Current SeaChest Utilities blockpoint release: 17-Jun-2021

Current SeaCLibs libraries release: 17-Jun-2021

This background color indicates commands with some amount of data erasure.

Interim release dates:



SEAGAT

	Current versions:	v3.1.0	v2.0.2	v3.1.1	v3.1.0	v2.3.1	v2.0.1	v2.1.0	v1.5.0	v2.0.0	v3.0.2	v3.0.1	v2.0.1	
Features	Options	Basics	Configure	Erase	Fimrware	Format	GenericTests	_Info	_Lite	NVMe	PowerControl	Security	SMART	Constraints
abortDST		х											Х	
abortIDD													Х	Seagate only
activateFW		х			Х									Seagate only
ataSecFreeze												Х		SATA only
ataSATsecurityProtocol	enable disable			Х								Х		SATA only
ataSecPassword	"ASCII password"			х								х		SATA only
	SeaChest empty	_												
ataSecPassType	user master	_		Х								Х		SATA only
ataSecPWMod	byteswapped zeropad spacepad fpad leftAlign rightAlign uppercase lowercase invertcase			x								x		SATA only
ataSecureErase	normal enhanced			х								х		SATA only
ataSecurityInfo												х	_	Seagate only SATA only
atasecurityinio bufferTest		\vdash	1				х					^		SALA UIIIY
butterflyTest			1				X					\vdash	\dashv	
calculateFileHash	fwfilename				х		Ĥ					H		
captive													х	
checkPowerMode		х								Х	х			
clearPciErr		-								Х				NVMe only
confirm	I-understand	х		х			х		х			х	х	,
conveyanceDST		-											Х	
csmiInfo								х						
defectFormat	shortBlock 0 xbfi 1 xchs 2 longBlock 3 bfi 4 chs 5							x					x	SAS only
deviceStatistics	CIIS 3	_						х						
diameterTest	0 M I	_					х							
diameterTestRange	LBA count						Х							
disableAPM											х			SATA only
disableATASecPW												х		SATA only
disable Certification						х								SAS only
disableDataLocking												Х		Seagate only
disablePrimaryList						Х								SAS only
discardGList						Х								SAS only
disable Immediate Response						Х								SAS only
displayLBA	LBA maxLBA	х		Х		Х						Х		
downloadFW	fwfilename	х			Х				Х	Х				Seagate only
downloadMode	immediate segmented deferred activate	x			х					х				Seagate only
dstAndClean													х	
EPCfeature	enable disable	_									х			
errorLimit	number none	_	<u> </u>				Х					Щ	х	
extSmartLog		_	<u> </u>							Х		Щ		NVMe only
fastFormat	mode			x		х								SAS only Seagate only
firmwareSlot	slot#				х					х				Seagate o,
forceFWDLPassthrough					X									Seagate only
foreground					Ė								х	,
formatMaxLBA	new Max LBA					х								SAS only Seagate only
formatUnit	current			х		х								SAS only
	new sector size	-											_	Seagate only
fwBufferID	slot#	-	-	_	X		_			Х	_	H	-	Congate and
fwdlConfig	config filename	\vdash	-		X						_	\vdash	-	Seagate only
fwdlDryRun		 -	-	_	X		_				_	H	-	
fwdlignoreFinalSegment fwdlinfo		Х	-		X								_	
iwullillo					X	<u> </u>								

[1	1					1
fwdlPort	lock unlock	_									Х		Seagate only
fwdlSegSize	number read	_			х				Х				Seagate only
genericMode	write (Seagate only)						x						Seagate only on
generation	verify												write option
getFeatures	help list #								Х				NVMe only
getNvmeLogPage	error smart fwSlots								х				NVMe only
	suppCmds selfTest #												, i
getTelemetry	host ctrl	_							Х				NVMe only
hideLBACounter	hausa	X		X			X						
hours idd	hours short long	x		х			Х					х	Seagate only
iuu												^	Seagate only
idle	enable disable default									х			SAS only
	timerValueMilliseconds												,
	onable I disable I default												
idle_a	enable disable default timerValueMilliseconds									х			
	timei valueiviiiiiseconus												
	enable disable default												
idle_b	timerValueMilliseconds									х			
		_											
idle c	enable disable default									x			
idie_c	timerValueMilliseconds									^			
ieee1667Port	lock unlock	_									х		Seagate only
longDST												х	,
longGeneric							Х						
lowCurrentSpinup	low ultra disable		х										SATA only
lowcurrentspinup	low uitra uisable		^										Seagate only
minutes	minutes	х		Х			Х						
newFW	fw rev				Х								
noTimeLimit	tota I amalala I dia alda	Х						Х				Х	040
nvCachenvmFmtMetadataSet	info enable disable xlba separate	_	Х										SAS only NVMe only
nvmFmtMS	# of bytes					X			X				NVMe only
nvmFmtNSID	all current					X			X				NVMe only
nvmFmtPI	0 1 2 3					x			x				NVMe only
nvmFmtPIL	beginning end					х			Х				NVMe only
	1.0 01.1									_	_		
nvmFmtSecErase	none user crypto					х			х				NVMe only
	none user crypto current format #												NVMe only
nvmFmtSecErasenvmFormat						x			x				
	current format #												NVMe only
nvmFormatoutputModeoverwrite	current format # sector size raw binary starting LBA maxLBA	x		x					х				NVMe only NVMe only NVMe only Seagate only
nvmFormat outputMode	current format # sector size raw binary starting LBA maxLBA LBA count	x x		x x					х				NVMe only NVMe only NVMe only
nvmFormatoutputModeoverwrite	current format # sector size raw binary starting LBA maxLBA LBA count repeat random								х				NVMe only NVMe only NVMe only Seagate only
nvmFormatoutputModeoverwriteoverwriteRangepattern	current format # sector size raw binary starting LBA maxLBA LBA count			х		x			x				NVMe only NVMe only NVMe only Seagate only Seagate only Seagate only
nvmFormatoutputModeoverwriteoverwriteRangepatternpciStats	current format # sector size raw binary starting LBA maxLBA LBA count repeat random			x		x			х				NVMe only NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only
nvmFormatoutputModeoverwriteoverwriteRangepatternpciStatsperformQuickestErase	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file	x	x	х		x			x				NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only Seagate only
nvmFormatoutputModeoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeed	current format # sector size raw binary starting LBA maxLBA LBA count repeat random		x	x		x		x	x			×	NVMe only NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only
nvmFormatoutputModeoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpoll	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file	x	X	x x		x		X	x x			X	NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only Seagate only
nvmFormatoutputModeoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeed	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file	x	x	x x		x		x	x x	x		X	NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only Seagate only
nvmFormatoutputModeoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpoll	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file 0 1 2 3 4 5 info enable disable all 5 12	x	x	x x		x		x	x x	x		x	NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only Seagate only Seagate only Seagate only Seagate only
nvmFormatoutputModeoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpollpowerBalanceFeaturepowerMeasurementModeprogress	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file 0 1 2 3 4 5 info enable disable all 5 12 dst, sanitize, format, idd	x	x	x x		x		x	x x			x	NVMe only NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only Seagate only Seagate only Seagate only Seagate only Seagate only
nvmFormatoutputModeoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpollpowerBalanceFeaturepowerMeasurementModeprogressprotectionIntervalExponent	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file 0 1 2 3 4 5 info enable disable all 5 12 dst, sanitize, format, idd exponent value	x x x	x	x x x		x			x x x x				NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only Seagate only Seagate only Seagate only Seagate only SATA only Seagate only Seagate only
nvmFormatoutputModeoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpollpowerBalanceFeaturepowerMeasurementModeprogress	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file 0 1 2 3 4 5 info enable disable all 5 12 dst, sanitize, format, idd exponent value 0 1 2 3	x x x	x	x x x		x			x x x x				NVMe only NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only Seagate only Seagate only Seagate only Seagate only Seagate only
nvmFormatoutputModeoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpollpowerBalanceFeaturepowerMeasurementModeprogressprotectionIntervalExponent	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file 0 1 2 3 4 5 info enable disable all 5 12 dst, sanitize, format, idd exponent value 0 1 2 3 newMaxLBA	x x x	x	x x x		x			x x x x				NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only Seagate only Seagate only Seagate only Seagate only SATA only Seagate only Seagate only
nvmFormatoutputModeoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpollpowerBalanceFeaturepowerMeasurementModeprogressprotectionIntervalExponentprovision	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file 0 1 2 3 4 5 info enable disable all 5 12 dst, sanitize, format, idd exponent value 0 1 2 3 newMaxLBA maxLBA	x x x x		x x x		x			x x x x				NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only Seagate only Seagate only Seagate only Seagate only SATA only Seagate only Seagate only Seagate only Seagate only Seagate only Seagate only SAS only SAS only
nvmFormatoutputModeoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpollpowerBalanceFeaturepowerMeasurementModeprogressprotectionIntervalExponentprotectionType	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file 0 1 2 3 4 5 info enable disable all 5 12 dst, sanitize, format, idd exponent value 0 1 2 3 newMaxLBA	x x x x		x x x		x			x x x x		x		NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only Seagate only Seagate only Seagate only Seagate only SATA only Seagate only
nvmFormatoutputModeoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpollpowerBalanceFeaturepowerMeasurementModeprogressprotectionIntervalExponentprovision	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file 0 1 2 3 4 5 info enable disable all 5 12 dst, sanitize, format, idd exponent value 0 1 2 3 newMaxLBA maxLBA	x x x x		x x x		x			x x x x		x		NVMe only NVMe only NVMe only Seagate only Seagate only NVMe only Seagate only NVMe only Seagate only Seagate only Seagate only SATA only Seagate only SAS only SAS only Seagate only Seagate only
nvmFormatoutputModeoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpollpowerBalanceFeaturepowerMeasurementModeprogressprotectionIntervalExponentprotectionTypeprovisionpsid	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file 0 1 2 3 4 5 info enable disable all 5 12 dst, sanitize, format, idd exponent value 0 1 2 3 newMaxLBA maxLBA DrivePSID	x x x x	x	x x x		x	x		x x x x		x		NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only Seagate only Seagate only Seagate only Seagate only SATA only Seagate only
nvmFormatoutputModeoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpollpowerBalanceFeaturepowerMeasurementModeprogressprotectionIntervalExponentprotectionTypeprovisionpsidpuisFeature	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file 0 1 2 3 4 5 info enable disable all 5 12 dst, sanitize, format, idd exponent value 0 1 2 3 newMaxLBA maxLBA DrivePSID	x x x x	x	x x x		x	x		x x x x		x		NVMe only NVMe only NVMe only Seagate only Seagate only NVMe only Seagate only NVMe only Seagate only Seagate only Seagate only SATA only Seagate only SAS only SAS only Seagate only Seagate only
nvmFormatoutputModeoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpollpowerBalanceFeaturepowerMeasurementModeprogressprotectionIntervalExponentprotectionTypeprovisionpsidpuisFeaturerandomTest	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file 0 1 2 3 4 5 info enable disable all 5 12 dst, sanitize, format, idd exponent value 0 1 2 3 newMaxLBA maxLBA DrivePSID enable disable	x x x x x	x	x x x		x	x		x x x x		x		NVMe only NVMe only NVMe only Seagate only Seagate only NVMe only Seagate only NVMe only Seagate only Seagate only Seagate only SATA only Seagate only SAS only SAS only Seagate only Seagate only
nvmFormatoutputModeoverwriteoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpollpowerBalanceFeaturepowerMeasurementModeprogressprotectionIntervalExponentprotectionTypeprovisionpsidpuisFeaturerandomTestreadLookAheadreadyLEDrepopulateElements	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file 0 1 2 3 4 5 info enable disable all 5 12 dst, sanitize, format, idd exponent value 0 1 2 3 newMaxLBA maxLBA DrivePSID enable disable info enable disable	x x x x x x x x x x x x x x x x x x x	x	x x x		x	x		x x x x		x		NVMe only NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only Seagate only Seagate only Seagate only SATA only Seagate only SAS only Seagate only Seagate only Seagate only SAS only Seagate only
nvmFormatoutputModeoverwriteoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpollpowerBalanceFeaturepowerMeasurementModeprogressprotectionIntervalExponentprotectionTypeprovisionpsidpuisFeaturerandomTestreadLookAheadreadyLEDrepopulateElementsrestorePhysicalElements	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file 0 1 2 3 4 5 info enable disable all 5 12 dst, sanitize, format, idd exponent value 0 1 2 3 newMaxLBA DrivePSID enable disable info enable disable	x x x x x x x x x x x x x x x x x x x	x	x x x		x	x		x x x x		x		NVMe only NVMe only NVMe only Seagate only Seagate only NVMe only Seagate only NVMe only Seagate only Seagate only Seagate only SATA only Seagate only SAS only SAS only Seagate only
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nvmFormatoutputModeoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpollpowerBalanceFeaturepowerMeasurementModeprogressprotectionIntervalExponentprotectionTypeprovisionpsidpuisFeaturerandomTestreadLookAheadreadyLEDreopulateElementsremovePhysicalElementsremovePhysicalElementrepairAtEnd	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file 0 1 2 3 4 5 info enable disable all 5 12 dst, sanitize, format, idd exponent value 0 1 2 3 newMaxLBA DrivePSID enable disable info enable disable	x x x x x x x x x x x x x x x x x x x	x	x x x		x	x		x x x x		x		NVMe only NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only Seagate only Seagate only Seagate only SATA only Seagate only SAS only Seagate only
nvmFormatoutputModeoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpollpowerBalanceFeaturepowerMeasurementModeprogressprotectionIntervalExponentprotectionTypeprovisionpsidpuisFeaturerandomTestreadLookAheadreadyLEDrepopulateElementsrestorePhysicalElementsremovePhysicalElement	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file 0 1 2 3 4 5 info enable disable all 5 12 dst, sanitize, format, idd exponent value 0 1 2 3 newMaxLBA DrivePSID enable disable info enable disable info on off default element #	x x x x x x x x x x x x x x x x x x x	x	x x x		x			x x x x		×		NVMe only NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only Seagate only Seagate only Seagate only Seagate only Seagate only SATA only Seagate only SAS only Seagate only
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nvmFormatoutputModeoverwriteoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpollpowerBalanceFeaturepowerMeasurementModeprogressprotectionIntervalExponentprotectionTypeprovisionpsidpuisFeaturerandomTestreadLookAheadreadyLEDrepopulateElementsrestorePhysicalElementsremovePhysicalElementrepairAEndrequistPowerMeasurement	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file 0 1 2 3 4 5 info enable disable all 5 12 dst, sanitize, format, idd exponent value 0 1 2 3 newMaxLBA DrivePSID enable disable info enable disable info on off default element #	x x x x x x x x x x x x x x x x x x x	x	x x x		x	x		x x x x	X	×		NVMe only NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only Seagate only Seagate only Seagate only Seagate only SATA only Seagate only SAS only SAS only Seagate only
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nvmFormatoutputModeoverwriteoverwriteoverwriteRangepatternpciStatsperformQuickestErasephySpeedpollpowerBalanceFeaturepowerMeasurementModeprogressprotectionIntervalExponentprotectionTypeprovisionpsidpuisFeaturerandomTestreadLookAheadreadyLEDrepopulateElementsrestorePhysicalElementsremovePhysicalElementrepairAEndrequistPowerMeasurement	current format # sector size raw binary starting LBA maxLBA LBA count repeat random increment file 0 1 2 3 4 5 info enable disable all 5 12 dst, sanitize, format, idd exponent value 0 1 2 3 newMaxLBA maxLBA DrivePSID enable disable info enable disable info on off default element #	x x x x x x x x x x x x x x x x x x x	x	x x x		x	x		x x x x	X	x		NVMe only NVMe only NVMe only Seagate only Seagate only Seagate only NVMe only Seagate only Seagate only Seagate only Seagate only SATA only Seagate only SAS only SAS only Seagate only

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	info											
	blockerase											
sanitize	cryptoerase			х								
	overwrite freezelock											
asPhy	antifreezelock identifier value	×	х							х		
asPhyPartial	info enable disable	I	^							x		
sPhySlumber	info enable disable									x		
taDAPSfeature	info enable disable									X		
taDIPMfeature	info enable disable									x		
abii Wiicatare	cumulative threshold									^		
siLPReset	defCumulative		х									
SILI NESCE	defThreshold all		^									
	derrineshold all											
siLPResetPage	page# page-subpage#		х									
siMPReset	page# page-subpage#		Х									
siMPRestore	page# page-subpage#		Х									
19.400												
siMPSave	page# page-subpage#		Х									
up IT												
tReadTimer	info value		х									
NAC-1-CI-	info enable disable											
tWriteCache	default		х									
MALIE - Time -	info enable disable											
tWriteTimer	default		х									
WriteCacheReordering	info value		х									
agateClean												Х
agateQuickFormat					Х			Х				
conds	seconds	х		Х		Х						
urityInitialize					х							
APMLevel										х		
:MaxLBA	newMaxLBA		.,									
IVIAXLBA	maxLBA	X	х									
AADIE	defects to C											,
MRIE	default 0 - 6											Х
	default, highest,											
tPowerConsumption	intermediate, lowest, watt									х		
	value											
SectorSize	new sector size				х			Х				
SCSIMP	man I filo											
SCSIIVIP	mp file		х									
ortDST		х						Х				Х
rtGeneric						Х						
wAPMLevel										Х		
wConcurrentRanges							Х				. –	
owDSTLog	1											
wEPCSettings												Х
,										Х		х
owEraseSupport				x						х		х
owEraseSupport				х	x					x		х
owEraseSupport owFormatStatusLog owLockedRegions				x	x					x	X	х
owEraseSupport owFormatStatusLog owLockedRegions	classic buffer		x	x	x					x	x	х
owEraseSupport owFormatStatusLog owLockedRegions owMPOutputMode	classic buffer		x	x	x					x	x	x
owEraseSupport owFormatStatusLog owLockedRegions owMPOutputMode owPhysicalElementStatus	classic buffer		x							x	x	x
owEraseSupport owFormatStatusLog owLockedRegions owMPOutputMode owPhysicalElementStatus owPowerConsumption	classic buffer		x								x	x
wEraseSupport wFormatStatusLog wLockedRegions wMPOutputMode wPhysicalElementStatus wPowerConsumption wPowerTelemetry	classic buffer		x				x			x	x	x
owEraseSupport owFormatStatusLog owLockedRegions owMPOutputMode owPhysicalElementStatus owPowerConsumption owPowerTelemetry owSCSIDefects	-		x				x			x	x	
owEraseSupport owFormatStatusLog owLockedRegions owMPOutputMode owPhysicalElementStatus owPowerConsumption owPowerTelemetry owSCSIDefects owSCSIMP	p g pg		X				x			x	x	
owEraseSupport owFormatStatusLog owLockedRegions owMPOutputMode owPhysicalElementStatus owPowerConsumption owPowerTelemetry owSCSIDefects	P g Pg page# page-subpage#						x			x	x	
owEraseSupport owFormatStatusLog owLockedRegions owMPOutputMode owPhysicalElementStatus owPowerConsumption owPowerTelemetry owSCSIDefects owSCSIMP	p g pg page# page-subpage# current default		X				x			x	X	x
wEraseSupport wFormatStatusLog wLockedRegions wMPOutputMode wPhysicalElementStatus wPowerConsumption wPowerTelemetry wSCSIDefects wSCSIMP	p g pg page# page-subpage# current default saved changeable all		X				х			x	X	
wEraseSupport wFormatStatusLog wLockedRegions wMPOutputMode wPhysicalElementStatus wPowerConsumption wPowerTelemetry wSCSIDefects wSCSIMP wSCSIMPControl	p g pg page# page-subpage# current default saved changeable all summary		X				x	x	x	x	x	x
wEraseSupport wFormatStatusLog wLockedRegions wMPOutputMode wPhysicalElementStatus wPowerConsumption wPowerTelemetry wSCSIDefects wSCSIMP wSCSIMPControl wSMARTErrorLog wSupportedFormats	p g pg page# page-subpage# current default saved changeable all summary		X		x		x	x	x	x	x	x
wEraseSupport wFormatStatusLog wLockedRegions wMPOutputMode wPhysicalElementStatus wPowerConsumption wPowerTelemetry wSCSIDefects wSCSIMP wSCSIMPControl wSMARTErrorLog wSupportedFormats	p g pg page# page-subpage# current default saved changeable all summary		X		×		x	x	x	x	x	x
wEraseSupport wFormatStatusLog wLockedRegions wMPOutputMode wPhysicalElementStatus wPowerConsumption wPowerTelemetry wSCSIMP wSCSIMP wSCSIMPControl wSMARTErrorLog wSupportedFormats wSupportedProtectionTypes	p g pg page# page-subpage# current default saved changeable all summary comprehensive		X	x	×		x	x	x	x		x
owEraseSupport owFormatStatusLog owLockedRegions owMPOutputMode owPhysicalElementStatus owPowerConsumption owPowerTelemetry owSCSIDEfects owSCSIMP owSCSIMP owSCSIMP owSCSIMPcontrol owSMARTErrorLog owSupportedFormats owSupportedProtectionTypes	p g pg page# page-subpage# current default saved changeable all summary comprehensive		X	x	×		x	x	x	x		x
owEraseSupport owFormatStatusLog owLockedRegions owMPOutputMode owPhysicalElementStatus owPowerConsumption owPowerTelemetry owSCSIDefects owSCSIMP owSCSIMPControl owSMARTErrorLog owSupportedFormats owSupportedProtectionTypes	p g pg page# page-subpage# current default saved changeable all summary comprehensive		X	x	×		x	x	x	x		x
owEraseSupport owFormatStatusLog owLockedRegions owMPOutputMode owPhysicalElementStatus owPowerConsumption owPowerTelemetry owSCSIDefects owSCSIMP owSCSIMPControl owSMARTErrorLog owSupportedFormats owSupportedProtectionTypes owartAttributeAutosave	p g pg page# page-subpage# current default saved changeable all summary comprehensive yourTCGpassword enable disable raw analyzed		X	x	×			x	x	x		x x x x x
owEraseSupport owFormatStatusLog owLockedRegions owMPOutputMode owPhysicalElementStatus owPowerConsumption owPowerTelemetry owSCSIDefects owSCSIMP	p g pg page# page-subpage# current default saved changeable all summary comprehensive yourTCGpassword enable disable		X	x	×			x	x	x		x x x
owEraseSupport owFormatStatusLog owLockedRegions owMPOutputMode owPhysicalElementStatus owPowerConsumption owPowerTelemetry owSCSIDefects owSCSIMP owSCSIMPControl owSMARTErrorLog owSupportedFormats owSupportedProtectionTypes InartAttributeAutosave	p g pg page# page-subpage# current default saved changeable all summary comprehensive yourTCGpassword enable disable raw analyzed	x	X	x	×			x	x	x		x x x x x
owEraseSupport owFormatStatusLog owLockedRegions owMPOUtputMode owPhysicalElementStatus owPowerConsumption owPowerTelemetry owSCSIDefects owSCSIMP owSCSIMPControl owSMARTErrorLog owSupportedFormats owSupportedProtectionTypes InartAttributeAutosave martAttributeS martAutoOffline	p g pg page# page-subpage# current default saved changeable all summary comprehensive yourTCGpassword enable disable raw analyzed		X	x	×			x	x	x		x x x x x
owEraseSupport owFormatStatusLog owLockedRegions owMPOUtputMode owPhysicalElementStatus owPowerConsumption owPowerTelemetry owSCSIDefects owSCSIMP owSCSIMPControl owSMARTErrorLog owSupportedFormats owSupportedProtectionTypes lartAttributeAutosave martAttributes martAttributes martAutoOffline	p g pg page# page-subpage# current default saved changeable all summary comprehensive yourTCGpassword enable disable raw analyzed enable disable		X	x	×			x	x	x		x x x x x x

smartInfo	-		1	1		-				- 1			х	SATA only
spinDown	-	x									х		X	SATA only
·	info enable disable	<u> </u>	 	 		\dashv		_	\dashv		^		H	SATA only
sscFeature	default		х											Seagate only
standby	enable disable default timerValueMilliseconds										x			
standby_y	enable disable default timerValueMilliseconds										x			
standby_z	enable disable default timerValueMilliseconds										x			
stopOnError							х							
stopOnListError						Х								SAS only
swtchFW	4	<u> </u>			Х									NVMe only
tcgInfo	4 1 2 1 2	_										Х		
telemetryDataArea tempStats	1 2 3	_								X X				NVMe only NVMe only
transitionPower	active idle idleUnload standby idle_a idle_b idle_c standby_y standby_z sleep									^	x			NAME OF THE PARTY
transitionPowerState	new power state									Х	х			NVMe only
trim	starting LBA maxLBA	х		х										SATA &NVMe Seagate only
trimRange	LBA count	х		х										SATA &NVMe Seagate only
twoMinuteGeneric	<u> </u>	L	<u> </u>				х						Щ	
udsPort unlockATASec	lock unlock	_						_				x		Seagate only SATA only
uniockarasec		-						_				×		SAS only
unmap	starting LBA maxLBA	x		х										Seagate only SAS only
unmapRange	LBA count	х		х										Seagate only
userGenericRange	LBA count						Х							
userGenericStart	starting LBA maxLBA	<u> </u>					Х							
volatile writeCache	info Lanabla Ldicabla		X											
writeSame	info enable disable starting LBA maxLBA	х	х	х				_						Seagate only
writeSameRange	LBA count	\vdash		X					_ t					Seagate only
				•				•						
Features Common to all tools	Options		1		1					-			_	
childModelMatch	_	Х	Х	Х	Х	Х	Х	Х	Х		Х	Х	Х	USB Only - not shown in help. UsemodelMatch instead when possible
childNewFW childOnlyFW	-				X									USB Only - not shown in help. UsemodelMatch instead when possible
csmiVerbose	-	X	X	x	X X	x	x	x			x	x	X	USB Only - not shown in help. UsemodelMatch instead when possible
-d,device	deviceHandle	X	X	X	X	x	X	x	х	х	x	×	X	
-i,deviceInfo	deviceriariare		1						х				х	
echoCommandLine		x		х	х	х	х	х			х	х		
enableLegacyUSBPassthrough		х	Х	Х	х	Х	Х	Х			Х	Х	х	
force						Х			х					Only works with certain options. Does not guarantee success
forceATA		х	Х	Х	х	Х	Х	Х			Х	Х	х	
forceATADMA	_	х	х	Х	Х	Х	Х	Х			Х	х		SATA only
forceATAPIO	_	X	X	X	Х	Х	Х	Х			х	X	X	SATA only
forceATAUDMA forceSCSI	-	X	X	X	X	x	x	X			x	x	X	SATA only
-h,help	-	X	x	X	X	X	X	x	х	х	Х	X	X	
license	-	X	X	X	X	x	X	x	_	x	x	x	X	
modelMatch	+	X	X	х	х	х	х	х	х		х	x	X	
	model Number		•	_	х	х	х	х		_	х	х	х	
onlyFW	model Number fw rev	х	х	Х	_^ :			_	-	\neg	Х	Х	х	
onlyFW onlySeagate		х	х	x	X	х	Х	х	Х			_	-	
onlySeagate -q,quiet		x	X X	x x	x	х	Х	х	х	х	Х	х	х	
onlySeagate -q,quiet SATInfo		x x x	X X X	x x x	x x x	x	X X	X X			x	X X	x	SATA only
onlySeagate -q,quiet	sd, sgtosd, ata, usb, scsi, nvme, interfaceATA, interfaceUSB, interfaceSCSI, interfaceNVME, ignoreCSMI (Win only),	x	X X X	x x	x	х	Х	х		x x	Х	х	х	SATA only Some options are OS specific
onlySeagate -q,quietSATInfo -s,scan, -S,Scan -F,scanFlags	sd, sgtosd, ata, usb, scsi, nvme, interfaceATA, interfaceUSB, interfaceSCSI, interfaceNVME,	x x x	x x x x	x x x x	x x x	x x x	x x x	x x x	x	x	x x x	x x x	x x x	Some options
onlySeagate -q,quiet SATInfo -s,scan, -S,Scan	sd, sgtosd, ata, usb, scsi, nvme, interfaceATA, interfaceUSB, interfaceSCSI, interfaceNVME, ignoreCSMI (Win only),	x x x	x x x x	x x x	x x x	x x	x x x	x x x	x	х	x x	x x x	x x x	Some options

-v,verbose	0 1 2 3 4	Х	Х	х	Х	х	х	х		х	Х	х	х	
-Vversion		Х	Х	Х	х	Х	х	х	х	х	х	х	Х	