Current SeaChest Utilities blockpoint release: 30-May-2025

Current SeaCLibs libraries release: 30-May-2025

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	Current versions:		V3.7.2	V2.9.2	V4.7.3	V4.3.2	V3.4.0	V2.4.1	V2.9.1	V1.10.1	V3.0.2	V3.7.1	V3.5.2	V2.6.1	
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setAPMLevel	newMaxLBA	-									Х		H	SATA only
setMaxLBA	maxLBA	х	х						i				i	
setMRIE	default 0 - 6			 		1							х	SAS only
	default, highest,													,
setPowerConsumption	intermediate, lowest, watt								1		х			SAS only
	value													
setSectorSize	new sector size					х			х					
setSCSIMP	mp file	L	Х	<u> </u>	<u> </u>		L						Ш	SAS only
setTimestamp		L	Х	<u> </u>	<u> </u>		<u> </u>						Ш	
shortDST	_	х		<u> </u>	<u> </u>				Х				Х	
shortGeneric	⊣	-		<u> </u>	<u> </u>		Х				-		\vdash	CATA subs
showAPMLevelshowConcurrentRanges	-	-	 	-		Н.		х			Х		\vdash	SATA only
showDSTLog	-	\vdash		 	 			X		H	H	H	х	
showEPCSettings	-		 	 							х		Ĥ	
showEraseSupport				х										
showFormatStatusLog	_					х								SAS only
showLockedRegions												х		
showMPOutputMode	classic buffer		Х											SAS only
showNVMPowerStates											х			NVMe only
showPhysicalElementStatus		L				х								
showPowerConsumption											Х		Ш	SAS only
showPowerTelemetry		L	<u> </u>		<u> </u>		<u> </u>				Х			Seagate only
showSCSIDefects	p g pg	┡	<u> </u>	₩	<u> </u>		┞	Х					х	SAS only
showSCSIMP	page# page-subpage#	\vdash	Х	\vdash	\vdash		<u> </u>	Ш	Ш		\vdash		Ш	SAS only
showSCSIMPControl	current default		х											SAS only
	saved changeable all	-	₩	-		Н.	-	-					Н	
showSMARTErrorLog	summary comprehensive												х	SATA only
showSupportedFormats	comprehensive	\vdash		 	 	х			х	х	H	H	H	
sid	yourTCGpassword	\vdash	 	х		^		-	Ĥ	_		х	H	
smartAttributeAutosave	enable disable		 	<u> </u>		-						_	х	SATA only
smartAttributes	raw hybrid analyzed	х	 	 				х					x	SATA only
smartAutoOffline	enable disable	Ë		 		1							х	SATA only
smartCheck		х											х	
smartErrorLogFormat	raw detailed												х	SATA only
smartFeature	enable disable												х	SATA only
smartInfo													х	SATA only
spinDown	_	х									Х			
sscFeature	info enable disable default		х											SATA only Seagate only
standby	enable disable default timerValueMilliseconds										x			
standby_y	enable disable default timerValueMilliseconds										x			
standby_z	enable disable default timerValueMilliseconds										x			
stopOnError	_		<u>L</u>				Х		Ш				Ш	
stopOnListError			<u> </u>	<u> </u>	<u> </u>	Х	<u> </u>		Щ				Ш	SAS only
swtchFW	_	1	₩	\vdash	х	Ш	₩	Ш	Щ	Ш	Ш	Ш	Ш	NVMe only
tcgInfo	41212	\vdash	<u> </u>	\vdash	\vdash	igspace	<u> </u>	igspace	Ш	\vdash	\vdash	Х	Ш	AU 22 2
telemetryDataArea	1 2 3			 	 	\vdash	 	\vdash	Н	X	H		Н	NVMe only
tempStats	+	\vdash	 	-	\vdash	\vdash	 	H	$\vdash \vdash$	х	H	H	Н	NVMe only
transition Power	active idle idleUnload standby idle_a idle_b idle_c standby_y standby_z sleep										x			
transitionPowerState	new power state									х	х			NVMe only
trim	starting LBA maxLBA	х		Х										SATA &NVM
trimRange	LBA count	х		Х										SATA &NVM
twoMinuteGeneric							Х							
udsPort	lock unlock			<u> </u>	Ш				Ш			х	Ш	Seagate only
unlockATASec					Ш				Ш			х	Ш	SATA only
unmap	starting LBA maxLBA	х	<u> </u>	х	<u> </u>		<u> </u>		Ш				Ш	SAS only
unmapRange	LBA count	х	<u> </u>	х	Щ		<u></u>		Ш				Ш	SAS only
userGenericRange	LBA count		<u> </u>	Щ	Щ		Х		Ш				Ш	
userGenericStart	starting LBA maxLBA	\vdash	<u> </u>	<u> </u>	<u> </u>		Х	Щ	Щ		Ш		Ш	
volatile		\vdash	Х	<u> </u>	<u> </u>		<u> </u>	Щ	Щ		Ш		Ш	
writeCache	info enable disable	х	х	Щ	Щ	Щ.	Ь	Щ.	Щ	Ш	Ш	Ш	Ш	
writeSame	starting LBA maxLBA	\vdash	₩	Х	\vdash	igwdap	₩	igwdap	Щ	\vdash	\vdash	\vdash	Ш	
writeSameRange	LBA count		<u> </u>	Х	1	1	1	1	ı !	1 1	1 1	1 1	ıl	
zeroVerify	LBA count		-	х									-	

	Features Common to all tools	Options	_												
	childModelMatch		х	х	х	х	х	х	х	х		Х	х	х	USB Only - not shown in help. UsemodelMatch instead when possible
-csmiVerbose	childNewFW		1			х									USB Only - not shown in help. UsemodelMatch instead when possible
-d, -device	childOnlyFW		х	Х	Х	х	Х	Х	х			Х	Х	Х	USB Only - not shown in help. UsemodelMatch instead when possible
X	csmiVerbose		х	х	х	х	х	х	х			х	х	Х	
echoCommandLineenableLegacyUSBPassthroughforceATAforceATAMAforceATAMMAforceATADIMAforceATAUDMAforceATAUDMAforceATAUDMAforceATAUDMAforceATAUDMAforceATAUDMAforceATAUDMAforceATAUDMAforceATAUDMAforceSCSI -h, -helplicensemodelMatchmodelNatchmodelNatchmonlySeagate -q, -quietsqsqsqsqsqsqsqsq.	-d,device	deviceHandle	х	х	х	х	х	Х	х	Х	х	Х	х	х	
-enableLegacyUSBPassthroughforceATAforceATAMAforceATAMINforc	-i,deviceInfo		х	х	х	х	х	Х	х	х	х	Х	х	х	
ForceATAForceATADMAForceATADMAForceATADMAForceATADMAForceATADMAForceATADMAForceATADMAForceATADMAForceATAUDMAF	echoCommandLine		х	х	х	х	х	Х	х			Х	х	х	
ForceATAForceATADMAForceATADIOMAFor	enableLegacyUSBPassthrough	7	х	х	х	х	х	х	х			х	х	Х	
ForceATADMAForceATADMAForceATADMAForceSCSIInhelpInceptions	force						х			х					Only works with certain options. Does not guarantee success
ForceATAUDMAForceSCSIM,HelpIicensemodelMatch model NumbermolyFWmolyFWsynthetiasynthet	forceATA		х	х	х	х	х	Х	х			Х	х	х	
forceSCSIforceSCSIh, -helplicensemodelMatchonlyFWonlySeagateg, -quets,scan, -S,Scan -F,scanFlags sd, sgtosd, ata, usb, scsi, nvme, interfaceATA, interfaceVME, ignoreCSMI (Win only), allowDuplicates (Win only)testUnitReadyv,verbose \[\begin{array}{c ccccccccccccccccccccccccccccccccccc	forceATADMA	7	х	х	х	х	х	х	х			х	х	Х	SATA only
forceSCSIh, -helplicensemodelMatchmodelMatc	forceATAPIO		х	х	х	х	х	х	х			х	х	Х	SATA only
-h, -helplicensemodelMatch model NumberonlyFW fw rev onlySeagateg,quietsATInfos,scan, -S,Scan sd, sgtosd, ata, usb, scsi, nvme, interfaceUSB, interfaceUS	forceATAUDMA	7	х	х	х	х	х	х	х			х	х	Х	SATA only
licensemodelMatchmodelMatchmodelMatchmodyFW fw revmolySeagatemodySeagatemodySeagatemodyFWmodyFw fw revmodyFwmodyFw fw revmodyFwmodyFwmodyFwmodyFwmodyFwmodyFwmodyFwmodyFw fw revmodyFwmodyFw fw revmodyFwmodyFwmodyFw fw revmodyFwmodyFw fw revmodyFw fw re	forceSCSI	7	х	х	х	х	х	х	х			х	х	Х	
modelMatch	-h,help		х	х	х	х	х	х	х	х	х	х	х	Х	
onlyFW	license		х	х	х	х	х	Х	х	Х	х	Х	х	х	
onlySeagateq,quiets,scan, -S,Scan Sd, sgtosd, ata, usb, scsi, nvme, interfaceATA, interfaceUSB, interfaceNVME, ignoreCSMI (Win only), allowDuplicates (Win only) testUnitReady y,verbose	modelMatch	model Number	х	х	х	х	х	Х	х	х		х	х	х	
-q, -quietSATInfoS,scan, -S,Scan sd, sgtosd, ata, usb, scsi, nvme, interfaceATA, interfaceUSB, interfaceNVME, ignoreCSMI (Win only), allowDuplicates (Win only)testUnitReady -v,verbose X	onlyFW	fw rev	х	х	х	х	х	Х	х			Х	х	Х	
SATInfoS,Scan Sd, sgtosd, ata, usb, scsi, nvme, interfaceATA, interfaceUSB, interfaceSCSI, interfaceNVME, ignoreCSMI (Win only), allowDuplicates (Win only)testUnitReadyv,verbose O 1 2 3 4	onlySeagate		х	х	х	х	х	Х	х	Х		Х	х	х	
-s,scan, -s,scan sd, sgtosd, ata, usb, scsi, nvme, interfaceATA, interfaceUSB, interfaceSCSI, interfaceNVME, ignoreCSMI (Win only), allowDuplicates (Win only)testUnitReady -v,verbose X	-q,quiet	7	х	х	х	х	х	х	х		х	х	х	Х	
sd, sgtosd, ata, usb, scsi, nvme, interfaceATA, interfaceUSB, interfaceSCSI, interfaceNVME, ignoreCSMI (Win only), allowDuplicates (Win only)testUnitReady -v,verbose Some options are OS specific	SATInfo	7	х	х	Х	х	Х	Х	Х			Х	х	Х	SATA only
-F,scanFlags	-s,scan, -S,Scan	7	х	х	х	х	х	Х	х	х	х	х	х	х	
-v,verbose 0 1 2 3 4	-F,scanFlags	nvme, interfaceATA, interfaceUSB, interfaceSCSI, interfaceNVME, ignoreCSMI (Win only),	x	x	x	х	x	x	x		x	x	х	x	·
	testUnitReady		х	Х	Х	Х	Х	Х	Х		Х	Х	Х	Х	
	-v,verbose	0 1 2 3 4	х	х	Х	Х	Х	Х	Х		Х	Х	Х	Х	
	-V,version		х	х	Х	х	Х	х	х	х	Х	х	х	Х	