

Current SeaChest Utilities blockpoint release: 27-Jul-2017

Current SeaCLibs libraries release: 1_16_2 (27-Jul-2017)

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



SEAGATE

Interim release dates:

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

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		Basics	Configure	Erase	Firmware	FormatUnit	GenericTests	Info	PowerChoice	Security	SMART	
--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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		Basics	Configure	Erase	Firmware	FormatUnit	GenericTests	Info	PowerChoice	Security	SMART	
--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
--setAPMLLevel								x				SATA only
--setMaxLBA	newMaxLBA maxLBA	x	x									

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		Basics	Configure	Erase	Firmware	FormatUnit	GenericTests	Info	PowerChoice	Security	SMART	
--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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		<u>Basics</u>	<u>Configure</u>	<u>Erase</u>	<u>Firmware</u>	<u>FormatUnit</u>	<u>GenericTests</u>	<u>Info</u>	<u>PowerChoice</u>	<u>Security</u>	<u>SMART</u>	<u>Constraints</u>
--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 SAS only
--unmap	starting LBA maxLBA	x		x								Seagate only SAS only
--unmapRange	LBA count	x		x								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
--csmIgnorePort		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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		Basics	Configure	Erase	Firmware	FormatUnit	GenericTests	Info	PowerChoice	Security	SMART	
--onlyFW	fw rev	x	x	x	x		x	x	x	x	x	SATA only
--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	
-s, --scan, -S, --Scan		x	x	x	x		x	x	x	x	x	
-F, --scanFlags	sd sgtосd ata usb scsi interfaceATA interfaceUSB interfaceSCSI ignoreCSMI (Win only) allowDuplicates (Win only)	x	x	x	x		x	x	x	x	x	USB Only
--testUnitReady		x	x	x	x		x	x	x	x	x	
--usbChildInfo		x	x	x	x		x	x	x	x	x	
-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	