Model: ST4000NM0033-9ZM
S/N: S1Z21FFF

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: **S1Z21FFF**

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

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

Disk Erasure Details

Start time: **2025/06/04 11:01:29** End time: **2025/06/05 12:59:10**

Duration: **25:57:41** 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: **128 MB/sec**

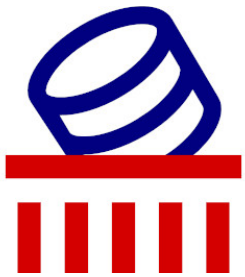
Information:

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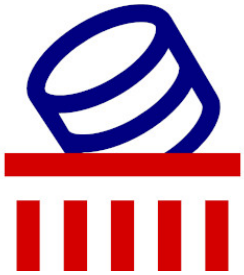
```
smartctl 7.2 2020-12-30 r5155 [x86_64-linux-5.14.0-503.23.1.el9_5.x86_64] (local build)
copyright (c) 2002-20, bruce allen, christian franke, www.smartmontools.org

=== start of information section ===
model family:     Seagate Constellation ES.3
device model:     ST4000NM0033-9ZM170
serial number:    S1Z21FFF
lu wwn device id: 5 000c50 08cd90497
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 12:59:11 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:  ( 498) 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   063   ---    pre-fail  always       -       54579195
  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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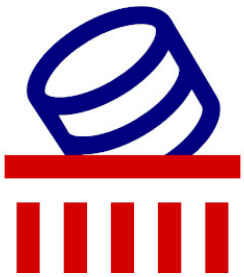
```
  5 reallocated_sector_ct   0x0133   100   100   ---    pre-fail  always       -       14
  7 seek_error_rate         0x000f   090   060   ---    pre-fail  always       -       1073004978
  9 power_on_hours          0x0032   021   021   ---    old_age   always       -       69347
 10 spin_retry_count        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   001   001   ---    old_age   always       -       196
188 command_timeout         0x0032   100   100   ---    old_age   always       -       0
189 high_fly_writes         0x003a   091   091   ---    old_age   always       -       9
190 airflow_temperature_cel 0x0022   066   051   ---    old_age   always       -       34 (min/max 18/35)
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       -       34954
194 temperature_celsius     0x0022   034   049   ---    old_age   always       -       34 (0 18 0 0 0)
195 hardware_ecc_recovered  0x001a   065   013   ---    old_age   always       -       54579195
196 reallocated_event_count 0x0032   000   000   ---    old_age   always       -       14
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      -       64291 (216 175 0)
241 total_lbas_written      0x0000   100   253   ---    old_age   offline      -       402284277793
242 total_lbas_read         0x0000   100   253   ---    old_age   offline      -       3716741787664

smart error log version: 1
ata error count: 196 (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 196 occurred at disk power-on lifetime: 61519 hours (2563 days + 7 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 80 80 41 36 41 00  10d+17:40:30.831  READ FPDMA QUEUED
  60 00 08 c0 b9 35 41 00  10d+17:40:30.828  READ FPDMA QUEUED
  60 00 30 80 ad 35 41 00  10d+17:40:30.818  READ FPDMA QUEUED
  60 00 80 00 a5 35 41 00  10d+17:40:30.817  READ FPDMA QUEUED
  60 00 28 50 19 35 41 00  10d+17:40:30.816  READ FPDMA QUEUED

error 195 occurred at disk power-on lifetime: 61519 hours (2563 days + 7 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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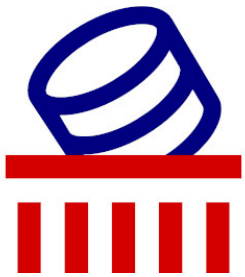
```
  commands leading to the command that caused the error were:
  cr fr sc sn cl ch dh dc   powered_up_time  command/feature_name
  -- -- -- -- -- -- -- --  ----------------  --------------------
  60 00 08 28 d7 19 40 00  10d+17:40:25.947  READ FPDMA QUEUED
  60 00 10 a0 7f 19 40 00  10d+17:40:25.947  READ FPDMA QUEUED
  60 00 08 18 6f 19 40 00  10d+17:40:25.945  READ FPDMA QUEUED
  60 00 08 30 48 19 40 00  10d+17:40:25.942  READ FPDMA QUEUED
  61 00 08 e0 b3 17 40 00  10d+17:40:25.941  WRITE FPDMA QUEUED

error 194 occurred at disk power-on lifetime: 61519 hours (2563 days + 7 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 80 ff ff ff 4f 00  10d+17:40:21.114  READ FPDMA QUEUED
  60 00 80 ff ff ff 4f 00  10d+17:40:21.113  READ FPDMA QUEUED
  60 00 80 ff ff ff 4f 00  10d+17:40:21.113  READ FPDMA QUEUED
  60 00 80 ff ff ff 4f 00  10d+17:40:12.964  READ FPDMA QUEUED
  60 00 80 ff ff ff 4f 00  10d+17:40:12.963  READ FPDMA QUEUED

error 193 occurred at disk power-on lifetime: 61351 hours (2556 days + 7 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
  -- -- -- -- -- -- -- --  ----------------  --------------------
  42 00 00 ff ff ff 4f 00   3d+18:04:12.958  READ VERIFY SECTOR(S) EXT
  61 00 80 80 ad a3 43 00   3d+18:04:12.945  WRITE FPDMA QUEUED
  61 00 80 00 b6 1a 41 00   3d+18:04:12.899  WRITE FPDMA QUEUED
  61 00 40 c0 b5 1a 41 00   3d+18:04:12.899  WRITE FPDMA QUEUED
  61 00 80 80 07 a5 40 00   3d+18:04:12.894  WRITE FPDMA QUEUED

error 192 occurred at disk power-on lifetime: 61351 hours (2556 days + 7 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
  -- -- -- -- -- -- -- --  ----------------  --------------------
  42 00 00 ff ff ff 4f 00   3d+18:04:10.296  READ VERIFY SECTOR(S) EXT
  61 00 80 00 f4 2f 42 00   3d+18:04:10.269  WRITE FPDMA QUEUED
  61 00 80 00 71 46 42 00   3d+18:04:10.238  WRITE FPDMA QUEUED
  61 00 50 b0 70 46 42 00   3d+18:04:10.237  WRITE FPDMA QUEUED
  61 00 20 b0 55 4a 42 00   3d+18:04:10.234  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.
```