UK Link Programme

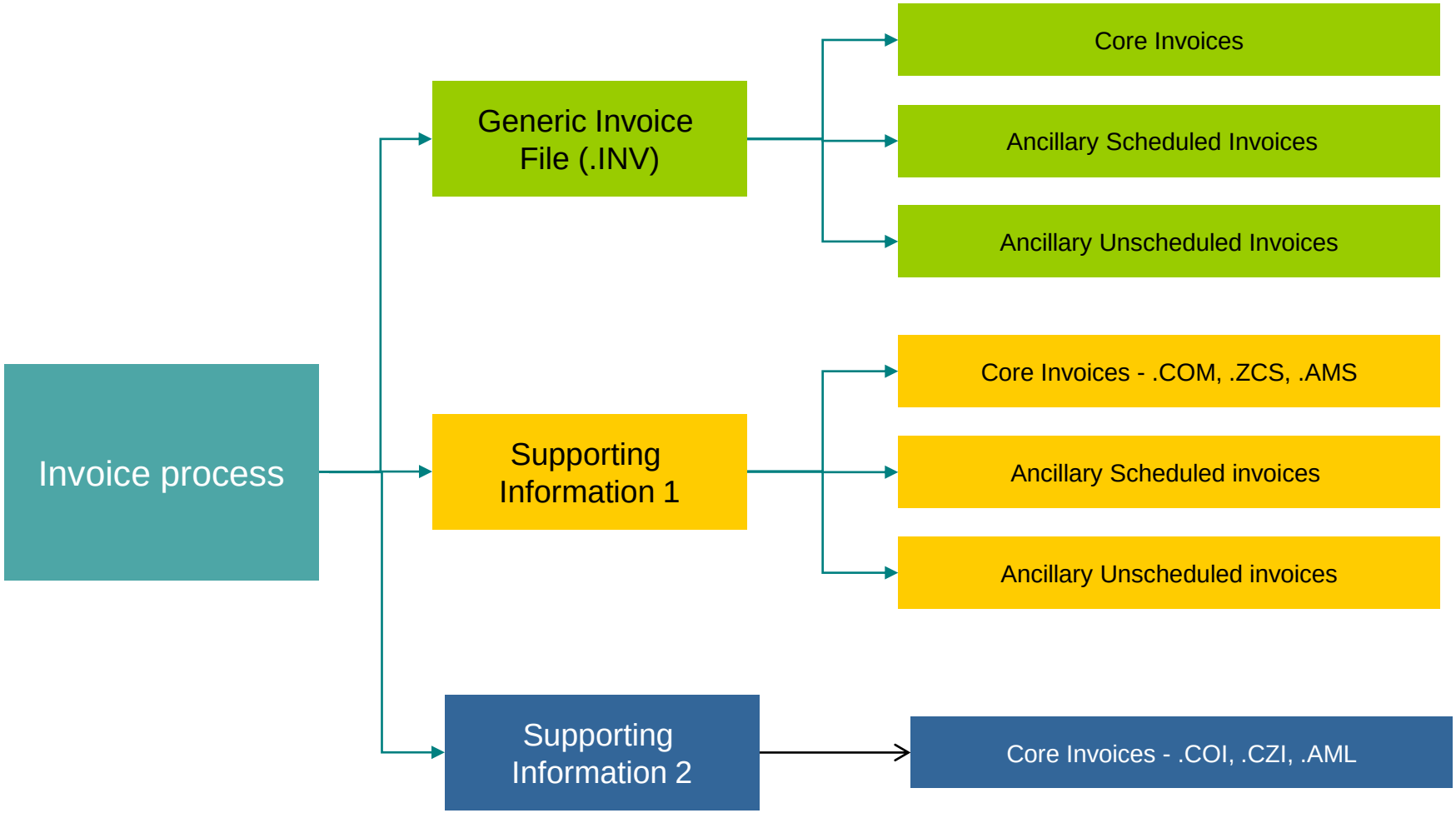
To-Be Process Discussion – Billing & Invoicing

2nd October 2014

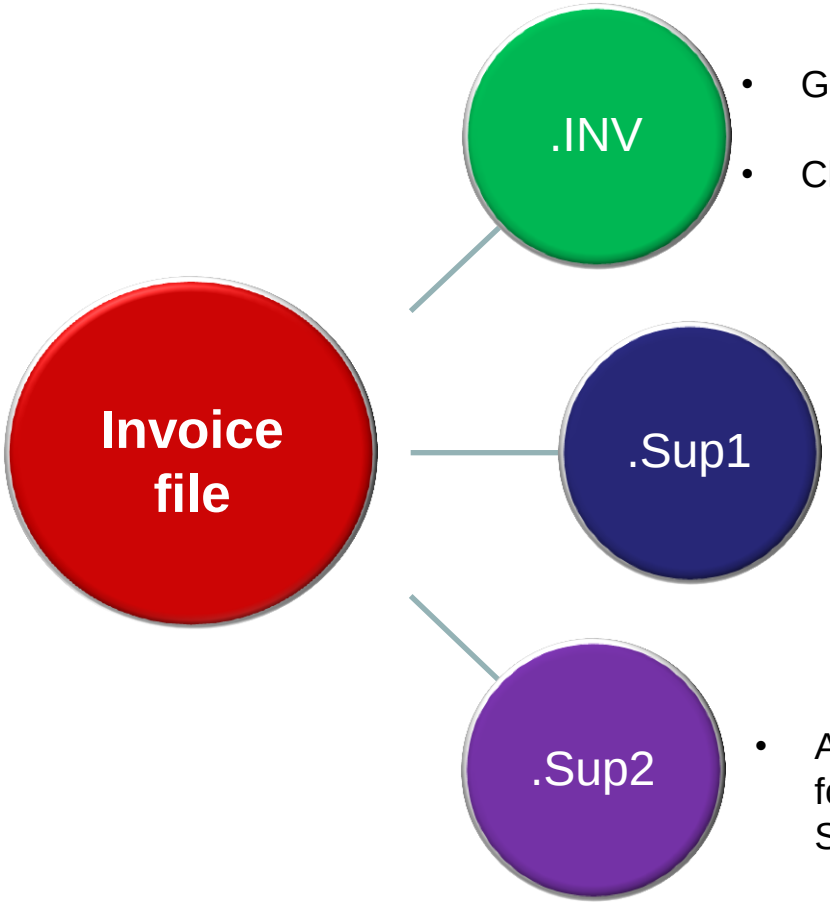
File format change Summary - Invoicing

Nexus Requirement	Data consolidation to single system	Redefinition of existing data/process
Introduction of Generic Invoice file for all Invoices	Change to existing file formats	Change to Invoice number length from 6 to 12
Introduction of new data elements [e.g. Class 3, Charge component]	Amalgamation to single file format	Change to energy factor to 15 decimal places
Charge calculation and Invoice reporting at SMP level	Decommission existing redundant files	Change to Invoice file naming convention without compromising the IX (5.8.3) standards
Rationalisation of Invoice types and charge types		
Alignment of Invoice types to charges to support a specific process		

Invoice Process Overview



Invoice process – File format change principles

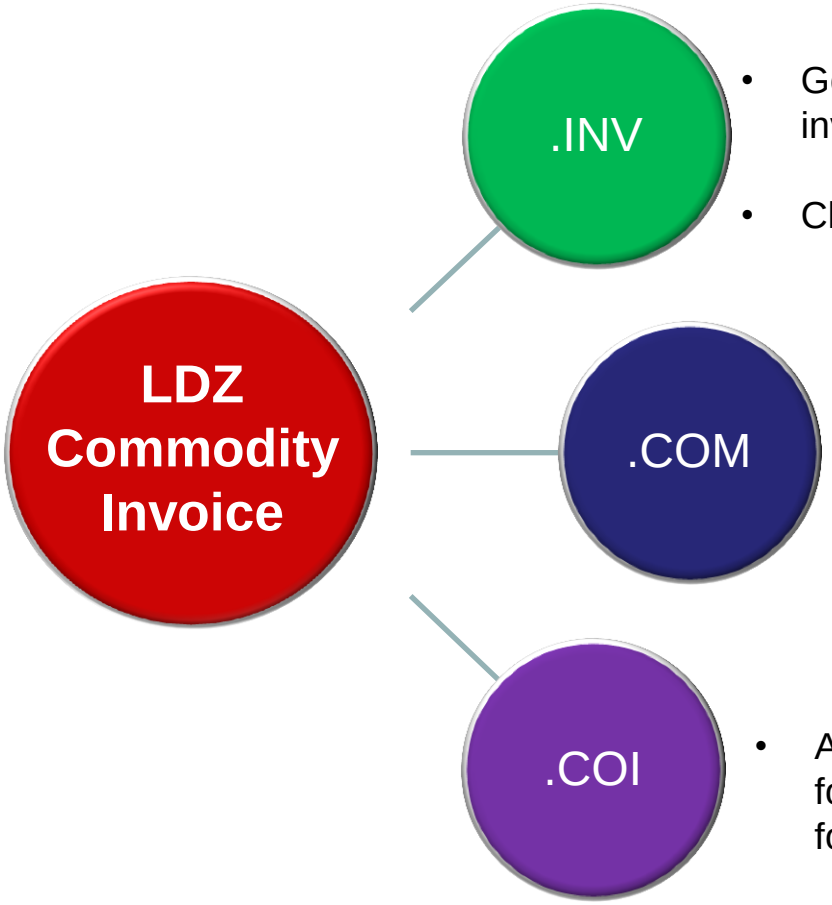


- Generic Invoice file replaces existing Invoice files
- Change in record types to accommodate generalisation

- Supporting Information file that accompanies the Generic Invoice file
- This file will be issued at the lowest possible level for all invoices except Core invoices
- For Core invoices, charge information will be aggregated for Class 3 & 4 sites

- Additional Supporting Information file that is available for the shippers to pull the charge information at the SMP level for class 3 & 4 sites
- This is applicable only for Core Invoices

Invoice process – LDZ Commodity Invoice



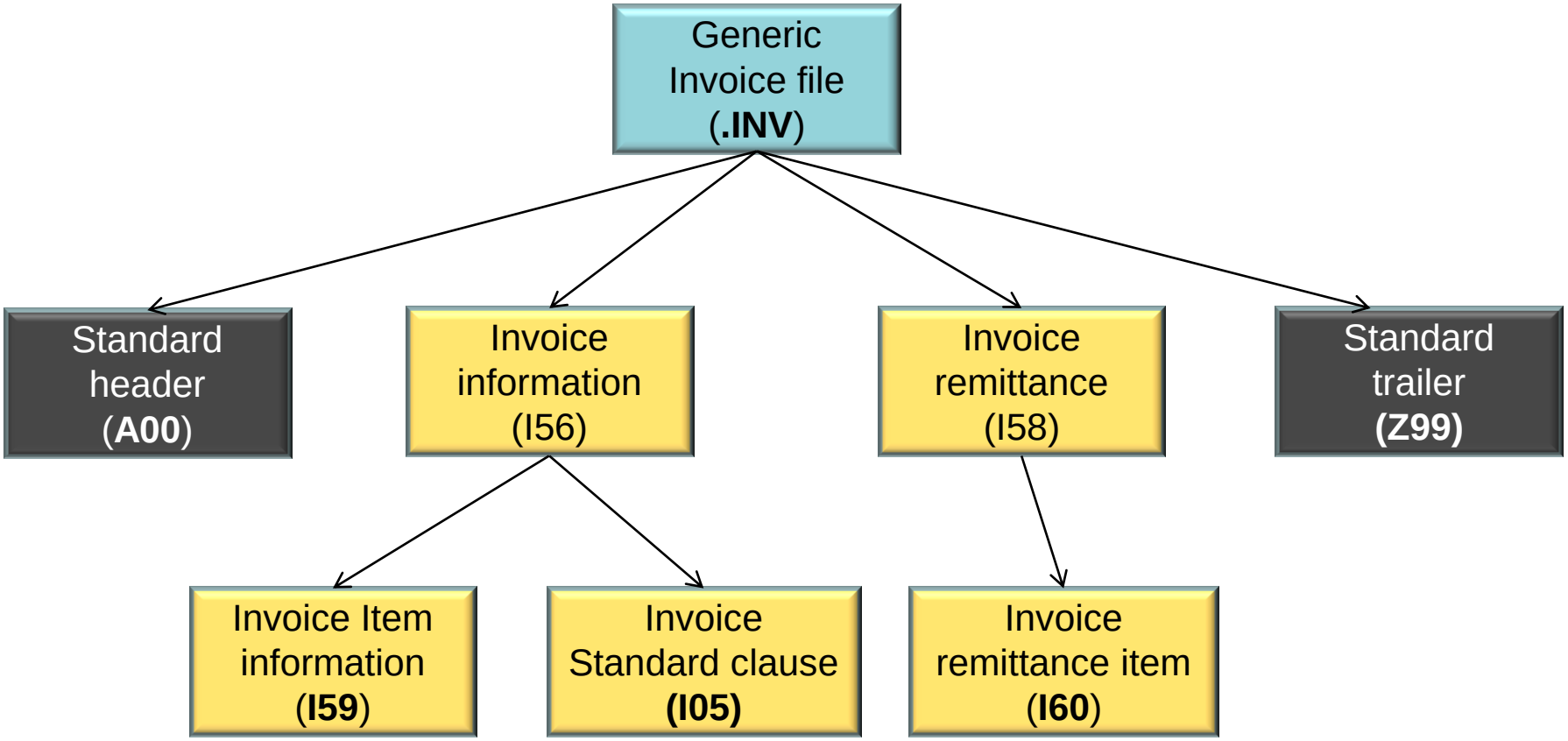
- Generic Invoice file replaces existing .COY file for UKLink invoices and .ADH file for Unique Sites & CSEP invoices
- Change in record types to accommodate generalisation

- Supporting Information file that accompanies .INV file
- This file consolidates information in existing .COS(Directly connected), .USI (Unique sites) and .CEP (CSEP) files
  - Class 1&2 – SMP level;
  - Class 3&4 – Aggregated from SMP charges

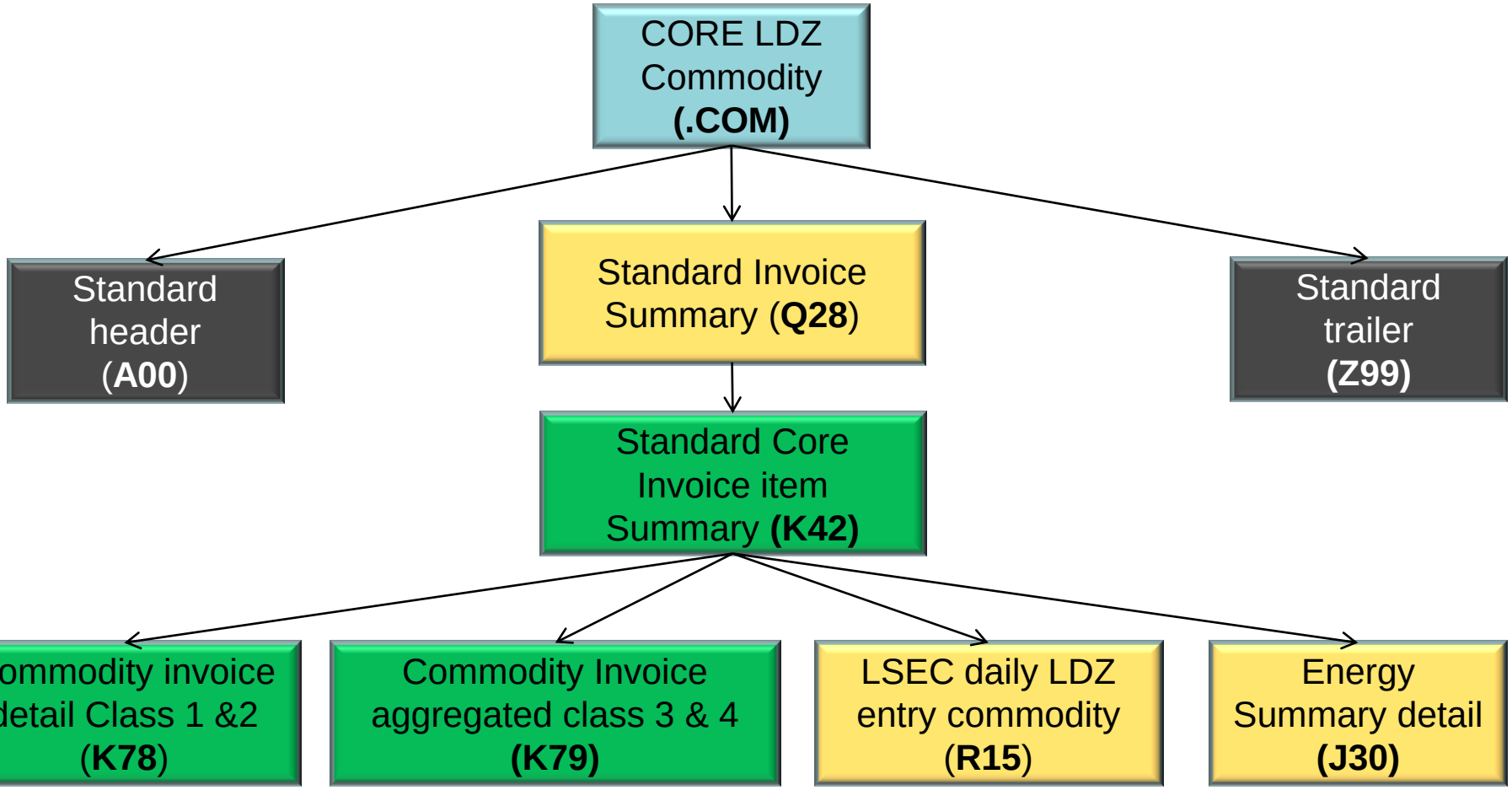
- Additional Supporting Information file that is available for the shippers to pull the information at the SMP level for Class 3 & 4

- New file that meets the requirement to make Invoice information available at the SMP level for each Core invoice type

Invoice Process – Generic Invoice File Hierarchy



File Type | Existing record type


CORE LDZ Commodity (.COM)
Standard header (A00)
Standard Invoice Summary (Q28)
Standard trailer (Z99)
Standard Core Invoice item Summary (K42)
Commodity invoice detail Class 1 &2 (K78)
Commodity Invoice aggregated class 3 & 4 (K79)
LSEC daily LDZ entry commodity (R15)
Energy Summary detail (J30)
File Type
Existing record type
New record type

What does it mean to you?

File Detail					Change Detail		Remarks
Business Process Tower	**File Extension**	**File Name/File Description**	**Source System**	**Target System**	**Complexity**	**Primary Driver**	**Changes in File Formats**
Invoicing	.INV	Generic Invoice file	UKLink	Shipper	Medium	Nexus requirement	• New file formed from existing invoice record types • Included Invoice remittance details • Generalised for all invoices
Invoicing	.COM/ .ZCS/ .AMS	Supporting information: Core Invoice	UKLink	Shipper	Major	Nexus requirement	• New file formed from existing supporting information format • Consolidated charge information for directly connected ,Unique and CSEP sites • Charge information at SMP level for Class 1 & 2 sites • Charge information for class 3 & 4 sites (CORE) at aggregated level

What does it mean to you?

File Detail					Change Detail		Remarks
Business Process Tower	**File Extension**	**File Name/File Description**	**Source System**	**Target System**	**Complexity**	**Primary Driver**	**Changes in File Formats**
Invoicing	.COI/ .CZI/ .AML	Core Invoice Supporting information: SMP level	UKLink	Shipper	Major	Nexus requirement	• Applicable only for CORE (Capacity/Commodity/Amendment) invoices • Data will be provided only for class 3 and 4 sites at SMP level for each invoice type
Invoicing	.NSC	Supporting information: Compression Invoice	UKLink	Shipper	Medium	Nexus requirement	• New standard file introduced with standard invoice total (Q28) and charge summary (Q29) compared to current excel format • New record type (K57) with daily charge and energy values at Meter Id (sub terminal) level • New invoice type(CPN).
Invoicing	.OSG	Supporting information: Own Use Gas Invoice	UKLink	Shipper	Medium	Nexus requirement	• New standard file introduced with standard invoice total (Q28) and charge summary (Q29) compared to current excel format • New record type (K55) with daily charge and energy values • New invoice type(OWG)

File Detail					Change Detail		Remarks
Business Process Tower	**File Extension**	**File Name/File Description**	**Source System**	**Target System**	**Complexity**	**Primary Driver**	**Changes in File Formats**
Invoicing	.EOI	Supporting information: DNI Invoice	UKLink	Shipper	Minor	Nexus requirement	• No change to the record types • Change to field length e.g.. Invoice number from 6 to 12 • Renamed data item names • New Invoice type (EOI)
Invoicing	.FSI	Supporting information: FSG Invoice	UKLink	Shipper	Minor	Nexus requirement	• Include new standard record types Q28 and Q29 • Change to field length e.g. Invoice number from 6 to 12 • Renamed data item names • New Invoice type (FSG)
Invoicing	.UPI	Supporting information: User Pays T1 Invoice	UKLink	Shipper	Medium	Nexus requirement	• New standard record types, invoice total (Q28) and charge summary (Q29) • Introduced new record types for SARs and One off user pays • New Invoice type (UPI)

What does it mean to you?

File Detail					Change Detail		Remarks
Business Process Tower	**File Extension**	**File Name/File Description**	**Source System**	**Target System**	**Complexity**	**Primary Driver**	**Changes in File Formats**
Invoicing	.MIF	Supporting information: Meter Assets invoice	UKLink	Shipper	Medium	Nexus requirement	• New standard file formed from existing invoice backup fileformats • Included standard Invoice total (Q28) and charge summary (Q29) • New record type with charge breakdown at SMP level • Includes meter portfolio details
Invoicing	.TDS	Supporting information: Transporter Site visit	UKLink	Shipper	Medium	Nexus requirement	• No change to the record types • Change to field length • Renamed data item names • Consolidated charge types for Site visit to single record type (T92) • New Invoice type (TSV)
Invoicing	.IIS	Supporting information: Interest Invoice	UKLink	Shipper	Medium	Nexus requirement	• New standard file formed from existing invoice backup file formats • Included standard Invoice total (Q28) and charge summary (Q29 • New record type with charge breakdown at SMP/charge code • New Invoice type (INT)

What does it mean to you?

File Detail					Change Detail		Remarks
Business Process Tower	**File Extension**	**File Name/File Description**	**Source System**	**Target System**	**Complexity**	**Primary Driver**	**Changes in File Formats**
Invoicing	.PNS	Supporting information: Prime & Subs	UKLink	Shipper	Medium	Nexus requirement	• New standard file formed from existing invoice backup file formats • Change to field length • Renamed data item names
Invoicing	.LIA	Supporting information: Standard liabilities (MOD565)	UKLink	Shipper	Medium	Nexus requirement	• New standard file formed from existing invoice backup file formats • Consolidated all standard liabilities backup file records together. • Included standard Invoice total (Q28) and charge summary(Q29) • New record type with charge break down to lower level • New invoice type (LIA)

Questions