



Area	Extractor Code	Extractor Name	Check if Transactional	Notes	Purpose	Build Jira Ref For Extension Information
Customs	XE_Exp_DecItem	C_EXPORTDECLARATIONITEMDEX	Yes	Delta	The export declaration item Analytic Model contains item data enhanced with master data associations to importer, exporter, Customs product and text associations.	
Customs	XE_Imp_DecItem	C_IMPORTDECLARATIONITEMDEX	Yes	Delta	The import declaration item Analytic Model contains item data enhanced with master data associations to importer, exporter, Customs product and text associations.	
Customs	XE_CusDoc_Com	/SYQ/C_CUSTOMSDOC_COMPLETENESS	Derived Master		Declaration data quality assessment	
Customs	XE_CusDoc_Cor	/SYQ/C_CUSTOMSDOC_CORRECTIONS	Yes		Declaration correction events	
Customs	XE_TariffRate	/SYQ/C_TARIFF_RATE	Master - Transactionally sourced		MFN and preferential rates from GTS-loaded tariff data	
Intrastat	XE_Intra_Mat	/SYQ/C_INTRASTAT_MATERIALREQUEST	Transactional		Material request events	
Intrastat	XE_Intra_Mov	/SYQ/C_INTRASTAT_MOVEMENT	Transactional	Check if required	Movement details if needed	
Preference	XE_LTSD_Comb	/SYQ/C_LTSD_COMBINED	Master - Transactionally sourced	Needs direction Indicator	Inbound and outbound LTSDs unified with direction attribute	
Preference	XE_LTSD_Req	/SYQ/C_LTSD_REQUESTACTIVITY	Transactional		Request lifecycle events with campaign attribute	
Preference	XE_PrefResult	/SYQ/C_PREFERENCE_RESULT	Master - Transactionally sourced		Determination results including all status codes (positive, negative, affected by-price)	
Preference	XE_VendDec_Cv	/SYQ/C_VENDORECLARATION_COVERAGE	Derived Master		Coverage at product level across BOM	
Compliance	XE_SPL_Aud	/SYQ/C_SPLHIT_AUDIT	Yes		SPL screening events and decisions	
Compliance	XE_BlkJDoc_Aud	/SYQ/C_BLOCKEDDOCUMENTAUDIT	Yes		Document block/release events with block reason granularity	
Compliance	XE_PartStatHist	/SYQ/C_PARTNERCOMPSTATUS_HISTORY	Yes		Partner status change events for SCD-2 build	
Compliance		/SYQ/C_BusinessPartner_SPLRelevant	Master		Active SPL-screenable partner master	
License	XE_LicenseMas	/SYQ/C_LICENSE_MASTER	Master		License headers with validity, capacity, regulation	
License	XE_LicenseDep	/SYQ/C_LICENSE_DEPLETION	Yes		License depletion events	
License	XE_License_Val	/SYQ/C_LICENSEUSAGE_WITHVALUE	Yes		Depletion joined to commercial value (single-domain composite)	
Classification		/SYQ/C_CLASSIFICATION_CURRENT	Master - Transactionally sourced		Current classification state with expiry flags, filtered from event history	
Classification		/SYQ/C_CLASSIFICATIONCHANGE_HISTORY	Transactional		Change events from change documents (covers user activity through grouping)	
Classification		/SYQ/C_PRODUCTCREATION_EVENTS	Transactional		Product creation and country extension events	
Classification		/SYQ/C_CLASSIFICATIONLEADTIME	Derived Transactional	Check what this means	Joins creation to first classification with working-day duration	

## Inbound Layer

Inbound layer objects only need documentation if some field adjustment is made (over and above the standard load date / time and source system stamp).

### 1TL\_S4Hx\_C\_PURCHASEORDERDEX

Field XYZ converted to date.

Field ABC converted from BIGINT to...

## Harmonisation Layer

Every table will have it's own harmonization view. This only needs to be documented if field adjustments are required. E.g. Conversion of data field / type.

Where actions are performed to improve reusability, e.g. joining header and item tables, details of the join (left outer, which is left, which is right, fields to join with, cardinality etc) should listed.

Each node inside the view will appear as a heading 3 in this document detailing what it does and, if not obvious, why.

### 2VR\_S4HARM\_C\_PurchaseOrderDex

#### Calculation

Calculated dimension CD\_PLANT to change length of field 'Plant' from 4 to 5 to align with WHM plant. (Ubiquitously true, reusable change made at lowest level possible).

### 2VR\_S4HARM\_C\_PurchaseOrderItemDex

#### Calculation

Calculated measure: CM\_PRICE = Value / Quantity. (Ubiquitously true, reusable change made at lowest level possible).

### 2VR\_S4HARM\_POHdrltm

#### Join

Purpose: Join PO header and item to create reusable view at item level that contains all fields from PO header

LHS: 2VR\_S4H\_C\_PurchaseOrderDex

RHS: 2VR\_S4H\_C\_PurchaseOrderItemDex

Join Field: POHeader to POHeader

Join type: Left outer join

Cardinality: 1: Many

#### Projection

Remove fields that occur in both PO Header and Item views leaving fields from PO Header side.

## Propagation Layer

### 3VR\_S2PP2R\_POHdrltm

#### Calculation

A line item level calculation which applies specific business rules that are owned by the POD would be added here.

### 3VR\_S2PP2R\_POHisAcc

## Join

Purpose: etc

## Join

Purpose: etc

## Join

Purpose: etc

## Calculation

Calculated measure:  $CM\_DocItemValue = DocQuantity * CM\_PRICE$

3VF\_S2PP2R\_POHisAcc

## Union

Purpose: To bring in values from PO level alongside lower level granularity documents

Target Field	Source1-Field	Source2-Field
PO	PO	PO
POItem	POItem	POItem
MaterialDocument	-	MaterialDocument

## Associations to master data

List objects where material master associations are to be made.

## Calculated Measures (Pre-Aggregation Calculations)

Facts

### Tier 1 — simple event-based facts (no snapshots):

- FACT\_SPL\_SCREENING
- FACT\_BLOCKED\_DOCUMENT
- FACT\_LICENSE\_USAGE
- FACT\_CLASSIFICATION\_ACTIVITY
- FACT\_PRODUCT\_CREATION
- FACT\_LTSD\_REQUEST
- FACT\_PREFERENCE\_RESULT
- FACT\_CUSTOMS\_DOC (built directly on DEX views with simple enrichment)
- FACT\_CUSTOMS\_CORRECTIONS
- FACT\_CUSTOMS\_DATA\_QUALITY
- FACT\_INTRASTAT\_MATERIAL\_REQUEST (if in scope)

### Tier 2 — periodic snapshots for state representation:

- FACT\_LICENSE\_PORTFOLIO — weekly snapshot
- FACT\_LTSD\_COVERAGE — weekly snapshot
- FACT\_CLASSIFICATION\_CURRENT — daily snapshot
- FACT\_CLASSIFICATION\_LEAD\_TIME — periodic snapshot
- FACT\_PARTNER\_AVAILABILITY — periodic snapshot of master state
- FACT\_CAMPAIGN\_RELEVANT\_MATERIALS — periodic snapshot
- FACT\_CUSTOMS\_CYCLE\_TIME — depends on TM/broker timestamp availability

### Tier 3 — audit-grade snapshots:

- FACT\_PREFERENCE\_SAVINGS — monthly snapshot with locked tariff rates
- FACT\_TRADE\_COMPLIANCE\_OVERVIEW — daily snapshot with as-of-date dimensional state

## Reporting Layer

## 4VA\_S2PP2R\_POHisAcc

Type	Code	Technical Name	Logic	Functional Spec
		4MA_CustomsDeclarations		
		4MA_CustomsCycleTime		
		4MA_ComplianceActivity		
		4MA_BlockedDocuments		
		4MA_LicensePortfolio		
		4MA_ClassificationAnalytics		
		4MA_PreferenceResults		

4MA\_CustomsDeclarations — duty spend, declaration volumes, data quality, corrections

4MA\_CustomsCycleTime — cycle times and SLA adherence (subject to data availability)

4MA\_ComplianceActivity — SPL screening and partner activity

4MA\_BlockedDocuments — document blocks and releases by regulation

4MA\_LicensePortfolio — license analytics and usage

4MA\_ClassificationAnalytics — classification activity, coverage, lead times

4MA\_PreferenceResults — eligibility analytics with all status codes

4MA\_LTSDManagement — LTSD operations and campaign management

4MA\_PreferenceSavings — realized savings, potential, leakage

4MA\_TradeComplianceOverview — cross-module risk view

4MA\_Intrastat — Intrastat material request analytics

Link to FSD (Each Analytic model should have its own FSD).

Include technical details for:

### **Calculated Measures (Post Aggregation Calculations / exception aggregation etc)**

#### **Restricted Measures**

Detail restrictions

#### **Currency Conversions**

Detail rate type, from currency

#### **Variables**

#### **Data access controls**

## Outbound Layer