Current SeaChest Utilities blockpoint release: 26-Oct-2017

Current SeaCLibs libraries release: 1_17_7 (02-Nov-2017)

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

Interim release dates:

Features	Options	Basics v2.7.1	Configure v1.11.0	Erase v1.7.3	Firmware v2.5.2	Format v1.2.0	GenericTests v1.7.1	Info v1.3.1	PowerControl v1.8.2	Security v1.6.1	SMART v1.9.1	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
--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
--firmwareSlot	slot#				x							
--forceSeagateDepop				x								Seagate only
--formatUnit	current new sector size			x		x						SAS only Seagate only
--fwBufferID	slot#				x							

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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	
--powerBalanceFeature	info enable disable								x			SATA only Seagate only
--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

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SEAGATE

Features	Options	Basics v2.7.1	Configure v1.11.0	Erase v1.7.3	Firmware v2.5.2	Format v1.2.0	GenericTests v1.7.1	Info v1.3.1	PowerControl v1.8.2	Security v1.6.1	SMART v1.9.1	Constraints
--provision	newMaxLBA maxLBA	x	x									Seagate only
--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									
--sataDAPSfeature	info enable disable								x			SATA only
--sataDIPMfeature	info enable disable								x			SATA only
--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

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--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									
--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			

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--sscFeature	info enable disable default		x									SATA only Seagate only
--stopOnError							x					
--stopOnListError						x						SAS only
--tcgInfo										x		
--transitionPower									x			
--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					
=B38	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	x	USB Only
--childNewFW		x	x	x	x	x	x	x	x	x	x	USB Only
--childOnlyFW		x	x	x	x	x	x	x	x	x	x	USB Only
--csmiIgnorePort		x	x	x	x	x	x	x	x	x	x	Windows only
--csmiUsePort		x	x	x	x	x	x	x	x	x	x	Windows only
--csmiVerbose		x	x	x	x	x	x	x	x	x	x	Windows only
-d, --device	deviceHandle	x	x	x	x	x	x	x	x	x	x	
-i, --deviceInfo		x	x	x	x	x	x	x	x	x	x	
--echoCommandLine		x	x	x	x	x	x	x	x	x	x	
--enableLegacyUSBPassthrough		x	x	x	x	x	x	x	x	x	x	
--forceATA		x	x	x	x	x	x	x	x	x	x	
--forceATADMA		x	x	x	x	x	x	x	x	x	x	SATA only

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--forceATAPIO		x	x	x	x	x	x	x	x	x	x	SATA only
--forceATAUDMA		x	x	x	x	x	x	x	x	x	x	SATA only
--forceSCSI		x	x	x	x	x	x	x	x	x	x	
-h, --help		x	x	x	x	x	x	x	x	x	x	
--hideLBACounter		x	x	x	x	x	x	x	x	x	x	
--license		x	x	x	x	x	x	x	x	x	x	
--modelMatch	model Number	x	x	x	x	x	x	x	x	x	x	
--onlyFW	fw rev	x	x	x	x	x	x	x	x	x	x	
--onlySeagate		x	x	x	x	x	x	x	x	x	x	
-q, --quiet		x	x	x	x	x	x	x	x	x	x	
--sat12byte		x	x	x	x	x	x	x	x	x	x	
--SATInfo		x	x	x	x	x	x	x	x	x	x	SATA only
-s, --scan, -S, --Scan		x	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	x	
--testUnitReady		x	x	x	x	x	x	x	x	x	x	
--usbChildInfo		x	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	x	
-V, --version		x	x	x	x	x	x	x	x	x	x	