



General Information (Origin of Request)					
☐ User Requirements (URD)	☐ User Requirements (URD)				
Other User Functional or Technical Docur	mentation (SYS	S)			
Request raised by: 4CB	Institute: 40	В	Date raised: 14/05/2014		
Request title: Alignment of the GFS with the	he current De	sign of T2S	Request ref. no: T2S_0457_SYS		
Request type: Common		Urgency: Nor	rmal		
1. Legal/business importance parameter:	Low	2. Market imp	plementation efforts parameter: Low		
3. Operational/Technical risk parameter: Low		4. Financial i	mpact parameter: No cost impact		
Requestor Category: 4CB		Status: Author	orised at Steering Level		

Reason for change and expected benefits/business motivation:

Update of the GFS requested in order to take into account all the changes integrated since v4.0 produced in May 2010 and to align the functional document with the current Design of T2S platform.

Description of requested change:

3 categories of changes have to be integrated in the GFS document:

- <u>Category 1</u>: Changes coming from all the approved Change Requests since May 2010
- Category 2: Other Changes for alignment with the current design of T2S.
- Category 3: Changes coming from the written procedure on the GFS v4.0 in 2010 + other editorial changes not covered by an existing CR belonging to category 1

The current Change Request aims at describing the impacts of the 3 different categories of changes in the GFS

Submitted annexes / related documents:	
High level description of Impact:	

• Changes of category 1: Changes coming from all the approved Change Requests since May 2010

Change ID	Reason for change	Impacted Section of GFS	Page	Short description of the impact on drafting
1.1	CR225 Configuration of restriction types for national legal and regulatory requirements and practices	whole document	n/a	The term 'market-specific restriction types' must be replaced in GFS by 'restriction types'. This change must also be applied to the data model.

Change ID	Reason for change	Impacted Section of GFS	Page	Short description of the impact on drafting
1.7	CR290 - Mandatory bundling of messages into files during night-time period	2.3.1.3 Outbound Processing Module	36	Modification of the text as follows: It generates the relevant messages in the necessary format and sends these messages (if relevant bundled into files) via the Communication Module to the T2S System Users in U2A mode or to the Party Technical Address in A2A mode according to the specific message subscription preferences.
1.8	CR426 - Securities Valuation Bulk Process	3.2.1 Interface – General Introduction	50	Modification of the text as follows: T2S supports access via two communication modes: The application-to-application mode (A2A), allowing direct communication between software applications via XML messages and for the specific non-standard case of securities valuation via flat files;
1.9	CR288 - Technical acknowledgements at infrastructure level	3.2.1 Interface – General Introduction	51	Update of the Interface A2A overall diagram: The flow "A2A Acknowledgement on receipt" and its processing have to be dropped.
1.10	CR290 - Mandatory bundling of messages into files during night-time period	3.2.2 Dynamic data managed by the domain	54	Update of the data model and its respective description in order to include the data concerning outbound processing for files.
1.11	CR335 - System users and certificates	3.2.2 Dynamic data managed by the domain	53	Inclusion of the Certificate DN which was used to send the communication into the "Inbound Communication" class.
1.12	CR288 - Technical acknowledgements at infrastructure level	3.2.2 Dynamic data managed by the domain	54 - 61	Removal of the status "Acknowledgement Status Party" including status values from the classes "Outbound Communication" and "Outbound Communication Status History".
1.13	CR329 - Compression, Sequencing and handling of messages exceeding the maximum volume of 32 MB	3.2.3.1 Communication Module – Description	62	Introduction of compression handling.
1.14	CR419 - Removal of dedicated link from the URD	3.2.3.1 Communication Module – Description	62	Modification of the text as follows: The T2S Communication Module supports several connectivity options {T2S.12.010}, including dedicated lines {T2S.12.290}.

Change		Impacted		
ID	Reason for change	Section of GFS	Page	Short description of the impact on drafting
1.15	CR426 - Securities Valuation Bulk Process	3.2.3.1 Communication Module – Description	62	Modification of the text as follows: The module also supports communication between T2S and external RTGS systems, and T2S and external collateral management systems. The domain deploys a single set of standard messages to provide the interfacing with multiple external RTGS systems {T2S.12.340}. T2S supports interfacing with external collateral management system to receive securities prices for collateral valuation and to exchange transactional data for auto-collateralisation operations {T2S.12.350}, using a single set of standard messages {T2S.12.360} and for the specific case of securities valuation via flat files.
1.16	CR288 - Technical acknowledgements at infrastructure level	3.2.3.2 Communication Module - Diagram	63	Update of the diagram for reflecting handling described in URD 13.087 and 13.088. The flow "A2A Acknowledgement on receipt" and its processing have to be dropped accordingly.
1.17	CR335 - System users and certificates	3.2.3.2 Communication Module - Diagram	63	Update of the diagram for including the Certificate DN into the User data store.
1.125	CR290 - Mandatory bundling of messages into files during night-time period	3.2.3.2. Diagram of the module	63	Modification of diagram in order to reflect change from outbound messages to outbound communication for processing of outbound files.
1.18	CR329 - Compression, Sequencing and handling of messages exceeding the maximum volume of 32 MB	3.2.3.3 Communication Module – Description of the functions	65 - 67	Update of the descriptions of the functions "2 – Check Sender Authentication and Decryption A2A" and "7 - Assign Certificate and Encryption A2A" in order to describe the compressing/decompressing of the communication.
1.19	CR335 - System users and certificates	3.2.3.3 Communication Module – Description of the functions	65	Update of the description of the function "2 – Check Sender Authentication and Decryption A2A" in order to include the Certificate DN related check.
1.20	CR288 - Technical acknowledgements at infrastructure level	3.2.3.3 Communication Module – Description of the functions	65 - 67	The following functions have to be updated: - "1 - Receive/Log Communication A2A" - for sending a technical acknowledgement in order to confirm the acceptance of a message based on UR 13.087 - "3 - Store Communication Content A2A" for removing the "A2A Acknowledgement on receipt" flow - "8 - Transmit Communication A2A" receiving a technical acknowledgement in order to get a confirmation for the transmission of the message based on UR 13.088

Change ID	Reason for change	Impacted Section of GFS	Page	Short description of the impact on drafting
1.126	CR290 - Mandatory bundling of messages into files during night-time period	3.2.3.3. Description of the functions of the module	66,67	Modification of functions' description in order to correctly reflect change from outbound messages to outbound communication for processing of outbound files.
1.127	CR335 - System users and certificates	3.2.3.3 Communication Module – Description of the functions	68	Update of the description of the function "3 – Check Sender Authentication and Decryption U2A" in order to include the Certificate DN related check.
1.21	CR288 - Technical acknowledgements at infrastructure level	3.2.3.4 Communication Module – Description of the Input/Output	70	Update for removing the flow "A2A Acknowledgement on receipt" and for adding the "Technical Acknowledgement" flow
1.22	CR335 - System users and certificates	3.2.3.5 Communication Module – Data accessed by the module	70	Update for including the Certificate DN into the User data store.
1.23	CR290 - Mandatory bundling of messages into files during night-time period	3.2.4.1 Inbound Processing Module - Description	71	Modification of the text as follows: The Inbound Processing Module allows the initiation of resending of messages or files. This functionality can be used in contingency situations if the messages or files have been lost during the communication or due to technical problems on the receiver side.
1.24	CR288 - Technical acknowledgements at infrastructure level	3.2.4.2 Inbound Processing Module - Diagram	72	Update of the diagram for Application-to- Application mode (A2A): Removal of the storage for "ACK/NAK from T2S Party" in data store "Outbound Communication and related status history" for "Acknowledgement Status Party" update
1.25	CR290 - Mandatory bundling of messages into files during night-time period	3.2.4.2 Inbound Processing Module - Diagram	72 - 73	Update of the diagrams "Inbound Processing Module for Application-to-Application mode (A2A)" and "Inbound Processing Module for Userto-Application mode (U2A)" in order to correctly reflect the resending of outbound files.
1.26	CR288 - Technical acknowledgements at infrastructure level	3.2.4.3 Inbound Processing Module – Description of the functions	75-76	Update of the function "3 – A2A Message Parsing", in order to remove the "Acknowledgement Status Party" update.
1.27	CR335 - System users and certificates	3.2.4.3 Inbound Processing Module – Description of the functions	76	Update of the function "4 – Check Privilege" for explaining that the privilege check is based on the System User Reference.

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1.33	CR288 - Technical acknowledgements at infrastructure level	3.2.4.5 Inbound Processing Module – Data accessed	85	Update for removing the data store "Outbound Communication and related Status History" and for updating the "Acknowledgement Status Party" due to received NAK or ACK from Party.
1.34	CR290 - Mandatory bundling of messages into files during night-time period	3.2.4.5 Inbound Processing Module – Data accessed	85	Update of the table of data stores in order to include resendable files.
1.35	CR290 - Mandatory bundling of messages into files during night-time period	3.2.5.1 Outbound Processing Module - Description	86	Modification of the text as follows: "The Outbound Processing Module receives the data in the internal format from the processing modules of other domains. It generates the relevant messages in the necessary format and sends these messages (if relevant bundled into files) via Communication Module to the T2S System Users in U2A or to the Party Technical Address in A2A according to the specific message subscription preferences."
1.36	CR290 - Mandatory bundling of messages into files during night-time period	3.2.5.2 Outbound Processing Module - Diagram	87	Update of the diagram "Outbound Processing Module for Application-to-Application mode (A2A)" in order to include outbound files.
1.37	CR288 - Technical acknowledgements at infrastructure level	3.2.5.2 Outbound Processing Module - Diagram	87	Update of the diagram "Outbound Processing Module for Application-to-Application mode (A2A)" in order to delete the flow "A2A Acknowledgement on receipt"
1.38	CR333 - Message subscription and copy configuration	3.2.5.3 Outbound Processing Module – Description	88 - 91 - 92	Update of the following functions: - "Logging Outbound Business Data" for starting the inbound copy workflow for A2A and U2A copies - "Define Possible Recipients List A2A" for describing how an enlargement of the list of interested parties is possible in order to cover for messages subject to copies also third party receiver business cases in which a party not included in the list of interested parties shall receive copies of messages. - "Check A2A Message Subscription" for describing the availability of message subscription functionality independently of the case why the T2S Actor is recipient (Interested Party or Privileged Third Party).
1.39	CR288 - Technical acknowledgements at infrastructure level	3.2.5.3 Outbound Processing Module – Description	88 - 92 - 93	Removal of the flow "A2A Acknowledgement on receipt" in the following function's description: - "1 – Logging Outbound Business Data" - "4 – Check A2A Message Subscription" - "5 – Prepare Routing A2A".

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1.40	CR290 - Mandatory bundling of messages into files during night-time period	3.2.5.3 Outbound Processing Module – Description	Page 88 - 94	Update of the following Functions: 1 – Logging Outbound Business Data "This function receives: - The Resend message communication flow;" 5 – Prepare Routing A2A Addition of a footnote in order to mention that the list of message types includes "NightTimeSettlementRelatedMessages" as possible routing criterion.
				7 – Create A2A Outbound Communication The handling for outbound files has to be reflected in the functions description.
1.41	CR291 - Enhance cash side-reporting (Statement and real time notification) and add new attribute in message subscription service.	3.2.5.3 Outbound Processing Module - Description	89	Addition of a new message from LCMM to T2S Actor in the list of messages in function "Create Business Payload A2A" for Credit Debit Notifications stemming from instructions list of flows remains unchanged as the new flow is handled via message data
1.42	CR292 - Link securities account to DCA via A2A	3.2.5.3 Outbound Processing Module - Description	90	Amendment of message list under paragraph 2 – Create Business Payload A2A
1.43	CR311 - A2A messages to create the link between a T2S securities account and a T2S Dedicated cash account	3.2.5.3 Outbound Processing Module - Description	90	Amendment of message list under paragraph 2 – Create Business Payload A2A
1.44	CR294 - Security CSD links same day creation and maintenance in A2A	3.2.5.3 Outbound Processing Module - Description	91	Update of the function "Create Business Payload A2A" in order to include the business case in the message list.
1.45	CR403 - Handling of parameter types for message subscription	3.2.5.3 Outbound Processing Module - Description	92	Addition of some messages on the list of messages NOT subject to message subscription rules: - Floor/Ceiling notifications, - Invoices and Invoice cancellations. The list of messages which are sent independent from message subscriptions, to be updated accordingly.

Change ID	Reason for change	Impacted Section of GFS	Page	Short description of the impact on drafting
1.46	CR430 - Updates of the Business Rules	3.2.5.3 Outbound Processing Module - Description	92	Addition of a message on the list of messages NOT subject to message subscription rules: - Outbound liquidity transfers. The list of messages which are sent independent from message subscriptions has to be updated accordingly.
1.47	CR293 - Inclusion of the already matched flag criteria in the message subscription	3.2.5.3 Outbound Processing Module - Description	92 - 93	Inclusion of the already matched flag criteria in the message subscription"
1.48	CR312 - Static data maintenance of rule-based models are only possible as of a future date CR322 - Consistent rule-based model	3.2.5.3 Outbound Processing Module - Description	92 - 93	Update of the function "4 – Check A2A Message Subscription" in order to reflect the positive/negative parameter set up for message subscription rules. The positive/negative parameter allows subscribing Parties to explicitly refuse to receive messages that match certain criteria. If set to negative it means that the Party/ies does not receive messages which match the rule set. Setting it to positive means that the Party/ies receive messages matching the rule set (i.e., the normal subscription behaviour). In the event of an overlap, "negative" rule sets have priority over "positive" rule sets.
1.49	CR329 - Compression, Sequencing and handling of messages exceeding the maximum volume of 32 MB	3.2.5.3 Outbound Processing Module - Description	94	"5 – Prepare Routing A2A"- When defining a routing configuration, a T2S actor can specify through the compression setting whether T2S must compress the relevant data before sending them to the recipient. In addition, a T2S actor can also define a conditional routing which relies on the size of the data to be sent. "6 – A2A Message Sequencing" Update for clarifying that sequencing will be applied only to those messages where the correct "business" order cannot be derived from the message content itself (i.e. LCMM status notifications). Other messages will not contain a sequence number.
1.50	CR288 - Technical acknowledgements at infrastructure level	3.2.5.4 Outbound Processing Module – Input/Output	97	Update in order to remove the flow "A2A Acknowledgement on receipt" from the table.
1.51	CR290 - Mandatory bundling of messages into files during night-time period	3.2.5.4 Outbound Processing Module – Input/Output	97	The table row "Resend message" has to be updated to "Resend Message <u>Communication</u> ".

Change	Reason for change	Impacted	Page	Short description of the impact on drafting
1.72	CR335 - System users and certificates	3.3.11.3 Rules and Parameters Data Management – Users, roles and privileges	161	[SDMG.RPS.DMD.1.1] Diagram to be updated accordingly
1.73	CR335 - System users and certificates	3.3.11.3 Rules and Parameters Data Management – Users, roles and privileges	162	[SDMG.RPS.ENT.1.1] Password and authentication entities shall be removed
1.74	CR415 - Removal of the possibility to grant a role to another role	3.3.11.3 Rules and Parameters Data Management – Users, roles and privileges	163	Rephrasing of the part relevant to the possibility to grant a role to another role (concept of class of privileges). 1)"Each Party, User and Role can be assigned one or more Roles and Privileges." 2)"The management of Roles includes both their maintenance (i.e. update and logical deletion) and the possibility to grant or revoke other Roles and Privileges" 3) "Each Role can be linked to one or many Privileges. Moreover, each Role can be linked to many Parties, Users and other Roles {T2S.11.530}."
1.75	CR322 - Consistent rule-based model	3.3.11.4 Rules and Parameters Data Management – Message Subscription	168	[SDMG.RPS.DMD.2.1] Draft changes on the description of the Message Subscription package
1.76	CR293 - Inclusion of the already matched flag criteria in the message subscription	3.3.11.4 Rules and Parameters Data Management – Message Subscription	169	Addition of Already matched flag parameter type
1.77	CR322 - Consistent rule-based model	3.3.11.4 Rules and Parameters Data Management – Message Subscription	169	[SDMG.RPS.ENT.7.1] Addition of the following entries to the Message Subscription Rule attributes table: • Valid From • Valid To
1.78	CR322 - Consistent rule-based model	3.3.11.4 Rules and Parameters Data Management – Message Subscription	169	[SDMG.RPS.ENT.6.1] Addition of the following entries to the Message Subscription Rule Set attributes table: • Valid to • Positive / Negative Parameter Set • Name • Description

Change		Impacted	_	
ID	Reason for change	Section of GFS	Page	Short description of the impact on drafting
1.86	CR322 - Consistent rule-based model	3.3.11.10 Rules and Parameters Data Management – Restriction Types	188	[SDMG.RPS.ENT.24.1] Add the following entries to the Restriction Type Rule attributes table: • Valid From • Valid To
1.87	CR328 - Implementation of additional parameters to restriction case 1 and case 2	3.3.11.10 Rules and Parameters Data Management – Restriction Types	189	Securities movement type to contain also the value ZERO
1.88	CR328 - Implementation of additional parameters to restriction case 1 and case 2	3.3.11.10 Rules and Parameters Data Management – Restriction Types	189	[SDMG.RPS.ENT.26.1] Restriction Type Parameter Type
1.89	CR322 - Consistent rule-based model	3.3.11.10 Rules and Parameters Data Management – Restriction Types	189	[SDMG.RPS.ENT.26.1] The list of Parameter Type should be modified to include the following new parameters: 1. Matching status Impacted Balance/Position restriction type code broken down in two parameters: 2. Debited Position/Balance 3. Credited Position/Balance 4. Securities Account 5. T2S Dedicated Cash Account 6. Credit Debit Indicator 7. Country of Issuance 8. T2S Dedicated Cash Account Type 9. Settlement Currency
1.90	CR322 - Consistent rule-based model	3.3.11.10 Rules and Parameters Data Management – Restriction Types	190	[SDMG.RPS.ODI.8.1] "Restriction types" to introduce the relevant data model changes described in section 3.2.
1.91	CR322 - Consistent rule-based model Note 2.1.3	3.3.11.11 Rules and Parameters Data Management – Conditional securities delivery	191	[SDMG.RPS.DMD.9.1] Changes on the description of the Conditional Securities Delivery package
1.92	CR322 - Consistent rule-based model	3.3.11.11 Rules and Parameters Data Management – Conditional securities delivery	192	[SDMG.RPS.ENT.27.1] Addition of the following entries to the CoSD Rule Set attributes table: • Name • Description

<u>Changes of category 2:</u> Other Changes for alignment with the current design of T2S.

Change ID	Impacted Section of the GFS	Page	Short description of the impact on drafting
2.2	2.1.1.2 Schedule and calendar	12	Alignment of the table with the UDFS (pag.202 - table 88)
2.7	2.1.1.2 Schedule and calendar	18	T2S.03.220 - Mention that the requests are queued only "when intraday static data changes affect the settlement process".
2.9	2.1.1.2 Schedule and Calendar and 3.5.9 Autocollateralisation	25 - 475	5 – EOD NCB Intraday Credit Reimbursement Manager: Alignment to the UDFS for the automatic reimbursement of intraday credit
2.175	3.2.1 Interface – General Introduction	51	Update of the "INTF Overall Diagram for Application-to- Application mode (A2A)", in order to include a new flow for the Closure of real- time channel for queries missing.
2.11	3.2.2 Interface - Dynamic data	57	In the Legal Archiving and Statistical information the following flows are directly sent by/ received from T2S Operator. - Archive Request - (Negative) Acknowledgement - Requested Archived Data Availability Information - Query and report request - S.W.M. request - M.D. analysis request - Data export request - Query and report response - S.W.M. response - S.W.M. response - Formatted data. As a consequence, Legal Archiving and Statistical information have to be dropped from the list of Processing Modules in Inbound Individual Message class.
2.12	3.2.2 Interface - Dynamic data	57	The GUI market comment requests the storage of a more detailed status value in order to show this information in the list of data changes. Possible values in Interface will be "Awaiting approval", "Queued", "Approved", "Revoked" and "Rejected".
2.13	3.2.3.3 Communication Module - Description of the functions	66	Update of the Check for A2A Outbound Queuing as follows: "Otherwise it stores the Outbound Communication and the related Status History with Status Type "Outbound Queuing Status" and Status Value "True" and forwards the Formatted outbound communication A2A flow to the function Queue A2A Outbound Message".
2.14	3.2.3.3 Communication Module - Description of the functions	67	The Oversize and Timeout Handling (see UDFS 1.7) should be reflected in INTF.COM-A2A.ACE.1.1-7 - Assign Certificate and Encryption A2A.

Change ID	Impacted Section of the GFS	Page	Short description of the impact on drafting
2.15	3.2.4.2 Inbound Processing Module - Diagram	72	Update of the section in order to include a new flow for the Closure of real-time channel for queries missing.
2.16	3.2.4.3 Inbound Processing Module – Description of the functions	77	Update of the function "Check for A2A Inbound Queuing" in section" in order to include a new flow for the Closure of real-time channel for queries missing.
2.17	3.2.4.3 Inbound Processing Module – Description of the functions	77; 82	Queuing (A2A)/Rejection (U2A) for inbound queries should be based on sequences and no longer on cycles.
2.18	3.2.4.3 Inbound Processing Module – Description of the functions	77; 82	Update of the section in order to clarify Queuing (A2A)/ Rejection (U2A) for Liquidity Transfers between - Business date change and Change of business date; - during cycle 2 / preparation of sequence y.
2.19	3.2.4.3 Inbound Processing Module – Description of the functions	77; 82	Update of the section in order to clarify Queuing (A2A)/ Rejection (U2A) for securities position queries.
2.20	3.2.4.3 Inbound Processing Module – Description of the functions	79; 80	The following Inbound Flows are only available in U2A: Flow Receiver Business Information request OPSR: Operational Monitoring Trouble case access request OPSR: Operational Monitoring Event Maintenance request OPSR: Scheduling
2.21	3.2.4.3 Inbound Processing Module – Description of the functions	79; 80	In the Legal Archiving and Statistical information the following flows are directly sent by/ received from T2S Operator. - Archive Request - (Negative) Acknowledgement - Requested Archived Data Availability Information - Query and report request - S.W.M. request - Data export request - Query and report response - S.W.M. response - S.W.M. response - M.D. analysis response - Formatted data. As a consequence, the flows have to be deleted in GFS INTF: Archive Request / Query and report request / S.W.M. request / M.D. analysis request / Data export request - from Information router message - flow list (page 79) and INP- Description of the Input/output of the module (page 84) (Negative) Acknowledgement/ Requested Archived Data Availability Information / Query and report response / S.W.M. response / M.D. analysis response / Formatted data - from Create Business Payload A2A message - flow list (page 91) and OUP-Description of the Input/output of the module (page 96)
2.22	3.2.4.3 Inbound Processing Module – Description of the functions	80	Deletion of flow: "Access scheduling information request" due to duplication with queries in message list of information router

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2.23	3.2.4.4 Inbound Processing Module - Input/Output	83	Update of the section in order to include a new flow for the Closure of real-time channel for queries missing.
2.24	3.2.4.4 Inbound Processing Module - Input/Output	84	The following Inbound Flows are only available in U2A: Flow Receiver Business Information request OPSR: Operational Monitoring Trouble case access request OPSR: Operational Monitoring Event Maintenance request OPSR: Scheduling
2.25	3.2.4.4 Inbound Processing Module - Input/Output	84	In the Legal Archiving and Statistical information the following flows are directly sent by/ received from T2S Operator. - Archive Request - (Negative) Acknowledgement - Requested Archived Data Availability Information - Query and report request - S.W.M. request - M.D. analysis request - Data export request - Query and report response - S.W.M. response - M.D. analysis response - Formatted data. As a consequence, the flows have to be deleted in GFS INTF Archive Request / Query and report request / S.W.M. request / M.D. analysis request / Data export request - from Information router message - flow list (page 79) and INP- Description of the Input/output of the module (page 84) (Negative) Acknowledgement/ Requested Archived Data Availability Information / Query and report response / S.W.M. response / M.D. analysis response / Formatted data - from Create Business Payload A2A message - flow list (page 91) and
2.26	3.2.4.4 Inbound Processing Module - Input/Output	84	OUP-Description of the Input/output of the module (page 96) Deletion of flow: "Access scheduling information request" due to duplication with queries.
2.27	3.2.5.1 Outbound Processing Module - Description	86	Update of the section in order to correctly reflect that messages, which are subject to message subscription but which are not subscribed by T2S Actors are neither generated nor stored. The reason is that these messages are according to the message subscription not of interest for these T2S Actors.
2.28	3.2.5.2 Outbound Processing Module - Diagram	87	Update of the section" in order to correctly reflect that messages, which are subject to message subscription but which are not subscribed by T2S Actors are neither generated nor stored. The reason is that these messages are according to the message subscription not of interest for these T2S Actors. The functions "Define Possible Recipients List A2A" and "Check A2A Message Subscription" are executed before "Create Business Payload A2A.
2.29	3.2.5.2 Outbound Processing Module - Diagram	87	Update of the Diagram of the module - Outbound Processing Module for Application-to-Application mode (A2A)" in order to include a new flow for the Closure of real-time channel for queries missing.

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ID	the GFS	Page	Short description of the impact on drafting
2.30	3.2.5.2 Outbound Processing Module - Diagram	87	The data store for A2A Inbound Communication linked to function Prepare Routing A2A is also necessary for queries (see functional description), therefore the remark has to be enlarged.
2.31	3.2.5.3 Outbound Processing Module – Description of the functions	89	The GUI market comment requests the storage of a more detailed status value in order to show this information in the list of data changes. Possible values in Interface will be "Awaiting approval", "Queued", "Approved", "Revoked" and "Rejected".
2.32	3.2.5.3 Outbound Processing Module – Description of the functions	89 - 93	The following functions - Logging Outbound Business Data - Define Possible Recipients List A2A - Check A2A Message Subscription - Create Business Payload A2A have to be updated in order to correctly reflect that messages, which are subject to message subscription but which are not subscribed by T2S Actors are neither generated nor stored. The reason is that these messages are according to the message subscription not of interest for these T2S Actors. The function "Create Business Payload A2A" is executed after "Check A2A Message Subscription".
2.33	3.2.5.3 Outbound Processing Module – Description of the functions	90	Message table in Create A2A Business Payload - Outbound Liquidity Transfer flow should be split into credit and debit for messages: new message Liquidity Debit Transfer for Direct Debits Module: LQMG: Outbound Information Management
2.34	3.2.5.3 Outbound Processing Module – Description of the functions	91	The following Outbound Flows are only available in U2A: Flow Sender Alert / Display / Report OPSR: Operational Monitoring Trouble case access response OPSR: Operational Monitoring Event Maintenance response OPSR: Scheduling
2.35	3.2.5.3 Outbound Processing Module – Description of the functions	91	Deletion of flow: "Scheduling information response" due to duplication with queries in: - message list of Create Business Payload A2A
2.36	3.2.5.3 Outbound Processing Module – Description of the functions	91	The following Outbound Flows are only available in U2A (page 91): Flow Sender Alert / Display / Report OPSR: Operational Monitoring Trouble case access response OPSR: Operational Monitoring Event Maintenance response OPSR: Scheduling

Change ID	Impacted Section of the GFS	Page	Short description of the impact on drafting
2.37	3.2.5.3 Outbound Processing Module – Description of the functions	91	In the Legal Archiving and Statistical information the following flows are directly sent by/ received from T2S Operator. - Archive Request - (Negative) Acknowledgement - Requested Archived Data Availability Information - Query and report request - S.W.M. request - M.D. analysis request - Data export request - Query and report response - S.W.M. response - S.W.M. response - Formatted data. As a consequence, the flows have to be deleted in GFS INTF Archive Request / Query and report request / S.W.M. request / M.D. analysis request / Data export request - from Information router message - flow list (page 79) and INP-Description of the Input/output of the module (page 84) (Negative) Acknowledgement/ Requested Archived Data Availability Information / Query and report response / S.W.M. response / M.D. analysis response / Formatted data - from Create Business Payload A2A message - flow list (page 91) and
2.181	3.2.5.3 Outbound Processing module - Description	92	OUP-Description of the Input/output of the module (page 96) The list of Parameter Type in the function "Check A2A Message Subscription" should be modified to include the following new parameters: 1. Transaction code 2. Currency
2.38	3.2.5.3 Outbound Processing Module – Description of the functions	94	The Routing Parameter "Transaction Code" has to be removed from 5 – Prepare Routing A2A" due to the fact that it is inconsistent with SDMG GFS 3.3.11.5. Conditional routing.

Change	Impacted Section of	Page	Short description of the impact on drafting
ID	the GFS	rage	Short description of the impact on draiting
2.39	3.2.5.4 Outbound Processing Module – Description of the	96	In the Legal Archiving and Statistical information the following flows are directly sent by/ received from T2S Operator Archive Request
	input/output		 - (Negative) Acknowledgement - Requested Archived Data Availability Information
			- Query and report request - S.W.M. request
			- M.D. analysis request - Data export request
			- Query and report response
			- S.W.M. response - M.D. analysis response
			- Formatted data. As a consequence, the flows have to be deleted in GFS INTF
			Archive Request / Query and report request / S.W.M. request
			/ M.D. analysis request / Data export request - from Information router message - flow list (page 79) and INP-
			Description of the Input/output of the module (page 84) (Negative) Acknowledgement/ Requested Archived Data
			Availability Information / Query and report response / S.W.M.
			response / M.D. analysis response / Formatted data - from Create Business Payload A2A message - flow list (page 91) and
2.40	3.2.5.4 Outbound	96	OUP-Description of the Input/output of the module (page 96) Deletion of flow: "Scheduling information response" due to
2.40	Processing Module –	90	duplication with queries.
	Description of the input/output		
2.41	3.2.5.4 Outbound Processing Module –	96	Update of the section in order to include a new flow for the Closure of real-time channel for queries missing.
	Description of the		Closure of real-time channel for queries missing.
2.180	input/output 3.2.6.3. Four-Eyes	105	GUI market comment requests the storage of a more
2.100	Principle	103	detailed status value in order to show this information in the list of data changes. Possible values in Interface will be "Awaiting approval", "Queued", "Approved", "Revoked" and
2.42	3.3.1 Static Data	117	"Rejected". For Party Data management module, the following object
	Management – Introduction		should be added: technical address network service link
2.43	3.3.1 Static Data	117	For "Rules and Parameters Data Management" module, the
	Management – General Introduction		following objects should be added: Certificate DN, Revisions, User Certificate Distinguish Name Links,
2.44	3.3.7.1 Party Data	136	[SDMG.PAR.DMD.1.1]
	Management – Data Model		The entity Party Auto-collateralisation Eligibility has been removed from the conceptual data model.
2.45	3.3.10.3 T2S	155	[SDMG.DCA.ENT.4.1]
	Dedicated Cash		LTO Link sets are defined for ordering the sequence of
	Account Data Management -		transfers from T2S to the RTGS account. Description must be amended accordingly
	Description		

Change	Impacted Section of	Page	Short description of the impact on drafting
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2.46	3.3.11.4 Rules and	169	o Exclusion indicator for message subscription is not
	Parameters Data		implemented (according to URD T2S.13.050)
	Management -		o The transaction type code should be available in the list of
	Message Subscription		parameters for message subscription (according to URD T2S.13.040)
			o The currency code should be an available parameter type (according to URD T2S.13.040)
2.47	3.3.11.4 Rules and	170	Alignment of the list of available parameter type.
	Parameters Data		
	Management -		
	Message Subscription		(22.12.22.22.22.2.2.2.2.2.2.2.2.2.2.2.2.
2.48	3.3.11.8 Rules and	182	[SDMG.RPS.DMD.6.1]
	Parameters Data		Alignment of the diagram on the basis of the new conceptual
	Management - Scheduling		data model. Event type category and category entities have been added.
2.49	3.3.11.9 Rules and	184	[SDMG.RPS.DMD.7.1]
2.49	Parameters Data	104	Diagram shows a link to CSD participant only. Also NCB can
	Management –		create market-specific attributes for its payment banks.
	Market Specific		According to the UDFS "each CSD and each CB can define its
	Attributes		own specific attributes for its parties, and each CSD can do the
			same also for its securities and securities accounts."
2.183	3.3.11.10 Restriction	187	[SDMG.RPS.ENT.23.1]
	types		Object restriction types to be added:
			 Intra-Position Movement Instruction
			Intra-Balance Movement Instruction
			Object and visting towards by account
			Object restriction types to be removed: • System Entity
2.50	3.3.11.11 Rules and	193	CoSD Processing condition entity shall be removed
2.30	Parameters Data	193	COSD Processing condition entity shall be removed
	Management –		
	Conditional Securities		
	Delivery		
2.51	3.3.11.11 Rules and	194	CoSD Processing condition type entity shall be removed
	Parameters Data		
	Management –		
	Conditional Securities		
6.70	Delivery		[0]
2.52	3.3.11.12 Rules and	195	[SDMG.RPS.ENT.33.1]
	Parameters Data		'CSD annual fee' and 'directly connected participant annual
	Management – Billing		fee' are not defined as service items, therefore shall be removed.
2.53	configuration 3.3.11.12 Rules and	195	removed. [SDMG.RPS.ENT.33.1]
2.55	Parameters Data	193	'Billing frequency' attribute shall be removed
	Management – Billing		billing frequency attribute shall be removed
	configuration		
2.54	3.3.11.12 Rules and	195	[SDMG.RPS.ENT.33.1]
	Parameters Data		'Service item group' shall be removed
	Management – Billing		0 1 p 2 mm 2 mm 2 mm
	configuration		

Change	Impacted Section of		
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2.83	3.4.4.1 Instruction Maintenance Diagram	249	Slight modification of the diagram in order to unify in one single process the hold and release and the CoSD hold and release to reflect IDFS implementation
2.84	3.4.4.3 – 1 Instruction Maintenance - Description of the functions	251	Maintenance Instruction Routing Update the LCMM instruction sub-types in the table in order to include the three different types of cancellation instructions
2.85	3.4.4.3 – 2 Instruction Maintenance - Description of the functions	251	Instruction Amendment T2S Actor can also ONLY amend the Priority of a pending part of a partially settled Settlement Restriction
2.86	3.4.4.3 – 2 Instruction Maintenance - Description of the functions	252	Instruction Amendment Update the Business Rule table for the Amendment Instruction with the following BR: -The Approval Status of the referenced Settlement Instruction or Settlement Restriction is "Revoked"
2.87	3.4.4.3 – 3 Instruction Maintenance - Description of the functions	253	Instruction Cancellation There are several missing business rules within the Business rules tables in the Instruction cancellation and COSD cancellation subsections. These subsections are to be redrafted due to the redrafting of the whole "instruction cancellation" function within the module and the tables will be updated accordingly too.
2.88	3.4.4.3 – 3 Instruction Maintenance - Description of the functions	253	Instruction Cancellation The drafting of this chapter needs to be redrafted in order to differentiate three types of cancellation instructions for settlement instructions (currently there are only two: regular cancellation and CoSD cancellation). The three new types are as follows: Cancellation by the CSD, cancellation by the party of CoSD Cancellation.
2.89	3.4.4.3 – 3 Instruction Maintenance - Description of the functions	255	Instruction Cancellation When the result is "keep pending", what is sent to the counterparty is a status advice message informing that the counterparty has requested the cancellation instead of an allegement. Therefore the third bullet point needs to be corrected accordingly.
2.90	3.4.4.3 Instruction Maintenance - Description of the functions	256	Instruction Cancellation by the System Inclusion of a clarification on how the recycling period is calculated for settlement instructions and how it is calculated for cancellations instructions (i.e. for settlement instruction it starts after the ISD and for cancellations instructions on the Entry time or the date of the last status change, depending on which one is later)
2.91	3.4.4.3 – 5 Instruction Maintenance - Description of the functions	258	Instruction Hold/Release Settlement Restrictions are not subject to CSD Validation Hold status. The relevant reference on the fourth paragraph needs to be removed accordingly

Change ID	Impacted Section of the GFS	Page	Short description of the impact on drafting
2.100	3.4.4.3 – 6 Instruction	263	Conditional Securities Delivery (CoSD) Instruction
	Maintenance -		Maintenance: Release / Cancel
	Description of the		Update the Business rules table for the CoSD release to be
	functions		denied subsection with the following business rule:
			"The Hold statuses, except the CoSD Hold Status, of a
			Settlement Instruction referenced by a CoSD Release
			Instruction or its matched Settlement Instruction, must be "No""
			"The cash position of a Settlement Instruction referenced by a
			CoSD Release Instruction must be blocked."
			"The securities position of a Settlement Instruction referenced
			by a CoSD Release Instruction must be blocked."
			The securities and cash position of a Settlement Instruction
			referenced by a CoSD Release Instruction must be blocked.
2.101	3.4.4.3 – 6 Instruction	264	Conditional Securities Delivery (CoSD) Instruction
	Maintenance -		Maintenance: Release / Cancel
	Description of the		Update the drafting of the second BR to remove the reference
	functions		to "for each of the two settlement instructions and"
2.102	3.4.6.1 Status	273	Update of the diagram to reflect that scheduling event is
	Management -		received by lifecycle track as described in the IDFS
	Diagram		
2.103	3.4.6.2 Status	274	Update of the Settlement Status diagram for the Settlement
	Management -		Instruction to reflect that the partial settlement can be by a
	Description		partial amount of cash and/or quantity of securities
2.104	3.4.6.2 Status	276	Update of the list of reasons for cancellation in the diagram
	Management -		for the cancellation status.
	Description		
2.105	3.4.6.2 Status	279	Deletion of the reference to the NCB in the CSD Validation
	Management -		Hold status for the Settlement Instruction (NCB cannot set up
2.107	Description		CSD validation rules)
2.107	3.4.6.2 Status	282	Correction on the settlement restriction types that exist in T2S
	Management -		in the settlement status diagram and the possible values (i.e. only reservation of cash/securities can be partially settled and
	Description		there is no earmarking of cash)
2 100	2 4 6 2 Status	202	
2.108	3.4.6.2 Status Management -	283	Update of the list of reasons for cancellation in the diagram for the cancellation status.
	Description		ioi the cancellation status.
2.109	3.4.6.2 Status	290	Update of the list of possible reason codes.
2.103	Management -	230	opulate of the list of possible reason codes.
	Description		
2.110	3.4.6.2 Status	293	Update of the Settlement Instruction transition diagram
2.110	Management -	233	opaste of the settlement instruction transition diagram
	Description		
2.111	3.4.6.2 Status	294	Removal of the CSD Validation Hold status on the Settlement
	Management -	23 +	Restrictions status transition diagram
	Description		
2.113	3.4.6.3 – 1 Status	296	Life Cycle Track
	Management -		Update of the Life Cycle track status information routing table.
	Functions		Some status routing have been modified.

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2.139	3.6.7.1 Processing of UC-LT-1: Execution of Immediate Liquidity Transfers within T2S	554	The existence of the Business Sending Party is already performed by the INTF and the existence of the Instructing Party is not performed. Therefore Instructing Party should be deleted in this context.
2.140	3.6.7.2 Processing of UC-LT-2: Execution of Immediate Liquidity Transfers from T2S to RTGS	557	The existence of the Business Sending Party is already performed by the INTF and the existence of the Instructing Party is not performed. Therefore Instructing Party should be deleted in this context.
2.141	3.6.7.2 Processing of UC-LT-2: Execution of Immediate Liquidity Transfers from T2S to RTGS	557	Negative Result is not subject to Message Subscription.
2.142	3.6.7.3 Processing of UC-LT-3: Execution of Liquidity Transfers from RTGS to T2S	560	Negative Result is not subject to Message Subscription.
2.143	3.6.7.4Processing of UC-LT-4: Execution of Standing and Predefined Liquidity Transfer Orders from T2S to RTGS	561 ff.	Update of the diagram and text: There is no Information to T2S Actor in case a standing/predefined liquidity transfer order cannot settle
2.144	3.6.7.4Processing of UC-LT-4: Execution of Standing and Predefined Liquidity Transfer Orders from T2S to RTGS	562	Within the text it has to be corrected, that in case of no execution no Information Message is sent to the Account holder.
2.146	3.7.2.3 Statistical information – Description of the functions	576	Intraday quasi-real-time extraction is not envisaged. The sentence below has to be removed. "The first step of this function is also triggered intra-day by a periodic time event to load quasi real-time the relevant raw data into the "short-term" repository. Performance considerations and actual needs in terms of timeliness of specific information determine what data the Extraction, Transformation and Loading function loads at the end of day and what data it loads quasi real-time during the settlement day."
2.147	3.7.3.1 Query Management – Static Functional Description	581	Correction in second + third sentences: "A T2S System user can query historical data for a period of the last three calendar months. Historical data beyond three calendar months can be accessed through the functions provided by Statistical Information module of the domain Statistical Information, Queries, Reports and Archiving as described above."
2.148	3.7.3.1 Query Management – Static Functional Description	581	List of complex and simple Queries: Rename "Data Changes awaiting Approval Query" to "Data Change Queries"

Change ID	Impacted Section of the GFS	Page	Short description of the impact on drafting
2.149	3.7.3.1 Query Management – Static Functional Description	582	The table with the list of queries should be enlarged by an additional column called "URD References". This column shall be used to map all URs which are covered by this specific query in order to ensure traceability of URD compliance.
2.150	3.7.3.1 Query Management – Static Functional Description	585	In paragraph: "2 - Check Permission on Query Request" 2nd sub paragraph: "For example, the query on Settlement Instructions returns" should be rephrased to "If compliant with the individual privileges of a T2S system user which were granted by the responsible administrators, the queries on settlement instructions can return the following information {T2S.14.259}:"
2.179	3.7.3.2 Queries (QU) Use Cases	589	In line with change 2.148 the name of former "Data Changes Awaiting Approval" Query has to be corrected also in the diagram for the list of use cases.
2.151	3.7.4.2 Report Management – Static Functional Description	596	Correction in paragraph "Availability of reports" 4th section, only sentence: "A report is not available any longer, when the deletion of a Report Configuration led to the cascading deletion of its last generated report. The last generated version of a report is available for three calendar months after its creation according to the general timeline for accessibility of data."
2.152	3.7.4.2 Report Management – Static Functional Description	596	Table with the list of reports enlarged by an additional column called "URD References". This column shall be used to map all URs which are covered by this specific report in order to ensure traceability of URD compliance.
2.176	3.7.4.2 Report Management – Static Functional Description	596	In line with change 2.152, Report Management chapter should clarify that the UR {T2S.13.290} from Report Management section is now covered by Billing Module Below the table with the list of reports. Therefore, the following clarification should be given below the table with the list of report types: "Note: The former Billing Data Report {T2S.13.290} is covered by the Itemised Billing Data which is created by the Billing Module according to the same principles as those used in the Report Management module."
2.178	3.7.4.2 Report Management – Static Functional Description	596	IN line with change 2.173, the text above the table referring to the annex of the GFS should be changed to: "The various reports are described in more detail in the latest versions of the User Detailed Functional Specification (UDFS) and User Handbook (UHB) for the Graphical User Interface.
2.153	3.8.2.1 Scheduling – Dynamic Data	612	List of business status values amended according to the list reported below: -SOD period; -First night-time settlement cycle; -Last night-time settlement cycle; -Maintenance window; -Real-time settlement period; -Real-time settlement closure period; -EOD period.

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2.154	3.8.2.2 Scheduling – Static Functional Description	613	Diagram amended as Event Maintenance Request does not receive requests from "All Domains".
2.155	3.8.2.2 Scheduling – Static Functional Description	613	"Not force completion" label removed, since the notification is sent in any case. Diagram should be amended accordingly.
2.156	3.8.2.2 Scheduling – Static Functional Description	613	Event Maintenance Request cannot be received from 'All domains'.
2.157	3.8.2.2 Scheduling – Static Functional Description	613	Event Maintenance Response cannot be sent to 'All domains'.
2.158	3.8.2.2 Scheduling – Static Functional Description	613	Following sentence "These unplanned Events may not include any predecessor or successor constraints" amended as reported below: "These unplanned Events may not include any links to specific predecessors or successors; they may either be inserted without any predecessor/successor links or as successors to all Events that precede them based on the scheduled time."
2.159	3.8.2.2 Scheduling – Static Functional Description	615-617	Update list of events and modules based on the configuration implemented in the External Acceptance Testing environment.
2.160	3.8.2.2 Scheduling – Static Functional Description	622	Use case diagram amended in order to remove the part stating that 'other module' can insert a new event maintenance request and receive an event maintenance response.
2.162	3.8.4 Data Migration	634	DMT paragraph need major changes to comply with the foreseen scenario. Interaction between users and T2S Operator has changed as well as the task in charge of the T2S Operator and the data coverage
2.163	3.8.5.4 Billing - Description	642 ff	Itemised Billing Data are also counted on Party level
2.164	3.8.5.4 Billing - Description 3.8.5.7 Processing of Billing use cases	642, 653	The Billing Event is sent at the first day after the billing period (i.e. the first day of the next month) and not at the end of the Billing Period.
2.165	3.8.5.4 Billing - Description	643 ff	VAT is not applicable for Billing. This has to be corrected in several parts of the text.
2.166	3.8.5.5 Billing - Functions	645	The Store Billing Data Period function does not set any approval status. This statement has to be deleted.
2.167	3.8.5.5 Billing - Functions	645	The Store Billing Data function does not store the issue date of the invoice, this is performed at a later step in the process and should be deleted here.
2.168	3.8.5.5 Billing - Functions	647	The Check Invoice Processing/Approval Request function does not forward the Billing Request flow to the Billing data function but to the Billing data period function.
2.169	3.8.5.7 Processing of Billing use cases	652	The generation can also have a negative result. This should also be reflected in the diagram.

Change ID	Impacted Section of the GFS	Page	Short description of the impact on drafting
2.170	4.1.4 SM: Static Data Management	665	[Table 4.1.4]: A2A messages have not been developed for creating, updating and retrieving rules and for creating and updating parameters. As a consequence, following UCs shall be removed: 139, 140, 145, 151, 157
2.171	4.1.5 QU: Queries	670	List of Use Cases: Renaming of "Data Changes awaiting Approval Query" to "Data Change Queries"
2.172	4.1.5 QU: Queries	670	Replacement of: Billing Data Report Query By: "Cumulative Invoice Query" and "Itemised Billing Data Query"
2.173	4.2 List of Reports Types	683	Very detailed information on the reports offered by T2S are reflected in the latest versions of User Detailed Functional Specification (UDFS) and User Handbook (UHB) for the Graphical User Interface. Therefore, the annex 4.2, which was kept very general, should be dropped in order to not provide ambiguous information. On that basis the impact from CR 291 will no longer be taken on board for the GFS.
2.174	4.3 List of Query Types	688	Very detailed information on the queries offered by T2S are reflected in the latest versions of User Detailed Functional Specification (UDFS) and User Handbook (UHB) for the Graphical User Interface. Therefore, the annex 4.3 of the GFS, which was kept very general, should be dropped in order to not provide ambiguous information. On that basis the impacts from CR 285, 305 and 336 will no longer be taken on board for the GFS.
2.177	3.7.3.1 Query Management – Static Functional Description	688	In line with change 2.174, the text underneath the table referring to the annex of the GFS should be altered to: "The various queries are described in more detail in the latest versions of the User Detailed Functional Specification (UDFS) and User Handbook (UHB) for the Graphical User Interface."
2.184	Several	Several	Correction of various typos without impact on functional descriptions

<u>Changes of category 3:</u> Changes coming from the written procedure on the GFS v4.0 in 2010 + other editorial changes not covered by an existing CR belonging to category 1

Change ID	Reason for change	Impacted Section of the GFS	Page	Short description of the impact on drafting
3.1	Туро	2.1.1.1 Objective and scope of T2S	10	Last bullet point contains a sentence within bracket which is repeated twice. The second occurrence should be removed. "(the action of setting or removing a settlement restriction)"

Change ID	Reason for change	Impacted Section of the GFS	Page	Short description of the impact on drafting
3.99	PBI 150051 - Clarify the 4- Eyes-Principle	3.2.6.3. Four- Eyes Principle	103	Drafting is modified is follows: "When updating data in T2S that is subject to an independent user verification (Four-Eyes principle), the initial request is sent by a user with a Four-Eyes privilege. As a result, the back end module creates a new revision or history record in case of Static Data updates that are valid as of a certain date with a status "Awaiting Approval" in the Approval Status attribute of the applicable static data class. To approve the task, Aa subsequent confirmation or revocation by either a different user with a Four-Eyes privilege or a user with a Two-Eyes privilege is required. The revocation of the task can be performed either by the initial user, or by another user with a Four-Eyes or Two-Eyes privilege."
3.2	Market Comment Note 2.2.11	2.1.1.1 Objective and scope of T2S	11	Third bullet point (Recycling period) for T2S.02.030 shall be removed
3.3	Туро	2.3.6.3	44	Correction of paragraph 1 line 3: "T2\$ sends reports to T2\$ parties containing information based on the data of the party for which the report is configured."
3.4	Market Comment Note 2.2.16	3.3.1 Static Data Management - Introduction	117	The table shows the complete list of these static data objects and their mapping versus the responsible Static Data module. Row Securities Data Management contains Static Data Object Auto-collateralisation Eligibility Link. This Object is not described in more detail in chapter 3.3.8 Securities Data Management.
3.5	Market Comment 6	3.3.1 Static Data Management - Introduction	117 - 144	There is a wrongly spelled entity name inside the table showing the complete list of static data objects and their mapping versus the responsible static data modules. The "Auto-collateralisation Eligibility Link" name should be replaced by the "Security Auto-collateralisation Eligibility" name. The entity "Security Auto-collateralisation Eligibility" should be explicitly mentioned in the description of the main class they are related to and their purpose should be clearly expressed. In this particular case the purpose of the entity is described (but the entity name is not explicitly mentioned.
3.6	Market Comment 21 Note 2.2.19	3.3.7.1 Party Data Management – Data Model	136	[SDMG.PAR.DMD.1.1] Entity Party Restriction should contain attributes Valid From Timestamp and Valid To Timestamp as describes in URD T2S.16.680. The Party Restriction should be within the YELLOW rectangle like the Securities Account Restriction and also include the attributes.

Change ID	Reason for change	Impacted Section of the GFS	Page	Short description of the impact on drafting
3.7	Market Comment 21	3.3.8.1 Securities Data Management – Data Model	143	[SDMG.SEC.DMD.1.1] Entity Securities Restriction should contain attributes Valid From Timestamp and Valid To Timestamp as describes in URD T2S.16.680. The Securities Restriction should be within the YELLOW rectangle like the Securities Account Restriction and also include the attributes.
3.8	Market Comment 26	3.3.8.1 Securities Data Management – Data Model	143	[SDMG.SEC.DMD.1.1] Conceptual data model to be amended: This entity defines the settlement currencies for which a security is eligible for auto-collateralisation Shall allow an authorised T2S system user to enter a combination of securities securities account and currency in this entity only if no entry exists for the party of that securities securities account and that currency.
3.9	Market Comment Note 2.2.26	3.3.8.1 Securities Data Management – Data Model	143	The diagram to be updated. Close Link should be moved into the yellow block and its attributes will be added.
3.10	Market Comment Note 2.2.25	3.3.8.1 Securities Data Management – Data Model to 3.3.8.3 Securities Data Management – Functions	143	[SDMG.SEC.DMD.1.1] Data model show entity Security Restriction. a) Entity has to be described in 3.3.8.3 as an entity of Securities Data management module. T2S.16.510 defines attribute Settlement Restriction Type for this entity. This attribute has to be added in the data model b) Additionally, the Entity Restriction Type has to be added in diagram.
3.11	Market Comment Note 2.2.24	UML Docs.	143	[SDMG.SEC.DMD.1.1] Entity Security Auto-collateralisation Eligibility UML Documentation describes "This entity defines the settlement currencies for which a security is eligible for auto-collateralisation in T2S. T2S shall allow an authorised T2S system user to enter a combination of securities account and currency in this entity only if no entry exists for the party of that securities account and that currency." The second sentence has to be removed.
3.12	Market Comment Note 2.2.22	3.3.8.3 Securities Data Management – Functions	144	Data model show entity Security CSD Link. a) Entity has to be described in 3.3.8.3 as an entity of Securities Data management module. (see also footnote 35) In this particular case the purpose of the entity is described but the entity name is not explicitly mentioned. To be amended accordingly and especially the "Security CSD Link" entity has to be moved into the yellow block and its attributes will be added.

Change ID	Reason for change	Impacted Section of the GFS	Page	Short description of the impact on drafting
3.13	Market Comment 30 Note 2.2.28	3.3.8.3 Securities Data Management – Functions	144	Footnote 32 amended to target section 3.3.11.13
3.14	Market Comment 31 Note 2.2.29	3.3.8.3 Securities Data Management – Functions	144	Footnote 33 amended to target section 3.3.11.10
3.15	Market Comment 29	3.3.8.3 Securities Data Management – Functions	144	[SDMG.SEC.DMD.1.1] Wording alignment "Furthermore, each instance of Securities is linked to one issuer or technical issuer CSD and can be linked to one or many investor CSDs" There can be several technical issuers for each instance of a securities (also several issuers)
3.16	Market comment 34 Note 2.2.32	3.3.9.3 Securities Account Data Management – Functions	149	[SDMG.SAC.ENT.1.1] Description of entity Securities Account does not contain all attributes from URD T2S.16.590; Account Reference and Market-Specific Restriction Identifier are missing.
3.17	Market Comment 37 Note 2.2.35	3.3.9.3 Securities Account Data Management – Functions	150	Footnote 39 should be amended as reported below: "For each securities account restriction, a period of validity and a market-specific restriction type must be specified."
3.18	Market Comment 35 Note 2.2.33	3.3.9.3 Securities Account Data Management – Functions	150	Reference to T2S.08.650 to be removed
3.19	Market Comment Note 2.1.2	3.3.10.1 T2S Dedicated Cash Account Data Management – Data Model	152	[SDMG.DCA.DMD.1.1] Update of the diagram. Enhancements of the conceptual data model related to the Credit Memorandum Balance will be introduced, according to the detailed design already described at UDFS level, in order to allow proper management of the collateralisation static data set-up and processing.
3.20	Market Comment 9 Note 2.2.38	3.3.10.1 T2S Dedicated Cash Account Data Management – Data Model	152	[SDMG.DCA.DMD.1.1] Diagram shows a connection between "Liquidity Transfer Order" and "T2S Dedicated Cash Account". This connection is missing in description of these elements in Data Model and GFS. The link is referred in page 156 for the function: SDMG.DCA.ENT.6.1 However, the description of the link is to be corrected in GFS as the T2S dedicated cash account can only be the debit cash account in a liquidity transfer order and not the credit cash account

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3.21	Market Comment 10 Note 2.2.41	3.3.10.3 T2S Dedicated Cash Account Data Management – Functions	153	Footnote 42 should be amended to target section 3.3.11.10
3.22	Market Comment Note 2.2.42	3.3.10.3 T2S Dedicated Cash Account Data Management – Functions	154	[SDMG.DCA.ENT.2.1] following paragraph should be amended as follows: "it may be linked to one or many CMB Securities Account Links {T2S.16.650 T2S.06.090}"
3.23	Market Comment 105 Note 2.2.45	3.3.10.3 T2S Dedicated Cash Account Data Management – Functions	157	[SDMG.DCA.ENT.7.1] "Each External RTGS Account is linked to the relevant RTGS System and Currency {T2S.02.060}" The reference to URD requirement is wrong and has to be corrected
3.26	Market Comment 13 Note 2.2.51	3.3.11.10 Rules and Parameters management – Restrictions Types	188	[SDMG.RPS.ENT.23.1] URD foresees that the user can define rules and if rules are defined they are linked to a restriction type "T2S.11.653 T2S shall enable an authorised T2S system user to define a set of rules for a restriction type". In GFS it should be "Each Restriction Type can be linked to one or many Restriction Type Rules.
3.27	Market Comment Note 2.1.8	3.3.11.12 Rules and Parameters management – Billing configuration	195	[SDMG.RPS.DMD.10.1] Update diagram as follows: - Vat entity to be removed - Scale unit, billing frequency, service item group removed from main entity, - range from and range to from Fee Schedule entity, - valid from, valid to be added to Fee Schedule entity, - Country entity to be removed, - Category entity to be added - Subscription fees as service item group removed
3.28	Market comment 115 Note 2.2.55	3.3.11.12 Rules and Parameters management – Billing configuration	198	[SDMG.RPS.ENT.38.1] Entity Limit a.) URD T2S.10.086 defines "Attribute requirements for limits". The URD reference is missing here, but shown on page 412 b.) Wrong URD reference T2S.08.810 shown - describes modification process of a limit c.) Wrong URD reference T2S.10.060 (Limit Management). This should be shown on page 412 d.) attribute "Currency" to be added
3.29	Market Comment 40 Note 2.2.56	3.4.1 Lifecycle Management and Matching - Introduction	213 - 230	Removal of inconsistencies between the LCMM domain diagram and the Instruction validation module diagram

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3.30	Market comment 60 Note 2.2.58	3.4.2.2 Lifecycle Management and Matching – Dynamic Data	215	Addition of the link between "LCMM Instruction Pool" and "Amendment of Links Instruction" in the diagram
3.31	Market comment 59 Note 2.2.57	3.4.2.2 Lifecycle Management and Matching – Dynamic Data	216	Addition of the "LCMM Instruction Internal Link" to the list of links of the "LCMM Instruction".
3.32	Market comment 63 Note 2.2.59	3.4.2.3 Description of the data related to Settlement Instructions	219	Update of the links on the Settlement Instruction diagram (addition of the links to - "Settlement Restriction entity" "LCMM Instruction Link""LCMM Instruction Pool""Cancellation Instruction" "Amendment Instruction" "Hold/Release Instruction")
3.33	Note 2.2.60	3.4.2.4 Description of the data related to Settlement Restrictions	223	The data model for the entity "Settlement Restriction" has to be updated with the latest version of the data model
3.34	Market comment 58 Note 2.2.61	3.4.2.4 Description of the data related to Settlement Restrictions	223	Update of the links on the Settlement Instruction diagram (addition of the links to: "LCMM Instruction Link" - "LCMM Instruction Pool")
3.35	Market comment 65 Note 2.2.63	3.4.3.3 Instruction Validation - Functions	235	Addition of the "Eligible Counterpart CSD entity" check. Currently the relevant UR is referenced in page 235 in the GFS but the check is not described
3.37	Market comment 67	3.4.3.3 Instruction Validation - Functions	237	Amendment of the current restriction reference check: The Restriction Type (Blocking/Reservation) in the LCMM Instruction is consistent with the Restriction reference
3.41	Market comment 71	3.4.3.3 Instruction Validation - Functions	246	Clarification that the revalidation of instructions can be triggered by both an update in SD and the SoD
3.42	Market Comment Note 2.2.69 and 70	3.4.3.3 Instruction Validation - Functions	246	Clarification on how the revalidation of instruction due to a Static Date change is performed. To mention that revalidation after the SD change can be independent on the ISD of the instruction or dependent as explained in UDFS page 282
3.43	Market Comment 74 Note 2.2.72	3.4.4.1 Instruction Maintenance - Diagram	249	Update of the relationships between functions in the Instruction Maintenance module diagram in line with the description of the module

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3.68	Туро	3.7.3.1 Query Management – Static Functional Description	581	Correction in the categorisation of queries as complex queries: Report Query. Reason: There is the need to distinguish between "Report List Query" and "Report Details Query". While "Report List Query" can be triggered in U2A only, "Report Details Query" can be triggered in U2A as well as in A2A. Considering the query possibilities of "Report Details Query" in A2A mode, this Query has to be categorized as "complex".
3.69	Туро	3.7.3.1 Query Management – Static Functional Description	581	Correction in the categorisation of queries as complex queries: Immediate Liquidity Transfer Order Details Query. Reason: The result of this query is restricted to one data set. Considering this, the Query has to be categorized as "simple.
3.70	Туро	3.7.3.1 Query Management – Static Functional Description	581	correction in paragraph "Availability of Queries" 1st sentence: "All User Queries are available for all T2S System Users with the appropriate privilege."
3.71	Туро	3.7.3.1 Query Management – Static Functional Description	581	correction in paragraph "Processing during night-time settlement" 2nd sentence: "An exception from this rule is the processing of securities position and cash balance queries during night-time settlement sequences." Reason: As per UDFS v.1.2.1 p. 210 ff. Queuing does not only effect queries on cash balances but also on securities positions due to their similar character.
3.72	Туро	3.7.3.1 Query Management – Static Functional Description	581	Correction in paragraph "Timeliness of data": "When required, the response to a User query contains always a timestamp that specifies the T2S system time when the data selection was actually performed {T2S.14.250} {T2S.14.830} {T2S.14.831} {T2S.14.832}."
3.96	Туро	3.7.3.1 Query Management – Static Functional Description	583	In line with changes 3.90 and 3.91, T2S Dedicated Cash Account Links by Party or Securities Account Query and Securities Account Links by T2S Dedicated Cash Account Query should be deleted.
3.73	Туро	3.7.3.2 Queries (QU) Use Cases	589	Correction in paragraph "Criteria" table row for "Query Type": "For a preliminary list of queries please refer to the table in chapter 3.7.3.3. "Static Functional Description", for an overview please see also the diagram "List of Use Cases" below."
3.74	Туро	3.7.3.2 Queries (QU) Use Cases	588	Correction of the paragraph "List of use cases" text below the diagram, 2nd sentence: "The preliminary list of use cases in presented in the appendix "List of Use Cases"

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3.84	Туро	3.7.4.2 Report Management – Static Functional Description	597	Correction of chapter "Description of the functions of the module", "1 - Extracting Data for Report", "Information on the permission on receive a report", 5th paragraph second bullet: "Securities positions of their securities accounts or securities accounts of their parties"
3.82	Туро	3.7.4.2 Report Management – Static Functional Description	597	Correction of chapter "Description of the functions of the module", "1 - Extracting Data for Report", "Information on the permission on receive a report", last paragraph: "In general a party can receive reports on those data which are within its default data scope."
3.83	Туро	3.7.4.2 Report Management – Static Functional Description	598	complement section "Behaviour of Extracting Data for Report, 3rd paragraph, addition as last sentence: "If there is no previous report for the current business day, the SoD is considered as the starting point in time for the reporting period."
3.98	Туро	3.7.4.3 Reports (RE) Use Cases	599	The paragraph "List of use cases" text below the diagram, 2nd sentence should be corrected: "The preliminary list of use cases is presented in the appendix."
3.84	Туро	3.8.2.2 Scheduling - Static Functional Description	613	Sentence modified "Furthermore, the T2S Operator or other T2S modules may generate unplanned events"
3.85	Туро	3.8.2.2 Scheduling - Static Functional Description	614	Sentence modified "generated dynamically throughout the operating day depending on information received from other modules, or inserted manually".
3.86	Туро	3.8.2.2 Scheduling - Static Functional Description	619	Last sentence to be removed. "This function is also available to other T2S domains, but only to insert new Event instances without any predecessor constraints."
3.87	Market Comment Note 2.2.106	3.8.3.3 Operational Monitoring - Functions	627	[Page 627] "The following diagram provides an example showing the transit time related to a specific CSD and instruction type" Change in "the previous" diagram as the diagram is mentioned before the text.
3.88	Туро	3.8.5.4 Billing - Description	643	No deviating billing frequencies are stored for Service Items
3.89	Туро	4.1.4 SM: Static Data Management	665	[Table 4.1.4] Close link wrongly assigned under CDS responsibility. UC ID 100 must be amended from CSD to NCB.
3.90	Туро	4.1.5 QU: Queries	671	Deletion of the T2S Dedicated Cash Account Links by Party or Securities Account Query

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3.91	Туро	4.1.5 QU: Queries	671	Deletion of the Securities Account Links by T2S Dedicated Cash Account Query
3.92	Туро	4.1.6	675	"Statement of Accounts at End-of-Day" should be renamed into "Statement of Accounts" without "at End-of-Day".
3.93	Market Comment 124	whole document	n/a	Auto-collateralisation vs. Autocollateralisation - Cut off vs cut-off - T2S 08 xxx vs T2S.16.xxx Common naming conventions "Auto-collateralisation" "Cut-off" "T2S.xx.yyy"
3.94	Other	whole document	n/a	Reference to CCBM2 to be removed
3.95	UDFS vs GFS	whole document	NA	Alignment with the UDFS where the term "CB" instead of "NCB" is used for to identify central banks

Outcome/Decisions:

^{*} CRG meeting of 28 May 2014: The CRG recommended to put the Change Request on hold and to reassess it at the time of the 4-week written consultation on the GFS v5.0 in October 2014.

^{*} Written procedure with the CRG from 29 September to 24 October 2014: The Change Request was updated following the written procedure with the CRG.

^{*} CRG Telco of 2 December 2014: The CRG members did not raise any objection to the Change Request and was agreed to give additional time to a CRG member to review the Change Request until 10 December 2014.

^{*} Written procedure with the CRG from 2 to 10 December 2014: The CRG recommended the approval of the Change Request as no comments were received.

^{*} Advisory Group's advice on 12 December 2014: The AG was in favour of the Change Request via written procedure

^{*} CSG meeting on 11-12 December 2014: The CSG adopted the resolution to approve the Change Request.