



Model: ST4000NM002A-2HZ

S/N: WS209XNV

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: **ST4000NM002A-2HZ**

Serial: **WS209XNV**

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

Bus: **ATA**

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

Disk Erasure Details

Start time: **2025/06/03 12:18:47**

End time: **2025/06/04 01:32:17**

Duration: **13:13:30**

Status: **FAILED**

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): **0/1**

HPA/DCO: **No hidden sectors**

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

Errors(pass/sync/verify): **1/0/0**

Throughput: **168 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: ST4000NM002A-2HZ

S/N: WS209XNV

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 Exos 7E8
device model: ST4000NM002A-2HZ101
serial number: WS209XNV
lu wwn device id: 5 000c50 0d5773bff
firmware version: SN03
user capacity: 4,000,787,030,016 bytes [4.00 TB]
sector sizes: 512 bytes logical, 4096 bytes physical
rotation rate: 7200 rpm
form factor: 3.5 inches
device is: In smartctl database [for details use: -P show]
ata version is: ACS-4 (minor revision not indicated)
sata version is: SATA 3.3, 6.0 Gb/s (current: 6.0 Gb/s)
local time is: Wed Jun 4 01:32:19 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

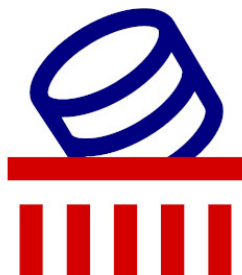
general smart values:

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: (567) 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: (1) minutes.
extended self-test routine
recommended polling time: (375) minutes.
conveyance self-test routine
recommended polling time: (2) minutes.
sct capabilities: (0x70bd)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	0x000f	062	060	044	pre-fail	always	-	215016464
3	spin_up_time	0x0003	097	097	000	pre-fail	always	-	0
4	start_stop_count	0x0032	100	100	020	old_age	always	-	4
5	reallocated_sector_ct	0x0033	099	099	010	pre-fail	always	-	5208



Model: ST4000NM002A-2HZ

S/N: WS209XNV

Disk Erasure Report

Page 3 - Smart Data



7	seek_error_rate	0x000f	069	060	045	pre-fail	always	-	7080132
9	power_on_hours	0x0032	100	100	000	old_age	always	-	208
10	spin_retry_count	0x0013	100	100	097	pre-fail	always	-	0
12	power_cycle_count	0x0032	100	100	020	old_age	always	-	4
18	head_health	0x000b	100	100	050	pre-fail	always	-	0
187	reported_uncorrect	0x0032	001	001	000	old_age	always	-	146
188	command_timeout	0x0032	100	098	000	old_age	always	-	2
190	airflow_temperature_cel	0x0022	069	068	040	old_age	always	-	31 (min/max 21/32)
192	power-off_retract_count	0x0032	100	100	000	old_age	always	-	2
193	load_cycle_count	0x0032	100	100	000	old_age	always	-	34
194	temperature_celsius	0x0022	031	040	000	old_age	always	-	31 (0 16 0 0)
195	hardware_ecc_recovered	0x001a	029	009	000	old_age	always	-	215016464
197	current_pending_sector	0x0012	100	099	000	old_age	always	-	8
198	offline_uncorrectable	0x0010	100	099	000	old_age	offline	-	8
199	udma_crc_error_count	0x003e	200	200	000	old_age	always	-	0
240	head_flying_hours	0x0000	100	253	000	old_age	offline	-	20h+47m+53.587s
241	total_lbas_written	0x0000	100	253	000	old_age	offline	-	15631243039
242	total_lbas_read	0x0000	100	253	000	old_age	offline	-	7815542751

smart error log version: 1

ata error count: 146 (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 146 occurred at disk power-on lifetime: 208 hours (8 days + 16 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 10 a5 1a 00 error: UNC at LBA = 0x001aa510 = 1746192

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 10 a5 1a 40 00 13:13:53.059 READ FPDMA QUEUED

60 00 08 08 a5 1a 40 00 13:13:53.026 READ FPDMA QUEUED

60 00 08 00 a5 1a 40 00 13:13:53.008 READ FPDMA QUEUED

60 00 08 f8 a4 1a 40 00 13:13:53.008 READ FPDMA QUEUED

60 00 08 f0 a4 1a 40 00 13:13:53.007 READ FPDMA QUEUED

error 145 occurred at disk power-on lifetime: 208 hours (8 days + 16 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

-- -- -- -- --

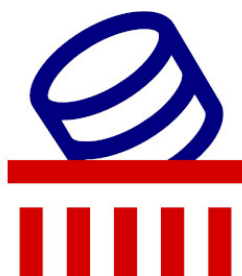
40 51 00 10 a5 1a 00 error: UNC at LBA = 0x001aa510 = 1746192

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 00 40 ce 1a 40 00 13:13:45.326 READ FPDMA QUEUED



Model: ST4000NM002A-2HZ

S/N: WS209XNV

Disk Erasure Report

Page 4 - Smart Data



```
60 00 00 40 ca 1a 40 00    13:13:45.326  READ FPDMA QUEUED
60 00 00 40 c6 1a 40 00    13:13:45.326  READ FPDMA QUEUED
60 00 00 40 c2 1a 40 00    13:13:45.326  READ FPDMA QUEUED
60 00 00 40 be 1a 40 00    13:13:45.326  READ FPDMA QUEUED
```

error 144 occurred at disk power-on lifetime: 208 hours (8 days + 16 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 78 68 1a 00 error: UNC at LBA = 0x001a6878 = 1730680

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	a0	43	1a	40	00	13:13:22.129	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

60	00	d8	c8	6b	1a	40	00	13:13:22.128	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

60	00	00	c8	63	1a	40	00	13:13:22.128	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

60	00	f0	d8	5b	1a	40	00	13:13:22.128	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

60	00	18	88	33	1a	40	00	13:13:22.127	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

error 143 occurred at disk power-on lifetime: 208 hours (8 days + 16 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 28 4a 1a 00 error: UNC at LBA = 0x001a4a28 = 1722920

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	68	1b	1a	40	00	13:12:59.845	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

60	00	00	a0	4f	1a	40	00	13:12:59.137	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

60	00	00	a0	4b	1a	40	00	13:12:59.137	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

60	00	00	a0	47	1a	40	00	13:12:59.137	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

60	00	00	a0	43	1a	40	00	13:12:59.137	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

error 142 occurred at disk power-on lifetime: 208 hours (8 days + 16 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 e8 0c 1a 00 error: UNC at LBA = 0x001a0ce8 = 1707240

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	00	a0	2b	1a	40	00	13:12:44.832	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

60	00	00	a0	23	1a	40	00	13:12:44.832	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

60	00	00	a0	1b	1a	40	00	13:12:44.832	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

60	00	00	a0	13	1a	40	00	13:12:44.832	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

60	00	00	a0	0b	1a	40	00	13:12:44.832	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

smart self-test log structure revision number 1

no self-tests have been logged. [to run self-tests, use: smartctl -t]

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
---	---	---	-------------



Model: ST4000NM002A-2HZ

S/N: WS209XNV

Disk Erasure Report

Page 5 - Smart Data



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.