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MP208 ‘Northbound Prioritisation of N56 Alerts’

Annex C

Legal text – version 0.1

About this document

This document contains the redlined changes to the SEC that would be required to deliver this Modification Proposal.

Appendix AB 'Service Request Processing Document'

These changes have been redlined against Appendix AB version 8.0.

Add Sections 17.11 and 17.12 as follows:

17.10 The defined parameters used in the Alert Management Mechanism detailed in Section 17.8, the configuration parameters detailed in Section 17.9 and the Alerts that are to be exempt from this mechanism are specified in the Traffic Management Mechanism Document. Any changes to this document shall be prepared and consulted upon by the DCC and approved by the Panel.

17.11 Where the DCC sends a Response (as a Service Response) or an Alert (as a Device Alert or DCC Alert), the Response or Alert will be subject to the Northbound prioritisation mechanism.

17.12 The Northbound prioritisation mechanism detailed in Section 17.11 and the applicable priority levels are specified in the Traffic Management Mechanism Document. Any changes to this document shall be:

- (a) prepared and consulted upon by the DCC;
- (b) subject to review by the Security Sub-Committee, the Technical Architecture and Business Architecture Sub-Committee and any other Sub-Committees to which the Panel chooses to delegate; and
- (c) approved by the Panel.

‘Traffic Management Mechanism Document’

These changes have been redlined against Code required document ‘Traffic Management Mechanism Document’ version 2.0.

Amend Traffic Management Mechanism Document as follows:

Traffic Management Mechanism Document version 32.0

Purpose of this Document

This document has been prepared in accordance with SEC Appendix AB ‘Service Request Processing Document’ Section 17.10 where the Alert Management Mechanism implemented by the DCC has its mechanism parameters and exempted Alert Codes clearly defined.

This document has been updated in accordance with SEC Appendix AB ‘Service Request Processing Document’ Sections 17.11 and 17.12 where the Northbound prioritisation mechanism is defined.

Northbound prioritisation mechanism

Messages will be passed directly from Request Manager North to Message Gateway North only when there are no messages with a higher priority in the Service User Retry Buffer for the relevant Service User and the rate limit is not exceeded for the relevant Service User.

Messages which are not passed directly from Request Manager North to Message Gateway North will be passed to the Northbound Message Store only if there is sufficient room in the Northbound Message Store for the relevant Service User.

Messages stored in the Northbound Message Store will be assigned the status ‘Queued for Merge’ and will be retrieved periodically to be passed to Message Gateway North subject to priority and rate limits for the relevant Service User.

Messages which are not passed directly from Request Manager North to Message Gateway North or passed to the Northbound Message Store will be passed to the Service User Retry Buffer and will be subject to the standard Northbound buffering functionality.

Priority levels

The following priority levels are used in accordance with SEC Appendix AB Sections 17.11 and 17.12.

<u>Priority</u>	<u>Description</u>
<u>1</u>	<u>N56 SMETS1 Service Provider Provision of prepayment top-up UTRN</u>

<u>2</u>	<u>Service Responses other than Scheduled Service Request Responses</u>
<u>3</u>	<u>Device Alerts and DCC Alerts other than 'Priority 1' Alerts</u>
<u>4</u>	<u>Scheduled Service Request Responses</u>