**Synchronized Core and Treasury EOD/SOD**

**Phase One**

The main purpose is to run Core and Treasury EOD and SOD in a specific sequence.

Treasury SOD

Core SOD

Core EOD

Treasury EOD

**Primary Stage: -**

The state of Core and Treasury parameters after successful SOD of a day is: -

|  |  |
| --- | --- |
| **Core Table** | **Treasury Table** |
| **MAINCONT** | **TB\_BRANCHES** |
| MN\_EOD\_OVER\_FLAG = 0  MN\_EOD\_IN\_PROGRESS = 0  MN\_SOD\_OVER\_FLAG = 1  MN\_SOD\_IN\_PROGRESS = 0 | CORE\_EOD\_FLG = N  EOD\_AUTH\_FLG = N  FI\_EOD\_AUTH\_FLG = N |

So, we are going to add some validation before Treasury EOD as well as SOD and some flag updating job after complete Treasury EOD/SOD. Same validation message will appear at the time of opening Online EOD menu from Treasury application.

***Treasury EOD***

**Pre-validation: -**

1. PRE-EOD check flag should be

EOD\_AUTH\_FLG=Y, FI\_EOD\_AUTH\_FLG=Y.

(After *Treasury PRE-EOD check is done*)

1. CORE\_EOD\_FLG=N. (*Previous Treasury SOD is over*)
2. MN\_EOD\_OVER\_FLAG = 0, MN\_EOD\_IN\_PROGRESS = 0, MN\_SOD\_OVER\_FLAG = 1, MN\_SOD\_IN\_PROGRESS = 0 in Core. (*Previous SOD of Core is over*)

**Post-EOD flag update: -**

1. CORE\_EOD\_FLG=Y. (*Treasury EOD is done. Core can run EOD now.*)
2. FI\_EOD\_AUTH\_FLG=N. (*To stop Treasury SOD*)

***Core EOD***

**Pre-validation: -**

1. **CORE\_EOD\_FLG=Y. (***Core EOD can only be run after Treasury EOD. If it is “N" that means Treasury EOD is not over and core EOD will show alert and stopped***)**

***Core SOD***

**Pre-validation: -**

1. **Core SOD should run after Core EOD, which is already implemented.**

**Post-SOD flag update: -**

1. **PKG\_ESOD is updating** FI\_EOD\_AUTH\_FLG to “N”. It should not be.
2. FI\_EOD\_AUTH\_FLG should be Y in **SP\_UPDATE\_TREASURY** in Core. Currently it makes CORE\_EOD\_FLG to “N” which is not required. (*To allow Treasury SOD*)

***Treasury SOD***

**Pre-validation: -**

1. Core EOD/SOD should be done. (*For that we can make Treasury opening menu as “ENTRY” in Core*)
2. **CORE\_EOD\_FLG=Y.**  (*Treasury EOD is already done. SOD can run now.*)
3. MN\_EOD\_OVER\_FLAG = 0, MN\_EOD\_IN\_PROGRESS = 0, MN\_SOD\_OVER\_FLAG = 1, MN\_SOD\_IN\_PROGRESS = 0 in Core. (*Previous SOD of Core is over*).

**Post-SOD flag update: -**

1. CORE\_EOD\_FLG = N, EOD\_AUTH\_FLG = N and FI\_EOD\_AUTH\_FLG = N. (*Reset those flags and allow Treasury to prepare for next EOD)*.