WDDA(Western Digital Device Analytics) の表示リストと対処方法

No.	表示内容	対処方法
1	A large amount of head load events can cause wear to a storage device over time. A head load event can occur when the storage device is powered on and off and when the storage device enters various power management states. This alert will raise an advisory when the storage device has seen a large quantity of head load events throughout the entire life of the storage device.	ハードディスクドライブの使用頻度・寿命に関するハードディスクメーカーのアドバイスです。 本体前面のハードディスクランプが赤く点灯してブザー音が鳴っていない限り、修理や交換の必要はありません。
2	A large amount of head load events can cause wear to a storage device over time. This alert will raise an advisory if the current head load rate is excessively high and could potentially lead to early storage failure.	
3	A hard reset event can signal an issue between the storage device and host system. This alert will raise an advisory when an excessive quantity of hard reset events have occurred within a short period of time which may indicate a potential storage device and/or system issue.	
4	A soft reset event occurs when one or more commands sent to the storage device has not completed and is interrupted by the host system. This alert will raise an advisory when an excessive quantity of soft reset events have occurred within a short period of time which may indicate a potential storage device and/or system issue.	
5	Check and adjust software settings to reduce frequency of HDD spin-down to extend the life of HDD	
6	Hard Reset Alert	
7	HDD has accumulated a large number of data access and user might consider replacing HDD soon	
8	HDD has accumulated a large number of lifetime head loads and user might consider replacing HDD soon	
9	HDD has accumulated a large number of power cycles and user might consider replacing HDD soon	
10	HDD has accumulated a large number of power on hours and user might consider replacing HDD soon	
11	Head Load Lifetime Count Alert	
12	Head Load Rate Alert	
13	Lifetime Power On Reset Alert	
14	Power On Hours Alert	
15	Power On Reset Rate Alert	
16	Powering on and off a storage device can cause wear to a storage device over time. This alert will raise an advisory if the current power on reset rate is excessively high and could potentially lead to early storage failure.	
17	Powering on and off a storage device can cause wear to a storage device over time. This alert will raise an advisory when a large quantity of power on events have occurred throughout the entire life of the storage device.	
18	Reading and writing to a storage device can cause wear to a storage device over time. This alert will raise an advisory if the current read and write rate is excessively high and could potentially lead to early storage failure.	
19	Reading and writing to a storage device can cause wear to a storage device over time. This alert will raise an advisory when the storage device has seen a large quantity of read and writes throughout the entire life of the storage device.	
20	Reduce frequency of power cycles to extend the life of HDD	
21	Reduce HDD data access rate to extend the life of the HDD	
22	Soft Reset Alert	
23	This alert will raise an advisory when the storage device has seen a large quantity of power on hours throughout the entire life of the storage device.	
24	Total Lifetime Workload Alert	
25	Total Workload Rate Alert	
26	Asynchronous Signal Recovery Alert	・本体前面のハードディスクランプが赤色に点灯していないか確認してください。 ・管理画面の「コントロール」>「ログと通知」>「システムログ」において、エラーや警告が発生していないか確認してください。 ・上記に問題が発生している場合は、弊社カスタマーサポートまでご連絡ください。
27	A mechanical start failure is a failure that prevents the device from achieving a normal operating condition. This alert will raise an advisory when an excessive quantity of mechanical failures have occurred within a short period of time.	
28	An aysnchronous signal recovery event can indicate a possible signal connectivity issue between the storage device and host system. This alert will raise an advisory when an excessive quantity of interface aysnchronous signal recovery events have occurred within a short period of time.	
29	An interface CRC event is an error event that can occur during data transmission between the storage device and host system. This alert will raise an advisory when an excessive quantity of interface CRC events have occurred within a short period of time which may indicate a potential storage device and/or system issue.	
30	An read recovery event occurs when the host system requests data and the storage device must go through multiple read recovery attempts to fully read the requested data. This alert will raise an advisory when an excessive quantity of read recovery events have occurred within a short period of time which may indicate a potential storage device and/or environmental system issue.	
31	An uncorrectable error event occurs when the host system requests data that the storage device is unable to fully read. This alert will raise an advisory when an excessive quantity of uncorrectable error events have occurred within a short period of time which may indicate a potential storage device and/or environmental issue.	
32	A reallocated sector event occurs when the storage device decides a location on the media should no longer be used to store data and moves the data at that location to another location on the media. This alert will raise an advisory when an excessive quantity of reallocated sector events have occurred within a short period of time which may indicate a potential storage device and/or environmental system issue.	
33	Check for environmental conditions that could affect the HDD (vibration, shock)	
34	Interface CRC Alert	
35	Mechanical Failure Alert	
36	Power System Off & On	
37	Read Recovery Alert	
38	Reallocated Sector Count Alert	
39	Uncorrectable Errors Alert	

40	Check for room temperature and chassis\fan issues that may be affecting temperature	・製品の使用環境温度が対応範囲 (室温 5℃～ 35℃) 外になっている場合は、対応範囲内に収まるよう環境を改善してください。 ・室温が 25℃以上の場合、管理画面の「コントロール」>「システム情報」>「システム」において、「システムファン速度 1」の回転数が「0 rpm」になっていないか確認してください。 「0 rpm」(停止) の場合は、弊社カスタマーサポートまでご連絡ください。
41	Current Temperature Alert	
42	High Temperature Alert	
43	Low Temperature Alert	
44	Stop using HDD until temperature has changed to recommended operating range	
45	Using a storage device outside its recommended operating temperature range can lead to various undesirable failures. This alert will raise an advisory if the storage device was recently used near or above the recommended operating temperature.	
46	Using a storage device outside its recommended operating temperature range can lead to various undesirable failures. This alert will raise an advisory if the storage device was recently used near or below the recommended operating temperature.	
47	Using a storage device outside its recommended operating temperature range can lead to various undesirable failures. This alert will raise an advisory when the storage device is approaching or outside the recommended operating temperature.	