

Current SeaChest Utilities blockpoint release: 18-Oct-2018

Current SeaCLibs libraries release: 1_18_3 (18-Oct-2018)

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

Interim release dates:



		Current versions:												
Features	Options	Basics	Configure	Erase	Firmware	Format	GenericTests	Info	Lite	NVMe	PowerControl	Security	SMART	Constraints
--abortDST		x											x	Seagate only
--abortIDD		x											x	
--activateFW		x			x									
--active											x			
--bufferTest							x							
--butterflyTest							x							
--calculateFileHash	fwfilename				x									Seagate only
--captive													x	
--changePower											x			
--checkPowerMode		x								x	x			
--confirm		l-understand...	x		x			x		x			x	x
--conveyanceDST													x	Windows only
--csmlInfo								x						
--defaultMode											x			
--defectFormat	shortBlock 0 xbfi 1 xchs 2 longBlock 3 bfi 4 chs 5							x					x	SAS only
--deviceStatistics								x						SATA only
--diameterTest	O M I						x							
--diameterTestRange	LBA count						x							
--disableAPM											x			
--disableATASecurityPW	ASCIIPW user master		x	x										SAS only Seagate only
--disableCertification						x								
--disableDataLocking												x		
--disableMode											x			
--disablePrimaryList							x							
--discardGList						x								SAS only
--disableImmediateResponse						x								SAS only
--displayLBA	LBA maxLBA	x		x		x						x		Seagate only
--downloadFW	fwfilename	x			x				x	x				
--downloadMode	immediate segmented deferred activate	x			x					x				Seagate only
--dstAndClean													x	
--enableMode											x			
--EPCfeature		enable disable									x			
--errorLimit		number						x					x	

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--fastFormat	mode			x		x								SAS only Seagate only
--firmwareSlot	slot#				x									
--foreground													x	
--formatUnit	current new sector size			x		x				x				SAS NVMe 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
--getFeatures	help list #									x				NVMe only
--getLogPage	Error SMART FWSlots SuppCmds SelfTest #									x				NVMe only
--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									
--outputMode	raw binary									x				NVMe only
--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	

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--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
--provision	newMaxLBA maxLBA	x	x											Seagate only
--puisFeature	enable disable		x											SATA only Seagate only
--randomTest							x							
--readLookAhead	info, enable, disable	x	x											
--readyLED	info 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
--setAPMLLevel											x			SATA only

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--setMaxLBA	newMaxLBA maxLBA	x	x											SAS only Seagate only	
--setMRIE	default 0 - 6												x		
--setPowerConsumption	default, highest, intermediate, lowest, watt value										x			SAS only Seagate only	
--setSectorSize	new sector size					x			x					Seagate only	
--shortDST		x							x				x	SATA only	
--shortGeneric							x								
--showAPMLLevel											x				
--showDSTLog													x		
--showEPCSettings											x			SAS only	
--showEraseSupport				x											
--showFormatStatusLog						x								SAS only	
--showLockedRegions													x		
--showPhysicalElementStatus				x											SAS only
--showPowerConsumption											x				
--showSCSIDefects	p, g, pg							x					x	SAS only SAS only	
--showSMARTErrorLog	summary comprehensive												x	SATA only	
--showSupportedProtectionTypes						x								SAS only	
--showSupportedSectorSizes						x			x						
--sid	yourTCGpassword											x		SATA only Seagate only	
--smartAttributeAutosave	enable disable												x		
--smartAttributes	raw analyzed	x						x					x		
--smartAutoOffline	enable disable												x		
--smartCheck		x											x	SATA only SATA only Seagate only	
--smartErrorLogFormat	raw detailed												x		
--smartFeature	enable disable												x		
--smartInfo													x		
--spinDown			x									x			
--sscFeature	info, enable, disable, default		x											SATA only Seagate only	
--standby	new power state										x			SAS only	
--stopOnError							x								
--stopOnListError						x									
--tcgInfo												x			
--transitionPower												x		NVMe only	
--transitionPowerState											x				

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Interim release dates:



Current versions:		v2.7.4	v1.12.2	v1.7.4	v2.5.4	v1.2.1	v1.7.3	v1.4.1	v1.0.1	v0.0.3	v1.9.1	v1.6.2	v1.11.0	Constraints
Features	Options	_Basics	_Configure	_Erase	_Firmware	_Format	_GenericTests	_Info	_Lite	_NVMe	_PowerControl	_Security	_SMART	
--trim	starting LBA maxLBA	x		x										SATA only Seagate only
--trimRange	LBA count	x		x										
--twoMinuteGeneric							x							Seagate only
--udsPort	lock unlock											x		
--unmap	starting LBA maxLBA	x		x										Seagate only SAS only Seagate only SAS only Seagate only
--unmapRange	LBA count	x		x										
--userGenericRange	LBA count						x							Seagate only Seagate only
--userGenericStart	starting LBA maxLBA						x							
--writeCache	info, enable, disable	x	x											Seagate only Seagate only
--writeSame	starting LBA maxLBA			x										
--writeSameRange	LBA count			x										USB Only USB Only USB Only Windows only Windows only Windows only
Features Common to all tools		x	x	x	x	x	x	x	x		x	x	x	
--childModelMatch		x	x	x	x	x	x	x			x	x	x	SATA only SATA only SATA only
--childNewFW		x	x	x	x	x	x	x			x	x	x	
--childOnlyFW		x	x	x	x	x	x	x			x	x	x	SATA only SATA only SATA only
--csmiIgnorePort		x	x	x	x	x	x	x			x	x	x	
--csmiUsePort		x	x	x	x	x	x	x			x	x	x	SATA only SATA only SATA only
--csmiVerbose		x	x	x	x	x	x	x			x	x	x	
-d, --device	deviceHandle	x	x	x	x	x	x	x	x	x	x	x	x	SATA only SATA only SATA only
-i, --deviceInfo		x	x	x	x	x	x	x	x	x	x	x	x	
--echoCommandLine		x	x	x	x	x	x	x			x	x	x	SATA only SATA only SATA only
--enableLegacyUSBPassthrough		x	x	x	x	x	x	x			x	x	x	
--forceATA		x	x	x	x	x	x	x			x	x	x	SATA only SATA only SATA only
--forceATADMA		x	x	x	x	x	x	x			x	x	x	
--forceATAPIO		x	x	x	x	x	x	x			x	x	x	SATA only SATA only SATA only
--forceATAUDMA		x	x	x	x	x	x	x			x	x	x	
--forceSCSI		x	x	x	x	x	x	x			x	x	x	SATA only SATA only SATA only
-h, --help		x	x	x	x	x	x	x	x	x	x	x	x	
--license		x	x	x	x	x	x	x	x	x	x	x	x	SATA only SATA only SATA only
--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	SATA only SATA only SATA only
--onlySeagate		x	x	x	x	x	x	x	x		x	x	x	
-q, --quiet		x	x	x	x	x	x	x		x	x	x	x	SATA only SATA only SATA only
--sat12byte		x	x	x	x	x	x	x			x	x	x	
--SATInfo		x	x	x	x	x	x	x			x	x	x	SATA only SATA only SATA only
-s, --scan, -S, --Scan		x	x	x	x	x	x	x	x	x	x	x	x	

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		Current versions:												Constraints
Features	Options	v2.7.4 _Basics	v1.12.2 _Configure	v1.7.4 _Erase	v2.5.4 _Firmware	v1.2.1 _Format	v1.7.3 _GenericTests	v1.4.1 _Info	v1.0.1 _Lite	v0.0.3 _NVMe	v1.9.1 _PowerControl	v1.6.2 _Security	v1.11.0 _SMART	
-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	x	USB Only
--testUnitReady		x	x	x	x	x	x	x		x	x	x	x	
--usbChildInfo		x	x	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	x	x	
-V, --version		x	x	x	x	x	x	x	x	x	x	x	x	