Current SeaChest Utilities blockpoint release: 27-Apr-2021

Current SeaCLibs libraries release: 27-Apr-2021

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



	Interim release dates:													SEAGATE
	Current versions:	v3.0.2	v2.0.1	v3.1.0	v3.0.0	v2.3.1	v2.0.1	v2.0.0	v1.5.0	v2.0.0	v3.0.2	v3.0.0	v2.0.1	
Features	Options	Basics	Configure	Erase	Fimrware	Format	GenericTests	Info	Lite	NVMe	PowerControl	Security		Constraints
abortDST		х											Х	
abortIDD													Х	Seagate only
activateFW		х		<u> </u>	Х									Seagate only
ataSecFreeze		<u> </u>		<u> </u>	<u> </u>							Х		SATA only
ataSATsecurityProtocol	enable disable	_		Х	-							Х		SATA only
ataSecPassword	"ASCII password"			х								х		SATA only
ataCacDaccTupa	SeaChest empty	<u> </u>		х	<u> </u>									CATA only
ataSecPassType	user master byteswapped	-		X								Х		SATA only
ataSecPWMod	zeropad spacepad fpad leftAlign rightAlign uppercase lowercase invertcase			x								х		SATA only
ataSecureErase	normal enhanced			х								х		SATA only
ataSecurityInfo		-	1	1	1			-	-	 	-	х	-	Seagate only SATA only
bufferTest	1	\vdash	\vdash		-	1	х					<u> </u>		JATA UTILY
butterflyTest	1		t				×							
calculateFileHash	fwfilename				Х									
captive													х	
checkPowerMode		х								Х	Х			
clearPciErr										Х				NVMe only
confirm	I-understand	х		Х			Х		Х			Х	Х	
conveyanceDST	_	<u> </u>											Х	
csmiInfo	shortBlock 0	_						Х						
defectFormat	xbfi 1 xchs 2 longBlock 3 bfi 4 chs 5							x					x	SAS only
deviceStatistics								х						
diameterTest	0 M I						х							
diameterTestRange	LBA count						Х							
disableAPM											Х			SATA only
disableATASecPW		_										Х		SATA only
disableCertification	_	_				Х								SAS only
disableDataLocking disablePrimaryList	-	_										Х		Seagate only SAS only
discardGList	-	\vdash	-			X								SAS only
disableImmediateResponse	-	╟				X								SAS only
displayLBA	LBA maxLBA	x		х		Х						х		J. 10 2 1 1.1.
downloadFW	fwfilename	х			х				х	х				Seagate only
downloadMode	immediate segmented deferred activate	х			х					х				Seagate only
dstAndClean	11.10.11	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>							х	
EPCfeature	enable disable	1	1	<u> </u>	<u> </u>	-	L.,				х		L.	
errorLimit extSmartLog	number none	-					х			х			х	NVMe only
		_								^				SAS only
fastFormat	mode			х		Х								Seagate only
firmwareSlot	slot#				х					х				,
forceFWDLPassthrough					Х									Seagate only
foreground													х	
formatMaxLBA	new Max LBA					х								SAS only Seagate only
formatUnit	current new sector size			х		х								SAS only Seagate only
fwBufferID	slot#		1	t	х					х				Scugate Only
fwdlConfig	config filename				х									Seagate only
fwdlDryRun					х									
fwdlInfo					х									
fwdlPort	lock unlock			<u> </u>	<u> </u>							Х		Seagate only

fwdlSegSize	number				Х					х				Seagate only
genericMode	read write (Seagate only) verify						х							Seagate only on write option
getFeatures	help list #	\vdash								х			Н	NVMe only
getNvmeLogPage	error smart fwSlots									х			П	
	suppCmds selfTest #												ш	NVMe only
getTelemetry	host ctrl	_								Х			_	NVMe only
hideLBACounter hours	hours	X		X			X						-	
idd	short long	<u> </u>		^			^						х	Seagate only
													Ť	Seagate only
idle	enable disable default timerValueMilliseconds										х			SAS only
idle_a	enable disable default timerValueMilliseconds										x			
idle_b	enable disable default timerValueMilliseconds										х			
idle_c	enable disable default timerValueMilliseconds										x			
ieee1667Port	lock unlock											х	Ш	Seagate only
longDST	⊣												х	
longGeneric		\vdash			-		Х						Н	CATA and
lowCurrentSpinup	low ultra disable		х										Ц	SATA only Seagate only
minutes	minutes	х		х	<u> </u>	<u> </u>	Х	<u> </u>	<u> </u>	-			Щ	
newFW	fw rev	 ,			х									
noTimeLimit nvCache	info enable disable	Х	х						Х				Х	SAS only
nvmFmtMetadataSet	xlba separate	-	<u> </u>			х				х			Н	NVMe only
nvmFmtMS	# of bytes					X				х			Н	NVMe only
nvmFmtNSID	all current					х				Х			П	NVMe only
nvmFmtPl	0 1 2 3					Х				Х				NVMe only
nvmFmtPIL	beginning end					Х				Х				NVMe only
nvmFmtSecErase	none user crypto	_				х				х			Ш	NVMe only
nvmFormat	current format # sector size					х				х				NVMe only
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							Ш	Seagate only
pciStats										Х			ш	NVMe only
performQuickestErasephySpeed	0 1 2 3 4 5	×	х	Х									-	Seagate only Seagate only
poll	0 1 2 3 4 3	×	^	х					х	х			х	Seagate Only
powerBalanceFeature	info Lanabla Ldisabla	<u> </u>							~		х		Ĥ	SATA only
'	info enable disable	_											Ш	Seagate only
powerMeasurementMode	all 5 12	I	<u> </u>	<u> </u>	<u> </u>	-	-	-	L.		х		닖	Seagate only
progressprotectionIntervalExponent	dst, sanitize, format, idd exponent value	Х	 	Х	 	х		-	Х	Х	-	-	х	SAS only
protectionType	0 1 2 3					x							Н	SAS only
provision	newMaxLBA	x	х										П	Seagate only
psid	maxLBA DrivePSID	\vdash	1	х	-	-		-	-		-	х	Н	Seagate only
,		\vdash		^								Ĥ	\forall	SATA only
puisFeature	enable disable	_	Х										Ш	Seagate only
randomTest readLookAhead	info enable disable	x	х		-	-	Х	-	-				Н	
readyLED	info enable disable	X	X	-							-	-	Н	SAS only
repopulateElements	and part on pacialit	Ĥ	Ê			х							Н	Seagate only
restorePhysicalElements						х								Seagate Only
removePhysicalElement	element #			х		х							Ш	Seagate only
repairAtEnd		L					Х						Ш	Seagate only
repairOnFly	det	<u> </u>	<u> </u>				Х				<u> </u>	<u> </u>	Ш	Seagate only
requestPowerMeasurement	seconds to perform measurement										х		Ш	Seagate only
restoreMaxLBA		х	х		<u> </u>								Ш	
revert		<u> </u>	<u> </u>	х	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		х	Ш	Seagate only
revertSP			1	Х	1	1	1	1	1	1	ı	х		Seagate only

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SCSMVII NESCOTE	page# page-subpage#		х				1							Seagate on
														SAS only
scsiMPSave	page# page-subpage#		х				1							Seagate on
sctReadTimer														SATA only
sctReadTimer	info value		х				1							Seagate on
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sctWriteCache	default		х				1							Seagate on
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seagateQuickFormat						х	1		х					SATA only
seconds	seconds	х		х			х							
securityInitialize						х								SAS only
setAPMLevel											х			SATA only
setMaxLBA	newMaxLBA	х	х											
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	default, highest,													CAC only
setPowerConsumption	intermediate, lowest, watt						1				х			SAS only
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setSectorSize	new sector size					Х			Х					Seagate on
setSCSIMP	mn I filo		х				1							SAS only
Set3C3IMP	mp file		^										<u></u>	Seagate on
shortDST		х							х				х	
shortGeneric							х							
showAPMLevel											х		<u></u>	SATA only
showDSTLog													х	
showEPCSettings											Х			
showEraseSupport			oxdot	Х			Ш						匚	
showFormatStatusLog						х							匚	SAS only
showLockedRegions			oxdot				Ш					Х	匚	
showMPOutputMode	classic buffer		Х										匚	SAS only
showPhysicalElementStatus			<u> </u>	Х		х	Ш	ш	ш	ш		<u> </u>	Щ	
showPowerConsumption							Ш				Х	_	Ш	SAS only
showPowerTelemetry			<u> </u>				Ш	Ш	Ш	Ш	Х	L	L	Seagate on
showSCSIDefects	p g pg							Х					Х	SAS only
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showSMARTErrorLog	summary			Ì	ĺ							i	x	SATA only
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showSupportedFormats			<u> </u>			х	Ш		Х	Х	Ш	L	<u>L</u>	
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-transitionPower title tit	swtchFW					Х									NVMe only
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-transitionFower diele ideleUnioad standby lide a idie_b diele standby y y y standby y y y y y y y y y	telemetryDataArea	1 2 3									Х				NVMe only
-transitionPower State	tempStats										Х				NVMe only
### starting LBA maxLBA	transitionPower	standby idle_a idle_b idle_c standby_y										x			
Starting List MaxLish	transitionPowerState	new power state	_								Х	Х			NVMe only
ChinRange	trim	starting LBA maxLBA	x		х										
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	tural Minute Consults		┡											-	Seagate only
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Starting LSA maxLSA	uniocka i ASec		-										Х	-	
	unmap	starting LBA maxLBA	x		х									Щ	Seagate only
	unmapRange	LBA count	х		х										·
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Seagate only Seagate only	userGenericStart	starting LBA maxLBA						Х							
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childModelMatchchildMowFWchildOnlyFWchildOnlyFWcsmiVerbose -d, -device deviceHandle -i, -deviceInfoechoCommandLineenableLegacyUSBPassthroughforceATADIMAforceATADIMAforceATAUDMAforceATAUDMAforceSCSI -h, -helplicensemodelMatchmodelMatchmodelMatchmodelMatchmodelMatchmodelMatchmodelMatch	writeSameRange	LBA count	L		Х									Ш	Seagate only
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childOnlyFWchildOnlyFychildOnlyFW		Options	×	×	x	x	х	x	x	x		x	x	×	IISB Only - not shown in help. UsemodelMatch instead when possible
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csmiVerboseddevice			×	x	x		х	x	×			x	x	×	
-d, -device deviceHandle													_		osb only not shown in help. osc modervicter instead when possible
-i, -deviceInfo -echoCommandLine -enableLegacyUSBPassthrough -force -forceATA -forceATADIMA -forceATAUDMA -forceATAUDMA -forceSCSI -h, -help -license -modelMatch -model Number -onlySeagate -q, -quiet -s,scan, -S,Scan X		deviceHandle		_	_				-	х	х				
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-s,scan, -S,Scan											Х				CATA cult.
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-test InitReady	testUnitReady		-	_	v	H	v	· ·	H	H	v	v	y	_	
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