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Modification 0487S

Introduction of Advanced Meter Indicator and Advanced Meter Reader (AMR) Service Provider Identifier

Initial Option Assessment

Modification Requirements

- Modification 0487S identifies the requirement for Advanced Meter Reading Equipment information to be available at the Change of Supplier event.
- Modification 0487S identifies the following data items to provide sufficient information:
 - Advanced Meter Asset Indicator
 - Advanced Meter Reader (AMR) Service Provider Identifier – “ASP”
- Modification 0487 seeks “the best fit solution which minimises changes to system and file flows”¹.
- The preferred solution is that the data should be ‘pushed’ to the incoming Shipper.

¹ V1, 5th March 2014

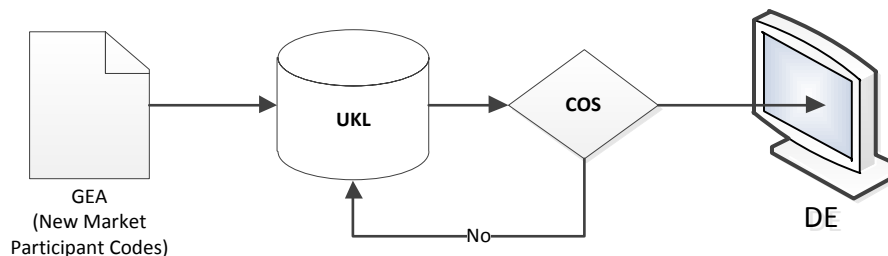
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Initial Option Assessments – Option Ø

- **Input** – Re-use SMSO Organisation Type in S96 record.
- **Output** – SMSO_ID displayed on Data Enquiry



- New SPAA market participant codes for ASP Organisations required.
- Not expected to require system changes - existing input files and current DE functionality.
- It is assumed that Meter Mechanism and SMSO can be viewed via Data Enquiry by incumbent and incoming Shippers.
- No 'push' functionality – Users would be required to log on to DE to verify AMR status.

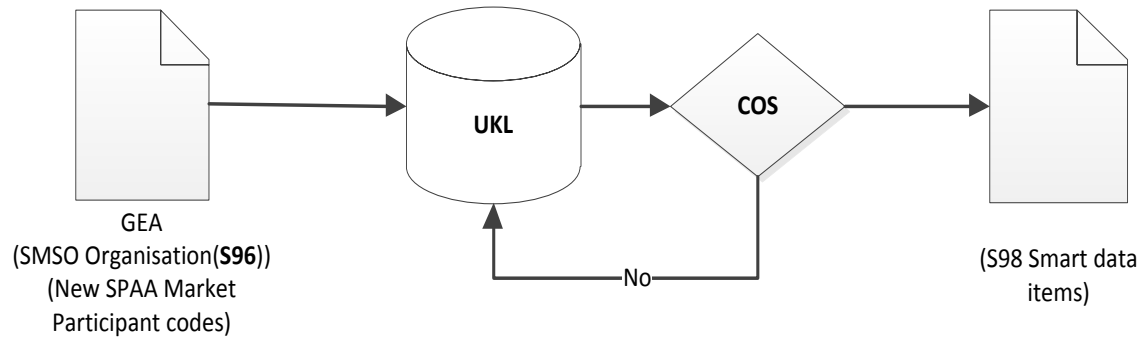
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Initial Option Assessments – Option A

- **Input** - Re-use SMSO Organisation Type in S96 record.
- **Output** - SMSO_ID field S98



- New SPAA market participant codes for ASP Organisations required.
- This would NOT create a new Organisation Type or use the ASP Organisation in MDD.
- The explicit presence of AMR equipment would not be recorded on UK Link Systems.
- Change to S98 triggers to include all meter mechanisms

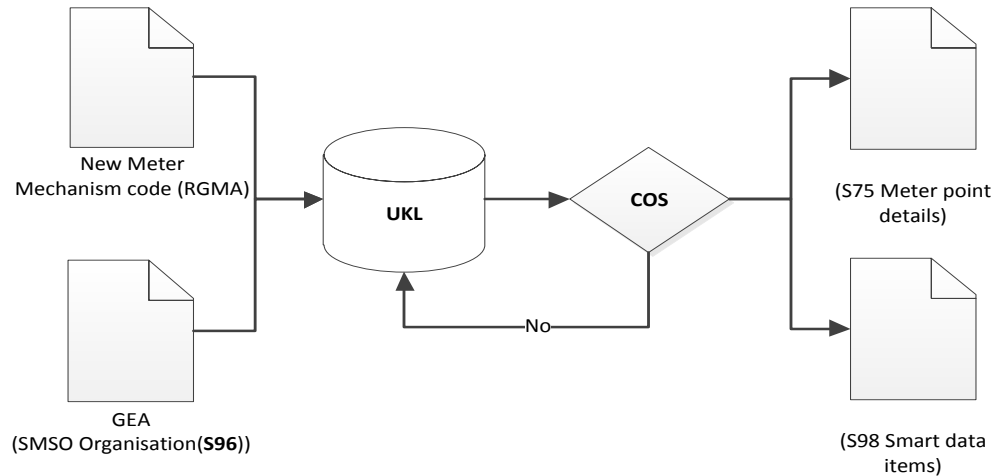
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Initial Option Assessments – Option B

- **Input** - Meter mechanism via RGMA, SMSO Organisation Type via the S96 record
- **Output** - TRF file - Meter mechanism via the S75, SMSO_ID via the S98 record



- New Meter Mechanism values to be created to denote AMR equipment.
- New SPAA market participant codes for ASP Organisations required.
- This would NOT create a new Organisation Type or use the ASP Organisation in MDD.
- Changes to S98 trigger would be required.

NB – Impacts of change to UK Link systems are currently under assessment.

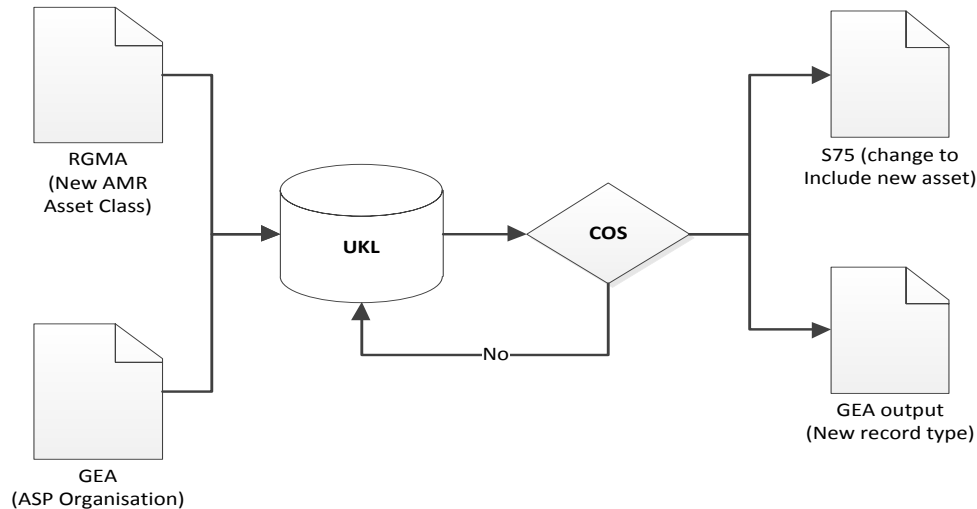
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Initial Option Assessments – Option C

- **Input** – Equipment details via new RGMA Asset Class, new ASP Organisation Type via the GEA.
- **Output** – New asset class via S75 record, ASP_ID via the GEA.



- Explicitly records AMR Equipment is at site without data being derived or assumed.
- Creation of a new Organisation type for ASP, and management through MDD.

NB – Impacts of change to UK Link systems are currently under assessment.

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Options Matrix

Criteria	Option A	Option B	Option C	Option Ø
Communicate SMSO (Re-using SMSO Organisation Type)	✓	✓	✓	✓
Communicate AMR asset at site (Creation of new Meter Mechanism)	X	✓	✓	X
Communicate ASP (Creating new Organisation Type)	X	X	✓	X
High Level Cost Estimate / Indicative Timescale	<£20k <3 months	£20k - £100k 3–6 months*	£20k - £100k 3-6 months*	£100k - £300k >12 months

- * Option B & C may be subject to a 12 months' lead time, as any system based solution is not expected to receive prioritisation due to scale of impacts to Shipper and Transporter systems given the scale of prevailing industry change.
- Options B & C are currently under assessment to confirm the potential impacts to UK Link systems.

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Considerations

- Are there any solution options which should be discounted?
- Are there any other potential solution options?
- Do the proposed options meet the requirements?

- N.B. All options would require SPAA changes.

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