

Document Change Record	Reference and Version:	See file name in header See below for change history	<i>Document references are allocated by NETA Design authority.</i>
	Status:	1	<i>1--Draft Change; 2-Change For Review; 3-Change Accepted; 4-Change Applied; 5-Updated Document Awaiting Review; 6-Updated Document Approved</i>
	Acceptance document reference:		<i>Reference of letter or email from client accepting change (required to progress status to 3)</i>
	Related Change Record(s):		<i>Earlier change records which affect the same parts of the document this change relates to</i>
Change notice	Reference:	07-2110-CP1201	<i>Identification of document leading to this change</i>
Baseline Document	Reference and title:	Interface Specification Part 1	<i>Logica file reference & title</i>
	Apply to Version:	18.0	<i>Last released version - should be an integer</i>
	Included in Version:		<i>Version incorporating the changes described in this document - set when status reaches 4</i>

Change History

version	date	comments	author
0.1	30/07/07	First draft.	John Guest
<u>0.2</u>	<u>30/07/07</u>	<u>Draft after ELEXON review.</u>	<u>John Guest</u>

Review (use where comments submitted as mark-up)

date	reviewer name	reviewer signature

Description of change:

5.3 CDCA-I003: (input) Meter technical data

Interface Id: CDCA-I003	Source: MOA, <u>Registrant</u>	Title: Receive meter technical data	ITT reference: CDCA SD 5 BPM 4.20, CP619, CP751, CP753, CP756, <u>CP1201</u>
Mechanism: Manual, by email, letter or fax	Frequency: On demand.	Volumes: 50 per month	
Interface Requirement:			
<p>The CDCA receives records of Metering Equipment Technical Details (including passwords where appropriate) associated with each Metering System, associated data collector outstation and communications facility applicable to that Metering System, as received from the relevant MOA <u>or Registrant</u>. The details will have effective dates which may be retrospective.</p> <p>This data consists of the following:</p> <p><u>Metering System Details</u></p> <p>Metering System Identifier Effective from Settlement Date Distribution Business Id Energisation Status Energisation Status Effective from date Energisation Status Effective to date Metering System Contact Name Metering System Contact Telephone Number Metering System Contact Fax Number Metering System Address Line 1 Metering System Address Line 2 Metering System Address Line 3 Metering System Address Line 4 Metering System Address Line 5 Metering System Address Line 6 Metering System Address Line 7 Metering System Address Line 8 Metering System Address Line 9 Metering System Postcode Metering System Latitude Metering System Longitude Meter Equipment/Service Location Dispensation Reference; Dispensation Effective From Date; Dispensation Effective To Date; Reason for Dispensation. Transfer flag (indicates this is a transfer from SMRS)</p> <p><u>Outstation Details</u></p> <p>Outstation Id Outstation Type Outstation Serial Number Outstation Number of Channels Outstation Number of Dials Outstation PIN Outstation Password A Outstation Password B Outstation Password C Communications Address Baud Rate Previous Metering System Identifier Previous Outstation Id</p> <p><u>Outstation Channel</u></p> <p>Outstation Id</p>			

Outstation Channel Number
 Meter Serial Number
 Meter Register Id
 Outstation Channel Precedence (Primary, Secondary, Tertiary etc)
 Pulse Multiplier
 Outstation Channel Multiplier
 Minimum MWh Value
 Maximum MWh Value

Physical Meter Details

Meter Serial Number
 Manufacturers Make & Type
 Meter Current Rating
 Meter Code of Practice
 VT Ratio
 CT Ratio
 System Voltage
 Number of Phases

Meter Register Details

Meter Register Id
 Meter Register Multiplier
 Measurement Quantity Id
 Metering Subsystem Id (for Main channels only)
 Number of Register Digits
 Associated Meter Id (for Check channels pointing to a Main)
 Associated Meter Register Id (for Check channels pointing to a Main)

Metering Subsystem Id is an identifier associated with Main channels, for the purpose of referencing filtered measurement quantities within aggregation rules supplied by a BSC Party via CDCA-I001.

Physical Interface Details:

5.36 CDCA-I051: (output) Report Meter Technical Details

Requirement ID: CDCA-I051	User: BSC Party, MOA, Distribution Business, System Operator.	Title: Report Meter Technical Details	ITT reference: CR 78a, CP751, <u>CP1201</u>
Man/auto: Manual	Frequency: On Demand	Volumes: 50 per month	
Interface Requirement:			
<p>The CDCA shall report the Meter Technical Details (which are received from Meter Operator Agents <u>or Registrants</u> in flow CDCA-I003) to the MOA, Registrant, Distributor (where appropriate) and System Operator, as confirmation of the process of loading the details into the system. This report shall also be provided on demand.</p> <p>The information sent will be similar to that included in CDCA-I003, and will include the following:</p> <p><u>Metering System Details</u> Metering System Identifier Effective from Settlement Date Distribution Business Id Energisation Status Metering System Contact Name Metering System Contact Telephone Number Metering System Contact Fax Number Metering System Address Line 1 Metering System Address Line 2 Metering System Address Line 3 Metering System Address Line 4 Metering System Address Line 5 Metering System Address Line 6 Metering System Address Line 7 Metering System Address Line 8 Metering System Address Line 9 Metering System Postcode Metering System Latitude Metering System Longitude Meter Equipment/Service Location Dispensation Reference Dispensation Effective From Date Dispensation Effective To Date Reason for Dispensation</p> <p><u>Outstation Details</u> Outstation Id Outstation Type Outstation Serial Number Outstation Number of Channels Outstation Number of Dials Outstation PIN Outstation Password A Outstation Password B Outstation Password C Communications Address Baud Rate Previous Metering System Identifier Previous Outstation Id</p> <p><u>Outstation Channel</u> Outstation Id Outstation Channel Number Meter Serial Number Meter Register Id</p>			

Outstation Channel Precedence (Primary, Secondary, tertiary etc.) Pulse Multiplier Outstation Channel Multiplier Min MWh Value Max MWh Value <u>Physical Meter Details</u> Meter Serial Number Manufacturers Make & Type Meter Current Rating Meter Code of Practice VT Ratio CT Ratio System Voltage Number of Phases <u>Meter Register Details</u> <u>Meter Serial Number</u> Meter Register Id (1, 2, 3, or 4) Meter Register Multiplier Measurement Quantity Id (AE, AI, RE, RI) Register type (Main, Check) Metering Subsystem Id (for Main channels only) Number of Register Digits Associated Meter Id (for Check channels pointing to a Main) Associated Meter Register Id (for Check channels pointing to a Main)
Metering Subsystem Id is an identifier associated with Main channels, for the purpose of referencing filtered measurement quantities within aggregation rules supplied by a BSC Party via CDCA-I001.
Physical Interface Details:

2.2.143.1.2 CDCA Interfaces

The CDCA interfaces to BSC Parties and Agents are listed below. Note that the numbering convention for the interfaces includes internal interfaces (which are not listed).

Agent-id	Name	Dirn	User	Type
CDCA-I001	Aggregation Rules	From	BSC Party	Manual
<u>CDCA-I003</u>	<u>Meter Technical Data</u>	<u>From</u>	<u>Registrant</u>	<u>Manual</u>
CDCA-I003	Meter Technical Data	From	MOA	Manual
CDCA-I004	Notify new Meter Protocol	To	MOA	Manual
CDCA-I005	Load New Meter Protocol	From	MOA	Manual
CDCA-I006	Meter Data for Proving Test	To	MOA	Manual
CDCA-I007	Proving Test Report/Exceptions	To	BSC Party	Manual
CDCA-I007	Proving Test Report/Exceptions	To	MOA	Manual
CDCA-I008	Obtain Metered Data from Metering Systems	From	Physical meters	Meter System Interface

Agent-id	Name	Dirn	User	Type
CDCA-I009	Meter Period Data collected via site visit	From	Hand Held Device/Data Capture Device (MV-90)	Manual
CDCA-I010	Exception Report for missing and invalid meter period data	To	BSC Party	Electronic data file transfer
CDCA-I010	Exception Report for missing and invalid meter period data	To	MOA	Electronic data file transfer
CDCA-I011	Dial Readings from meter, for MAR	From	Hand Held Device/Data Capture Device (MV-90)	Manual
CDCA-I012	Report raw meter data	To	BSC Party	Electronic data file transfer
CDCA-I012	Report raw meter data	To	Distribution Business	Electronic data file transfer
CDCA-I013	Response to Estimated data	From	BSC Party	Manual
CDCA-I014	Estimated Data Report	To	BSC Party	Electronic data file transfer
CDCA-I014	Estimated Data Report	To	MOA	Electronic data file transfer
CDCA-I015	Reporting Metering Equipment Faults	From	MOA	Manual
CDCA-I017	Meter Reading Schedule for MAR	To	BSC Party	Manual
CDCA-I017	Meter Reading Schedule for MAR	To	MOA	Manual
CDCA-I018	MAR Reconciliation Report	To	BSC Party	Manual
CDCA-I018	MAR Reconciliation Report	To	Distribution Business	Manual
CDCA-I018	MAR Reconciliation Report	To	MOA	Manual
CDCA-I019	MAR Remedial Action Report	To	BSC Party	Manual
CDCA-I019	MAR Remedial Action Report	To	Distribution Business	Manual
CDCA-I019	MAR Remedial Action Report	To	MOA	Manual
CDCA-I021	Notification of Metering Equipment Work	From	MOA	Manual
CDCA-I025	Aggregation Rule Exceptions	To	BSC Party	Manual
CDCA-I026	Aggregated Meter Volume Exceptions	To	BSC Party	Manual
CDCA-I029	Aggregated GSP Group Take	To	BSC Party	Electronic data file

Agent-id	Name	Dirn	User	Type
	Volumes			transfer
CDCA-I029	Aggregated GSP Group Take Volumes	To	Distribution Business	Electronic data file transfer
CDCA-I030	Meter Period Data for Distribution Area	To	Distribution Business	Electronic data file transfer
CDCA-I037	Estimated Data Notification	To	BSC Party	Manual
CDCA-I037	Estimated Data Notification	To	MOA	Manual
CDCA-I038	Reporting Metering Equipment Faults	To	BSC Party	Manual
CDCA-I038	Reporting Metering Equipment Faults	To	MOA	Manual
CDCA-I041	Interconnector Aggregation Report	To	IA	Electronic data file transfer
CDCA-I042	BM Unit Aggregation Report	To	BSC Party	Electronic data file transfer
CDCA-I044	Meter System Proving Validation	From	MOA	Manual
CDCA-I045	Meter Data from routine work and Metering Faults	From	MOA/Data Capture Device (MV-90)	Manual
CDCA-I046	Site Visit Inspection Report	To	BSC Party	Manual
CDCA-I046	Site Visit Inspection Report	To	MOA	Manual
CDCA-I047	Correspondence Receipt Acknowledgement	To	BSC Party	Manual
CDCA-I048	Report of Aggregation Rules	To	BSC Party	Manual
CDCA-I051	Report Meter Technical Details	To	BSC Party,	Manual
CDCA-I051	Report Meter Technical Details	To	Distribution Business	Manual
CDCA-I051	Report Meter Technical Details	To	MOA	Manual
CDCA-I054	Meter Status Report	To	BSC Party,	Electronic data file transfer
CDCA-I054	Meter Status Report	To	Distribution Business	Electronic data file transfer
CDCA-I054	Meter Status Report	To	MOA,	Electronic data file transfer
CDCA-I055	`Transfer from SMRS information	From	BSC Party	Manual
CDCA-I057	Transfer to SMRS information	from	BSC Party	Manual
CDCA-I059	Initial Meter Reading Report	To	BSC Party	Manual

Agent-id	Name	Dirn	User	Type
CDCA-I060	SVA Party Agent Details	From	SVA Registrant, CVA Registrant	Manual