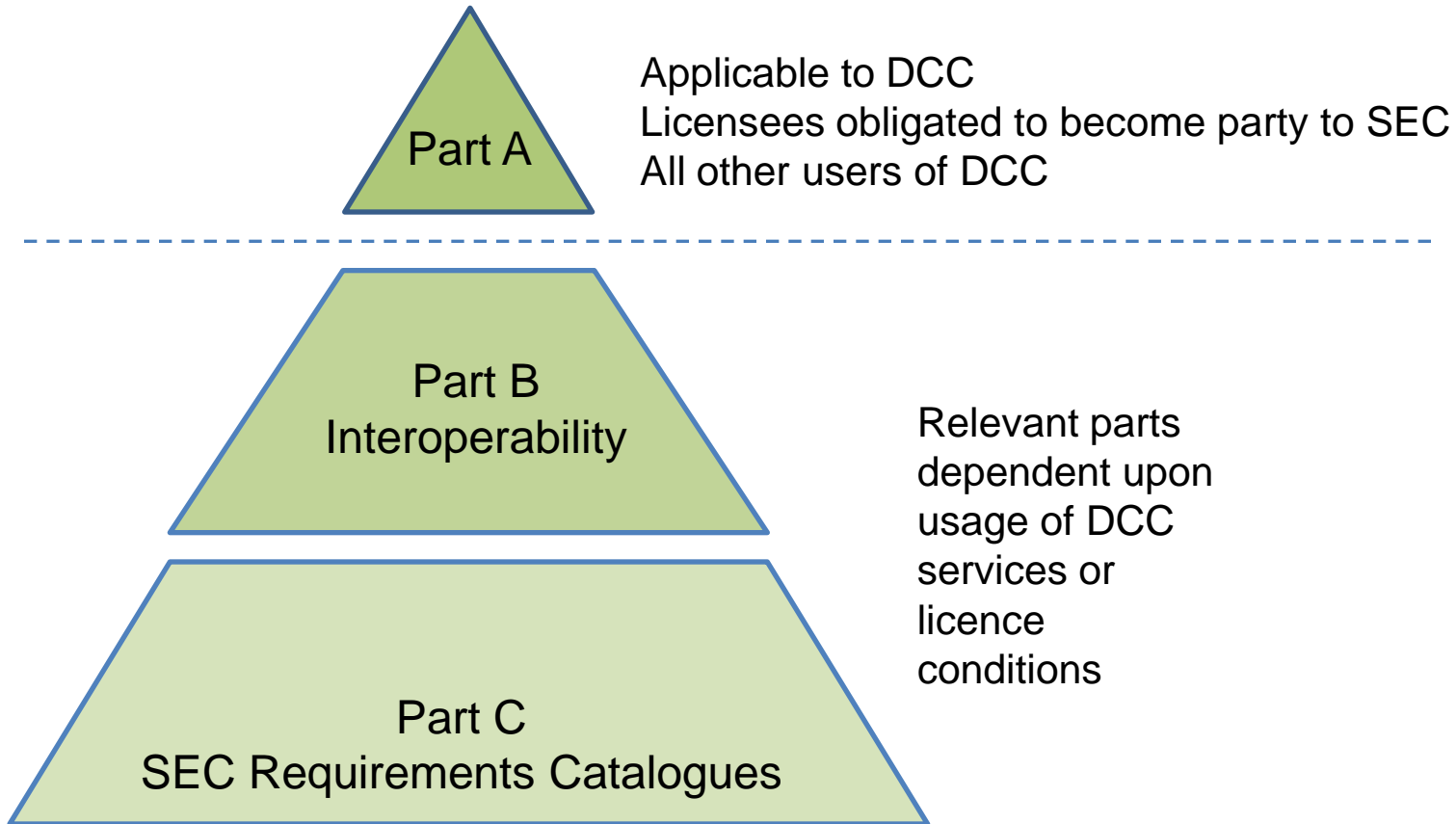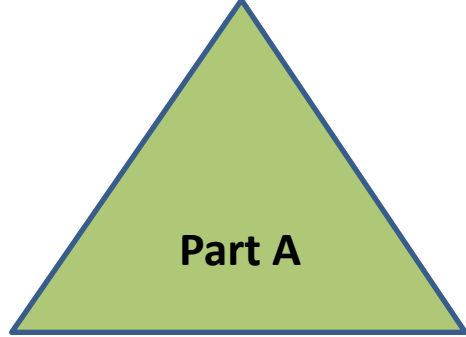# DCG SG3 Working Group

Update from 3rd February Working Group meeting

Attendees & Purpose

- Attended by:
  - Ofgem
  - ENA
  - ERA
  - Joint Office
  - Elexon
  - Electralink
  - Gemserv

- Purpose:
  - To build on current work regarding the outline content for the Smart Energy Code (SEC)
  - Discussion focused on:
    - Timetable
    - SEC structure & navigation
    - Way forward

SEC Structure and Navigation

Part A

Applicable to DCC
Licensees obligated to become party to SEC
All other users of DCC

**Part B
Interoperability**

Relevant parts dependent upon usage of DCC services or licence conditions

**Part C
SEC Requirements Catalogues**

Part A

Over-arching framework for SEC and 'SEC subsidiary documents:
•Defines Licensed Parties and other organisations who are users of DCC

• High Level roles and responsibilities – signposts to schedules and procedures for detailed processes to meet obligations

•Legal, governance and regulatory framework for DCC services and users

•Part A largely stable, unless a transformational change to the market, e.g. future DCC uptake of
    •Data Processing
    •Registration
•All Part A matters under Ofgem decision-making

Part A	Indicative contents
Prelim	Definitions, Commencement, Relevant Objectives, Accessions & Admission of other organisations who are Authorised Users of specified DCC services, Conditions Precedent
Governance	Functions & Constitution of Panel, Panel Members, Operation Panel powers and duties, Budget & Costs [of the SEC], Funding/(Credit?), Code Administrator Relationships to other Core Industry Documents Assurance – including any requirements for entry –level assessment for new parties/users; and DCC/parties accreditation& audit as well as technical assurance. Security and Privacy
Change Control	Change Control, Mods process, Voting and Decision making and Delegation, Implementation SEC Products
DCC	i) Conditions Precedent/Priority Conditions ii) Role, purpose, functions iii) Services obligations iv) Contract Management v) Charging methodology [statement]
General Legal Provisions	Limitation of Liability, Disputes, Confidentiality, Notices, Termination, Force Majeure, Contract Rights of 3rd Parties
Transitional Arrangements (if required)	Data Take-on at Go Live Cutover Go/No-Go Decision Transition Schedules Existing Arrangements
SCHEDULES	Part y Details Future Matters (e.g. Smart Grid, Transition) Accession/Admission Agreement Assurance & Audit (DCC and Parties) Breach/Default & Exit

Part B Interoperability

• Relevant sections applicable to DCC and users of DCC dependent upon services being used.

• Cascaded from signposts in Part A and further details requirements that underpin Part A Framework:
   •SMS Technical and functional requirements
   •DCC services

•Modifications subject to change control within Part A.

PART B INTEROPERABILITY	Indicative contents

Technical Interoperability	Functional & Technical Standards
	   A – SMS Functional Requirements
	   B – WAN Requirements
	   C - HAN Requirements
	
	 Transitional Requirements

Commercial Interoperability	A – DCC to Parties B - Supplier to Supplier ?
DCC Services	Service Descriptions Service Lines Billing & Payment Credit Arrangements [DCC] BC/DR/EXIT
Non Licenced DCC User Responsibilities	Admission & Declaration Access permissions Exit/Termination
SCHEDULES/SEC Procedures	– Access Control – DCC Charges Schedule – [DCC] Reporting – Provision of Data (Meter Reads, SMS equipment info) – Supplier responsibilities – Network Responsibilities (Smart Grid) – Performance Standards & Indicators (DCC & Parties?) – [Admission & Declaration Process & Templates] – Disputes

Part C
SEC Requirements Catalogues

Broadly the suite of SEC subsidiary documents:

• The technical documents and catalogues that are the foundation of the SMS and DCC arrangements.
• Potential for these to naturally fall to specific expert groups acting obo SEC Panel
• Independent of DCC management as these are for the market, not just DCC use.
• Possibility for self-governance due to technical nature
• Involvement of wider participation, e.g.
  • Comms/WAN
  • Metering organisations – MOp/MAM reps, manufacturer associations
  • 3rd Parties?

PART C SEC REQUIREMENTS CATALOGUEs	Indicative contents
DCC Services Catalogue	Event Log and Transactions Service Line Specs – DCC BCP – Data Provision – Access maintenance
Business Requirements Specifications	Services – Interaction with other market systems (e.g. MPAS/ECOES and IAD/UK Link data) – Security key management Quality Performance Regime
User Requirements Specifications	Services – Access Authorisation – Command Scheduling – Command Processing – Event Processing – SMS Equipment log (e.g. MSN, comms) – Service Accounting – Asset Accounting (WANCM) – Invoicing – Reporting Quality
SMS Technical Specifications	SMS FRS – Electricity Meters – Gas Meters – WAN Comms Unit – IHD – HAN Connected Devices
Interface Definitions	Technical transmission protocols to/from DCC WAN/SMS Interfaces Gateways – Service Requests – Outputs – WAN Protocol SMS commissioning data
Codes of Practice	Meter Installation Connection to WAN Connection to HAN Completion of SMS Installation Maintenance of SMS Exchange – remove
Security Protocols & Standards	InfoSec Service Line Spec for Security Requirements
SEC Assurance Documentation Suite	Business Processes Technical Test services Security Standards

Example matrix of DCC and users of DCC Services

	Part A						Part A – Schedules					Part B								Part B – Schedules					Part C							
	Prelim	Governance	Change Control	DCC	General Legal Provisions	Transitional Arrangements	Party Details	Parties	Accession/Admission Agreement	Assurance and Audit (DCC and Parties)	Breach/Default and Exit	Technical Interoperability	Commercial Interoperability	DCC Services	Authorised User Responsibilities	Access Control	DCC Charges Schedule	[DCC] Reporting	Provision of Data	Supplier responsibilities	Network responsibilities	Performance Standards & Indicators	Admission & Declaration Process & Templates	Disputes	DCC Services Catalogue	Business Requirments Specifications	User Requirements Specifications	SMS Technical Specifications	Interface Definitions	Codes of Practice	Security Protocols & Standards	SEC Assurance Documentation Suite
DCC	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
ROLE 1	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔			✔	✔					✔	✔		✔				✔			✔
ROLE 2	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔		✔			✔			✔									✔	✔	✔	