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| StartPreOS Sequence |
| Initialization Activity |
| Callout EcuM\_AL\_SetProgrammableInterrupts |
| Callout EcuM\_AL\_DriverInitZero |
| Callout EcuM\_DeterminePbConfiguration |
| Check consistency of configuration data |
| Callout EcuM\_AL\_DriverInitOne |
| Get reset reason |
| Select default shutdown target |
| Callout EcuM\_LoopDetection |
| Start OS |

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| OffPreOS Sequence |
| Shutdown Activity |
| De-init BSW Mode Manager |
| De-init BSW Scheduler |
| Check for pending wakeup events |
| Set RESET as shutdown target, if wakeup events are pending (default reset mode of *EcuMDefaultResetModeRef* |
| ShutdownOS |