



Model: ST4000NM0033-9ZM

S/N: S1Z21GCG

# Disk Erasure Report

Page 1 - Erasure Status



## Organisation Performing The Disk Erasure

Business Name: **GridJet**

Business Address:

Contact Name: **GDW-LDS-2**

Contact Phone:

## Customer Details

Name: **Gridjet**

Address:

Contact Name:

Contact Phone:

## Disk Information

Make/Model: **ST4000NM0033-9ZM**

Serial: **S1Z21GCG**

Size(Apparent): **4000 GB, 4000787030016 bytes**

Bus: **ATA**

Size(Real): **4000 GB, 4000787030016 bytes**

## Disk Erasure Details

Start time: **2025/06/04 11:20:41**

End time: **2025/06/05 11:23:06**

Duration: **24:02:25**

Status: **ERASED**

Method: **PRNG Stream**

PRNG algorithm: **XORshiro256**

Final Pass(Zeros/Ones/None): **Zeros**

Verify Pass(Last/All/None): **Verify Last**

\*Bytes Erased: **4000787030016, (100.00%)**

Rounds(completed/requested): **1/1**

HPA/DCO: **No hidden sectors**

HPA/DCO Size: **No hidden sectors**

Errors(pass/sync/verify): **0/0/0**

Throughput: **138 MB/sec**

Information:

\* bytes erased: The amount of drive that's been erased at least once

## Technician/Operator ID

Signature:

Name/ID: **Auto Wipe**



Model: ST4000NM0033-9ZM

S/N: S1Z21GCG

# Disk Erasure Report

Page 2 - Smart Data



smartctl 7.2 2020-12-30 r5155 [x86\_64-linux-5.14.0-503.23.1.el9\_5.x86\_64] (local build)  
copyright (c) 2002-20, bruce allen, christian franke, www.smartmontools.org

=== start of information section ===

model family: Seagate Constellation ES.3  
device model: ST4000NM0033-9ZM170  
serial number: S1Z21GCG  
lu wwn device id: 5 000c50 08cd98d72  
add. product id: DELL(tm)  
firmware version: GA6E  
user capacity: 4,000,787,030,016 bytes [4.00 TB]  
sector size: 512 bytes logical/physical  
rotation rate: 7200 rpm  
form factor: 3.5 inches  
device is: In smartctl database [for details use: -P show]  
ata version is: ACS-2 (minor revision not indicated)  
sata version is: SATA 3.0, 6.0 Gb/s (current: 6.0 Gb/s)  
local time is: Thu Jun 5 11:23:08 2025 BST  
smart support is: Available - device has SMART capability.  
smart support is: Enabled

=== start of read smart data section ===

smart overall-health self-assessment test result: PASSED

general smart values:

offline data collection status: (0x82)Offline data collection activity  
was completed without error.  
auto offline data collection: Enabled.  
self-test execution status: ( 0)The previous self-test routine completed  
without error or no self-test has ever  
been run.  
total time to complete offline  
data collection: ( 90) seconds.  
offline data collection  
capabilities: (0x7b) SMART execute Offline immediate.  
auto offline data collection on/off support.  
suspend offline collection upon new  
command.  
offline surface scan supported.  
self-test supported.  
conveyance self-test supported.  
selective self-test supported.  
smart capabilities: (0x0003)Saves SMART data before entering  
power-saving mode.  
supports smart auto save timer.  
error logging capability: (0x01)Error logging supported.  
general purpose logging supported.  
short self-test routine  
recommended polling time: ( 2) minutes.  
extended self-test routine  
recommended polling time: ( 488) minutes.  
conveyance self-test routine  
recommended polling time: ( 3) minutes.  
sct capabilities: (0x50bd)SCT Status supported.  
sct error recovery control supported.  
sct feature control supported.  
sct data table supported.

smart attributes data structure revision number: 10

vendor specific smart attributes with thresholds:

id#	attribute_name	flag	value	worst	thresh	type	updated	when_failed	raw_value
1	raw_read_error_rate	0x010f	082	046	---	pre-fail	always	-	198250687
3	spin_up_time	0x0103	093	092	---	pre-fail	always	-	0
4	start_stop_count	0x0032	100	100	---	old_age	always	-	29



Model: ST4000NM0033-9ZM

S/N: S1Z21GCG

# Disk Erasure Report

Page 3 - Smart Data



5	reallocated_sector_ct	0x0133	080	080	---	pre-fail	always	-	3356
7	seek_error_rate	0x000f	090	060	---	pre-fail	always	-	955599937
9	power_on_hours	0x0032	021	021	---	old_age	always	-	69339
10	spin_retry_count	0x0013	100	100	---	pre-fail	always	-	0
12	power_cycle_count	0x0032	100	100	---	old_age	always	-	28
184	end-to-end_error	0x0032	100	100	---	old_age	always	-	0
187	reported_uncorrect	0x0032	080	080	---	old_age	always	-	20
188	command_timeout	0x0032	100	100	---	old_age	always	-	4295032833
189	high_fly_writes	0x003a	099	099	---	old_age	always	-	1
190	airflow_temperature_cel	0x0022	064	054	---	old_age	always	-	36 (min/max 17/37)
191	g-sense_error_rate	0x0032	100	100	---	old_age	always	-	0
192	power-off_retract_count	0x0032	100	100	---	old_age	always	-	25
193	load_cycle_count	0x0032	083	083	---	old_age	always	-	34519
194	temperature_celsius	0x0022	036	046	---	old_age	always	-	36 (0 17 0 0 0)
195	hardware_ecc_recovered	0x001a	035	013	---	old_age	always	-	198250687
196	reallocated_event_count	0x0032	000	000	---	old_age	always	-	60699
197	current_pending_sector	0x0012	100	100	---	old_age	always	-	0
198	offline_uncorrectable	0x0010	100	100	---	old_age	offline	-	0
199	udma_crc_error_count	0x003e	200	200	---	old_age	always	-	0
240	head_flying_hours	0x0000	100	253	---	old_age	offline	-	64177 (191 5 0)
241	total_lbas_written	0x0000	100	253	---	old_age	offline	-	402368420091
242	total_lbas_read	0x0000	100	253	---	old_age	offline	-	3715844562666

smart error log version: 1  
ata error count: 20 (device log contains only the most recent five errors)  
cr = command register [hex]  
fr = features register [hex]  
sc = sector count register [hex]  
sn = sector number register [hex]  
cl = cylinder low register [hex]  
ch = cylinder high register [hex]  
dh = device/head register [hex]  
dc = device command register [hex]  
er = error register [hex]  
st = status register [hex]  
powered\_up\_time is measured from power on, and printed as  
ddd+hh:mm:ss.sss where DD=days, hh=hours, mm=minutes,  
ss=sec, and sss=millisec. it "wraps" after 49.710 days.

error 20 occurred at disk power-on lifetime: 3779 hours (157 days + 11 hours)  
when the command that caused the error occurred, the device was active or idle.

after command completion occurred, registers were:  
er st sc sn cl ch dh  
-- -- -- -- -- -- --  
40 51 00 01 00 00 00 error: UNC at LBA = 0x00000001 = 1

commands leading to the command that caused the error were:  
cr fr sc sn cl ch dh dc powered\_up\_time command/feature\_name  
-----  
60 00 08 00 00 00 40 00 00:19:34.794 READ FPDMA QUEUED  
60 00 08 ff ff ff 4f 00 00:19:34.793 READ FPDMA QUEUED  
60 00 08 ff ff ff 4f 00 00:19:34.793 READ FPDMA QUEUED  
ec 00 01 00 00 00 00 00 00:19:34.791 IDENTIFY DEVICE  
ec 00 00 00 00 00 00 00 00:19:34.790 IDENTIFY DEVICE

error 19 occurred at disk power-on lifetime: 3779 hours (157 days + 11 hours)  
when the command that caused the error occurred, the device was active or idle.

after command completion occurred, registers were:  
er st sc sn cl ch dh  
-- -- -- -- -- -- --  
40 51 00 01 00 00 00 error: UNC at LBA = 0x00000001 = 1



Model: ST4000NM0033-9ZM

S/N: S1Z21GCG

# Disk Erasure Report

Page 4 - Smart Data



```
commands leading to the command that caused the error were:
cr fr sc sn cl ch dh dc  powered_up_time  command/feature_name
-----
60 00 08 00 00 00 40 00      00:19:32.162  READ FPDMA QUEUED
2f 00 01 10 00 00 00 00      00:19:32.093  READ LOG EXT
60 00 08 00 00 00 40 00      00:19:29.529  READ FPDMA QUEUED
2f 00 01 10 00 00 00 00      00:19:29.320  READ LOG EXT
60 00 08 00 00 00 40 00      00:19:26.743  READ FPDMA QUEUED
```

error 18 occurred at disk power-on lifetime: 3779 hours (157 days + 11 hours)  
when the command that caused the error occurred, the device was active or idle.

```
after command completion occurred, registers were:
er st sc sn cl ch dh
-----
40 51 00 01 00 00 00  error: UNC at LBA = 0x00000001 = 1
```

```
commands leading to the command that caused the error were:
cr fr sc sn cl ch dh dc  powered_up_time  command/feature_name
-----
60 00 08 00 00 00 40 00      00:19:29.529  READ FPDMA QUEUED
2f 00 01 10 00 00 00 00      00:19:29.320  READ LOG EXT
60 00 08 00 00 00 40 00      00:19:26.743  READ FPDMA QUEUED
2f 00 01 10 00 00 00 00      00:19:26.702  READ LOG EXT
60 00 08 00 00 00 40 00      00:19:24.130  READ FPDMA QUEUED
```

error 17 occurred at disk power-on lifetime: 3779 hours (157 days + 11 hours)  
when the command that caused the error occurred, the device was active or idle.

```
after command completion occurred, registers were:
er st sc sn cl ch dh
-----
40 51 00 01 00 00 00  error: UNC at LBA = 0x00000001 = 1
```

```
commands leading to the command that caused the error were:
cr fr sc sn cl ch dh dc  powered_up_time  command/feature_name
-----
60 00 08 00 00 00 40 00      00:19:26.743  READ FPDMA QUEUED
2f 00 01 10 00 00 00 00      00:19:26.702  READ LOG EXT
60 00 08 00 00 00 40 00      00:19:24.130  READ FPDMA QUEUED
2f 00 01 10 00 00 00 00      00:19:24.070  READ LOG EXT
60 00 08 00 00 00 40 00      00:19:21.505  READ FPDMA QUEUED
```

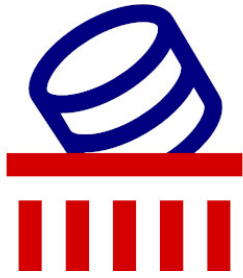
error 16 occurred at disk power-on lifetime: 3779 hours (157 days + 11 hours)  
when the command that caused the error occurred, the device was active or idle.

```
after command completion occurred, registers were:
er st sc sn cl ch dh
-----
40 51 00 01 00 00 00  error: UNC at LBA = 0x00000001 = 1
```

```
commands leading to the command that caused the error were:
cr fr sc sn cl ch dh dc  powered_up_time  command/feature_name
-----
60 00 08 00 00 00 40 00      00:19:24.130  READ FPDMA QUEUED
2f 00 01 10 00 00 00 00      00:19:24.070  READ LOG EXT
60 00 08 00 00 00 40 00      00:19:21.505  READ FPDMA QUEUED
2f 00 01 10 00 00 00 00      00:19:21.303  READ LOG EXT
60 00 08 00 00 00 40 00      00:19:18.731  READ FPDMA QUEUED
```

smart self-test log structure revision number 1

num	test_description	status	remaining	lifetime(hours)	lba_of_first_error
# 1	short offline	completed without error	00%	3	-
# 2	vendor (0xdf)	completed without error	00%	3	-



Model: ST4000NM0033-9ZM

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# Disk Erasure Report

Page 5 - Smart Data



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```
smart selective self-test log data structure revision number 1
span  min_lba  max_lba  current_test_status
  1         0         0    not_testing
  2         0         0    not_testing
  3         0         0    not_testing
  4         0         0    not_testing
  5         0         0    not_testing
selective self-test flags (0x0):
  after scanning selected spans, do not read-scan remainder of disk.
if selective self-test is pending on power-up, resume after 0 minute delay.
```