



Model: ST91000640NS

S/N: 9XG4AR71



Disk Erasure Report

Page 1 - Erasure Status

Organisation Performing The Disk Erasure

Business Name: **Not Applicable (BN)**

Business Address: **Not Applicable (BA)**

Contact Name: **Not Applicable (BCN)**

Contact Phone: **Not Applicable (BCP)**

Customer Details

Name: **Not Applicable (CN)**

Address: **Not Applicable (CA)**

Contact Name: **Not Applicable (CCN)**

Contact Phone: **Not Applicable (CP)**

Disk Information

Make/Model: **ST91000640NS**

Serial: **9XG4AR71**

Size(Apparent): **1000 GB, 1000204886016 bytes**

Bus: **ATA**

Size(Real): **1000 GB, 1000204886016 bytes**

Disk Erasure Details

Start time: **2025/02/23 13:02:54**

End time: **2025/02/23 23:34:24**

Duration: **10:31:30**

Status: **ERASED**

Method: **PRNG Stream**

PRNG algorithm: **XORshiro256**

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

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

*Bytes Erased: **1000204886016, (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: **79 MB/sec**

Information:

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

Technician/Operator ID

Signature:

Name/ID: **Not Applicable (OTN)**



Model: ST91000640NS

S/N: 9XG4AR71

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.2 (SATA)
device model: ST91000640NS
serial number: 9XG4AR71
lu wwn device id: 5 000c50 063c0fc80
add. product id: DELL(tm)
firmware version: AA0D
user capacity: 1,000,204,886,016 bytes [1.00 TB]
sector size: 512 bytes logical/physical
rotation rate: 7200 rpm
form factor: 2.5 inches
device is: In smartctl database [for details use: -P show]
ata version is: ATA8-ACS T13/1699-D revision 4
sata version is: SATA 3.0, 3.0 Gb/s (current: 3.0 Gb/s)
local time is: Sun Feb 23 23:34:26 2025 GMT
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: (206) minutes.
conveyance self-test routine
recommended polling time: (3) minutes.
sct capabilities: (0x10bd)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	080	063	044	pre-fail	always	-	110634407
3	spin_up_time	0x0103	094	094	000	pre-fail	always	-	0
4	start_stop_count	0x0032	100	100	020	old_age	always	-	15



Model: ST91000640NS

S/N: 9XG4AR71

Disk Erasure Report

Page 3 - Smart Data



5	reallocated_sector_ct	0x0133	100	100	036	pre-fail	always	-	4
7	seek_error_rate	0x000f	060	031	030	pre-fail	always	-	7431920900479
9	power_on_hours	0x0032	014	014	000	old_age	always	-	75602
10	spin_retry_count	0x0013	100	100	097	pre-fail	always	-	0
12	power_cycle_count	0x0032	100	100	020	old_age	always	-	15
184	end-to-end_error	0x0032	100	100	099	old_age	always	-	0
187	reported_uncorrect	0x0032	099	099	000	old_age	always	-	1
188	command_timeout	0x0032	100	099	000	old_age	always	-	4295032833
189	high_fly_writes	0x003a	100	100	000	old_age	always	-	0
190	airflow_temperature_cel	0x0022	065	062	045	old_age	always	-	35 (min/max 13/38)
191	g-sense_error_rate	0x0032	100	100	000	old_age	always	-	0
192	power-off_retract_count	0x0032	100	100	000	old_age	always	-	13
193	load_cycle_count	0x0032	098	098	000	old_age	always	-	4308
194	temperature_celsius	0x0022	035	040	000	old_age	always	-	35 (0 13 0 0 0)
195	hardware_ecc_recovered	0x001a	116	099	000	old_age	always	-	110634407
197	current_pending_sector	0x0012	100	100	000	old_age	always	-	0
198	offline_uncorrectable	0x0010	100	100	000	old_age	offline	-	0
199	udma_crc_error_count	0x003e	200	200	000	old_age	always	-	0
240	head_flying_hours	0x0000	100	253	000	old_age	offline	-	74316 (223 237 0)
241	total_lbas_written	0x0000	100	253	000	old_age	offline	-	2722313209
242	total_lbas_read	0x0000	100	253	000	old_age	offline	-	560577340

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: 19294 hours (803 days + 22 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 ef a5 37 0b error: UNC at LBA = 0x0b37a5ef = 188196335

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	50	b0	a5	37	4b	00	00:06:03.223	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

60	00	08	f8	0f	37	4b	00	00:06:03.217	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

60	00	48	80	d7	30	4b	00	00:06:03.214	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

60	00	40	c0	f6	37	4b	00	00:06:03.195	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

60	00	80	ff	ff	ff	4f	00	00:06:03.023	READ FPDMA QUEUED
----	----	----	----	----	----	----	----	--------------	-------------------

error 1 occurred at disk power-on lifetime: 19294 hours (803 days + 22 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 ef a5 37 0b error: UNC at LBA = 0x0b37a5ef = 188196335

commands leading to the command that caused the error were:



Model: ST91000640NS

S/N: 9XG4AR71



Disk Erasure Report

Page 4 - Smart Data

cr	fr	sc	sn	cl	ch	dh	dc	powered_up_time	command/feature_name
60	00	08	38	6c	a6	4b	00	00:06:00.131	READ FPDMA QUEUED
61	00	10	28	20	6c	4b	00	00:06:00.130	WRITE FPDMA QUEUED
60	00	30	00	bb	8f	4b	00	00:06:00.128	READ FPDMA QUEUED
61	00	08	00	41	94	4a	00	00:06:00.127	WRITE FPDMA QUEUED
61	00	80	80	05	0f	4b	00	00:06:00.126	WRITE 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
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.