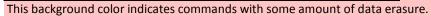
Current SeaCLibs libraries release: 1_15_0 (14-Jun-2017)

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



| Interim release dates: | | | | | | | | | | | | | | EAGATE |
|--------------------------|--------------------------|--|----------|-----------|--------|----------|------------|--------------|--------|-------------|----------|--------|--|--------------------------|
| | Current versions: | | v2.6.0 | v1.8.0 | v1.6.0 | v2.4.0 | v0.0.2 | v1.6.0 | v1.2.0 | v1.6.0 | v1.5.0 | v1.8.0 | | |
| Features | Options | | Basics | Configure | Erase | Fimrware | FormatUnit | GenericTests | lnfo | PowerChoice | Security | SMART | | Constraints |
| abortDST | | | х | | | | | | | | | Х | | |
| abortIDD | | | х | | | | | | | | | Х | | Seagate only |
| activateFW | | | х | | | х | | | | | | | | Seagate only |
| butterflyTest | | | | | | | | х | | | | | | , |
| calculateFileHash | fwfilename | | | | | Х | | | | | | | | |
| changePower | | | | | | | | | | Х | | | | |
| checkPowerMode | | | х | | | | | | | Х | | | | |
| confirm | I-understand | | x | | Х | | | х | | | х | Х | | |
| conveyanceDST | | | \vdash | | | | | | | | | х | | |
| csmiInfo | | | \vdash | | | | | | х | | | | | Windows only |
| defaultFormat | | | | | | | Х | | | | | | | SAS only |
| defaultMode | | | | | | | | | | Х | | | | , J |
| deviceStatistics | | | | | | | | | х | | | | | |
| diameterTest | 0 M I | | \vdash | | | | | х | | | | | | |
| diameterTestRange | LBA count | | | | | | | Х | | | | | | |
| disableAPM | | | | | | | | | | 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 | | | | | | | х | | | | | | | SAS only |
| displayLBA | LBA maxLBA | | х | | х | | х | | | | х | | | |
| downloadFW | fwfilename | | х | | | х | | | | | | | | Seagate only |
| | immediate | | | | | | | | | | | | | |
| | segmented | | | | | | | | | | | | | |
| downloadMode | deferred | | X | | | Х | | | | | | | | Seagate only |
| | activate | | | | | | | | | | | | | |
| dstAndClean | | | | | | | | | | | | х | | |
| enableMode | | | | | | | | | | Х | | | | |
| EPCfeature | enable disable | | | | | | | | | Х | | | | |
| errorLimit | number | | | | | | | х | | | | Х | | |
| fastFormat | mode | | | | х | | х | | | | | | | SAS only Seagate only |
| forceSeagateDepop | | | Н | | Х | | | | | | | | | Seagate only |
| | current | | Н | | | | | | | | | | | SAS only |
| formatUnit | new sector size | | | | Х | | Х | | | | | | | Seagate only |

Current SeaCLibs libraries release: 1_15_0 (14-Jun-2017)

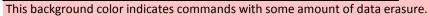


Interim release dates:



| | interim release dates. | | | | | | | | | | | | |
|----------------------------|----------------------------------|---|---------|-----------|--------|----------|------------|--------------|--------|-------------|----------|--------|------------------------------|
| | Current versions: | | v2.6.0 | ۷1.8.0 | ۷1.6.0 | v2.4.0 | v0.0.2 | v1.6.0 | v1.2.0 | v1.6.0 | v1.5.0 | v1.8.0 | |
| Features | Options | | _Basics | Configure | Erase | Fimrware | FormatUnit | GenericTests | Info | PowerChoice | Security | SMART | Constraints |
| 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 |
| hideLBACounter | , | | Х | | Х | | | Х | | | | | |
| hours | hours | | Х | | Х | | | Х | | | | |] |
| idd | short long repair | | х | | | | | | | | | х | SATA only Seagate only |
| ieee1667Port | lock unlock | | | | | | | | | | Х | | Seagate only |
| longDST | | | | | | | | | | | | Х | |
| longGeneric | | | | | | | | Х | | | | | |
| lowCurrentSpinup | enable disable | | | x | | | | | | | | | SATA only Seagate only |
| minutes | minutes | | Х | | Х | | | Х | | | | | |
| modeTimer | milliseconds | | | | | | | | | Х | | | |
| newFW | fw rev | | | | | Х | | | | | | | |
| overwrite | starting LBA maxLBA | | Х | | Х | | | | | | | | Seagate only |
| overwriteRange | LBA count | _ | Х | | Х | | | | | | | | Seagate only |
| pattern | repeat random increment file | | | | x | | 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 | 1 |
| powerMode | power mode | | | | | | | | | Х | | | |
| progress | DST sanitize format | | х | | х | | | | | | | х | |
| protectionIntervalExponent | exponent value | | | | | | Х | | | | | | SAS only |
| protectionType | 0 1 2 3 | | | | | | Х | | | | | | SAS only |
| provision | newMaxLBA maxLBA | | х | х | | | | | | | | | Seagate only |

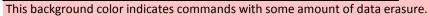
Current SeaCLibs libraries release: 1_15_0 (14-Jun-2017)





| | SEAGATE | | | | | | | | | | | | |
|-------------------------|---|----------|--------|-----------|--------|-----------|------------|--------------|--------|-------------|----------|--------|---------------------------|
| | Current versions: | | v2.6.0 | v1.8.0 | ۷1.6.0 | v2.4.0 | v0.0.2 | v1.6.0 | v1.2.0 | v1.6.0 | v1.5.0 | v1.8.0 | |
| Features | Options | | Basics | Configure | Erase | _Fimrware | FormatUnit | GenericTests | _Info | PowerChoice | Security | SMART | <u>Constraints</u> |
| puisFeature | enable disable | | | х | | | | | | | | | SATA only Seagate only |
| randomTest | | _ | | | | | | Х | | | | | , |
| readLookAhead | info enable disable | | х | х | | | | | | | | | |
| removePhysicalElement | element # | <u> </u> | | | Х | | | | | | | | Seagate only |
| repairAtEnd | | | _ | | | | | Х | | | | | Seagate only |
| repairOnFly | | | _ | | | | | Х | | | | | Seagate only |
| restoreMaxLBA | | | х | Х | | | | | | | | | |
| revert | | | | | Х | | | | | | Х | | Seagate only |
| revertSP | DrivePSID | 4 | ┝ | | Х | | | | | | Х | | Seagate only |
| sanitize | info blockerase cryptoerase overwrite freezelock antifreezelock | | | | × | | | | | | | | Seagate only |
| sasPhy | identifier value | 1 | x | Х | | | | | | | | | |
| sctWriteCache | info enable disable default | | | х | | | | | | | | | SATA only Seagate only |
| sctWriteCacheReordering | info enable disable default | | | х | | | | | | | | | SATA only Seagate only |
| seagateClean | | | ╙ | | | | | | | | | Х | Seagate only |
| seconds | seconds | | Х | | Х | | | Х | | | | | |
| secureErase | normal enhanced | | | | х | | | | | | | | SATA only Seagate only |
| securityInitialize | | | | | | | Х | | | | | | SAS only |
| setAPMLevel | | | | | | | | | | Х | | | SATA only |
| setMaxLBA | newMaxLBA maxLBA | | х | х | | | | | | | | | |
| setMRIE | default 0 - 6 | | | | | | | | | | | х | SAS only Seagate only |

Current SeaCLibs libraries release: 1_15_0 (14-Jun-2017)





| Interim release dates: | | | | | | | | | | | | | | EAGATE |
|------------------------------|--|---|--------|-----------|--------|----------|------------|--------------|--------|-------------|----------|--------|--|---------------------------|
| | Current versions: | | v2.6.0 | v1.8.0 | v1.6.0 | v2.4.0 | v0.0.2 | v1.6.0 | v1.2.0 | v1.6.0 | v1.5.0 | v1.8.0 | | |
| Features | Options | | Basics | Configure | Erase | Fimrware | FormatUnit | GenericTests | lnfo | PowerChoice | Security | SMART | | Constraints |
| setPowerConsumption | default highest intermediate lowest watt value | | | | | | | | | x | | | | SAS only Seagate only |
| setSectorSize | new sector size | | | Х | | | | | | | | | | Seagate only |
| shortDST | | | х | | | | | | | | | х | | |
| shortGeneric | | | | | | | | х | | | | | | |
| showAPMLevel | | | | | | | | | | х | | | | SATA only |
| showDSTLog | | | | | | | | | | | | х | | |
| showEPCSettings | | | | | | | | | | х | | | | |
| showFormatStatusLog | 7 | | | | | | х | | | | | | | SAS only |
| showLockedRegions | | | | | | | | | | | х | | | |
| showPhysicalElementStatus | 1 | | | | х | | | | | | | | | |
| showPowerConsumption | 1 | | | | | | | | | х | | | | SAS only |
| showSupportedProtectionTypes | 1 | | | | | | х | | | | | | | SAS only |
| showSupportedSectorSizes | | | | Х | | | Х | | | | | | | , |
| sid | yourTCGpassword | Ī | | | | | | | | | Х | | | |
| smartAttributeAutosave | enable disable | | | | | | | | | | | х | | SATA only Seagate only |
| smartAttributes | raw analyzed | | х | | | | | | х | | | х | | SATA only |
| smartAutoOffline | enable disable | | | | | | | | | | | х | | SATA only Seagate only |
| smartCheck | | | х | | | | | | | | | Х | | , |
| smartFeature | enable disable | | | | | | | | | | | х | | SATA only Seagate only |
| smartInfo | | | | | | | | | | | | х | | SATA only |
| spinDown | 1 | | х | | | | | | | Х | | | | , |
| sscFeature | info enable disable default | | | х | | | | | | | | | | SATA only Seagate only |
| stopOnError | | | | | | | | Х | | | | | | |
| stopOnListError | 7 | | | | | | Х | | | | | | | SAS only |
| tcgInfo | 7 | | | | | | | | | | Х | | | |
| transitionPower | 7 | | | | | | | | | Х | | | | |
| trim | starting LBA maxLBA | | х | | х | | | | | | | | | SATA only Seagate only |

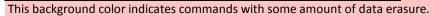
Current SeaCLibs libraries release: 1_15_0 (14-Jun-2017)

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



| Current versions: Curr | Interim release dates: | | | | | | | | | | | | | SE | AGATE |
|--|------------------------|-----------------------|----------|----------|------------|--------|----------|------------|--------------|--------|-------------|----------|--------|----|--------------|
| LBA count | | Current versions: | 0 3 67 | ۷۷.0.۷ | v1.8.0 | v1.6.0 | ۷2.4.0 | v0.0.2 | v1.6.0 | v1.2.0 | v1.6.0 | v1.5.0 | v1.8.0 | | |
| LBA count | Features | Options | Baciac | _ DdslCs | _Configure | Erase | Fimrware | FormatUnit | GenericTests | ojui_ | PowerChoice | Security | SMART | | Constraints |
| unmap | trimRange | LBA count | > | ĸ | | х | | | | | | | | | • |
| umap | twoMinuteGeneric | | | | | | | | Х | | | | | | |
| | udsPort | lock unlock | | | | | | | | | | Х | | | |
| | unmap | starting LBA maxLBA | , | ĸ | | Х | | | | | | | | S | eagate only |
| userGenericStart starting LBA maxLBA info enable disable | unmapRange | LBA count | > | ĸ | | х | | | | | | | | | |
| writeCache | | LBA count | | | | | | | Х | | | | | | |
| writeSame | userGenericStart | starting LBA maxLBA | | | | | | | Х | | | | | | |
| | writeCache | enable | , | ĸ | × | | | | | | | | | | |
| Section Common to all tools Common to | writeSame | starting LBA maxLBA | | | | Х | | | | | | | | S | eagate only |
| Section Common to all tools Common to | writeSameRange | LBA count | | | | Х | | | | | | | | S | eagate only |
| childNewFWchildOnlyFWcsmilgnorePortcsmiUsePortcsmiVerbosedevice deviceHandleenableLegacyUSBPassthroughforceATADMAforceATADMAforceATAUDMAforceATAUDMAforceSCSI -h,helphideLBACountermodelMatchmodelMatchmodelMatchmodelMatchmodelMatchmodelMatchmodelMatchcsmiUsePortx x x x x x x x x x x x x x x x x x x | | Options | <u>ا</u> | , T | V T | v | v | | V | v | V | Ιν | Ιν | | ISB Only |
| childOnlyFWcsmilgnorePortcsmiUsePortcsmiUsePortcsmiVerbosed,devicei,deviceInfoechoCommandLineenableLegacyUSBPassthroughforceATAforceATADMAforceATAUDMAforceSCSI -h,helphideLBACountermodelMatchmodelMatchonlyFW x x x x x x x x x x x x x x x x x x | | - | | | | | | | | | | | | | - |
| csmilgnorePortcsmiUsePortcsmiVerbosed,device | | | | | | | | | | | | | | | = |
| csmiUsePortcsmiVerbosed,device -i,deviceInfoechoCommandLineenableLegacyUSBPassthroughforceATAforceATADMAforceATAUDMAforceATAUDMAforceSCSI -h,helphideLBACountermodelMatchmodelMatchonlyFW x | | | _ | _ | _ | | | | | | | | | | • |
| -d,device deviceHandle x x x x x x x x x x x x x x x x x x | | | > | κ | х | Х | Х | | Х | Х | Х | Х | Х | | |
| i,deviceInfoechoCommandLineenableLegacyUSBPassthroughforceATAforceATADMAforceATAUDMAforceATAUDMAforceSCSIh,helphideLBACounterlicensemodelMatchmodel NumberonlyFW x | csmiVerbose | | > | κ . | х | Х | Х | | Х | Х | Х | Х | Х | V | vindows only |
| echoCommandLineenableLegacyUSBPassthroughforceATAforceATADMAforceATAPIOforceATAUDMAforceSCSIh,helphideLBACounterlicensemodelMatchmodel NumberonlyFW x | -d,device | deviceHandle | > | Κ | х | Х | Х | | Х | Х | Х | Х | Х | | |
| enableLegacyUSBPassthroughforceATAforceATADMAforceATAPIOforceATAUDMAforceSCSIh,helphideLBACounterlicensemodelMatchmodelMatchonlyFW x | | | > | Κ | х | Х | Х | | Х | Х | Х | Х | Х | | |
| forceATAforceATADMAforceATAPIOforceATAUDMAforceSCSIh,helphideLBACounterlicensemodelMatchmodelMatchonlyFW | | | > | Κ . | х | Х | | | Х | Х | Х | Х | Х | | |
| forceATADMAforceATAPIOforceATAUDMAforceSCSIh,helphideLBACounterlicensemodelMatchmodelMatchonlyFW | | _ | _ | _ | _ | | | | | | | | | | |
| forceATAPIOforceATAUDMAforceSCSIh,helphideLBACounterlicensemodelMatchonlyFW X | | _ | | | | | | | | | | | 1 | | ATA! |
| forceATAUDMAforceSCSI -h,helphideLBACounterlicensemodelMatchmodelMatchonlyFW X | | _ | | | | | | | | | | | | | = |
| forceSCSI -h,helphideLBACounterlicensemodelMatchmodelMatchonlyFW X | | - | | | | | | | | | | | | | = |
| -h,helphideLBACounterlicensemodelMatchonlyFW X | | | | | - | | | | | | | | | 3, | ATA UTIIY |
| hideLBACounterlicensemodelMatchonlyFW x x x x x x x x x x x x x x x x x x x | | | | _ | | | | | | | | | 1 | | |
| license | | | | | | | | | | | | | | | |
| modelMatch model Number | | | _ | _ | - | | | | | | | | 1 | | |
| onlyFW fw rev x x x x x x x x x x x x x x x x x x x | | model Number | | | | | | | | | | | 1 | | |
| onlySeagate x x x x x x x x x x x x | | fw rev | > | ĸ | х | х | Х | | Х | Х | Х | Х | Х | | |
| | onlySeagate | | > | ĸ | х | Х | Х | | Х | Х | Х | Х | Х | | |

Current SeaCLibs libraries release: 1_15_0 (14-Jun-2017)





| | Interim release dates: | _ | | | | | | | | | | | J | LAGAIL |
|---------------|---|---|--------|-----------|--------|----------|------------|--------------|--------|-------------|----------|--------|---|--------------------|
| | Current versions: | | v2.6.0 | v1.8.0 | v1.6.0 | v2.4.0 | v0.0.2 | v1.6.0 | v1.2.0 | ۷1.6.0 | v1.5.0 | v1.8.0 | | |
| Features | Options | | Basics | Configure | Erase | Fimrware | FormatUnit | GenericTests | _Info | PowerChoice | Security | SMART | | <u>Constraints</u> |
| -q,quiet | | | Х | Х | Х | Х | | Х | Х | Х | Х | Х | | |
| sat12byte | | | х | Х | х | х | | Х | х | х | х | Х | | |
| SATInfo | | | х | Х | х | х | | Х | х | х | х | Х | | SATA only |
| -s,scan | | | х | х | Х | Х | | х | Х | Х | х | Х | | |
| -F,scanFlags | sd sgtosd ata usb scsi interfaceATA interfaceUSB interfaceSCSI ignoreCSMI (Win only) allowDuplicates (Win | | x | x | x | x | | x | x | x | x | × | | |
| testUnitReady | | | х | Х | Х | Х | | Х | Х | Х | Х | Х | | |
| usbChildInfo | | | 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 | | |
| -V,version | | | х | Х | х | х | | Х | х | х | х | Х | | |