Current SeaChest Utilities blockpoint release: 14-Jul-2017

Current SeaCLibs libraries release: 1_16_1 (14-Jul-2017)

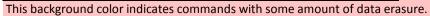This background color indicates commands with some amount of data erasure.

Interim release dates:

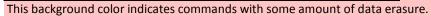| Features	Options	Basics v2.7.0	Configure v1.10.0	Erase v1.7.0	Firmware v2.5.0	FormatUnit v1.0.0	GenericTests v1.7.0	Info v1.3.0	PowerChoice v1.7.0	Security v1.6.0	SMART v1.9.0	Constraints
--abortDST		x									x	
--abortIDD		x									x	Seagate only
--activateFW		x			x							Seagate only
--butterflyTest							x					
--calculateFileHash	fwfilename				x							
--changePower									x			
--checkPowerMode		x							x			
--confirm	I-understand…	x		x			x			x	x	
--conveyanceDST											x	
--csmiInfo								x				Windows only
--defaultFormat						x						SAS only
--defaultMode									x			
--deviceStatistics								x				
--diameterTest	O | M | I						x					
--diameterTestRange	LBA count						x					
--disableAPM									x			SATA only
--disableATASecurityPW	ASCIIPW user | master		x	x								
--disableCertification						x						SAS only
--disableDataLocking										x		Seagate only
--disableMode									x			
--disablePrimaryList						x						SAS only
--discardGList						x						SAS only
--disableImmediateResponse						x						SAS only
--displayLBA	LBA | maxLBA	x		x		x			x			
--downloadFW	fwfilename	x			x							Seagate only
--downloadMode	immediate segmented deferred activate	x			x							Seagate only
--dstAndClean											x	
--enableMode									x			
--EPCfeature	enable | disable								x			
--errorLimit	number						x				x	
--fastFormat	mode			x		x						SAS only Seagate only
--forceSeagateDepop				x								Seagate only
--formatUnit	current new sector size			x		x						SAS only Seagate only

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--fwdlConfig	config filename				x							Seagate only
--fwdlDryRun					x							
--fwdlInfo					x							
--fwdlPort	lock | unlock									x		Seagate only
--fwdlSegSize	number				x							Seagate only
--genericMode	read write (Seagate only) verify						x					Seagate only on write option
--hideLBACounter		x		x			x					
--hours	hours	x		x			x					
--idd	short | long | repair	x									x	SATA only Seagate only
--ieee1667Port	lock | unlock									x		Seagate only
--longDST											x	
--longGeneric							x					
--lowCurrentSpinup	enable | disable		x									SATA only Seagate only
--minutes	minutes	x		x			x					
--modeTimer	milliseconds								x			
--newFW	fw rev				x							
--overwrite	starting LBA | maxLBA	x		x								Seagate only
--overwriteRange	LBA count	x		x								Seagate only
--pattern	repeat random increment file			x		x						Seagate only
--performQuickestErase				x								Seagate only
--phySpeed	0 | 1 | 2 | 3 | 4 | 5	x	x									Seagate only
--pin11	on | off default	x	x									SAS only
--poll		x		x							x	
--powerMode	power mode								x			
--progress	DST sanitize format	x		x							x	
--protectionIntervalExponent	exponent value					x						SAS only
--protectionType	0 | 1 | 2 | 3					x						SAS only
--provision	newMaxLBA maxLBA	x	x									Seagate only

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--puisFeature	enable | disable		x									SATA only Seagate only
--randomTest							x					
--readLookAhead	info enable disable	x	x									
--removePhysicalElement	element #			x								Seagate only
--repairAtEnd							x					Seagate only
--repairOnFly							x					Seagate only
--restoreMaxLBA		x	x									
--revert				x						x		Seagate only
--revertSP	DrivePSID			x						x		Seagate only
--sanitize	info blockerase cryptoerase overwrite freezelock antifreezelock			x								Seagate only
--sasPhy	identifier value	x	x									
--sctReadTimer	info | value		x									SATA only Seagate only
--sctWriteCache	info enable disable default		x									SATA only Seagate only
--sctWriteTimer	info enable disable default		x									SATA only Seagate only
--sctWriteCacheReordering	info | value		x									SATA only Seagate only
--seagateClean											x	Seagate only
--seconds	seconds	x		x			x					
--secureErase	normal | enhanced			x								SATA only Seagate only
--securityInitialize						x						SAS only
--setAPMLevel									x			SATA only
--setMaxLBA	newMaxLBA maxLBA	x	x									

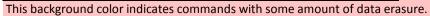This background color indicates commands with some amount of data erasure.

SEAGATE

Features	Options	v2.7.0 Basics	v1.10.0 Configure	v1.7.0 Erase	v2.5.0 Fimrware	v1.0.0 FormatUnit	v1.7.0 GenericTests	v1.3.0 Info	v1.7.0 PowerChoice	v1.6.0 Security	v1.9.0 SMART	Constraints
--setMRIE	default | 0 - 6										x	SAS only Seagate only
--setPowerConsumption	default highest intermediate lowest watt value								x			SAS only Seagate only
--setSectorSize	new sector size		x									Seagate only
--shortDST		x									x	
--shortGeneric							x					
--showAPMLevel									x			SATA only
--showDSTLog											x	
--showEPCSettings									x			
--showFormatStatusLog						x						SAS only
--showLockedRegions										x		
--showPhysicalElementStatus			x									
--showPowerConsumption									x			SAS only
--showSupportedProtectionTypes						x						SAS only
--showSupportedSectorSizes			x			x						
--sid	yourTCGpassword									x		
--smartAttributeAutosave	enable | disable										x	SATA only Seagate only
--smartAttributes	raw | analyzed	x						x			x	SATA only
--smartAutoOffline	enable | disable										x	SATA only Seagate only
--smartCheck		x									x	
--smartFeature	enable | disable										x	SATA only Seagate only
--smartInfo											x	SATA only
--spinDown		x							x			
--sscFeature	info enable disable default		x									SATA only Seagate only
--stopOnError							x					
--stopOnListError						x						SAS only
--tcgInfo										x		
--transitionPower									x			

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Features	Options	Basics v2.7.0	Configure v1.10.0	Erase v1.7.0	Fimrware v2.5.0	FormatUnit v1.0.0	GenericTests v1.7.0	Info v1.3.0	PowerChoice v1.7.0	Security v1.6.0	SMART v1.9.0	Constraints
--trim	starting LBA | maxLBA	x		x								SATA only Seagate only
--trimRange	LBA count	x		x								SATA only Seagate only
--twoMinuteGeneric							x					
--udsPort	lock | unlock									x		Seagate only
--unmap	starting LBA | maxLBA	x		x								SAS only Seagate only
--unmapRange	LBA count	x		x								SAS only Seagate only
--userGenericRange	LBA count						x					
--userGenericStart	starting LBA | maxLBA						x					
--writeCache	info enable disable	x	x									
--writeSame	starting LBA | maxLBA			x								Seagate only
--writeSameRange	LBA count			x								Seagate only

Features Common to all tools	Options											
--childModelMatch		x	x	x	x		x	x	x	x	x	USB Only
--childNewFW		x	x	x	x		x	x	x	x	x	USB Only
--childOnlyFW		x	x	x	x		x	x	x	x	x	USB Only
--csmiIgnorePort		x	x	x	x		x	x	x	x	x	Windows only
--csmiUsePort		x	x	x	x		x	x	x	x	x	Windows only
--csmiVerbose		x	x	x	x		x	x	x	x	x	Windows only
-d, --device	deviceHandle	x	x	x	x		x	x	x	x	x	
-i, --deviceInfo		x	x	x	x		x	x	x	x	x	
--echoCommandLine		x	x	x	x		x	x	x	x	x	
--enableLegacyUSBPassthrough		x	x	x	x		x	x	x	x	x	
--forceATA		x	x	x	x		x	x	x	x	x	
--forceATADMA		x	x	x	x		x	x	x	x	x	SATA only
--forceATAPIO		x	x	x	x		x	x	x	x	x	SATA only
--forceATAUDMA		x	x	x	x		x	x	x	x	x	SATA only
--forceSCSI		x	x	x	x		x	x	x	x	x	
-h, --help		x	x	x	x		x	x	x	x	x	
--hideLBACounter		x	x	x	x		x	x	x	x	x	
--license		x	x	x	x		x	x	x	x	x	
--modelMatch	model Number	x	x	x	x		x	x	x	x	x	

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--onlyFW	fw rev	x	x	x	x		x	x	x	x	x	
--onlySeagate		x	x	x	x		x	x	x	x	x	
-q, --quiet		x	x	x	x		x	x	x	x	x	
--sat12byte		x	x	x	x		x	x	x	x	x	
--SATInfo		x	x	x	x		x	x	x	x	x	SATA only
-s, --scan, -S, --Scan		x	x	x	x		x	x	x	x	x	
-F, --scanFlags	sd sgtosd ata usb scsi interfaceATA interfaceUSB interfaceSCSI ignoreCSMI (Win only) allowDuplicates (Win only)	x	x	x	x		x	x	x	x	x	
--testUnitReady		x	x	x	x		x	x	x	x	x	
--usbChildInfo		x	x	x	x		x	x	x	x	x	USB Only
-v, --verbose	0 | 1 | 2 | 3 | 4	x	x	x	x		x	x	x	x	x	
-V, --version		x	x	x	x		x	x	x	x	x	