

Current SeaChest Utilities blockpoint release: 17-Jun-2021

Current SeaCLibs libraries release: 17-Jun-2021

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

Interim release dates:



		Current versions:													
Features	Options	v3.1.0 Basics	v2.0.2 Configure	v3.1.1 Erase	v3.1.0 Firmware	v2.3.1 Format	v2.0.1 GenericTests	v2.1.0 Info	v1.5.0 Lite	v2.0.0 NVMe	v3.0.2 PowerControl	v3.0.1 Security	v2.0.1 SMART	Constraints	
--abortDST		x											x	Seagate only	
--abortIDD													x		
--activateFW		x			x										Seagate only
--ataSecFreeze												x			SATA only
--ataSATsecurityProtocol	enable disable			x								x		SATA only	
--ataSecPassword	"ASCII password" SeaChest empty			x								x		SATA only	
--ataSecPassType	user master			x								x		SATA only	
--ataSecPWMod	byteswapped zeropad spacepad fpad leftAlign rightAlign uppercase lowercase invertcase				x							x		SATA only	
--ataSecureErase	normal enhanced			x								x		SATA only	
--ataSecurityInfo												x		Seagate only	
--bufferTest							x							SATA only	
--butterflyTest							x								
--calculateFileHash	fwfilename				x										
--captive													x		
--checkPowerMode		x								x	x			NVMe only	
--clearPciErr										x					
--confirm	I-understand...	x	x			x		x				x	x		
--conveyanceDST													x		
--csmlInfo								x							
--defectFormat	shortBlock 0 xbfi 1 xchs 2 longBlock 3 bfi 4 chs 5							x					x	SAS only	
--deviceStatistics								x							
--diameterTest	O M I						x								
--diameterTestRange	LBA count						x								
--disableAPM											x			SATA only	
--disableATASecPW												x		SATA only	
--disableCertification					x									SAS only	
--disableDataLocking						x						x		Seagate only	
--disablePrimaryList						x								SAS only	
--discardGList						x								SAS only	
--disableImmediateResponse						x								SAS only	
--displayLBA	LBA maxLBA	x	x		x							x			
--downloadFW	fwfilename	x		x					x	x				Seagate only	
--downloadMode	immediate segmented deferred activate	x			x					x				Seagate only	
--dstAndClean													x		
--EPCfeature	enable disable										x				
--errorLimit	number none						x						x		
--extSmartLog										x				NVMe only	
--fastFormat	mode			x		x								SAS only	
--firmwareSlot	slot#				x					x				Seagate only	
--forceFWDLPassthrough				x										Seagate only	
--foreground													x		
--formatMaxLBA	new Max LBA					x								SAS only	
--formatUnit	current new sector size			x		x								Seagate only	
--fwBufferID	slot#				x					x					
--fwdlConfig	config filename				x									Seagate only	
--fwdlDryRun					x										
--fwdlIgnoreFinalSegment		x			x										
--fwdlInfo					x										

[illegible]

[illegible]

Features Common to all tools	Options
--childModelMatch	
--childNewFW	
--childOnlyFW	
--csmiVerbose	
-d, --device	deviceHandle
-i, --deviceInfo	
--echoCommandLine	
--enableLegacyUSBPassthrough	
--force	
--forceATA	
--forceATADMA	
--forceATAPIO	
--forceATAUDMA	
--forceSCSI	
-h, --help	
--license	
--modelMatch	model Number
--onlyFW	fw rev
--onlySeagate	
-q, --quiet	
--SATInfo	
-s, --scan, -S, --Scan	
-F, --scanFlags	sd, sgtosd, ata, usb, scsi, nvme, interfaceATA, interfaceUSB, interfaceSCSI, interfaceNVME, ignoreCSMI (Win only), allowDuplicates (Win only)
--testUnitReady	
--usbChildInfo	

USB Only - not
USB Only - not
USB Only - not

Only works with

SATA only
SATA only
SATA only

SATA only

Some options are OS specific

USB Only

-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