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root@portobello:/home/lavoro/Scrivania# smartctl -a /dev/sda
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smartctl 5.40 2010-07-12 r3124 [x86_64-unknown-linux-gnu] (local build)
Copyright (C) 2002-10 by Bruce Allen, http://smartmontools.sourceforge.net
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=== START OF INFORMATION SECTION ===
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Model Family:      Western Digital Caviar Blue Serial ATA family
Device Model:      WDC WD1600AAJS-22PSA0
Serial Number:     WD-WCAP95639829
Firmware Version: 05.06H05
User Capacity:     160,041,885,696 bytes
Device is:         In smartctl database [for details use: -P show]
ATA Version is:   7
ATA Standard is:   Exact ATA specification draft version not indicated
Local Time is:    Tue Nov 15 15:22:20 2011 CET
SMART support is: Available - device has SMART capability.
SMART support is: Enabled
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=== START OF READ SMART DATA SECTION ===
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SMART overall-health self-assessment test result: PASSED
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General SMART Values:
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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:                 (4380) 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:        ( 58) minutes.
Conveyance self-test routine
recommended polling time:        ( 6) minutes.
SCT capabilities:                (0x103f) SCT Status supported.
SCT Error Recovery Control supported.
SCT Feature Control supported.
SCT Data Table supported.
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SMART Attributes Data Structure revision number: 16
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Vendor Specific SMART Attributes with Thresholds:
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ID#	ATTRIBUTE_NAME	FLAG	VALUE	WORST	THRESH	TYPE	UPDATED	WHEN_FAILED	RAW_VALUE
1	Raw_Read_Error_Rate	0x000f	198	195	051	Pre-fail	Always	-	19524
3	Spin_Up_Time	0x0003	157	156	021	Pre-fail	Always	-	3133
4	Start_Stop_Count	0x0032	099	099	000	Old_age	Always	-	1782
5	Reallocated_Sector_Ct	0x0033	168	168	140	Pre-fail	Always	-	252
7	Seek_Error_Rate	0x000e	200	200	051	Old_age	Always	-	0
9	Power_On_Hours	0x0032	096	096	000	Old_age	Always	-	3605
10	Spin_Retry_Count	0x0012	100	100	051	Old_age	Always	-	0
11	Calibration_Retry_Count	0x0012	100	100	051	Old_age	Always	-	0
12	Power_Cycle_Count	0x0032	099	099	000	Old_age	Always	-	1782
192	Power-Off_Retract_Count	0x0032	200	200	000	Old_age	Always	-	193
193	Load_Cycle_Count	0x0032	200	200	000	Old_age	Always	-	1807
194	Temperature_Celsius	0x0022	104	088	000	Old_age	Always	-	39
196	Reallocated_Event_Count	0x0032	001	001	000	Old_age	Always	-	252

197	Current_Pending_Sector	0x0012	200	192	000	Old_age	Always	-	1
198	Offline_Uncorrectable	0x0010	200	200	000	Old_age	Offline	-	0
199	UDMA_CRC_Error_Count	0x003e	200	200	000	Old_age	Always	-	1512
200	Multi_Zone_Error_Rate	0x0008	200	198	051	Old_age	Offline	-	9

SMART Error Log Version: 1

ATA Error Count: 18360 (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 18360 occurred at disk power-on lifetime: 3536 hours (147 days + 8 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 0a 4d 4c e1 Error: UNC at LBA = 0x014c4d0a = 21777674

Commands leading to the command that caused the error were:

CR	FR	SC	SN	CL	CH	DH	DC	Powered_Up_Time	Command/Feature_Name
c8	00	b8	b8	4c	4c	01	08	01:51:34.249	READ DMA
27	00	00	00	00	00	00	08	01:51:34.249	READ NATIVE MAX ADDRESS EXT
ec	00	00	00	00	00	00	0a	01:51:34.241	IDENTIFY DEVICE
ef	03	46	00	00	00	00	0a	01:51:34.241	SET FEATURES [Set transfer mode]
27	00	00	00	00	00	00	08	01:51:34.241	READ NATIVE MAX ADDRESS EXT

Error 18359 occurred at disk power-on lifetime: 3536 hours (147 days + 8 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 0a 4d 4c e1 Error: UNC at LBA = 0x014c4d0a = 21777674

Commands leading to the command that caused the error were:

CR	FR	SC	SN	CL	CH	DH	DC	Powered_Up_Time	Command/Feature_Name
c8	00	b8	b8	4c	4c	01	08	01:51:32.299	READ DMA
c8	00	08	38	4c	4c	01	08	01:51:32.299	READ DMA
c8	00	40	b8	4b	4c	01	08	01:51:32.298	READ DMA
c8	00	10	a0	4b	4c	01	08	01:51:32.298	READ DMA
c8	00	10	70	4b	4c	01	08	01:51:32.292	READ DMA

Error 18358 occurred at disk power-on lifetime: 3439 hours (143 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 36 48 4c e1 Error: UNC at LBA = 0x014c4836 = 21776438

Commands leading to the command that caused the error were:

CR	FR	SC	SN	CL	CH	DH	DC	Powered_Up_Time	Command/Feature_Name
c8	00	08	30	48	4c	01	08	00:07:41.964	READ DMA
27	00	00	00	00	00	00	08	00:07:41.964	READ NATIVE MAX ADDRESS EXT
ec	00	00	00	00	00	00	0a	00:07:41.956	IDENTIFY DEVICE
ef	03	46	00	00	00	00	0a	00:07:41.956	SET FEATURES [Set transfer mode]
27	00	00	00	00	00	00	08	00:07:41.956	READ NATIVE MAX ADDRESS EXT

Error 18357 occurred at disk power-on lifetime: 3439 hours (143 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 36 48 4c e1 Error: UNC at LBA = 0x014c4836 = 21776438

Commands leading to the command that caused the error were:

CR	FR	SC	SN	CL	CH	DH	DC	Powered_Up_Time	Command/Feature_Name
c8	00	08	30	48	4c	01	08	00:07:39.882	READ DMA
27	00	00	00	00	00	00	08	00:07:39.882	READ NATIVE MAX ADDRESS EXT
ec	00	00	00	00	00	00	0a	00:07:39.873	IDENTIFY DEVICE
ef	03	46	00	00	00	00	0a	00:07:39.866	SET FEATURES [Set transfer mode]
27	00	00	00	00	00	00	08	00:07:39.866	READ NATIVE MAX ADDRESS EXT

Error 18356 occurred at disk power-on lifetime: 3439 hours (143 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 36 48 4c e1 Error: UNC at LBA = 0x014c4836 = 21776438

Commands leading to the command that caused the error were:

CR	FR	SC	SN	CL	CH	DH	DC	Powered_Up_Time	Command/Feature_Name
c8	00	08	30	48	4c	01	08	00:07:37.908	READ DMA
27	00	00	00	00	00	00	08	00:07:37.908	READ NATIVE MAX ADDRESS EXT
ec	00	00	00	00	00	00	0a	00:07:37.900	IDENTIFY DEVICE
ef	03	46	00	00	00	00	0a	00:07:37.900	SET FEATURES [Set transfer mode]
27	00	00	00	00	00	00	08	00:07:37.900	READ NATIVE MAX ADDRESS EXT

SMART Self-test log structure revision number 1

Num	Test_Description	Status	Remaining	LifeTime(hours)	LBA_of_first_error
# 1	Extended offline	Completed: read failure	90%	2352	9013076
# 2	Conveyance offline	Completed: read failure	90%	2352	9013076
# 3	Short offline	Completed: read failure	90%	2352	9013076

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.

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