Model: ST4000NM0033-9ZM
S/N: S1Z21L92

Disk Erasure Report

Page 1 - Erasure Status

Organisation Performing The Disk Erasure

Business Name: **GridJet**

Business Address:

Contact Name: **GDW-LDS-3** Contact Phone:

Customer Details

Name: **Gridjet**

Address:

Contact Name: Contact Phone:

Disk Information

Make/Model: **ST4000NM0033-9ZM** Serial: **S1Z21L92**

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

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

Disk Erasure Details

Start time: **2025/06/04 11:01:46** End time: **2025/06/05 12:39:54**

Duration: **25:38:08** 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: **130 MB/sec**

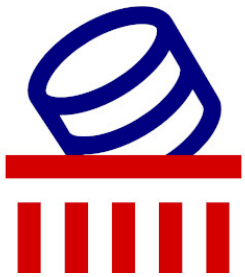
Information:

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

Technician/Operator ID

Name/ID: **Auto Wipe**

Signature:



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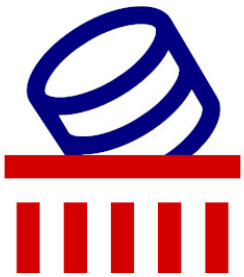
```
smartctl 7.2 2020-12-30 r5155 [x86_64-linux-5.14.0-503.23.1.el9_5.x86_64] (local build)
copyright (c) 2002-20, bruce allen, christian franke, www.smartmontools.org

=== start of information section ===
model family:     Seagate Constellation ES.3
device model:     ST4000NM0033-9ZM170
serial number:    S1Z21L92
lu wwn device id: 5 000c50 08cd99033
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 12:39:55 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:  ( 490) 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   077   051   ---    pre-fail  always       -       58430327
  3 spin_up_time            0x0103   094   093   ---    pre-fail  always       -       0
  4 start_stop_count        0x0032   100   100   ---    old_age   always       -       41
```



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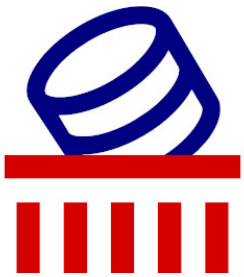
```
  5 reallocated_sector_ct   0x0133   100   100   ---    pre-fail  always       -       22
  7 seek_error_rate         0x000f   092   060   ---    pre-fail  always       -       1847944816
  9 power_on_hours          0x0032   023   023   ---    old_age   always       -       68213
 10 spin_retry_count        0x0013   100   100   ---    pre-fail  always       -       0
 12 power_cycle_count       0x0032   100   100   ---    old_age   always       -       40
184 end-to-end_error        0x0032   100   100   ---    old_age   always       -       0
187 reported_uncorrect      0x0032   001   001   ---    old_age   always       -       15361
188 command_timeout         0x0032   100   098   ---    old_age   always       -       65541
189 high_fly_writes         0x003a   100   100   ---    old_age   always       -       0
190 airflow_temperature_cel 0x0022   065   055   ---    old_age   always       -       35 (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       -       24
193 load_cycle_count        0x0032   089   089   ---    old_age   always       -       23722
194 temperature_celsius     0x0022   035   045   ---    old_age   always       -       35 (0 17 0 0 0)
195 hardware_ecc_recovered  0x001a   035   013   ---    old_age   always       -       58430327
196 reallocated_event_count 0x0032   000   000   ---    old_age   always       -       65285
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      -       66697 (23 11 0)
241 total_lbas_written      0x0000   100   253   ---    old_age   offline      -       646853020920
242 total_lbas_read         0x0000   100   253   ---    old_age   offline      -       3697736612030

smart error log version: 1
ata error count: 15361 (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 15361 occurred at disk power-on lifetime: 2675 hours (111 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 ff ff ff 0f  error: UNC at LBA = 0x0fffffff = 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
  -- -- -- -- -- -- -- --  ----------------  --------------------
  60 00 00 ff ff ff 4f 00   1d+00:19:44.237  READ FPDMA QUEUED
  60 00 00 ff ff ff 4f 00   1d+00:19:44.237  READ FPDMA QUEUED
  60 00 00 ff ff ff 4f 00   1d+00:19:44.237  READ FPDMA QUEUED
  60 00 00 ff ff ff 4f 00   1d+00:19:44.237  READ FPDMA QUEUED
  60 00 00 ff ff ff 4f 00   1d+00:19:44.237  READ FPDMA QUEUED

error 15360 occurred at disk power-on lifetime: 2675 hours (111 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 ff ff ff 0f  error: UNC at LBA = 0x0fffffff = 268435455
```



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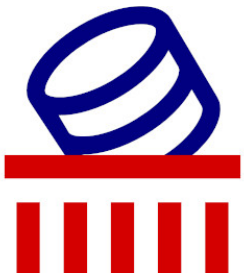
```
  commands leading to the command that caused the error were:
  cr fr sc sn cl ch dh dc   powered_up_time  command/feature_name
  -- -- -- -- -- -- -- --  ----------------  --------------------
  60 00 00 ff ff ff 4f 00   1d+00:19:27.570  READ FPDMA QUEUED
  60 00 00 ff ff ff 4f 00   1d+00:19:27.570  READ FPDMA QUEUED
  60 00 00 ff ff ff 4f 00   1d+00:19:27.570  READ FPDMA QUEUED
  60 00 00 ff ff ff 4f 00   1d+00:19:27.570  READ FPDMA QUEUED
  60 00 00 ff ff ff 4f 00   1d+00:19:27.570  READ FPDMA QUEUED

error 15359 occurred at disk power-on lifetime: 2675 hours (111 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 ff ff ff 0f  error: UNC at LBA = 0x0fffffff = 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
  -- -- -- -- -- -- -- --  ----------------  --------------------
  60 00 00 ff ff ff 4f 00   1d+00:15:06.532  READ FPDMA QUEUED
  60 00 00 ff ff ff 4f 00   1d+00:15:06.532  READ FPDMA QUEUED
  60 00 00 ff ff ff 4f 00   1d+00:15:06.532  READ FPDMA QUEUED
  60 00 00 ff ff ff 4f 00   1d+00:15:06.532  READ FPDMA QUEUED
  60 00 00 ff ff ff 4f 00   1d+00:15:06.532  READ FPDMA QUEUED

error 15358 occurred at disk power-on lifetime: 2473 hours (103 days + 1 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 7f 84 45 01  error: WP at LBA = 0x0145847f = 21333119

  commands leading to the command that caused the error were:
  cr fr sc sn cl ch dh dc   powered_up_time  command/feature_name
  -- -- -- -- -- -- -- --  ----------------  --------------------
  61 00 58 20 58 45 41 00  14d+12:47:30.418  WRITE FPDMA QUEUED
  61 00 20 00 45 45 41 00  14d+12:47:30.328  WRITE FPDMA QUEUED
  61 00 80 00 02 45 41 00  14d+12:47:26.232  WRITE FPDMA QUEUED
  61 00 10 40 b6 44 41 00  14d+12:47:26.180  WRITE FPDMA QUEUED
  61 00 80 00 40 45 41 00  14d+12:47:23.146  WRITE FPDMA QUEUED

error 15357 occurred at disk power-on lifetime: 63973 hours (2665 days + 13 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 = 0x0fffffff = 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
  -- -- -- -- -- -- -- --  ----------------  --------------------
  60 00 16 ff ff ff 4f 00   7d+10:58:20.793  READ FPDMA QUEUED
  60 00 08 ff ff ff 4f 00   7d+10:58:20.793  READ FPDMA QUEUED
  60 00 08 ff ff ff 4f 00   7d+10:58:20.784  READ FPDMA QUEUED
  61 00 60 00 aa f4 41 00   7d+10:58:20.775  WRITE FPDMA QUEUED
  61 00 60 00 ca f2 41 00   7d+10:58:20.764  WRITE 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         -
```



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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.
```