**Table Column Ordering:**

Below standard should be followed for column ordering based on the table type.

|  |  |
| --- | --- |
| **Table Type** | **Column Order** |
| ODS Acquisition Table | Operational Primary Key Columns  SYS\_INS\_DTTM  SYS\_UPD\_DTTM  Operational Columns  XO Columns |
| Architected XO Table | Table Primary Key Columns  SYS\_INS\_DTTM  SYS\_UPD\_DTTM |
| Architected Bridge Table | Same as warehouse Bridge table |
| Architected Dimension table | Same as warehouse Dimension table |
| Architected Dimension table (Near real time) | Same as warehouse Dimension table |
| Architected Fact Table | Same as warehouse Fact table |
| Type I PSA | Operational Primary Key Columns  PS\_BGN\_DTTM  PS\_END\_DTTM  PS\_CURR\_IND  Operational Columns |
| Type II PSA | Operational Primary Key Columns  PS\_BGN\_DTTM  PS\_END\_DTTM  PS\_CURR\_IND  DEL\_IND  Operational Columns |
| X Table in Warehouse | Table Primary Key Columns  SYS\_INS\_DTTM  SYS\_UPD\_DTTM |
| Control Table | Control Column list. No specific order |
| Work Table | INTEGRATION\_ID  DATASOURCE\_NUM\_ID  Rest of the column same as corresponding target table (Fact or Dimension)  Each of the Integration Id’s should be followed by its corresponding Data Source num ID |
| Hold Table | INTEGRATION\_ID  DATASOURCE\_NUM\_ID  Rest of the column same as corresponding target table (Fact or Dimension) |
| Stage Table | Stage Column list. No specific order |
| Detail Fact | Fact WID  SYS\_INS\_DTTM  SYS\_UPD\_DTTM  INTEGRATION\_ID  DATASOURCE\_NUM\_ID  Dimension WID  Counts  Amounts  Quantities  Values |
| Summary Fact | Date columns that are part of the key  Other Key columns (ascending order)  Rest of the column same as corresponding base fact |
| Type I Dimension | Dimension WID  SYS\_INS\_DTTM  SYS\_UPD\_DTTM  INTEGRATION\_ID  DATASOURCE\_NUM\_ID  Natural Keys (operational system identifier liable party id, tendering party id)  Code  Name  Description |
| Type II Dimension | Dimension WID  SYS\_INS\_DTTM  SYS\_UPD\_DTTM  INTEGRATION\_ID  DATASOURCE\_NUM\_ID  EFF\_ROW\_BGN\_DT  EFF\_ROW\_END\_DT  CUR\_ROW\_IND  Natural Keys (operational system identifier liable party id, tendering party id)  Code  Name  Description |
| Band Dimension | Dimension WID  SYS\_INS\_DTTM  SYS\_UPD\_DTTM  INTEGRATION\_ID (To be revisited based on performance testing)  Band Code  Lower Range  Upper Range  Band Desc1  Band Sort group 1 and so on |
| Bridge Table | Group WID  Detail WID  SYS\_INS\_DTTM  Remaining columns same as fact |
| Bridge Identity Table | Group WID  INTEGRATION\_ID  DATASOURCE\_NUM\_ID  SYS\_INS\_DTTM |
| Type I Identity Table | INTEGRATION\_ID  DATASOURCE\_NUM\_ID  SYS\_INS\_DTTM  Dimension WID |
| Type II Identity Table | INTEGRATION\_ID  DATASOURCE\_NUM\_ID  EFF\_ROW\_BGN\_DT  SYS\_INS\_DTTM  SYS\_UPD\_DTTM  Dimension WID  EFF\_ROW\_END\_DT |

**Index Column Ordering:**

Below standard should be followed for column ordering based on the Index type.

|  |  |
| --- | --- |
| **Index Type** | **Column Order** |
| Architected XO Table Primary Key | Same order as Table column order |
| Architected Bridge Table Alternate Key | Same as warehouse bridge table key |
| Architected Dimension table Alternate Key | Same as warehouse dimension table key |
| Architected Dimension table (Near real time) | Same as warehouse dimension table key |
| Architected Fact Table | Same as warehouse fact table key |
| PSA Primary Key | Operational Primary Key Columns  PS\_BGN\_DTTM |
| X Table Primary Key in Warehouse | Same order as Table column order |
| Detail Fact Alternate Key | INTEGRATION\_ID  DATASOURCE\_NUM\_ID |
| Summary Fact Primary Key | Same order as Table column order |
| Type I Dimension Alternate Key | INTEGRATION\_ID  DATASOURCE\_NUM\_ID |
| Type II Dimension Alternate Key | INTEGRATION\_ID  DATASOURCE\_NUM\_ID  EFF\_ROW\_BGN\_DT |
| Band Dimension Alternate Key | Band Code ID (To be revisited based on performance testing)  Lower Range |
| Bridge Table Alternate Key | Group WID  Detail WID |
| Type I Identity Table | INTEGRATION\_ID  DATASOURCE\_NUM\_ID |
| Type II Identity Table Primary Key | INTEGRATION\_ID  DATASOURCE\_NUM\_ID  EFF\_ROW\_BGN\_DT |

**Column Ordering Notes:**

* When there are more than one non-key field of each type listed, fields are to be alphabetized within type.
* Any exception to the standard defined in this document should be reviewed with the PTL and SL’s and documented appropriately.
* It is understood that when there are changes to existing objects, column orders may not necessarily match the standards described in this document. But every effort should be made to bring the existing objects to this standard if possible