

# Smart Metering Implementation Programme

## **Phase 1A – DCC Project** **DCC Scope & Services Workstream**

Meeting 13: 24 March 2011

## Agenda

1. Introductions
2. Meeting 12: Minutes & actions
3. Business process definition
  - Review models for:
    - Gas – Change of shipper
    - Electricity – Change of supplier
    - SM fleet management
  - Discuss:
    - Network operation
    - Other functions

## Agenda Item 2

### **MTG 12: MINUTES & ACTIONS**

## Agenda Item 3

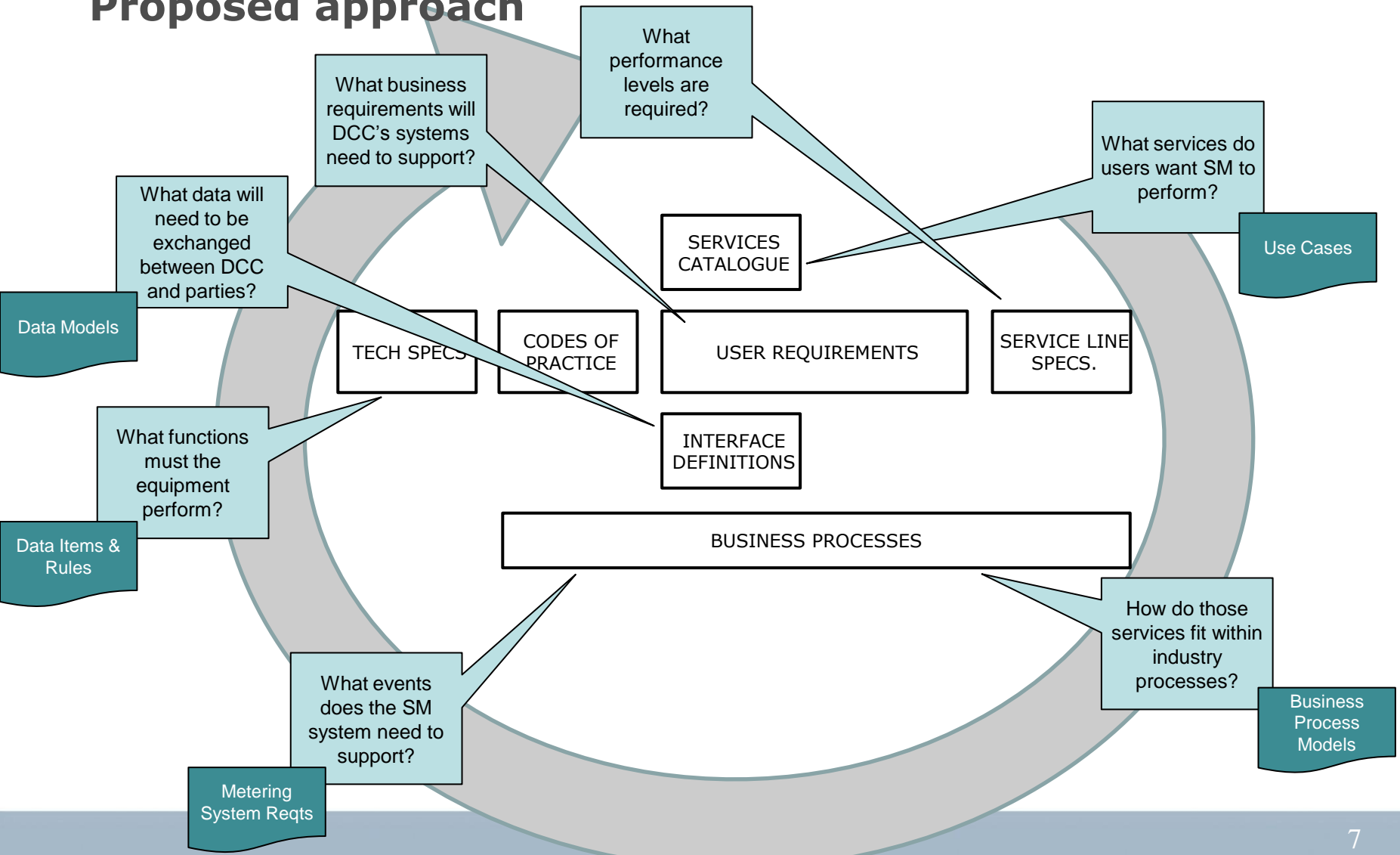
# **BUSINESS PROCESS MODELLING**

Business Processes	10-Feb	24-Feb	10-Mar	24-Mar	TBD		
01 Meter installation / activation <i>All</i>	Review						
02 SM fleet management <i>Elexon/Gemserv</i>			Discuss	Draft	Review		
03 Product management <i>Electralink/xoserve</i>		Discuss	Draft	Review			
04 Meter reading <i>Elexon/Gemserv</i>	Discuss	Draft	Review				
05 Change of supplier <i>All</i>				Discuss	Draft	Review	Review (If needed)
06 Change of tenancy <i>Electralink/xoserve</i>			Discuss	Draft	Review		
07 Payment processing <i>Elexon/Gemserv</i>			Discuss	Draft	Review		
08 Network operation <i>Electralink/xoserve</i>					Discuss	Draft	Review
09 Other (In-home & industry actions) <i>All</i>					Discuss	Draft	Review

## Agenda Item 3

# **BUSINESS PROCESS MODELS**

# Proposed approach



What data will need to be exchanged between DCC and parties?

Data Models

What business requirements will DCC's systems need to support?

TECH SPECS

CODES OF PRACTICE

What performance levels are required?

SERVICES CATALOGUE

USER REQUIREMENTS

SERVICE LINE SPECS.

What services do users want SM to perform?

Use Cases

What functions must the equipment perform?

Data Items & Rules

INTERFACE DEFINITIONS

BUSINESS PROCESSES

How do those services fit within industry processes?

Business Process Models

What events does the SM system need to support?

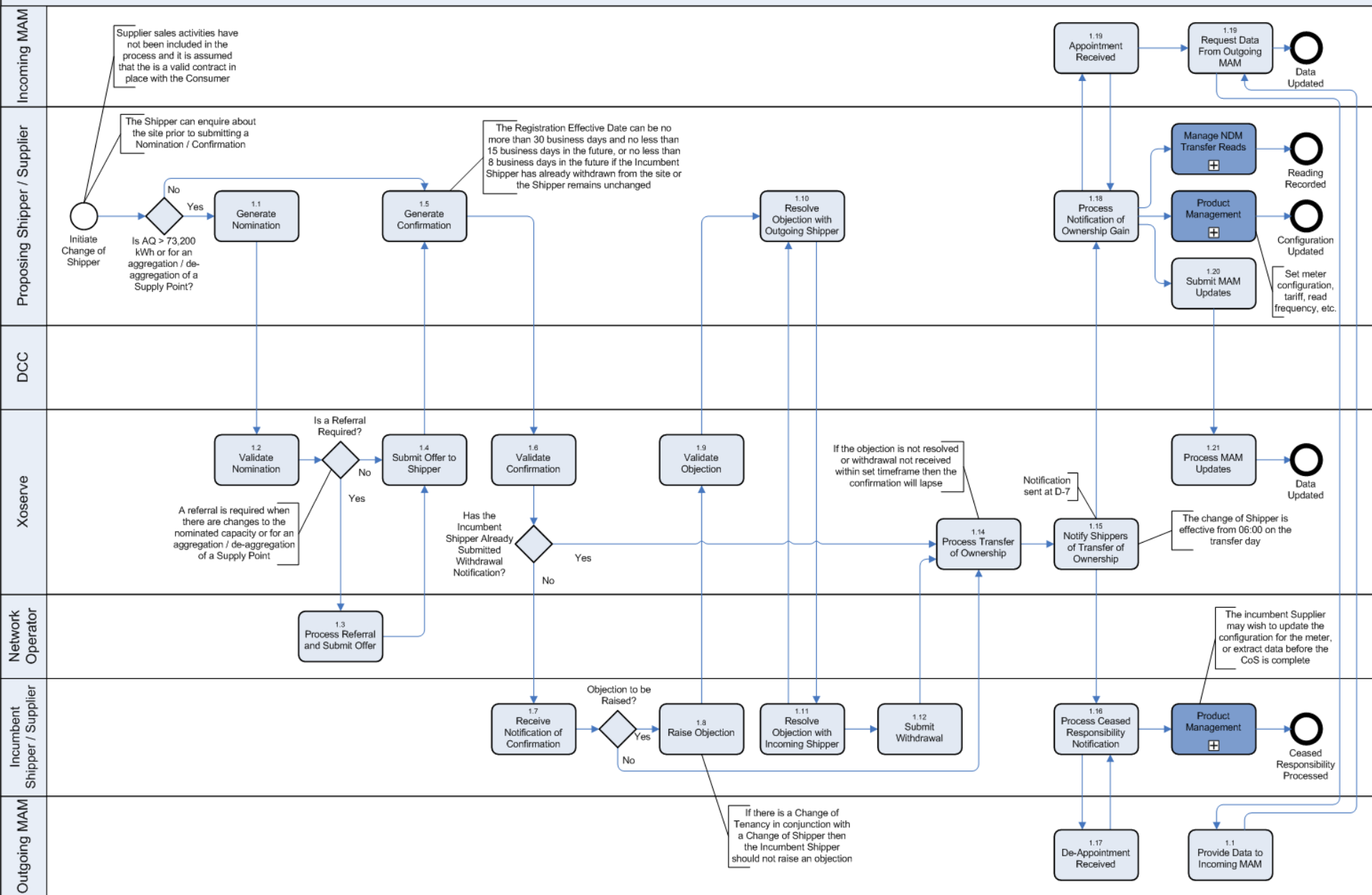
Metering System Reqt's

## Agenda Item 3

### **GAS – CHANGE OF SHIPPER**



# Manage Gas NDM Change of Shipper/Supplier v0.3



# Manage Gas NDM Transfer Reads v0.3

Incoming MAM

Proposing Shipper / Supplier

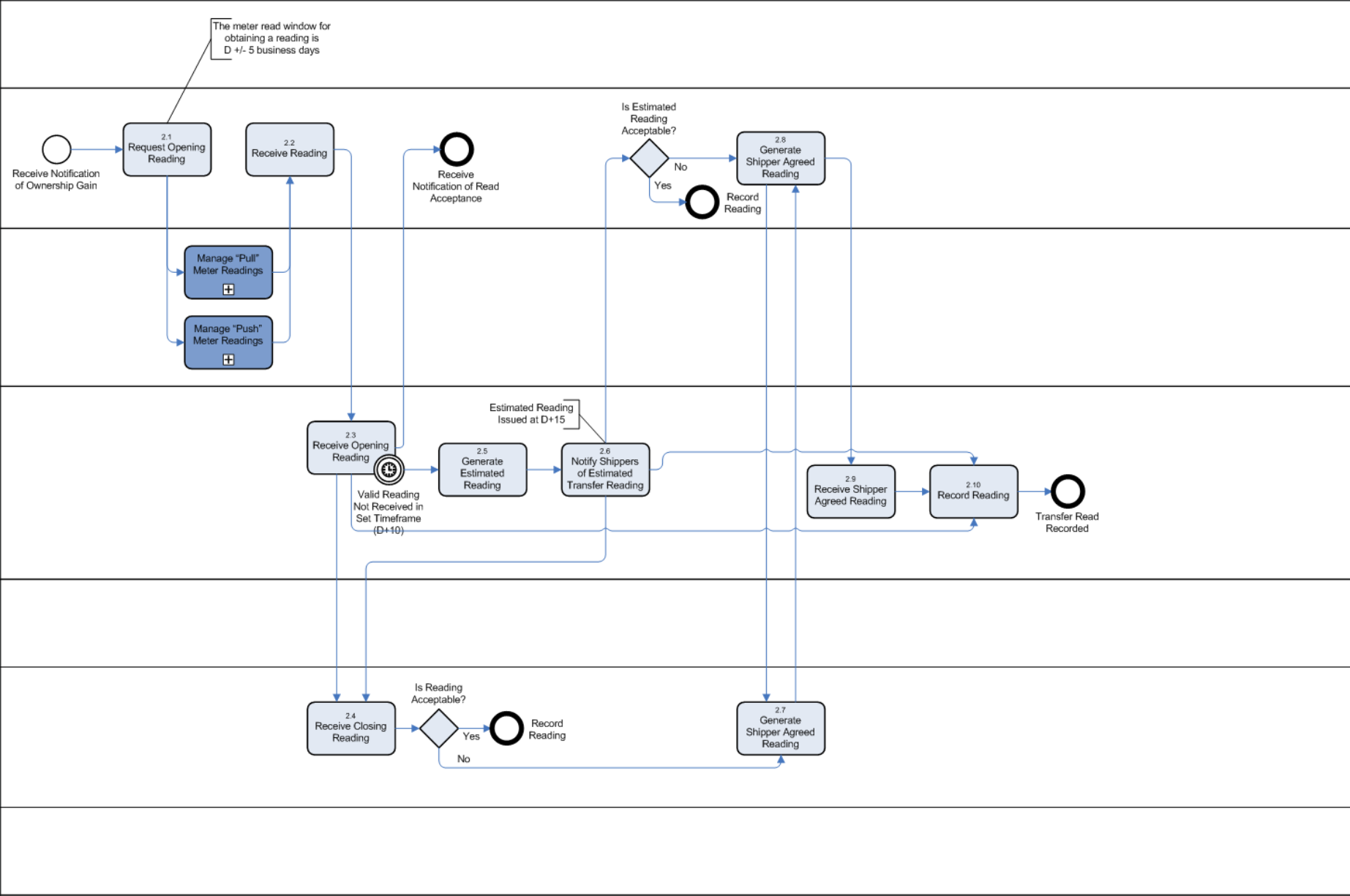
DCC

Xoserve

Network Operator

Incumbent Shipper / Supplier

Outgoing MAM

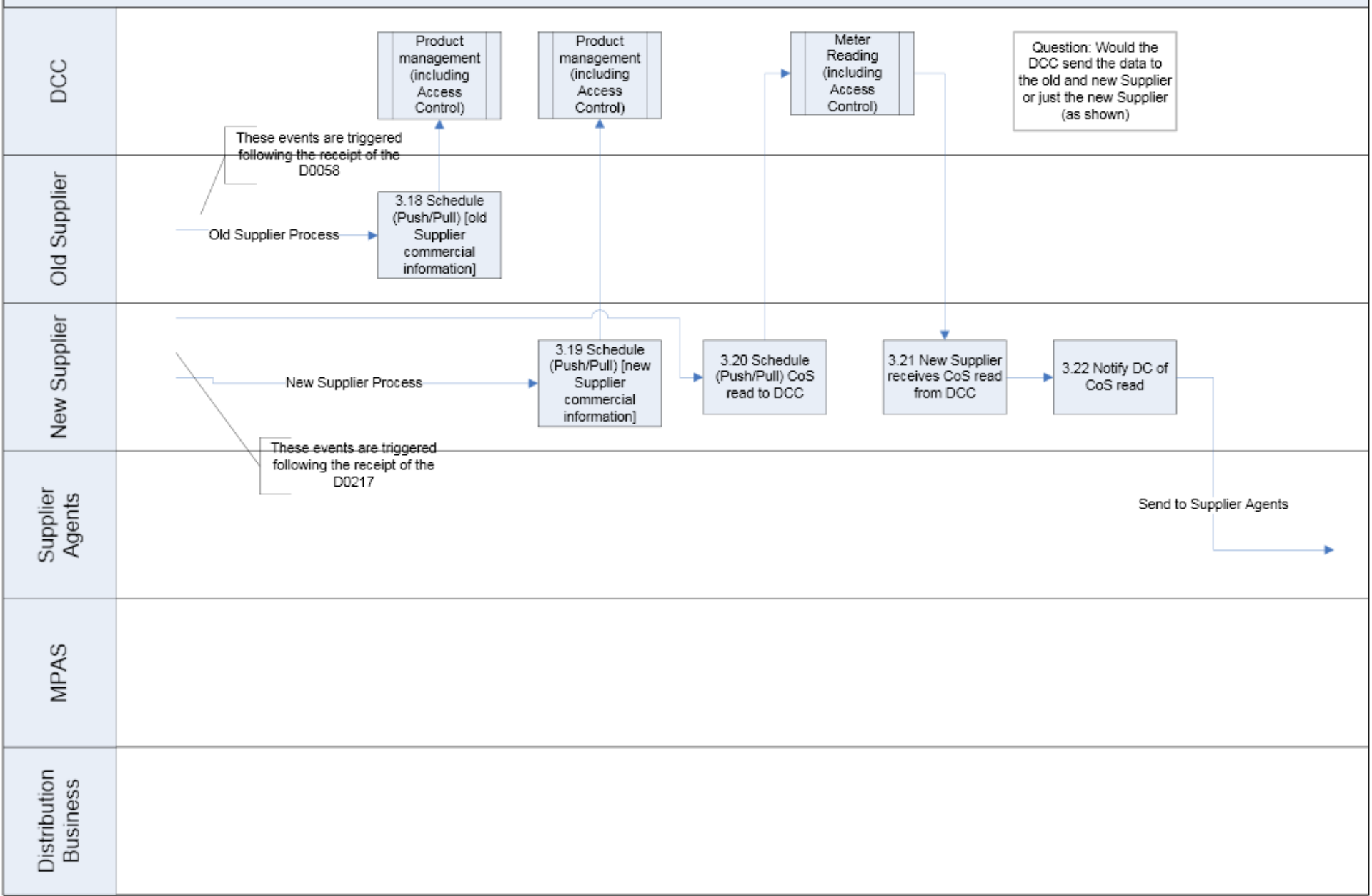


## Agenda Item 3

# **ELECTRICITY – CHANGE OF SUPPLIER**

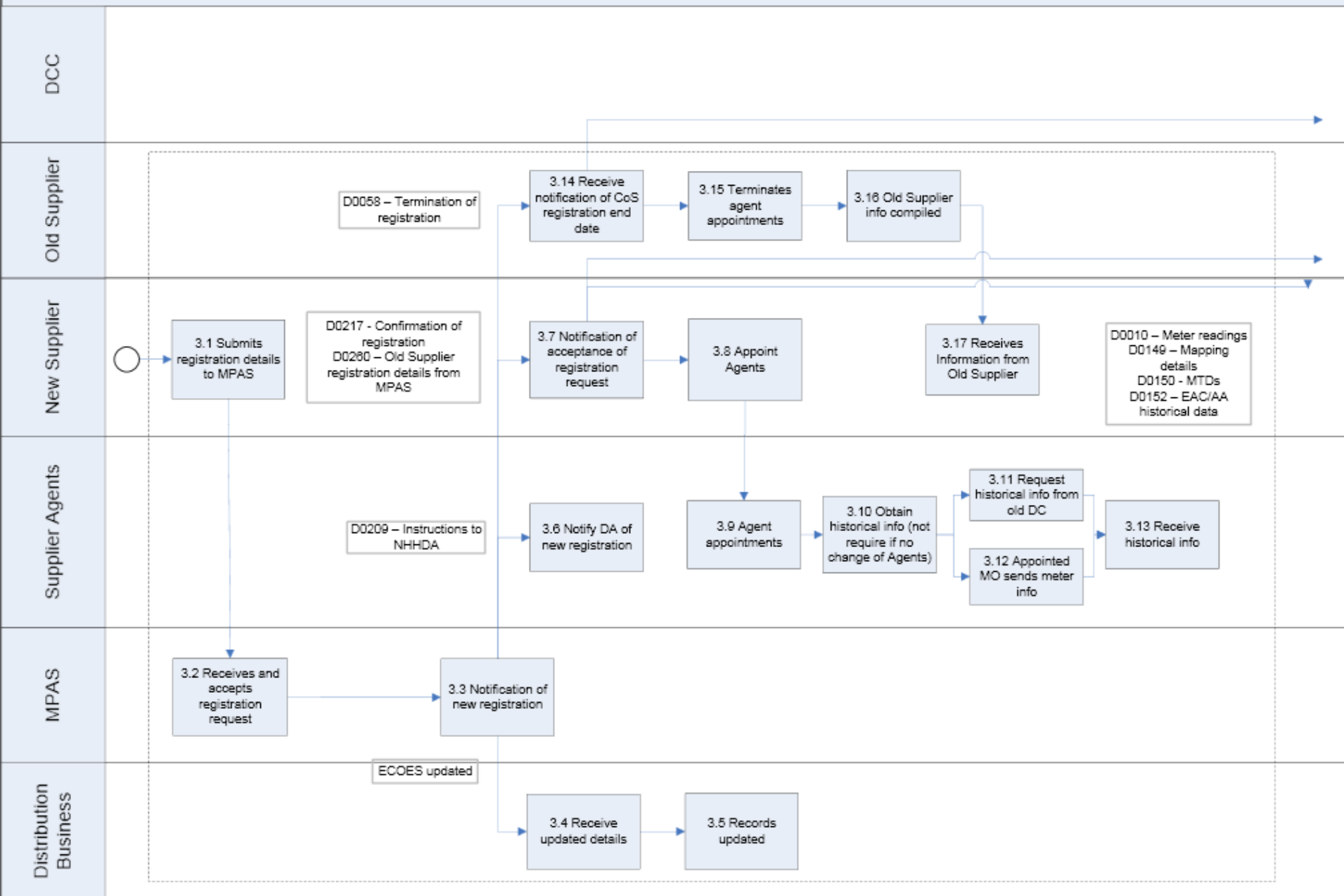
# Change of Supplier

## 3 Accepted CoS Registration with DCC CoS read (New Process)



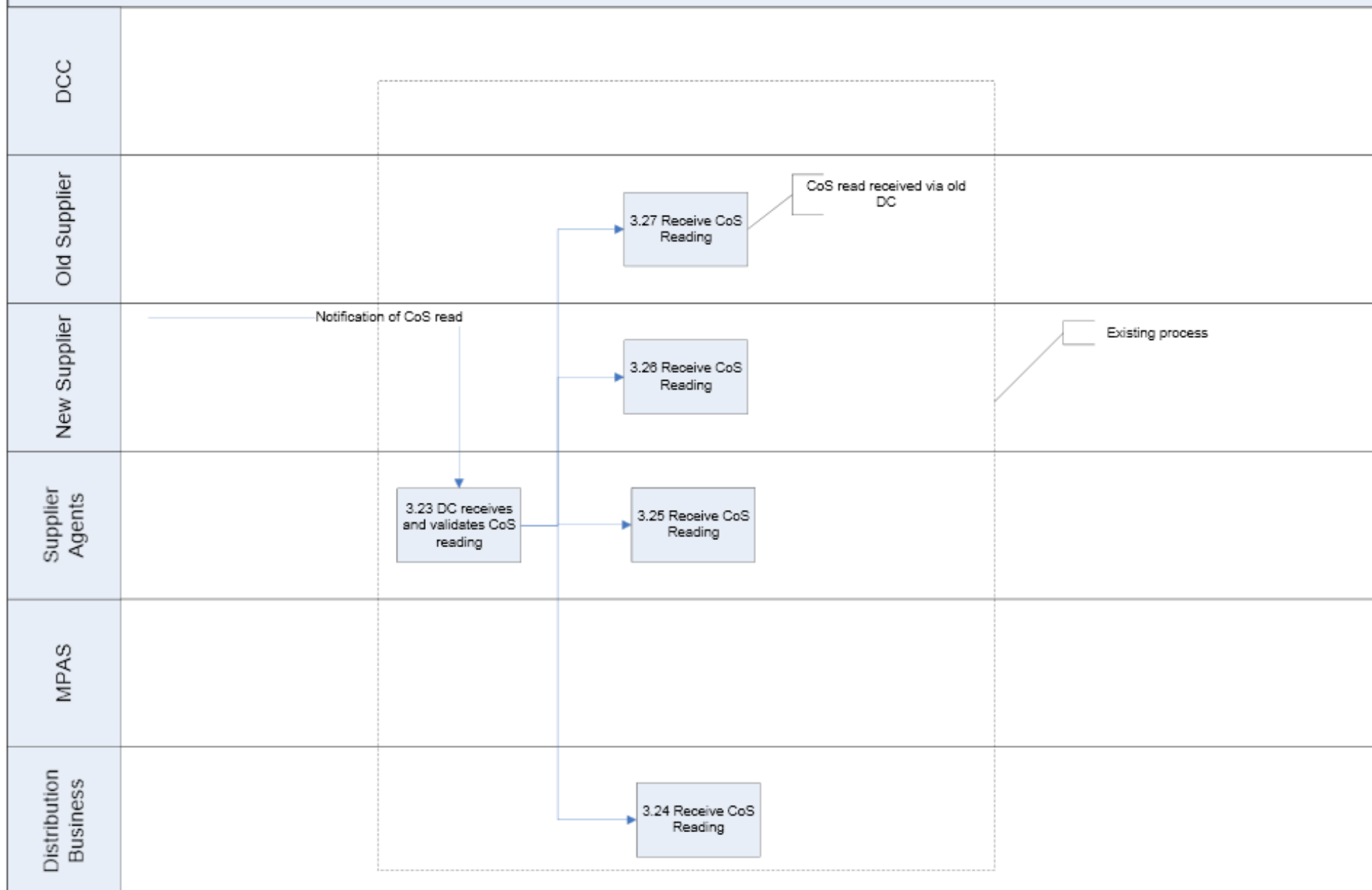
# Change of Supplier

## 3 Accepted CoS Registration with DCC CoS read (Existing process 1 – Pre DCC involvement)



# Change of Supplier

## 3 Accepted CoS Registration with DCC CoS read (Existing Process 2 – Post DCC involvement)

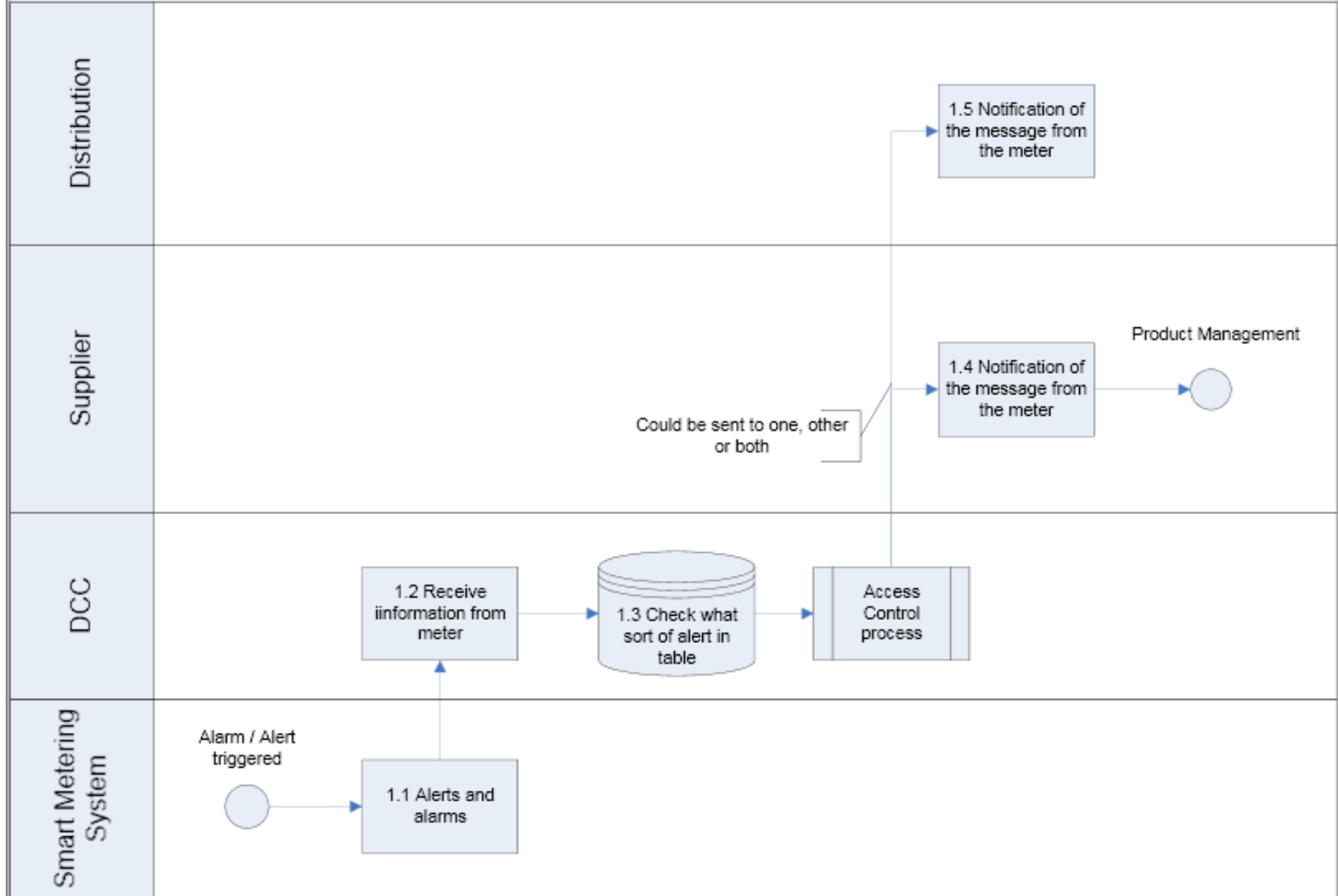


## Agenda Item 3

# **SMART METER FLEET MANAGEMENT**

# Fleet Management

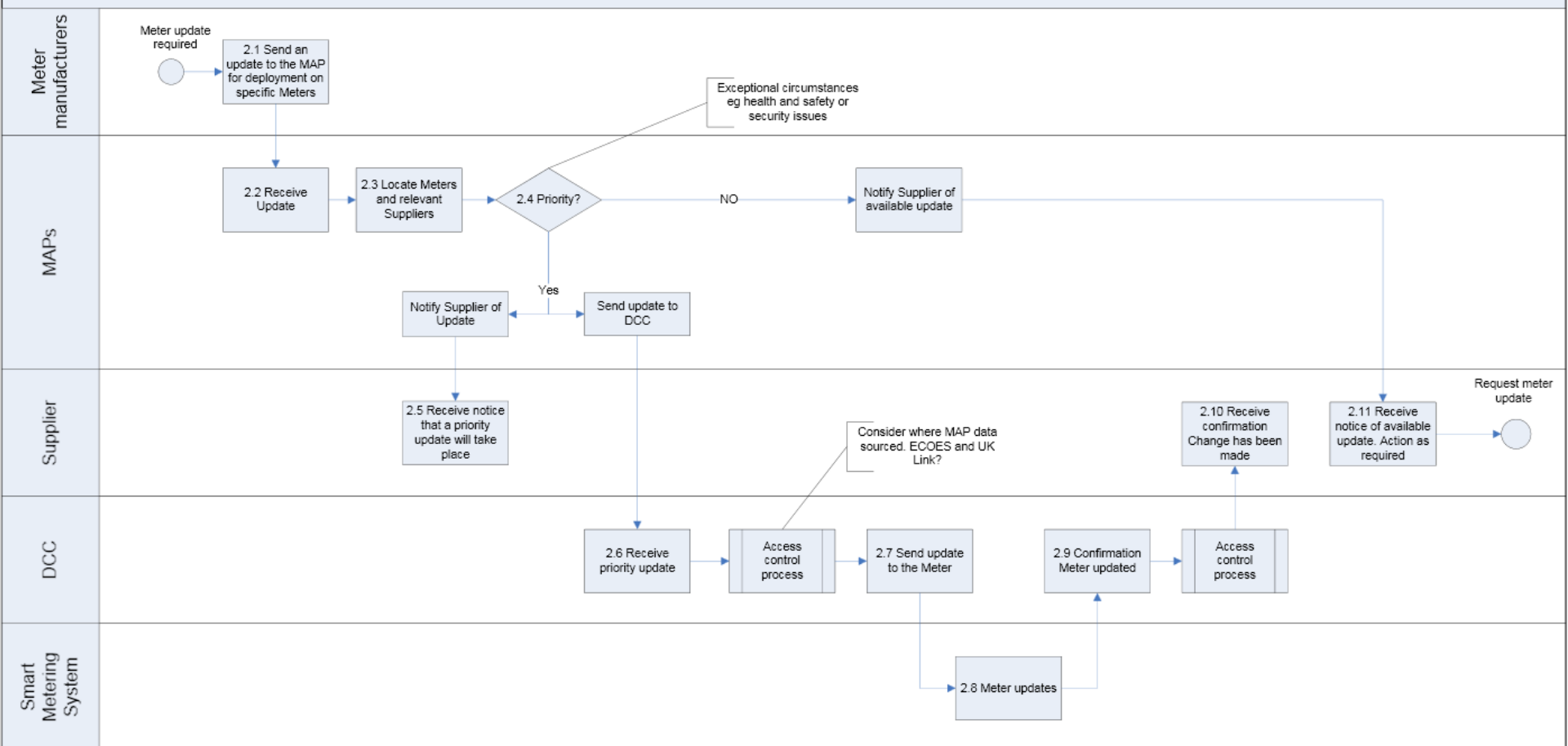
## Alarm originating from the Metering System





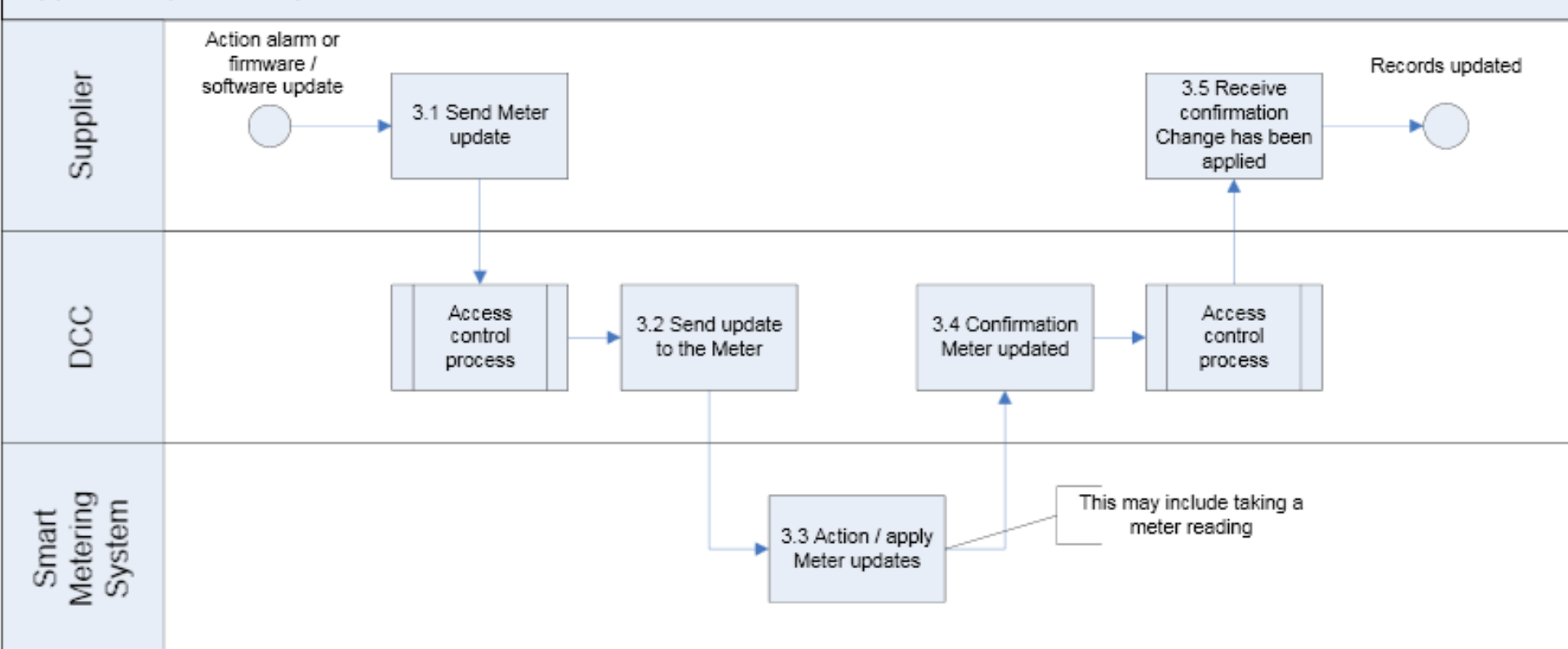
# Fleet Management

## Firmware / Software Update



# Fleet Management

## Supplier Requested Update



## Agenda Item 3

# **NETWORK OPERATION**



Dave's slides

## Agenda Item 3

# **OTHER FUNCTIONS**