6A 33 C7 12 EC 7C 45 | .../^...+...j3...|E
B8 8F E5 52 0D 33 76 18 88 38 E0 D3 3D D3 83 9C | ...R.3v..8..=...
0C 33 A4 84 4E D9 55 C2 EF 95 30 B8 63 FA F0 0B | .3..N.U...0.c...
F7 35 8F 1E E2 B4 D0 2C 99 6D 8B 4A 4D C0 8E 88 | .5....., .m.JM...
17 3C 5A 93 AC 50 27 70 B5 A5 67 42 0C 23 42 B9 | .<Z..P'p..gB.#B.
80 F0 2A 0A 80 E2 98 9F 1A 2F 8D D6 4A D5 DC FC | ..*...../..J...
1C 93 64 67 F4 5C 3C 4B 12 1B F1 3F 1E 47 6C FC | ..dg.\<K...?.Gl.
6F 88 7E 5D B3 74 C9 9A AF A7 7F 4D D8 3E 0A 3F | o.~].t....M.>.?
EC 6A 4E 80 C8 3E 72 D6 1B 4F 6B 7A D4 5C 2E B4 | .jN..>r..Okz.\..

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,...S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(..y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | □t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG...□.....
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b....□.....
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..

```

```
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p. x1.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | ..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....
```

```
-----
Date/time: 2020-07-30 11:12:59 PM
Command: WRITE UNCORRECTABLE EXT*
      85 07 06 00 5A 00 01 00 00 00 CA 00 00 50 45 00
Result: SECTOR UNMODIFIED
Details: No changes to sector detected.
```

```
Disk sector state before write:
[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00
```

```
87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F | ....SP..].z.@...
00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | ...../.....
00 00 94 01 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 | .Q4.ME..5....}2.
46 C1 23 EC B8 8A F1 1F 28 78 E1 3C 45 BB 0B 0E | F.#.....(x.<E...
05 2F 88 EB F7 D8 36 03 E0 85 EE E5 5A E5 CD 1F | ./....6.....Z...
BC D0 CD 19 B4 49 6C 02 17 BA DB 9A 4F 7C 97 11 | .....Il.....O|..
42 F7 4F 16 1C 22 EC 00 E8 FE 28 87 1B 79 5D 09 | B.O..".....(.y].
DD 1F 71 F1 8E EB F5 02 FB A3 3F 4E B9 44 62 16 | ..q.....?N.Db.
7F 74 CA 57 77 A1 8C 19 8F CE B9 B0 49 E8 2E 0E | t.Ww.....I...
D1 B9 CF 4E AC 04 CA 1B 3A 77 F1 AC 2D 19 9A 15 | ...N.....:w..-...
E7 2E 01 FA AC 6C 32 12 DC A5 CC 07 95 D0 80 06 | .....l2.....
BB 94 0B 4E 2C 96 89 1A 97 F2 63 BF BF 0B 98 16 | ...N,.....c.....
52 FE A0 FE C5 21 54 05 CA 1F AB 40 E8 84 85 17 | R....!T....@....
F9 63 30 78 47 90 82 14 7F 8C 09 BD F0 95 FB 0B | .c0xG... ..
8F B1 61 51 39 14 40 1A 31 B6 64 51 D6 59 54 1C | ..aQ9.@.l.dQ.YT.
C6 16 14 6F 88 62 B6 19 D8 82 7F 02 C7 94 DC 17 | ...o.b.... ..
5B F0 E3 1E 59 11 80 16 0B FE AE 2B B9 72 E0 11 | [...Y.....+r..
C1 5F 70 A6 7F 78 6C 14 F8 8B ED C4 D7 BB 54 08 | ._p. x1.....T.
7F B1 A1 32 04 B5 E6 18 2F B6 94 AD 4F BD 53 0F | ..2..../...O.S.
C5 16 9B 9A DF A0 CB 1E D8 E2 F0 67 CE A6 8C 05 | .....g....
```

```
Generated output buffer to write:
WRITE UNCORRECTABLE EXT* | 85 07 06 00 5A 00 01 00 00 00 CA 00 00 50 45 00
```

```

4C 42 41 3A 20 20 20 20 20 20 20 20 20 20 20 20 | LBA:
20 20 20 20 20 20 20 20 20 20 20 20 35 31 37 31 32 |           51712
20 20 20 20 20 20 20 20 20 20 20 30 78 43 41 30 30 |           0xCA00
57 72 69 74 74 65 6E 20 62 79 3A 20 20 20 20 20 20 | Written by:
20 20 20 20 20 20 20 20 20 20 20 20 43 52 55 20 20 |           CRU
57 72 69 74 65 42 6C 6F 63 6B 69 6E 67 20 56 61 61 | WriteBlocking Va
6C 69 64 61 74 69 6F 6E 20 55 74 69 6C 69 74 79 79 | lidation Utility
56 65 72 73 69 6F 6E 3A 20 20 20 20 20 20 20 20 20 | Version:
20 20 20 20 20 20 20 20 20 20 32 2E 30 2E 31 2E 30 |           2.0.1.0
43 6F 6D 6D 61 6E 64 3A 20 20 20 20 20 20 20 20 20 | Command:
20 20 20 20 20 20 20 20 20 20 57 52 49 54 45 20 55 |           WRITE U
4E 43 4F 52 52 45 43 54 41 42 4C 45 20 45 58 54 54 | NCORRECTABLE EXT
44 61 74 65 2D 74 69 6D 65 3A 20 20 20 20 20 20 20 | Date-time:
20 54 68 75 20 4A 75 6C 20 33 30 20 32 30 32 30 30 |   Thu Jul 30 2020
20 20 20 20 32 33 3A 31 32 3A 35 39 2E 35 38 34 34 |       23:12:59.584
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
20 20 52 61 6E 64 6F 6D 20 44 61 74 61 20 20 20 20 |   Random Data
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D | -----
ED BC B5 96 D5 6F 68 7A 19 A5 54 E3 E4 8F 05 0A 0A | .....ohz..T.....
B4 16 E6 FB A4 BD 28 C2 AA C2 EF 89 14 7A D2 94 94 | .....(.....z...
51 B1 C6 BD F2 15 70 C3 59 E3 23 B7 7D 77 62 B6 B6 | Q.....p.Y.#.}wb.
54 CF 34 49 B6 4A A5 21 44 A4 45 FB 3F 65 7A F1 F1 | T.4I.J.!D.E.?ez.
3F E6 F3 F0 46 8C A3 1F A0 D9 76 8A FD 04 3B 33 33 | ?...F.....v...;3
CC B2 75 EE AA F0 88 B6 86 27 6E 4E BB 07 F3 E1 E1 | ..u.....'nN....
CA C2 2C 03 F1 8A 86 23 49 10 CD 7B A2 20 71 F1 F1 | ..,....#I...{. q.
62 0E 5A F8 79 70 35 F3 BE 80 6C 9B D8 14 49 72 72 | b.Z.yp5...l...Ir
6B 7F E2 BC C0 D6 5F 1B 14 65 2C A0 CC 48 2E 9B 9B | k□...._...e,..H..
3D 86 98 6A 3B 9A 54 7D 1E 38 45 F2 09 D3 42 E2 E2 | =..j;.T}.8E...B.
FD 2A 0F 5B 1D 4F B9 05 A6 8E 98 02 01 0E DE 8A 8A | .*.[.O.....
6D 13 E7 3A AD D4 D4 2D 3D AB 02 D6 63 21 EC AB AB | m...:....-...c!..
BF 24 A9 8D 96 E2 E3 14 89 10 A1 9E 69 17 31 CE CE | .$.....i.l.
62 80 06 CF B3 9B E6 8C 16 8B 31 BE 24 EA 9C 75 75 | b.....l.$..u

```

Disk sector state after write:

[SCSI] READ (10) | 28 00 00 00 CA 00 00 00 01 00

```

87 FB 4A EE D8 CF 2D 0C 70 DF 05 A0 D5 42 8A 04 04 | ..J...-.p....B..
EE BB 48 C4 57 78 36 1F 7D 17 92 9A E6 EC BC 07 07 | ..H.Wx6.}.....
EF C2 93 C7 53 50 AF 13 5D F8 7A 97 40 06 15 1F 1F | ....SP...].z.@...
00 00 00 00 00 00 00 00 00 A1 A2 2C 07 00 00 00 00 | .....,.....
00 00 94 01 00 00 00 00 00 6F 3A 11 F0 0A 90 59 1E | .....o:....Y.
4D A7 CA C0 F8 B9 0E 05 E9 D4 72 C4 D9 76 80 07 07 | M.....r..v..
9D DA 19 CE A1 2C A2 11 53 BB 74 4C 87 5E EE 02 02 | .....,..S.tL.^..
6A 17 E5 8B 96 25 9F 17 ED A2 C7 45 C0 9E 8E 01 01 | j....%.....E....
5D 74 42 37 F4 B0 0C 0E 8B CE B9 4C 7D 7A 92 04 04 | ]tB7.....L}z..
D1 B9 51 C2 F2 A8 60 02 3A B7 61 7B F5 B3 49 00 00 | ..Q...`.:.a{..I.
E7 36 CF D3 CD 78 24 02 DC 66 06 1F 32 A5 6E 16 16 | .6...x$.f..2.n.
DB CC 72 10 23 C5 38 19 9B D9 A0 FB 6A 90 D2 1F 1F | ..r.#.8.....j...
33 9B A6 F2 3C D4 41 04 66 53 BB 50 34 C1 0E 04 04 | 3...<.A.fS.P4...
6C 6A 64 E0 C8 AF 31 06 4D 8D D6 E6 C6 C5 D5 06 06 | ljd...l.M.....
A9 51 34 96 4D 45 D2 0B 35 0A F2 89 8F 7D 32 04 04 | .Q4.ME..5....}2.

```

46	C1	23	EC	B8	8A	F1	1F	28	78	E1	3C	45	BB	0B	0E	|	F.#.....(x.<E...
05	2F	88	EB	F7	D8	36	03	E0	85	EE	E5	5A	E5	CD	1F	|	./.....6.....Z...
BC	D0	CD	19	B4	49	6C	02	17	BA	DB	9A	4F	7C	97	11	|	.....I1.....O|..
42	F7	4F	16	1C	22	EC	00	E8	FE	28	87	1B	79	5D	09	|	B.O..".....(..y].
DD	1F	71	F1	8E	EB	F5	02	FB	A3	3F	4E	B9	44	62	16	|	..q.....?N.Db.
7F	74	CA	57	77	A1	8C	19	8F	CE	B9	B0	49	E8	2E	0E	|	□t.Ww.....I...
D1	B9	CF	4E	AC	04	CA	1B	3A	77	F1	AC	2D	19	9A	15	|	...N.....:w..-...
E7	2E	01	FA	AC	6C	32	12	DC	A5	CC	07	95	D0	80	06	|	.....l2.....
BB	94	0B	4E	2C	96	89	1A	97	F2	63	BF	BF	0B	98	16	|	...N,.....c.....
52	FE	A0	FE	C5	21	54	05	CA	1F	AB	40	E8	84	85	17	|	R.....!T.....@.....
F9	63	30	78	47	90	82	14	7F	8C	09	BD	F0	95	FB	0B	|	.c0xG...□.....
8F	B1	61	51	39	14	40	1A	31	B6	64	51	D6	59	54	1C	|	..aQ9.@.1.dQ.YT.
C6	16	14	6F	88	62	B6	19	D8	82	7F	02	C7	94	DC	17	|	...o.b....□.....
5B	F0	E3	1E	59	11	80	16	0B	FE	AE	2B	B9	72	E0	11	|	[...Y.....+r..
C1	5F	70	A6	7F	78	6C	14	F8	8B	ED	C4	D7	BB	54	08	|	.._p.□xl.....T.
7F	B1	A1	32	04	B5	E6	18	2F	B6	94	AD	4F	BD	53	0F	|	□..2...../...O.S.
C5	16	9B	9A	DF	A0	CB	1E	D8	E2	F0	67	CE	A6	8C	05	g.....

CRU WriteBlocking Validation Utility, version 2.0.1.0.
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