Current SeaChest Utilities blockpoint release: 07-May-2018

Current SeaCLibs libraries release: 1_18_0 (07-May-2018)

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

SEAGATE

Interim release dates:

Features	Options	Basics v2.7.2	Configure v1.12.0	Erase v1.7.3	Firmware v2.5.2	Format v1.2.0	GenericTests v1.7.2	Info v1.3.1	Lite v1.0.0	PowerControl v1.9.0 NEW	Security v1.6.1	SMART v1.9.1	Constraints
--abortDST		x										x	
--abortIDD		x										x	Seagate only
--activateFW		x			x								Seagate only
--active										x			
--bufferTest							x						
--butterflyTest							x						
--calculateFileHash	fwfilename				x								
--captive												x	
--changePower										x			
--checkPowerMode		x								x			
--confirm	I-understand…	x		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			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
--foreground												x	

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--formatUnit	current / new sector size			x		x							SAS only / Seagate only
--fwBufferID	slot#				x								
--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	x										x	SATA only / Seagate only
--idle										x			
--idleUnload										x			
--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		x	
--powerBalanceFeature	info, enable, disable									x			SATA only / Seagate only
--powerMode	power mode									x			
--progress	dst, sanitize, format, idd	x		x						x		x	
--protectionIntervalExponent	exponent value					x							SAS only
--protectionType	0 | 1 | 2 | 3					x							SAS only

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Features	Options	v2.7.2 Basics	v1.12.0 Configure	v1.7.3 Erase	v2.5.2 Fimrware	v1.2.0 Format	v1.7.2 GenericTests	v1.3.1 Info	v1.0.0 Lite	v1.9.0 PowerControl	v1.6.1 Security	v1.9.1 SMART	Constraints
--provision	newMaxLBA maxLBA	x	x										Seagate only
--puisFeature	enable | disable		x										SATA only Seagate only
--randomTest							x						
--readLookAhead	info, enable, disable	x	x										
--readyLED	on | off | default	x	x										SAS only
--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
--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

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--setPowerConsumption	default, highest, intermediate, lowest, watt value									x			SAS only Seagate only
--setSectorSize	new sector size					x			x				Seagate only
--shortDST		x						x				x	
--shortGeneric							x						
--showAPMLevel										x			SATA only
--showDSTLog												x	
--showEPCSettings										x			
--showEraseSupport				x									
--showFormatStatusLog						x							SAS only
--showLockedRegions											x		
--showPhysicalElementStatus				x									
--showPowerConsumption										x			SAS only
--showSupportedProtectionTypes						x							SAS only
--showSupportedSectorSizes			x			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
--standby										x			
--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

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--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	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	x	
-i, --deviceInfo		x	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
--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	x	
--license		x	x	x	x	x	x	x	x	x	x	x	
--modelMatch	model Number	x	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	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	x	

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-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	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	x	

Interim release dates:

Current versions: