Annex A – Product Description for SEC

Programme	SMIP Programme
Title	Draft SEC v0.01
Purpose	A draft of the SEC needs to be developed by November 2011. The draft SEC (v0.01) will be used: • as the basis for further detailed development of the SEC, once critical Government policy decisions have been taken; and • as one of the products for the DCC bid process documentation suite. The SEC is comprised of a series of sections, each section must contain the same type of information in the same style to allow for the individual sections to be easily incorporated into a combined draft version of the SEC.

Composition	The SEC v0.01 will contain sections as listed in the agreed SEC Structure
	
	PART A – GOVERNANCE AND CHANGE CONTROL
	
	• Preliminary
	
	    o Definitions, Commencement, Relevant Objectives, Accessions & Admission of other organisations who are Authorised Users of specified DCC services, Conditions Precedent
	
	• Governance
	
	    o Functions & Constitution of Panel, Panel Members, Operation Panel powers and duties, Budget & Costs [of the SEC], Funding/(Credit?), Code Administrator
	
	    o Relationships to other Core Industry Documents
	
	    o Assurance – including any requirements for entry –level assessment for new parties/users; and DCC/parties

accreditation& audit as well as technical assurance.

- o Security and Privacy
- Change Control
  - o Change Control, Mods process, Voting and Decision making and Delegation, Implementation
  - o SEC Products
- DCC
  - o Conditions Precedent/Priority Conditions
  - o Role, purpose, functions
  - o Services obligations
  - o Contract Management
  - o Charging methodology [statement]
- General Legal Provisions
  - o Limitation of Liability, Disputes, Confidentiality, Notices, Termination, Force Majeure, Contract Rights of 3rd Parties
- Transition Arrangements
  - o Data Take-on at Go Live
  - o Cutover
  - o Go/No-Go Decision
  - o Transition Schedules
  - o Existing Arrangements
- Schedules
  - o Party Details
  - o Future Matters (e.g. Smart Grid, Transition)
  - o Accession/Admission Agreement

- Assurance & Audit (DCC and Parties)

- Breach/Default & Exit

PART B – INTEROPERABILITY

- Technical Interoperability

  - Functional & Technical Standards

  - A – SMS Functional Requirements

  - B – WAN Requirements

  - C - HAN Requirements

  - Transition 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 Licensed DCC User Responsibilities

  - Admission & Declaration

  - Access permissions

  - Exit/Termination

- Schedules / SEC Procedures

  - Access Control

- o [DCC Charges Schedule]

- o [DCC] Reporting

- o Provision of Data (Meter Reads, SMS equipment info)

- o Supplier responsibilities

- o Network Responsibilities (Smart Grid)

- o User responsibilities

- o [Performance Standards & Indicators (DCC & Parties?) DCC detailed, Users]

- o [Admission & Declaration Process & Templates]

- o Disputes

- o Emergencies

PART C – SEC REQUIREMENTS CATALOGUES

- DCC Services Catalogue

  - o Event Log and Transactions

  - o Service Line Specs

    - DCC BCP

    - Data Provision

    - Access maintenance

- Business Requirements Specifications

  - o Services

    - Interaction with other market systems (e.g. MPAS/ECOES and IAD/UK Link data)

    - Security key management

  - o 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
	
	    o Meter Installation
	
	    o Connection to WAN
	
	    o Connection to HAN
	
	    o Completion of SMS Installation
	
	    o Maintenance of SMS
	
	        ▪ Exchange
	
	        ▪ Remove
	
	• Security Protocols and Standards
	
	    o InfoSec
	
	    o Service Line Spec for Security Requirements
	
	• SEC Assurance Document Suite
	
	    o Business Processes
	
	    o Technical Test services
	
	    o Security
	
	    o Standards
	
	Additionally a SEC map/pictorial will be produced to demonstrate the interaction between the SEC, any subsidiary documents and existing Codes and agreements.

Knowledge Required	Drafters will need to be familiar with: • The work of SG1 and SG3 to date • The draft contents of the SEC • The potential impacts on the existing Codes and Agreements (this will need to be undertaken by each Code Admin separately and

	shared at an early stage with the drafters to allow for their incorporation into the draft sections).
Format & Presentation	Each chapter should be produced as a Word document using the following structure: **Section Title** Clear English summary of Section content • [Where options exist those options separated out into separate bullets within summary] • [Drafting notes as applicable] • [Box to identify potential interactions with existing Codes and Agreements]
Quality Responsibilities	Drafters – TBC Reviewers – (1) Initial Peer review by other Drafters, (2) DCG SG3 Members, (3) DCG Product Approval – SMIP Programme

Dependencies	Area of the Code	Dependency	Producer
	Governance	None	Programme
	Commercial Interoperability	Nature of the commercial interoperability regime.	DCG Subgroup 2
	Technical Interoperability		SMDG
	Meter Installation and Maintenance	none	Programme (SMDG)

	Service Descriptions	Baselined DCC services description	DCG Subgroup 1 SMDG Subgroup 1
	DCC Management	none	Programme
	Service Lines	Privacy and security principles	STEG (Security) Programme (privacy)
	Metering Technical Specifications	Smart meter specifications	SMDG
	Code of Practice	Identification of the rules for meter installation	SMDG
	Services Catalogue	Agreement and alignment of meter service catalogue and DCC service provision	SMDG Subgroup1 DCG Subgroup 1
	User Requirements	Defining user requirement	DCG Subgroup 1
	Interface Definitions	Product descriptions	DCG Subgroup 1 SMDG Subgroup 1
	Service Line Specifications	none	Programme
	Business Processes	Regulatory regime for smart metering	Programme