



Model: ST4000NM0033-9ZM

S/N: S1Z21LB5



Disk Erasure Report

Page 1 - Erasure Status

Organisation Performing The Disk Erasure

Business Name: **GridJet**

Business Address:

Contact Name: **GDW-LDS-4**

Contact Phone:

Customer Details

Name: **Gridjet**

Address:

Contact Name:

Contact Phone:

Disk Information

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

Serial: **S1Z21LB5**

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

Bus: **ATA**

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

Disk Erasure Details

Start time: **2025/06/04 11:01:27**

End time: **2025/06/05 12:05:37**

Duration: **25:04:10**

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: **132 MB/sec**

Information:

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

Technician/Operator ID

Signature:

Name/ID: **Auto Wipe**



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smartctl 7.2 2020-12-30 r5155 [x86_64-linux-5.14.0-503.23.1.el9_5.x86_64] (local build)
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=== start of information section ===

model family: Seagate Constellation ES.3
device model: ST4000NM0033-9ZM170
serial number: S1Z21LB5
lu wwn device id: 5 000c50 08cd990d3
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 12:05:39 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: (481) 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	078	063	---	pre-fail	always	-	79259809
3	spin_up_time	0x0103	093	093	---	pre-fail	always	-	0
4	start_stop_count	0x0032	100	100	---	old_age	always	-	29



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5	reallocated_sector_ct	0x0133	100	100	---	pre-fail	always	-	10
7	seek_error_rate	0x000f	089	060	---	pre-fail	always	-	880087713
9	power_on_hours	0x0032	021	021	---	old_age	always	-	69346
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	098	098	---	old_age	always	-	2
188	command_timeout	0x0032	100	100	---	old_age	always	-	0
189	high_fly_writes	0x003a	099	099	---	old_age	always	-	1
190	airflow_temperature_cel	0x0022	065	053	---	old_age	always	-	35 (min/max 17/36)
191	g-sense_error_rate	0x0032	100	100	---	old_age	always	-	0
192	power-off_retract_count	0x0032	100	100	---	old_age	always	-	4
193	load_cycle_count	0x0032	083	083	---	old_age	always	-	34178
194	temperature_celsius	0x0022	035	047	---	old_age	always	-	35 (0 17 0 0 0)
195	hardware_ecc_recovered	0x001a	065	013	---	old_age	always	-	79259809
196	reallocated_event_count	0x0032	000	000	---	old_age	always	-	5
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	-	64030 (48 247 0)
241	total_lbas_written	0x0000	100	253	---	old_age	offline	-	402486813995
242	total_lbas_read	0x0000	100	253	---	old_age	offline	-	3717685397105

smart error log version: 1
ata error count: 2
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 2 occurred at disk power-on lifetime: 50934 hours (2122 days + 6 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 ff ff ff 0f error: UNC at LBA = 0xffffffff = 268435455

commands leading to the command that caused the error were:
cr fr sc sn cl ch dh dc powered_up_time command/feature_name
-- -- -- -- --
42 00 00 ff ff ff 4f 00 26d+21:51:36.305 READ VERIFY SECTOR(S) EXT
42 00 00 ff ff ff 4f 00 26d+21:51:28.782 READ VERIFY SECTOR(S) EXT
42 00 00 ff ff ff 4f 00 26d+21:51:21.251 READ VERIFY SECTOR(S) EXT
42 00 00 ff ff ff 4f 00 26d+21:51:21.232 READ VERIFY SECTOR(S) EXT
42 00 00 ff ff ff 4f 00 26d+21:51:21.212 READ VERIFY SECTOR(S) EXT

error 1 occurred at disk power-on lifetime: 35635 hours (1484 days + 19 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 c7 84 3f 06 error: UNC at LBA = 0x063f84c7 = 104826055



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commands leading to the command that caused the error were:

cr	fr	sc	sn	cl	ch	dh	dc	powered_up_time	command/feature_name
42	00	00	00	30	37	46	00	32d+13:16:36.277	READ VERIFY SECTOR(S) EXT
42	00	00	00	f0	0c	46	00	32d+13:16:28.746	READ VERIFY SECTOR(S) EXT
42	00	00	00	80	e2	45	00	32d+13:16:21.232	READ VERIFY SECTOR(S) EXT
42	00	00	00	a0	b7	45	00	32d+13:16:13.722	READ VERIFY SECTOR(S) EXT
42	00	00	00	b0	8d	45	00	32d+13:16:06.272	READ VERIFY SECTOR(S) EXT

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	-

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.