

SOP For Manual Reruns

**Europe**

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CNOS & GC

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| V1.0 | 07/20/2023 | Updated SOP for manual reruns | Shreyas Mane  Ishraque Ahmed |
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**VERSION HISTORY**

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**Scenarios**

1. **When CM data is updated and CM reingestion is needed. (Eg. UKI)**

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Action | Name | Parameters |
| 1 | Run pipeline | MDM\_CM\_Adhoc\_Ingestion | Region: EU  geo\_id: '826','372' |
| 2 | Scale up SQL Server | pipeline\_scale\_up\_sql\_server  OR  cngc-sqlserver.database.windows.net |  |
| 3 | Refresh Notebook | /Shared/CNGC\_EUROPE/CNGC\_COMMON/ MMR 2WD |  |
| 4 | Run pipeline | ADV\_CM | CNGC\_EUROPE\_Path: /Shared/CNGC\_EUROPE/  WorkDay:2WD |
| 5 | Run Pipeline | ADV\_ServiceNow\_Integration | Execution\_Day: 2WD  PipelineName: ADV\_CM |

1. **When PM data is updated and PM reingestion is needed. (Eg. UKI)**

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Action | Name | Parameters |
| 1 | Run pipeline | MDM\_PM\_Adhoc\_Ingestion | Region: EU  geo\_id: '826','372' |
| 2 | Scale up SQL Server | pipeline\_scale\_up\_sql\_server  OR  cngc-sqlserver.database.windows.net |  |
| 3 | Refresh Notebook | /Shared/CNGC\_EUROPE/CNGC\_COMMON/ MMR 2WD |  |
| 4 | Run pipeline | ADV\_PM | CNGC\_EUROPE\_Path: /Shared/CNGC\_EUROPE/  WorkDay:2WD |
| 5 | Run Pipeline | ADV\_ServiceNow\_Integration | Execution\_Day: 2WD  PipelineName: ADV\_PM |

1. **When RCM data is updated and RCM reingestion is needed. (Eg. UKI)**

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Action | Name | Parameters |
| 1 | Run pipeline | MDM\_RCM\_Adhoc\_Ingestion | Region: EU  geo\_id: '826','372' |
| 2 | Scale up SQL Server | cngc-sqlserver.database.windows.net  OR  pipeline\_scale\_up\_sql\_server |  |
| 4 | Run pipeline | ADV\_RCM | CNGC\_EUROPE\_Path: /Shared/CNGC\_EUROPE/  WorkDay: 5WD |
| 5 | Run Pipeline | ADV\_ServiceNow\_Integration | Execution\_Day: 5WD  PipelineName: ADV\_RCM |

1. **RCM Ingestion and DQ validation. (all EU SMO)**

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Action | Name | Parameters |
| 1 | Run pipeline | MDM\_RCM\_ing\_proc\_ADB\_refresh |  |
| 2 | Scale up SQL Server | cngc-sqlserver.database.windows.net  OR  pipeline\_scale\_up\_sql\_server |  |
| 3 | Run pipeline | ADV\_RCM | CNGC\_EUROPE\_Path: /Shared/CNGC\_EUROPE/  WorkDay: 5WD |
| 4 | Run Pipeline | ADV\_ServiceNow\_Integration | Execution\_Day: 5WD  PipelineName: ADV\_RCM |

1. **Regeneration of Master Data Extract**

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Action | Name | Parameters |
| 1 | Pre-requisite | ADV\_CM, ADV\_PM should have no DQ check failures. |  |
| 2 | Run pipeline | cngc\_eu\_cm\_pm\_extract | SMO: ALL  OutputType: (blank)  FileGenerateTime: Latest timestamp of EU pipeline |

1. **Delta Report Generation**

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Action | Name | Parameters |
| 1 | Pre-requisite | Master Data validation should be completed |  |
| 2 | Run pipeline | cngc\_eu\_rcm\_delta\_report | BlobPathDelta: /cngc-storage/europe/CM/  SMO: RCM  BlobPathBaseData: /cngc-storage/europe/RCMBaseData/ |

1. **Shipments Extract Generation**

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Action | Name | Parameters |
| 1 | Pre-requisite | Direct Shipment OR indirect shipment notebooks are refreshed. |  |
| 2 | Run Notebook for Direct SMOs. | ORCH\_EU\_DIR\_SHIP\_EXTRACTS |  |
| 3 | Run Notebook for Indirect SMOs. | ORCH\_EU\_IND\_SH\_UPLDR\_EXPORT\_REFRESH  ORCH\_EU\_IND\_SH\_UPLDR\_EXPORT\_REFRESH\_SEE |  |

1. **Input data re-validation of resubmitted uploader coefficient data.**

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Action | Name | Parameters |
| 1 | Run pipeline | pipeline\_cp\_and\_process\_uploader\_data |  |
| 2 | Refresh Notebook | /Shared/CNGC\_EUROPE/CNGC\_COMMON/MMR COEFFICIENTS 3-5-6 WD |  |
| 3 | Scale up SQL Server | pipeline\_scale\_up\_sql\_server  OR  cngc-sqlserver.database.windows.net |  |
| 4 | Run pipeline | cnos\_gc\_eu\_input\_data\_validation | CNGC\_EUROPE\_Path:  /Shared/CNGC\_EUROPE/  WorkDay: as per SMO  ADV\_Flag: (Blank) |

1. **Output Reprocessing when coefficient inputs from uploader are submitted or updated.**

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Action | Name | Parameters |
| 1 | Run pipeline | pipeline\_cp\_and\_process\_uploader\_data |  |
| 2 | Refresh Notebook | /Shared/CNGC\_EUROPE/CNGC\_COMMON/MMR COEFFICIENTS 3-5-6 WD |  |
| 3 | Run pipeline | Pipeline\_EUROPE\_Main\_Processing | Workday: as per SMO |

A screenshot of a computer

Description automatically generated

1. **Output reprocessing for SMO after Output validation DQ check resolution.**

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Action | Name | Parameters |
| 1 | Scale up SQL Server | pipeline\_scale\_up\_sql\_server  OR  cngc-sqlserver.database.windows.net |  |
| 2 | Prerequisite runs | Based on Workday of SMO, all **GENERAL** runs should be completed before triggering the pipeline run for particular SMO.  Notebook\_Sequence\_Execution | SMO: GENERAL  Execution\_Day: As per Workday  Subject\_Area: (Blank)  Sequence: (Blank)  CNGC\_EUROPE\_Path:  /Shared/CNGC\_EUROPE/  ADV\_Flag: (Blank) |
| 3 | Run pipeline | Notebook\_Sequence\_Execution | SMO: EE  Execution\_Day: 13WD  Subject\_Area: (Blank)  Sequence: (Blank)  CNGC\_EUROPE\_Path:  /Shared/CNGC\_EUROPE/  ADV\_Flag: (Blank) |

Reference Tables for GENERAL runs:

table [cngc\_meta].[WeidgetsParam\_source]

table [cngc\_operations].[CNOS\_GC\_ETL\_Notebooks\_source]

view [cngc\_meta].[WeidgetsParam]

view [cngc\_operations].[CNOS\_GC\_ETL\_Notebooks]

1. **Refreshing AAS and dims\_fact manually**

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Action | Name | Parameters |
| 1 | Scale up SQL Server | pipeline\_scale\_up\_sql\_server  OR  cngc-sqlserver.database.windows.net |  |
| 2 | Run pipeline | cngc\_eu\_dim\_fact\_aas\_notification | SMO: as per SMO  NotebookPath: Output Export notebook  FIleGeneratedTime: Latest Timestamp of EU pipeline  Workday: as per SMO |

A screenshot of a computer

Description automatically generated

1. **Sending Overall Europe completion email**

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Action | Name | Parameters |
| 1 | Run Pipeline | cngc\_email\_notification | SMO: EUROPE  OutputType: (Blank) |

1. **Disabling the output processing for any SMO.**

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Action | Name | Parameters |
| 1 | Run Query | In SSMS, cngc-sqlserver |  |

Query:

Update [cngc\_operations].[CNOS\_GC\_ETL\_Notebooks\_source]

set [Execution\_Enabled]='N'

WHERE SMO ='BNL'

(SMO as per the scenario)

1. **Notebook refresh after prod hierarchy ingestion or customer hierarchy ingestion**

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Action | Name | Parameters |
| 1 | Run notebook after Product hierarchy | 105\_PRODUCT\_MAP\_EXC\_JPN |  |
| 2 | Run notebook after Customer hierarchy | 103\_EU\_CUSTOMER\_MAP |  |

Note: If missed to run above notebook, the latest product or customer which is ingested will not be mapped and later it will have issues with the output data.

1. **General 6WD is mandatory to run after general 5WD while doing manual re-run.**

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Action | Name | Parameters |
| 1 |  | General 6WD run in mandatory after General 5WD or any TDC is ingested post 5WD (and validate TDC data for Indirect market after the run) |  |