

SEC PANEL REPORT

System Integration, Device Integration, and User Testing

Reporting Period 27 July 2026 to 02 Aug 2026

05 Aug 2026

Executive Summary

- This is the DCC progress report concerning DCC testing activity for the period between **27 July 2026 to 02 Aug 2026**

Changes from the previous week's report are in Purple Bold text

- There is a meeting arranged every Friday at 12:00 to present and discuss this report. To access the meeting please Join the **MSTeams Meeting - Passcode: pq3UP3gu** , or
Dial-in +44 20 7660 8258 - conference ID: 80000724#

****Please note new meeting link, conference ID, and passcode****

- A list of acronyms is provided at the end of this report.
- Any questions on this report please contact Test Assurance (**testassurance@smartdcc.co.uk**)

Executive Summary (1 of 5) – 4G CH Release 2

Testing Status:



Tracking against:	SIT-B TAB 17 August 2026
Confidence Level:	80%→
UTS Start:	27 August 2026
Go-Live Date:	06 October 2026

- SIT Functional Testing commenced on 02 June 2026
- Planning underway to maintain the TAB & TAG dates.
- Firmware fix delivered in SIT on 06 July
- Test case numbers updated +12 (erroneously omitted)
- TAG 140 approved discounting of 2 Meter Manufacturer Accepted Testing Issues
- Severity of open testing issues agreed at TAG 140;
4 x Sev3 and 2 x Sev4
- 3 x Sev3 testing issues have been raised

Functional Testing

Run		Passed	
80%↑	1189/1485↑	99%↑	1178/1189

Regression Testing

Run		Passed	
0%	0/0	0%	0/0

Severity	Count	Comment
1	0	
2	0	
3	12 (+3)	-2 x In Test -9 x Open -1 x Rework
4	3	-3 x Open
5	0	

RAG Definitions **BLUE**: Completed, **GREEN**: Dates will be met, **AMBER**: Risk that dates will not be met, **RED**: Dates will not be met

Executive Summary (2 of 5) – November 2026 SEC Release

Testing Status:



Tracking against:	SIT-B TAB 09 Sept 2026
Confidence Level:	90%↑
UTS Start:	17 Sept 2026
Go-Live Date:	05 Nov 2026

- SIT Functional Testing commenced on 02 July 2026
- 1 x Sev3 Testing Issue downgraded to Sev4 (known issue encountered by GBCS 4.2, also suspected as MM Issue)
- 1 x Sev4 Testing Issue has been raised

Functional Testing

Run		Passed	
96.4%↑	1046/1085	99.9%↑	1045/1046

Regression Testing

Run		Passed	
0%	0/0	0%	0/0

Severity	Count	Comment
1	0	
2	0	
3	0 (-1)	
4	2 (+2)	-1x Fixed -1x Open
5	0	

RAG Definitions **BLUE**: Completed, **GREEN**: Dates will be met, **AMBER**: Risk that dates will not be met, **RED**: Dates will not be met

Executive Summary (3 of 5) – GBCS 4.2 CHM3

Testing
Status:



Tracking against:	SIT-B TAB 28 Oct 2026
Confidence Level:	70%→
UTS Start:	04 Dec 2026
Go-Live Date:	26 Feb 2027

Functional Testing			
Run		Passed	
46.3%↑	1258/2714	99.6%↑	1254/1258

Regression Testing			
Run		Passed	
0%	0/0	0%	0/0

Severity	Count	Comment
1	0	
2	0	
3	3 (+1)	-3 x Open -1 x Fixed
4	0	
5	0	

- SIT Functional Testing commenced on 13 July 2026
- 1 x Sev3 Testing Issue has been raised

RAG Definitions **BLUE**: Completed, **GREEN**: Dates will be met, **AMBER**: Risk that dates will not be met, **RED**: Dates will not be met

Executive Summary (4 of 5) – SMETS1 FOC ANSO Re-Procurement

Testing Status:



Tracking against:	SIT-B TAB 21 Aug 2026
Confidence Level:	70%↑
UTS Start:	01 Dec 2026
Go-Live Date:	06 Oct 2026

- SIT Functional Testing commenced on 27 July 2026
- 2 x Sev3 Testing Issues have been raised

Functional Testing

Run		Passed	
67.5%↑	79/117	93.6%↑	74/79

Regression Testing

Run		Passed	
0%	0/0	0%	0/0

Severity	Count	Comment
1	0	
2	0	
3	2	-2 x Open
4	0	
5	0	

RAG Definitions **BLUE**: Completed, **GREEN**: Dates will be met, **AMBER**: Risk that dates will not be met, **RED**: Dates will not be met

Executive Summary (5 of 5) - User Testing

Release	Testing	Dates	Comments
4G CH Release2	Pre-UTS	20 August – 17 September 2026	• Pre UTS dates have been brought forward
	UTS UIT-B	26 August – 05 October 2026	• UIT-B to start after TAG141
	UTS UIT-A	29 September – 05 October 2026	• UIT-A follows the October MR dates
VWAN Security Requirements	Pre-UTS	21 July – 23 July 2026	• Testing Completed
	UTS UIT-A	21 July – 28 July 2026	
November 2026 SEC Release	Pre-UTS	10 Sept- 17 Sept 2026	
	UTS UIT-B	17 Sept-30 Sept 2026	
GBCS 4.2 CHM3	Pre-UTS	06 Nov – 03 Dec 2026	
	UTS (UIT-A and UIT-B)	04 Dec 2026 – 29 Jan 2027	
SMETS1 FOC ANSO Re-procurement	Pre-UTS	31 Aug – 04 Sep 2026	
	UTS UIT-B	01 Sep – 10 Sep 2026	
	UTS UIT-A	29 Sep – 05 Oct 2026	

RAG Definitions **BLUE**: Completed, **GREEN**: Dates will be met, **AMBER**: Risk that dates will not be met, **RED**: Dates will not be met

4G CH Release 2

4G CH Release 2 Open Testing Issues Details – 1 of 3

TI ID	Summary	Detected On Date	Status	Severity	Comments
131234	SMETS2 - 4G R2 Pre-SIT - SITB -Set B - VWP Batch job process - Enable VWD request on DMWANGW-3 is not requeued for retry due to a non retrievable error	01/05/2026	In Test	3	Under Retest
131236	SMETS2 - 4G R2 Pre-SIT - SITB - Set A- Duplicate GSME Event entries are observed in the SR6.13 GPF (GSME Event) response	05/06/2026	Open	3	MM issue
131237	SR 8.14.3-Failed to deliver NotifyCHReturnsInitiated	09/06/2026	Open	3	In Triage
131239	SMETS2 - 4G R2 Pre-SIT - SITB - Set H - SLS GSME is not sending the APS ack within the defined timeout period (1.6secs)	16/06/2026	Open	3	MM issue
131240	SMETS2 - 4G R2 Pre-SIT - SITB - SET A- No response received from CHF for any service request	17/06/2026	Open	3	Working to design Improvement suggested
131241	SMETS2 - 4G R2 Pre-SIT - SITB -Set C - CH sends Duplicate Enable VWD response to DM	18/06/2026	Open	4	Future CH release

4G CH Release 2 Open Testing Issues Details - 2 of 3

TI ID	Summary	Detected On Date	Status	Severity	Comments
131243	VWAN adaptive heartbeat frequency did not increase as expected following Wi-Fi disruption.	26/06/2026	Open	4	Future release
131244	CHF sent switching alert C619 but no ack received and CHF stop responding	26/06/2026	Open	3	Working to design Improvement suggested
131245	CH Unlock Refurbishment unsuccessful due to DMM config mismatch	01/07/2026	Rework	3	Permanent Fix in October MR
131249	Post TCSO inter pan join for VWD 2 failed	16/07/2026	Open	3	In Triage
131250	CH incorrectly reports Sub-GHz link quality after GSME switches from Sub-GHz to the Main Band (2.4 GHz).	17/07/2026	Open	4	In Triage
131252	Refurb – Cellular test failed in Testbench during the Triage and Diagnostic process.	24/07/2026	Open	3	In Triage

4G CH Release 2 Open Testing Issues Details - 3 of 3

TI ID	Summary	Detected On Date	Status	Severity	Comments
131253	CHM sends IC-056 (PFA), IC-057(FAR) to FSM in XML format but FSM fails to recognise this file format (XML)	29/07/2026	In Test	3	Under Retest
131254	DSP does not update the CHF device status to 'Decommissioned' when response code W081401 is returned	26/06/2026	Open	3	In Triage
131255	Enable VWD command not triggered by VWP batch job	01/07/2026	Open	3	In Triage

November 2026 SEC Release

November 2026 SEC Release Open Testing Issues Details – 1 of 1

TI ID	Summary	Detected On Date	Status	Severity	Comments
147003	Nov26 SIT-B SMETS2 - SECMP304 : SLS TWIN ESME - SR 4.11.1 Not Reflecting Primary Active Tariff Price Value set via SR 1.1.1	23/07/2026	Open	3>4	Linked to GBCS4.2 release
147004	Nov26 SIT-B SMETS1 - CGI ANSO - SR2.1 ESME/GSME Failing with Anomaly Detection Attribute Error in S1SP Response - E62/N55 S1VE2002 nullLower Response	29/07/2026	Fixed	4	Retest in progress

GBCS 4.2 CHM3

GBCS 4.2 CHM3 Open Testing Issues Details – 1 of 1

TI ID	Summary	Detected On Date	Status	Severity	Comments
181055	SMETS2-SIT B-CHM3 GBCS4.2 Functional Testing – SET I & J - DBCH – CSP (C&S) triggered CHF Prenotification, but it failed to reach DSP	20/07/2026	Fixed	3	Fixed and RCA review is pending from DCC for closer
181056	SMETS2-SIT B-CHM3 GBCS4.2 Functional Testing – SET A - SBCH - emulator ESME 4.11.1 PrimaryActiveTariff returns 0	22/07/2026	Open	3	Triage - Under investigation
181057	SMETS2-SIT B-CHM3 GBCS4.2 Functional Testing – SET G - DBCH - Sub GHz MM2 GSME SR 6.21 Supplier Certificate update failed with N13 after device joined	23/07/2026	Open	3	Triage - Under investigation
181058	SMETS2-SIT B-TOSH GBCS4.2 Functional Testing – SET G - DBCH - GSME commissioning window ends after 5 minutes	28/07/2026	Open	3	Triage - Under investigation

SMETS1 FOC ANSO Re-Procurement

SMETS1 FOC ANSO Re-Procurement Open Testing Issues Details – 1 of 1

TI ID	Summary	Detected On Date	Status	Severity	Comments
162001	PR8254 - SIT B - CGI ANSO - FOC - SRV 11.1 failing with http 400 undeliverable to S1SP02 with E20/N22	27/07/2026	Open	3	In Triage
162002	PR8254 - SIT B - CGI ANSO - FSM - Communications Hub Availability and Diagnostics - Clicked on the communicate with device and no results fetched and no error seen	30/07/2026	Open	3	In Triage

Testing Issue Statuses

Testing Issue Statuses

#	Status	Description
1	Open	Initial status • Triage - Under Investigation. Testing Issue has been triaged and accepted by DCC TA/TS as valid. • Severity agreed • Fix Organisation has been identified Or Device Manufacturer conversations ongoing to gain acceptance
2	In Progress	Resolution activity begun. • by the SP, or • Has been accepted by Device Manufacturer
3	Ready For Test	Fix is available for testing
4	In Test	Fix deployed and undergoing testing
5	Fixed	Fix has been tested and Testing Issue is resolved.
6	Test Held	Testing of fixed blocked for any reason
7	Test Failed	Testing of the fix has NOT resolved the Testing Issue
8	Rework	Fix has NOT resolved the Testing Issue and has been reassigned to the fix organisation for additional remediation (go to 2)
9	Rejected	Testing Issue has been investigated and is NOT accepted by DCC TA as valid.
10	Closed	The fix to the Testing Issue has been successfully tested in the environment in which it was raised, or the failed Test has been retested and has passed successfully

Regulatory/Governing Documents

Regulatory / Governing documents

The relevant regulatory / governing documents applicable to the testing reported in this deck are:

- **Appendix J of the SEC (Enduring Testing Approach Document (ETAD)) V7.0**
for DCC Testing Services for users
- **Appendix R of the SEC (Common Test Scenarios Document (CTSD)) V4.0**
for SR and SRV, and Testing Issue severity definitions
- **Appendix AJ of the SEC (SEC Variation Testing Approach Document (SVTAD)) v4.0**
- **Appendix AK of the SEC (SEC Variation Testing Approach Document for SMETS1 Services (SMETS1 SVTAD)) v10.0**
for SMETS1 Programme and Uplifts
- **Appendix AQ of the SEC (SEC Variation Testing Approach Document for the CH&N Arrangements (CH&N SVTAD)) v3.0**
For the Comms Hubs and Networks (CH&N) Programme
- **Appendix AY of the SEC (SEC Variation Testing Approach Document for the Virtual WAN Solution (VWAN SVTAD)) v1.0**
- **Market-Wide Half-Hourly Settlement SEC Release (MHHS) Testing Approach Document v2.0**
for Market-Wide Half-Hourly Settlement (MHHS) Programme

The SEC subsidiary documents (appendices) are available on the SECAS website, Testing Approach Documents are available from DCC on request.

UIT Testing

5th July – 11th July:

ECoS – UIT-A – ALM ticket #19257 – ECoS was unavailable from 10 July (08:00) – 10 July (09:00), due to the failure of a worker node, this node was restarted, and this resolved the issue.

28 June – 4 July:

NEWAN – UIT-B – ALM ticket #19255 – NEWAN suffered a service degradation with VWAN services unavailable from 2 July (10:00) – 2 July (17:30), due to a pod not starting correctly post a change, the pod was restarted, and this resolved the issue.

DCC Acronyms

Acronym	Definition	Acronym	Definition
ALM	Application Lifecycle Management	OU	Other User
CHF	Communications Hub Function	PIT	Pre-Integration Testing
CPL	Central Products List	PPMID	Pre-Payment Interface Device
CSP	Communication Service Provider	PPC	Pending Product Combination
C&S	Central and South	PST	Production Support Testing
DBCH	Dual Band Communications Hub	RAG	Red Amber Green
DCC	Data Communications Company	RSA	Registered Supplier Agent
DCO	Dual Control Organisation (Parse and Correlate software)	SBCH	Single Band Communications Hub
DIT	Device Integration Testing	SEC	Smart Energy Code
DNO	Distribution Network Operators	SI	Systems Integrator
DSP	Data Service Provider	SIT	System Integration Testing
EAT	Environment Acceptance Testing	SMI	Smart Metering Inventory
ED	Electricity Distributor	SMKI	Smart Meter Key Infrastructure
EOC	End of Cycle	SMSO	Smart Meter System Operator
ES	Export Supplier	SP	Service Providers
ESME	Electricity Smart Metering Equipment	SR	Service Request
FOC	Final Operating Capability (SMETS1)	SRV	Service Reference Variant
GBCS	Great Britain Companion Specification	SSI	Self-Service Interface
GPF	Gas Proxy Function	SMETS	Smart Metering Equipment Technical Specifications
GS	Gas Supplier	TAB	Test Assurance Board
GSME	Gas Smart Metering Equipment	TAD	Test Approach Document
GT	Gas Transporter	TAG	Testing Advisory Group (SEC Panel Sub-Committee)
HAN	Home Area Network	TRT	Technical Readiness Testing
HCALCS	HAN Connected Auxiliary Load Control Switch	TTO	Transition to Operations
HHT	Hand Held Terminal	TSP	Trusted Service Provider (SMKI Repository Service Provider)
IHD	In Home Display	UIT	User Integration Testing
IS	Import Supplier	UIT-A / UIT-B	User Testing Environments
MMC	Message Mapping Catalogue	WAN	Wide Area Network
OIOO	Opt-In Opt-Out of profile reads	XML	eXtensible Markup Language
OTA	Over The Air Firmware Upgrades		