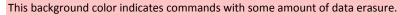
Current SeaCLibs libraries release: 1_18_3 (18-Oct-2018)

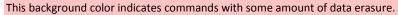


Interim release dates:



	Interim release dates:														
	Current versions:	1 1	v2.7.4	v1.12.2	۷1.7.4	۷2.5.4	v1.2.1	v1.7.3	v1.4.1	v1.0.1	v0.0.3	v1.9.1	v1.6.2	v1.11.0	
Features	Options		Basics	_Configure		_Fimrware	_Format	GenericTests	_Info	_Lite	NVMe	_PowerControl	_Security	SMART	Constraints
abortDST		1	х											Х	
abortIDD			х											Х	Seagate only
activateFW	1		х			Х									Seagate only
active	1											х			,
bufferTest	1							Х							
butterflyTest	1							Х							
calculateFileHash	fwfilename					х									
captive		'												Х	
changePower	1											х			
checkPowerMode	1		х								х	Х			
confirm	I-understand	1 -	х		х			Х		х			Х	х	
conveyanceDST		'												х	
csmilnfo	1								х						Windows only
defaultMode	1											х			,
defectFormat	shortBlock 0 xbfi 1 xchs 2 longBlock 3 bfi 4 chs 5								x					x	SAS only
deviceStatistics	C113 3	· -							Х						
diameterTest	0 M I	i						Х							
diameterTestRange	LBA count							Х							
disableAPM	25, (00 a	•										Х			SATA only
disableATASecurityPW	ASCIIPW user master			х	х										,
disableCertification							Х								SAS only
disableDataLocking													х		Seagate only
disableMode												х			
disablePrimaryList							Х								SAS only
discardGList							Х								SAS only
disableImmediateResponse	1						х								SAS only
displayLBA	LBA maxLBA		х		Х		Х						Х		·
downloadFW	fwfilename		х			Х				Х	х				Seagate only
downloadMode	immediate segmented deferred activate		x			х					х				Seagate only
dstAndClean			T											Х	
enableMode	1											Х			
EPCfeature	enable disable											Х			
errorLimit	number							Х						Х	

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

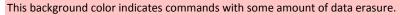


Interim release dates:



	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	
Features	Options	Basics	Configure	Erase	Fimrware	Format	GenericTests	Info	Lite	NVMe	PowerControl	Security	SMART	<u>Constraints</u>
fastFormat	mode			х		х								SAS only Seagate only
firmwareSlot	slot#				Х									
foreground													х	
formatUnit	current new sector size			х		х				х				SAS NVMe only Seagate only
fwBufferID	slot#				Х									
fwdlConfig	config filename				Х									Seagate only
fwdlDryRun					Х									
fwdlInfo					х									
fwdlPort	lock unlock											х		Seagate only
fwdlSegSize	number				х									Seagate only
genericMode	read write (Seagate only) verify						х							Seagate only on write option
getFeatures	help list #									х				NVMe only
getLogPage	Error SMART FWSlots SuppCmds SelfTest #									х				NVMe only
hideLBACounter		х		х			х							
hours	hours	х		х			х							
idd	short long	х											х	SATA only Seagate only
idle											Х			
idleUnload											х			
ieee1667Port	lock unlock											х		Seagate only
longDST													Х	
longGeneric							х							
lowCurrentSpinup	enable disable		х											SATA only Seagate only
minutes	minutes	Х		Х			Х							
modeTimer	milliseconds										х			
newFW	fw rev				х									
outputMode	raw binary									х				NVMe only
overwrite	starting LBA maxLBA	х		х										Seagate only
overwriteRange	LBA count	х		Х										Seagate only
pattern	repeat, random, increment, file			х		х								Seagate only
performQuickestErase				Х										Seagate only
phySpeed	0 1 2 3 4 5	х	Х											Seagate only
pin11	on off default	х	Х											SAS only
poll		х		Х					Х				Х	
 														

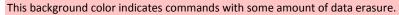
Current SeaCLibs libraries release: 1_18_3 (18-Oct-2018)





	Interim release dates:														SEAGATI
	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	
Features	Options		Basics	Configure	Erase	Fimrware	Format	GenericTests	Info	Lite	NVMe	PowerControl	Security	SMART	<u>Constraint</u> :
powerBalanceFeature	info, enable, disable											х			SATA only Seagate only
powerMode	power mode	-										Х			,
progress	dst, sanitize, format, idd		х		х					х				Х	
protectionIntervalExponent	exponent value						Х								SAS only
protectionType	0 1 2 3						х								SAS only
provision	newMaxLBA maxLBA		х	х											Seagate only
puisFeature	enable disable			х											SATA only Seagate only
randomTest								Х							
readLookAhead	info, enable, disable		х	Х											
readyLED	info on off default		х	Х											SAS only
removePhysicalElement	element #				Х										Seagate only
repairAtEnd								х							Seagate only
repairOnFly								х							Seagate only
restoreMaxLBA			х	Х											
revert					Х								Х		Seagate only
revertSP	DrivePSID				Х								Х		Seagate only
sanitize	info blockerase cryptoerase overwrite freezelock antifreezelock				х										Seagate only
sasPhy	identifier value		х	Х											
sataDAPSfeature	info, enable, disable											Х			SATA only
sataDIPMfeature	info, enable, disable											Х			SATA only
sctReadTimer	info value			х											SATA only Seagate only
sctWriteCache	info, enable, disable, default			х											SATA only Seagate only
sctWriteTimer	info, enable, disable, default			х											SATA only Seagate only
sctWriteCacheReordering	info value			х											SATA only Seagate only
seagateClean														х	Seagate only
seconds	seconds		х		Х			Х							,
secureErase	normal enhanced				х										SATA only Seagate only
securityInitialize setAPMLevel							х					х			SAS only SATA only
JCIAF IVILEVEI				I	I	l		l	1	<u> </u>	I	^	I	<u> </u>	3ATA UTIIY

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

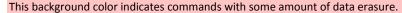


Interim release dates:



	c		_	_	_	_	_	_					_		
	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	٧1.9.1	v1.6.2	v1.11.0	
Features	Options		Basics	_Configure	Erase	_Fimrware	_Format	GenericTests	info	_Lite	_NVMe	PowerControl	Security	SMART	Constraints
setMaxLBA	newMaxLBA maxLBA		х	х											
setMRIE	default 0 - 6													х	SAS only Seagate only
setPowerConsumption	default, highest, intermediate, lowest, watt value											х			SAS only Seagate only
setSectorSize	new sector size						Х			Х					Seagate only
shortDST			х							х				Х	,
shortGeneric	┪		Ė					Х							
showAPMLevel	1		\vdash					<u> </u>				Х			SATA only
showDSTLog	†													Х	SATA SITTY
showEPCSettings	†		\vdash									Х		^	
showEraseSupport	+		⊢		Х										
showFormatStatusLog	+		\vdash		^		Х								SAS only
showLockedRegions	+		⊢				^						х		SAS Office
	4		\vdash										Х		
showPhysicalElementStatus	4		<u> </u>		Х										CAC b
showPowerConsumption		1	<u> </u>									Х			SAS only
showSCSIDefects	p, g, pg	4	<u> </u>						Х					Х	SAS only
showSMARTErrorLog	summary comprehensive													х	SATA only
showSupportedProtectionTypes							Х								SAS only
showSupportedSectorSizes							Х			х					
sid	yourTCGpassword												х		
smartAttributeAutosave	enable disable													х	SATA only Seagate only
smartAttributes	raw analyzed		х						х					х	SATA only
															SATA only
smartAutoOffline	enable disable		L.											Х	Seagate only
smartCheck	ua I dataili		Х											X	CATA
smartErrorLogFormat	raw detailed	-	\vdash											Х	SATA only
smartFeature	enable disable													х	SATA only Seagate only
smartInfo	_													Х	SATA only
spinDown			х									Х			
sscFeature	info, enable, disable, default			х											SATA only Seagate only
·												Х			
standby															
standby stopOnError	-							х							
	-		E				х	х							SAS only
stopOnError stopOnListError	-						х	Х					х		SAS only
stopOnError	- - - -						х	х				x	х		SAS only

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

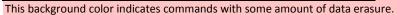




Interim release dates: **v2.7.4** /0.0.3 **v1.6.2** v1.0.1 v1.9.1 **Current versions:** Configur Security **SMART Features Options Constraints** Lite SATA only -trim starting LBA | maxLBA х Х Seagate only SATA only --trimRange LBA count х Х Seagate only --twoMinuteGeneric х -udsPort lock | unlock Х Seagate only SAS only starting LBA | maxLBA --unmap Х Х Seagate only SAS only LBA count --unmapRange Seagate only LBA count --userGenericRange --userGenericStart starting LBA | maxLBA х info, enable, disable --writeCache Х Х -writeSame starting LBA | maxLBA х Seagate only -writeSameRange LBA count Seagate only **Features Common to all tools Options** --childModelMatch х х х Х Х Х х Х Х **USB Only** -childNewFW Х Х Х Х Х Х Х **USB Only** Х --childOnlyFW Х Х Х Х Х **USB Only** --csmilgnorePort Х Х Х Х Х Х Х Х Х Windows only Х --csmiUsePort Х Х Х Х Х Х Х Х Х Windows only --csmiVerbose Х Х Х Х Х Х Х Х Х Windows only Х deviceHandle Х х х х -d, --device Х х х х х -i, --deviceInfo х х Х Х Х Х Х Х Х --echoCommandLine Х Х Х Х Х Х Х Х Х Х --enableLegacyUSBPassthrough х х Х Х х х Х х Х Х --forceATA Х Х Х Х Х Х --forceATADMA х х Х Х Х Х Х Х Х SATA only Х --forceATAPIO Х Х Х Х Х Х Х SATA only Х Х --forceATAUDMA х х Х Х Х Х Х Х Х SATA only --forceSCSI Х Х Х Х Х Х Х Х Х Х -h, --help Х Х Х Х Х Х Х Х Х Х --license Х Х Х Х Х Х Х Х Х Х Х Х model Number Х х х -modelMatch Х х fw rev х х Х -onlyFW х Х Х Х х х Х Х Х Х Х Х Х --onlySeagate Х Х Х Х Х -q, --quiet х Х Х Х Х х Х х Х Х Х --sat12byte х х Х Х Х Х Х Х Х Х -SATInfo Х Χ Х Х Х Х х Х SATA only

-s, --scan, -S, --Scan

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





	Interim release dates:													 SEAGATE
	Current versions:	v2.7.4	v1.12.2	۷1.7.4	۷2.5.4	۷1.2.1	۷1.7.3	v1.4.1	۷1.0.1	8.0.0v	۷1.9.1	۷1.6.2	۷1.11.0	
Features	Options	Basics	Configure	Erase	Fimrware	_Format	_GenericTests	ojul	_Lite	-NVMe	PowerControl	Security	SMART	<u>Constraints</u>
-F,scanFlags	sd, sgtosd, ata, usb, scsi, interfaceATA, interfaceUSB, interfaceSCSI, ignoreCSMI (Win only), allowDuplicates (Win only)	х	x	х	х	x	х	х		х	х	х	х	
testUnitReady		Х	х	Х	Х	Х	Х	Х		Х	Х	Х	Х	
usbChildInfo		Х	Х	Х	Х	Х	Х	Х	Х		Х	Х	Х	USB Only
-v,verbose	0 1 2 3 4	Х	Х	Х	Х	Х	Х	Х		Х	Х	Х	Х	
-V,version		Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Х	Х	Х	