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Global PAYplus Version 4.6.6

Database Schema

Technical Guide

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Version Control

Version	Date	Summary of Changes
1.0		Document Created
2.0		Updates to ERD
3.0		Updated ERD
		Added Data Dictionary to this document
		Updated Table Descriptions: CYCLE_SETTLEMENT, NLS_CODE_CONVERSION
4.0		Updated Table Descriptions: Miscellaneous Settings, Code Settings, Users & Permissions, Profile GUI
5.0		Updated Table Descriptions: Drawdown table
6.0		Updated Data Dictionary: DASHBOARD_ACCOUNT_POSITION, ACCOUNTS, MESSAGE_STP_RULES, CUSTOMRS, FILE_INTERFACE_BUFFERS, MOP_CYCLE, BATCH_SUMMARY, TASKS_SETTINGS, FILE_INTERFACE_BUFFERS, BULKING_PROFILE, OUT_FILE_BUFFERS, MSG_STOP_FLAGS, MOP, GAPS, MSG_SPECIAL_INSTRUCTIONS, MESSAGE_FIELDS.
		Updated Table Descriptions: DASHBOARD_ACCOUNT_POSITION, FILE_INTERFACE_BUFFERS, BATCH_SUMMARY, MESSAGE_FIELDS.
7.0		Updated Table Descriptions: EXPECTED_FILES, FLOW_CONTEXT_DATA
		FLOW_CONTEXT_METADATA, FORMATS, GPP_GMP_MUTUAL_CATALOG
		Updated Data Dictionary: MSGERR, MINF, FILE_SUMMARY
8.0	Oct 2015	Document reformatted
9.0	Dec 2015	Added new tables to the GPP Functional Tables section
10.0	Feb 2016	Added new tables to relevant sections.
11.0	Jun 2016	Added new tables to relevant sections.
11.0	Oct 2016	Added new tables to the GPP Functional Tables section: DD_STOPS_AND_PERMITS, ADVISING_MAPPING_DEFINITION, ADVISING_REQUEST_MAPPING.
11.1	Feb 2017	Removed ERD sections and added updated Data Dictionary
11.2	June 2017	Added new tables to the GPP Functional Tables section: ACCUMULATED_AMOUNTS, SUP_DATA_CONTRACT_ELEMENT, SUP_DATA_CONTRACT, MEMBERSHIP_SERVICES

Table of Contents

1   Introduction

1.1   Overview

This document describes the tables in the Global PAYplus database and their interrelationships.

1.2   Database Table Descriptions

1.2.1   Column Headings Description

This is a description of the headings used in GPP Table Descriptions.

Column Headings	Description
Table Name	The name of the table
Group/s	Logical group/s to which the table belongs and its location in the Entity Relationship Diagrams (ERD) section.
Description	Description of the contents of the table

1.2.2   GPP Functional Tables

1.2.2.1   GPP Table Descriptions

Table Name	Group/s	Table Description
ACCESS_CATEGORIES	System Setup - Users & Permissions	Stores the high level categories to which the access security rights are assigned.
ACCESS_LEVEL_PROFILE	System Setup - Users & Permissions	Definition of categories of Access Levels and their hierarchy. All the access level profile names in GPP, holds the names of the access profiles that defines the accessibility to menus and sub menus and access to all GPP.
ACCOUNTS	Business Setup - Business Entities Liquidity	The account attributes.
ACCOUNT_ADDITIONAL_OWNERS	Business Setup - Business Entities	Stores an additional party to be defined as owner of an account.
ACCOUNT_CAPS	Liquidity	Stores the setup of the different CAP figures to be used when evaluating sufficient liquidity check on outgoing payments credited to a Nostro/Settlement account, prior to the release of the payment.
ACCOUNT_DAILY_BALANCES	Business Setup - Business Entities Liquidity	Stores the balance information for the position keeping accounts. Each entry includes the different balances available per a specific account and a specific date.
ACCOUNT_GROUPS	Business Setup - Business Entities Liquidity	Each entry in this table defines a group of accounts.

Table Name	Group/s	Table Description
ACCOUNT_GROUPS _MEMBERS	Business Setup - Business Entities Liquidity	Stores the list of accounts belonging to a certain group of accounts (as in ACCOUNT_GROUPS).
ACCS_LVL	System Setup - Users & Permissions	Stores all the access levels in GPP (for example, menus, sub menus, profiles). Records the available security accesses. (GUI ONLY) Access levels when you want to set the levels for the user. Each menu level has its own identification.
ACCTYPES	Business Setup - Business Entities System Setup - Miscellaneous Settings	Stores valid Account Types in the system.
ACTIVITY_AUDIT	Operations - Logs	Main error/audit system definition table.
ACCUMULATED_AM OUNTS		Holds accumulated amounts per MID.
ADVCTYPE	Business Setup - Business Entities	Stores the advice types available in PAYplus. Advice type is for display when the user wants to select either the customer profile or the message itself. It displays the available advices.
ADVISING	Business Setup - Business Entities	Stores the setup for cases in which a Credit Advice or a Debit Advice should be sent when crediting/debiting a specific customer or account. Part of the Advising functionality.
ADVISING_MAPPING _DEFINITION		Stores the advising mapping definition for CMS request generation.
ADVISING_REQUES T_MAPPING		Stores the advising request mapping.
ALERTS	System Setup - Users & Permissions Liquidity	Stores all the alerts defined in GPP, their names and all their attributes. Alert definition table. Provides alert visual and audio attributes, double-click action.
ALERT_LEVEL_PRO FILE	System Setup - Users & Permissions	Stores all the alert profile names in GPP. Defines the security access for Alerts.
ALERT_PROFILES	System Setup - Users & Permissions	Stores all the alerts that are being included in a specific alert level profile.
APROFILE	System Setup - Users & Permissions	Stores all the access rights for menus and all access to GPP that are being included under a specific access level profile and their read/write privileges. Maintains Access Level security profiles. (GUI only)Access profile. All of the access levels for a specific role. This is an associative file. Updated through GUI. Background does not touch.
ASSEMBLY_PROFIL E		Name of the associated Assembly profile
ATTACHMENT		The attachment table.

Table Name	Group/s	Table Description
ATTACHMENT_LINK		The attachment link table.
AUDIT_PARAMS	System Setup - Miscellaneous Settings	Audit parameters
BANDS	Liquidity	Bands profile attributes. Holds the setup of the different bands used to prevent outgoing payments from being released based on their amount
BANKIDCODES	Queues - Message Page	Stores information about how the GPP GUI displays bank codes, controls code input, and related information
BANKS	Business Setup - Business Entities System Setup - Code Settings Operations - Tasks & Events	Local Office attributes. Bank branch(s) that has PAYplus. Maintains essential bank information including the current business date, the Swift ID of the Central Bank, and the Domestic Net Clearing Swift ID.
BANKS_MQT	System Setup - Miscellaneous Settings	Banks MQT
BANK_ROUT	Business Setup - Routing	Correspondent Relationships. This table enables identifying an agent for the beneficiary if there is no direct relationship with the beneficiary. Customers instructions where to find accounts
BATCH_CONTROL	Queues - Mass Payments	Stores all the information related to File Batch Control profile information.
BATCH_SUBSET	Queues - Mass Payments	A dynamic table. Each sub-batch will be represented by a single record in this table. All this information exists on the MIF/MTF1000 records but after the BOOK cover message is complete the sub-batch is still alive.
BATCH_SUMMARY	Queues - Mass Payments	Stores the entry for each batch received in a file. GPP continues to update the batch summary record as the batch/file continues processing. Includes an entry for each of the batches received in the file.
BPROFILE	System Setup - Users & Permissions	Stores all the departments' types that are being included under a specific department level profile and their read/write privileges. Available departments for a specific category. A user with this profile will be able to view/update any profile within his APROFILE with Department (a column in the profile) within the BPROFILE list of Departments.
BULKING_PROFILE	Queues - Mass Payments	Stores bulking parameters. In addition to general bulking parameters, this table includes fields required by the SWIFTNet gateway for communications over FileAct.
BULKING_SENDING_ TIMES	Queues - Mass Payments	Defines bulking sending time for when the clearinghouse will accept the file.
BUSINESS_AREA	System Setup - Code Settings	Business Areas and their descriptions
BUSINESS_DATE_HI STORY	Operations - Tasks & Events	Stores the current and previous business date per Office and MOP.

Table Name	Group/s	Table Description
BUSINESS_FLOW_DEFINITION	System Setup - Miscellaneous Settings	System table that defines all application related message business flows.
CBI_ENVELOP_CYCLE		Stores the CBI Envelope Cycle ID's.
CHANNEL_SETTINGS		Stores for each input/output channel, the technical setting required such as MQ/MQFTE definitions.
CHANNELS		Stores input and output channels in which payments, feedbacks and statements can be received/sent.
CALENDAR	Business Setup - Business Entities System Setup - Geographic Settings Business Setup - Routing	Stores Calendar profile information, which defines weekends and bank holidays.
CDT_DAILY_TRANSFER	Business Setup - Business Entities	Stores the total of credit amount, per customer and for a specific business date that was transferred so far during that day
CHAR_SETS	Queues - Message Logical Fields	Stores the Character Set profile information, which is used to define the characters that can or cannot be used in a specific field.
CLIENT_ID	Business Setup - Business Entities System Setup - Codes Settings	Stores the Client ID profile information, which is used to maintain Client IDs in GPP. Client IDs and associated accounts are used to identify where posting entries should be made to help the client identify payments in the beneficiary information
CODE_LIST	Queues - Message Logical Fields	Stores the Message field available codes
COMPANY	Business Setup - Business Entities	Stores customer specific and additional attributes that are not taking part in GPP payment processing flow.
CONTACT_MEMBERS		Specifies the list of contacts belonging to a given party account or party.
CONTACTS		Stores the customer contacts information such as Name, Address and Phone number.
COUNTRY_BU	Business Setup - Processing Business Setup - Routing	Business country attributes (e.g. correspondents). The Country Profile table lists generic attributes for the country
COUNTRY_CFG	System Setup - Geographic Settings Business Setup- Processing	Global country attributes (e.g. name, IBAN data). Generic Country Configuration Data
COUNTRY_CURRENCY	Business Setup - Routing	Stores the type of how the message will be sent outside (serial/cover)

Table Name	Group/s	Table Description
COUNTRY_NCC	System Setup - Geographic Settings	Provides the NCC type and length for each country
CURRENCY_BU	Business Setup - Processing	Business currency attributes (e.g. correspondents). Contains the generic currency profiles.
CURRENCY_CFG	System Setup - Geographic Settings	Global currency attributes (e.g. decimal places). Contains the generic currency information
CUSTOMRS	Business Setup - Business Entities Business Setup - Foreign Exchange Business Setup - Routing Liquidity	Other Banks and Customers attributes. Maintains detailed customer, other bank, and branch information
CUST_CODEWORDS		Stores code words related to the Customers profile such as CUC and SIA codes.
CUSTOMER_EBPRODUCTS_VAS		This table holds the value add services for eSTM/RFF
CUST_LIST_VALUE	System Setup - Custom Fields	Value list for custom fields profile.
CUSTOMER_TARGET_CHANNELS		This table defines the relation between the Customrs and TargetChannel.
CUTOFF_PROFILE	Business Setup - Processing Business Setup -Routing	Stores the master data of all Cutoff Time Profiles
CYCLE_SETTLEMENT	Business Setup - Routing	Stores settlement information for a specific cycle, in use only in India Clearing for the NEFT MOP.
DASHBOARD_ACCOUNT_POSITION		Dashboard account position.
DASHBOARD_LEVEL_PROFILE		This table describes the DASHBOARD_LEVEL_PROFILE table, which stores Dashboard entitlement profile metadata.
DASHBOARD_PAGES		Dashboard pages
DASHBOARD_PAYLETS		Dashboard paylets
DASHBOARD_PAYLET_TYPES		Dashboard paylet types.
DASHBOARD_TRANSACTION_COUNTERS		Dashboard transaction counters.
DAYLIGHT_SAVINGS	System Setup - Geographic Settings	The Day Light saving period for a Time Zone Code

Table Name	Group/s	Table Description
DD_CREDITOR_ID	Queues - Mass Payments	Stores the information of the Creditor ID Account profile in which the relationship between a parties direct debit accounts and a CID is defined.
DD_CREDITOR_ID_S TRUCTURE	Queues - Mass Payments	Stores the DD Creditor ID profile, which defines the Scheme code for the creditor, the maximum length of the CID (Creditor ID), the starting position and length of the discretionary data, if included, in the CID and the algorithm to check the CID structure.
DD_CR_ID_ACCTS	Queues - Mass Payments	Stores the information of the DD Creditor ID Account.
DD_PARMS	Queues - Mass Payments	Direct Debit Parameters.
DD_STOPS_AND_PE RMITS		SEPA Direct Debit White list, black list management.
DEBIT_AUTHORIZAT ION	Business Setup - Business Entities	Debit authorization of sender (identifier) on account. Maintains a list of debit authorizations.
DEPARTMENT	System Setup - Users & Permissions System Setup - Miscellaneous Settings	Department attributes. Department definition table. Provides department code and name and a unique association to an office.
DEPARTMENT_LEVE L_PROFILE	System Setup - Users & Permissions	All the department level profile names in GPP, Stores the names of the department level profiles that defines the accessibility to different departments and offices.
DPROFILE		Dashboard profile.
DRAWDOWN	Business Setup-Business Entities	Profile to maintain the online agreements that are used to validate incoming drawdown requests.
DYNAMIC_PARTY_LI MIT	Liquidity	Dynamic data for validation and accumulation of party limits. Each entry originates from a payment for which a limit was caught. Accumulation per limit/role/date/party is performed based on all entries for same limit/role/date/party, and according to the scope defined for the specific limit.
DYNAMIC_TABLES_ CLEAN	Operations - Tasks & Events	A System table which Stores all the tables that needs to be cleaned on a daily basis. This table is for GPP technical use only.
EBPRODUCT_FORM ATS		This table stores the list of available formats, per EB product.
EBPRODUCTS		This table stores the electronic banking products available for corporate customers.
EMAIL_GROUPS		Definitions for email groups - emails should be defined with a semicolon between the addresses.
ENTITY_FIELD_PRO PERTIES		Files, bulks, and batches fields' metadata.
ENTITY_GROUP_AC TIONS		Table holding actions for user interface with specific entity/status combinations.

Table Name	Group/s	Table Description
ENTITY_UPDATE_D ETAILS		Stores the updated values for Entities (i.e file, bulk or batch). If a user declines the changes, then the changed value is rolled back to the old value.
ERRCODES	Operations - Logs	Stores the Reject/Return Codes profile information, which lists the formal error codes that may be used by the Clearing house and used to enrich the NAK/abort code or when trying to return a message and a reason code has to be specified
ERRCODES_MATCH	Operations - Logs	Stores the mapping between external error code and internal error code, when generating R-messages in mass payments. When an incoming payment (CT or DD) fails processing in GPP or receives a negative response from bank host systems (such as account posting), it is routed to REPAIR status and a relevant error code (or codes) is updated against the payment record. This error code is internal. The internal error will be converted to the equivalent external based on this table.
ERRORLOG	Operations - Logs	Records system errors that occur in the PAYplus RTGS GUI and modules e.g., the TRC, CPA. keeps errors that are not payment related, for example Select statements that failed
ERROR_MAPPING	Operations - Logs	Maps external error codes to GPP's error codes and vice versa
ERRONEOUS_FIELD S_DETAILS		Records additional details for the erroneous fields related to a specific error in MsgErr, for a specific processing entity.
EVENT_ACTIVITIES	Operations - Tasks & Events	Defines scheduling for one time and recurrent events; recurring events scheduling population is trigger based while one-time events are code driven.
EVENT_DEFINITION S	Operations - Tasks & Events	This is a system table. Classifies all Asynchronous tasks within the GPP; association to a given WORK_GROUP_ID defines the number concurrent executions while an association to a given EXEUCTION_ID defines logical aggregation of events within a given execution cycle.
EXCHRATE_BU	Business Setup - Foreign Exchange	A table that holds all the exchange rates used for currency conversion.
EXCHRATE_CFG	Business Setup - Foreign Exchange	Stores the currency pair attributes which are not dynamic.
EXCHRATE_RTR	Business Setup - Foreign Exchange	Real time FX interface
EXCHRATE_UPLOA D	Business Setup - Foreign Exchange	Supports dual bulk approval of uploaded exchange rates.
EXPECTED_FILES	Business Setup	The Expected Files profile is triggered via an event to validate the actual number of files received from the initiating party against the expected amount.
EXPECTED_FILES_P ARTIES		

Table Name	Group/s	Table Description
EXTERNAL_ERROR_ MESSAGES	Message Related Tables Operations - Logs	Stores all message error responses from an interface, as received by GPP.
EXTERNAL_SYSTEM _ACCOUNTS		Unique key for the debit or credit account fed by an external system into GPP.
EXTERNAL_SYSTEM _CUSTOMERS		Key-map to hold serializable customers from account lookup.
FEE_FORMULA	Business Setup - Fees	Fee Formulae used in fee rules and message entry
FEE_FORMULA_TIE RS	Business Setup - Fees	Defines tiers for fee formulas
FEE_TYPES	Business Setup - Fees	Stores fee type profiles.
		Conversion table from FIELDSALIAS table to FIELDS_DEFINITION
FIELDS_VALUES	Queues - Message Logical Fields Business Setup - Foreign Exchange Liquidity	Stores lists of valid values and descriptions for various fields in the system used in the GPP GUI.
FIELD_VERIFICATIO N_FIELDS	Queues - Message Logical Fields	Stores a set of fields which are used in the verification process of a specific message, which needs to pass through the process and the message status is Verify.
FIELD_VERIFICATIO N_PROFILE	Queues - Message Logical Fields	Stores Field Verification profiles. Each office has a single profile attached that determines which fields must be re-keyed or pass sight verification in VERIFY status.
FILE_CONTEXT_BUF FER		Holds the file path and file context information.
FILE_CONTEXT_SP OOL	Queues - Mass Payments	Persistency support for the ProcessFile cache which holds FileContext objects.
FILE_CUTOFF_PROF ILE		Stores the master data of all file cutoff time profiles.
FILE_FIELDS		Files, bulks, and batches fields' metadata.
FILE_INTERFACE_B UFFERS	Queues - Mass Payments	If a compliance validation rule is found and the action is other than bypass, GPP will add transaction details to this table that will be used for creating OFAC bulk file. After information for all transactions in the file is added, GPP will generate an OFAC file and copy is to the location specified in OFAC interface.
FILE_PROCESS_DIS TRIBUTION	Queues - Mass Payments	Stores all related file chunks, per one incoming file, (represented by the INTERNAL_FILE_ID column), where each chunk holds a number of payments from the incoming file that is determined according to a system parameter.
FILE_SUBSET_CHU NKS	Queues - Mass Payments	Stores all related chunk IDs per one incoming file, (represented by the INTERNAL_FILE_ID column), where each chunk ID encapsulates 1 to N payments from the

Table Name	Group/s	Table Description
		incoming file and these payments have passed base processing by the system and were given a unique grouping ID.
FILE_SUMMARY	Queues - Mass Payments	Defines all attributes for an incoming and outgoing mass payment files; each file can stand for 1 to N payments.
FILE_SUMMARY_EXT	Queues - Mass Payments	An extension to the File_Summary table, with information related to the physical file in which logical files were received or sent. Attributes from this table are included in the GUI as the attributes of the main File_Summary table. Defined in a different table for segregation. To be in use only in a specific deployment.
FILE_SUMMARY_FORMAT_EXT	Queues - Mass Payments	An extension of the File_Summary table, with information related to file format. Attributes from this table are included in the GUI as the attributes of the main File_Summary table. Defined as a different table for segregation. To be in use only when the Transformation offering is included in a specific deployment.
FLAT_FILE_FORMAT_GROUPS		Interface Format Name.
FORMATS	Queues - Message Logical Fields	Defines the available message formats and their attributes, which can be received and sent out by the integrated system of GPP and GMP. The table is populated by GMP via a GPP API upon the definition of a new format, or an update in the mirrored attributes of an existing format, within the GMP Format Artifacts Management Tool.
FLOW_CONTEXT_DATA	System Setup	Flow context data table.
FLOW_CONTEXT_METADATA	System Setup	Flow context meta data table.
FORMAT_IDENTIFIERS_EXT		Stores the values of all the specific Format Identification elements (as defined in the GPP_GMP_Mutual_Catalog table for Element_List_Type='FORAMT_IDENTIFIERS') for a specific format. This table is an extension of the Formats table, and is populated by GMP via the same GPP API, along with the Formats table
FORMAT_LIMITATIONS_EXT		Stores the values of all the specific Format Limitation elements (as defined in the GPP_GMP_Mutual_Catalog table for Element_List_Type='FORAMT_LIMITATIONS') for a specific format. This table is an extension of the Formats table, and is populated by GMP via the same GPP API, along with the Formats table.
GAPS		The Gaps identified for a particular interface entity.
GAP_TYPES		Used to define attributes for gap detection and resolution. Users will not be able to add gap types, but they will be able to modify some attributes.
GENERATE_TRANS_PROFILE	Rules	Stores the Generate Transaction profile information, which specifies the type of message to be generated for a specific transaction. It also specifies how trigger messages and generated messages relate to each other (MFAMILY entries) and the required mapping information for generated messages.

Table Name	Group/s	Table Description
GPP_GMP_MUTUAL _CATALOG	Business Setup – Transformation Offering	Stores the mutual set of catalog elements, per specific types, that can be used by both GPP and GMP, specifically as part of the services APIs. This catalog allows the share of terminology between the 2 systems, in a way that also allows for the differentiation between different deployments and projects that may need different lists per each list type.
GRID_FIELDS		Grid data fields metadata for grid types like rule log, error log, etc.
HOLIDAYS	System Setup - Geographic Settings	Stores calendar definitions for business days, weekends, and holidays.
IBAN_BIC_RELAT	Business Setup - Business Entities	IBAN BIC relationship
IDENTIFIER_TYPES	Business Setup - Business Entities	Stores a list of all party and party-related types that can be set as the Sender/Receiver type and will include an indication of the table to which the table is related
INTEREST_RATES	Business Setup - Fees	Defines the interest rates to be used as part of the compensation service.
INTEREST_TYPES	Business Setup - Fees	Defines the interest types to be used as part of the compensation service.
INTERFACE_ERROR _LOG	Operations - Logs	Enlarge description field
INTERFACE_FIELDS	Operations - Tasks & Events	This table enables GPP to cope with the requirement of associating external events with a list of message attributes. The table is comprised of an external event name and from a payment attribute.
INTERFACE_MSG_T YPE	Operations - Tasks & Events	Interface message types.
INTERFACE_PROTO COL_PARAMS		Metadata for INTERFACE_TYPES_PROPERTIES parameters.
INTERFACE_TYPES	Operations - Tasks & Events	Stores an entry for each interface call (both Incoming and Outgoing) with all its technical business attributes.
INTERNAL_TYPE_DE F	Queues - Message Logical Fields	This is a system table. Stores common constants used by the application constants and their values, such as field control type and field format style.
ISP_CONFIG		Mode and template information for paydays.
ISP_PAYDAY		Dates on which investor payments will be made.
JOURNALMESSAGE S	Operations - Logs Message Related Tables	Standard list and properties of error messages for journal (for example, description, severity).
LIMIT_LEVEL_PROFI LE		Keeps all the existing Limit level profiles for all offices. Each profile defines the Limits for various queues that a certain user can\cannot view.
LIST_TYPES	System Setup - Custom Fields	Value Lists types for Rules. Type of all the value lists in GPP.

Table Name	Group/s	Table Description
LIST_VALUES	System Setup - Custom Fields	Store information of Value for List Types.
LOGICAL_FIELDS	Queues - Message Logical Fields Queues - Message Page	Defines the logical fields, containing message attributes, that will be used by the process and user (within rules), along with the Meta-Data attributes of these fields.
LOGICAL_FIELDS_X PATH	Queues - Message Logical Fields	Stores the physical location of the logical fields for different XML document types.
MANDATE	Queues - Mass Payments	Mandate attributes.
MANDATE_SCHEME _AC		Mandate scheme AC attributes
MATCHING_CHECK	Rules	Stores the Matching Check profile information which specifies the matching algorithm and index to be used in duplicate checking or Direct and Cover matching. The user is required to define separate profiles for matching Payment to MT210 and vice versa. Similarly, the user is required to define separate profiles for matching PI to SN and vice versa.
MEMBERSHIP	Business Setup - Routing	Other Bank MOP Membership. This table is part of the MOP validation process. It stores information of the bank and their membership in the MOP.
MEMBERSHIP_SERV ICES		Stores membership additional services.
MESSAGEBUTTONS	Queues - Message Page	Available message page buttons with their Meta-Data
MESSAGERATES	Queues - Message Related Tables	Stores information on rates used for each specific message, including forward contracts and dealers rates.
MESSAGE_BLACKO UT	Message Related Tables	The table stores all failed messages which exceeded the backout threshold defined for the interface queue.
MESSAGE_EXTERN AL_INTERACTION	Message Related Tables	Records the information, including the actual text, of the different Interface Requests and Interface Responses relating to each specific message.
MESSAGE_FIELDS	Queues - Message Page	Part of the message page GUI mechanism. Defines the default settings of the fields per a group of fields or one panel within a screen set. Note that the Meta data of each field, (which is the same for all screen sets), is taken from the LOGICAL_FIELDS table.
MESSAGE_FIELDS_ GROUPS	Queues - Message Page	Part of the message page GUI mechanism. Defines all the Meta data for all groups of fields which may exist in the message.
MESSAGE_FIELDS_ GRP_PROPERTIES	Queues - Message Page	Part of the message page GUI mechanism. Defines the default settings for groups of fields and panels per one screen set ID
MESSAGE_FIELDS_ SETTING	Queues - Message Page	Part of the message page GUI mechanism. Defines sets of fields within a logical group, (that has a logical ID), and the dynamic settings for each field. This table is required

Table Name	Group/s	Table Description
		when we want to dynamically (based on rules) change the state of fields (when we know that the message has passed some processing and we need to disable/enable/hide fields accordingly). In such a case entries in this table will define the required setting for a set of fields, and this set will be selected using the Message Fields Sets Selection rule (108) based on conditions per the message.
MESSAGE_FIELD_ACTIONS	Queues - Message Page	Part of the message page GUI mechanism. Defines actions that the system needs to perform when specific GUI events occur (for example, user clicks on a Panel title)
MESSAGE_GROUP_ACTIONS	Queues - Message Page	Stores the definitions on the different actions that are allowed as Group actions - on a list of selected messages within a queue list view - per specific queues
MESSAGE_LEVEL_PROFILE	System Setup - Users & Permissions	Stores all the message profile names in GPP. Defines the security access for Messages
MESSAGE_SCREEN_SETS	Queues - Message Page	Part of the message page GUI mechanism. Defines all message screen sets in the application. Serves as the dynamic list that the Message Screen Set Selection rule (107) can select
MESSAGE_STP_FIELD_RULE	Queues - Message Logical Fields	Stores the setup for the specific validations required per specific fields (logical fields). Part of the STP Validation functionality
MESSAGE_STP_RULES	Queues - Message Logical Fields	Stores the list of validation rules (specified in MESSAGE_STP_FIELD_RULE) as per the required scenario (profile is selected by a rule). Part of the STP Validation functionality
MESSAGE_TABLES	Queues - Message Page	Each one of the grids in the message layout (for example, Audit, Posting, Notes) has one row in MESSAGE_TABLES table. This row contains the metadata regarding the grid. It contains its related data table name, its alias and events on the grid.
MESSAGE_TABLE_FIELDS	Queues - Message Page	In the MESSAGE_TABLE_FIELDS table there is the metadata per each column in each one of the grids in the MESSAGE_TABLES table. For each of the columns it contains its alias, its order in the grid and some extra metadata.
MFAMILY	Queues - Message Related Tables	Records linking records between specific messages, as per the different relation types between them.
MINF	Queues - Message Related Tables Queues - Mass Payments Business Setup - Processing Operations - Logs Liquidity	Stores the transaction information.

Table Name	Group/s	Table Description
	Business Setup - Routing	
MOP	Business Setup - Routing Queues - Mass Payments Business Setup - Foreign Exchange Liquidity	Method of Payment attributes.
MOPSERVICES	Business Setup - Routing	Translation between the Services in the BICplus directory and PAYplus MOPs. Is used to maintain the membership table when loading the BICplus file
MOP_CYCLE	Liquidity	Defines the settlement cycles per MOP.
MOP_DYNAMIC_INFO	Business Setup - Routing	MOP DYNAMIC flags and parameters to be used by background processes for MOP properties automatic updates.
MOP_RELEASE_DATE	Business Setup - Routing	For every payment, per candidate MOP, this table defines the Max days and Min days release date. The profile is invoked by rule MOP release date selection.
MPROFILE	System Setup - Users & Permissions	Stores all the message types that are being included under a specific message level profile and their read/write privileges
MSGERR	Queues - Message Related Tables Operations - Logs	Records errors relating to specific messages.
MSGNOTES	Queues - Message Related Tables Operations - Logs	Records notes attached to messages.
MSG_ATTACHMENTS	Queues - Message Related Tables	Message attachments
MSG_FEES	Queues - Message Related Tables Business Setup - Fees & Charges	Stores the fees allocated for the message
MSG_PARTIES	Queues - Message Related Tables Liquidity	Stores the primary identifier of the Party for each party quoted in a specific message, as available in the GPP DB.
MSG_POSTING	Queues - Message Related Tables	Stores all the posting entries created for a specific payment

Table Name	Group/s	Table Description
MSG_POSTING_EXTN	Queues - Message Related Tables	An extension to MSG_POSTING table that Stores additional customer specific attributes of each posting entry, as required, whether to be included in the Posting request, or attributes received in the Posting response that will later be required. Multiple entries can appear in this table for a specific MSG_POSTING entry. The data in this table will be customer specific and populated only if such additional attributes are required in a specific customer site.
MSG_POS_FIGURE	Queues - Message Related Tables Liquidity	Stores the current position figures assignments per message.
MSG_RULE_LOG	Queues - Message Related Tables	Contains log per message for user defined rules that were applied.
MSG_SPECIAL_INSTRUCTIONS	Queues - Message Related Tables	Stores all special instructions attached to a specific message.
MSG_STOP_FLAGS	Business Setup - Processing	Maintains the stop flags attached to payment
MSG_TYPES	Business Setup - Routing	Defines the available message types and their attributes, which can be received and sent out by GPP
MSG_TYPE_MOP	Business Setup - Routing	Defines the available combination of message type, message sub type and mop supported by GPP
NCC	Business Setup - Business Entities	NCCs - National Clearing Codes (BSBs, CHIPS UIDs, SCs, etc.). National Clearing codes by NCC type, with their associated BICs and name and addresses
NEWJOURNAL	Queues - Message Related Tables Operations - Logs	Records audit trail lines relating to each specific message.
NLS_CODE_CONVERSION	System Setup - Miscellaneous	Stores all the ANSII codes of foreign languages to support their different letters. Used for translation of payments when the MOP requires to do so.
OBJECT_PRULES	Rules	Contain the process rule sets defined for an object
OBJECT_PRULE_TYPES	Rules	Contains the process rule types define for an object
OFAC_BASE	System Setup - Miscellaneous Settings	Simulation of OFAC tests.
OLDPSWDS	System Setup - Users & Permissions	Maintains old user passwords (GUI only).
ORDER_TYPES		This table stores attributes related to the transactions, which are used to identify the format and the way of processing (e.g. urgent or normal payment).
OSI_POSTING_EXT	System Setup	Posting related OSI information.

Table Name	Group/s	Table Description
OUT_FILE_BUFFERS	Queues - Mass Payments	This table accumulates payments based on the bulking profile. Once Sending Time for the payment is reached, outgoing file is generated based on the transactions accumulated. Once ICF is generated, out file id is generated for the same and record gets updated in out_file_buffers table.
PARAMCATEGORY	System Setup - Miscellaneous Settings	Parameter categories for GUI display.
PARTY_ID_ENRICHMENT	Business Setup - Routing	This table is to enables setup for the enrichment of a party field received in a payment to a different party identifier that is required for a specific MOP
PARTY_LIMITS	Liquidity	Party Limits profile attributes.
PAYMENT_ADDRESS		
PAYMENT_TYPES	Rules	Stores the list of payment types. Part of the STP Validation functionality
PDO_XML_MSG		Holds the original XML with the spaces value per BatchID.
PENDING_REQUESTS	Queues - Message Related Tables	Helper table for Interface throttling Solution. Store pending requests before released.
PENDING_SP_REQUESTS		The search platform pending requests.
POL_DEFINITION	Operations - Tasks & Events	Defines what Sender's are subject to POL checking and the POL amount and currency
POL_DYNAMIC	Operations - Tasks & Events Liquidity	Maintains the accumulated amounts against the POL of each Sender per value date
PRC_MON		The process monitor.
PREVENT_STP	Queues - Message Related Tables	Defines the special instruction/Validation text to be used as part of the rules
PROCESS_DEFINITIONS		Contains KPI Meta Data.
PRODUCT	System Setup - Users & Permissions	Products and their descriptions. Records the different products used by the system (messages are assigned to a product).
PROFILE_CTRL	GUI Management - Profile GUI	Stores definitions per the different application profiles. Some of the attributes are exposed (and some of these can also be edited e.g. whether second approval is required on changes in this profile) to the GPP GUI through the Profile Control profile
PROFILE_NAVIGATION	GUI Management - Profile GUI	Stores profile navigation information for profiles
PROFILE_SELECT_STATEMENTS	GUI Management - Profile GUI	Stores SELECT statements per profileID. Each profileID has 3 types of SELECT: for load, for list, for update

Table Name	Group/s	Table Description
PROFILE_UDFS	System Setup - Custom Fields	Stores the custom field values per profile.
PROFILE_UPDATE	GUI Management - Profile GUI Operations - Logs	Audit/approval information on Profile Changes. It stores the information about a change activity that was done on a profile including the Initiator and approver id and the relevant time stamps
PROFILE_UPDATE_ COMPLEX	GUI Management - Profile GUI Operations - Logs	Extension of the above for special cases like changes to the order of rule attachment to an object.
PROFILE_UPDATE_ DETAILS	GUI Management - Profile GUI Operations - Logs	Audit/Approval additional information on profile changes where the profile is composed of more than one table. Capture per field that was change with the update activity the old and the new value. These changes are displayed to the approver before he/she approved the change. And are available on the profile screen
PROPERTIES		Consists of customer related specific data.
PROPERTIES_META DATA		Contains the details of the server,filename which is to modify
PROPRIETARY_NCC	System Setup - Geographic Settings	Data in this table will be all valid clearing system codes with ISO & SWIFT format for each country & this will be given to bank as preload.
PROPR_CLEAR_SYS	Business Setup - Routing	Proprietary clearing system
PRULES	• Rules • Liquidity	Stores the definition of the rules that are defined in the system (System and Business)
PRULES_CONDITIO NS	Rules	Stores the process integrated rules (Defined by the use and Internal)
PRULES_FUNCTION S	Rules	Stores a list of functions used by rules.
PRULES_OPERATO RS	Rules	Stores a list of operators used by rules.
PRULE_SYS_ACTIO NS	Rules	Rules static actions (defined by the system - like ruleaction)
PRULE_TYPES	System Setup - Users & Permissions Rules	Stores all the business rule types available in the system
PRULE_TYPE_FIELD S	Rules Queues - Message Logical Fields	Stores the configuration that defines which logical fields should be available for each of the rule types.
PRULE_TYPE_LEVE L_PROFILE	System Setup - Users & Permissions Rules	Process rule types profile level definition

Table Name	Group/s	Table Description
PRULE_TYPE_PROFILES	System Setup - Users & Permissions Rules	Process rule types profiles definition
QPROFILE	System Setup - Users & Permissions	Stores all the queue types that are being included under a specific queue level profile and their read/write privileges
QUEUEGROUPS	System Setup - Users & Permissions	Stores the names of and relations between Groups of queues
QUEUE_LEVEL_PROFILE	System Setup - Users & Permissions	Stores all the existing queue level profiles for all offices. Each profile defines the queue that certain user can/cannot view.
Q_EXPLORER	Queues - Message Page	Stores the image of the queue explorer the last time the application was shutdown.
RATE_USAGE	Business Setup - Foreign Exchange	Profile which defines how to process exchange rates
REASONS	System Setup - Code Settings	User defined codes, reasons, texts. Maintains reasons for stop flags, drawdowns and message reversals
REASON_TYPES	System Setup - Code Settings	Defines the type of user codes in the Reasons table
RECON_ENTRIES		Entries from the CAMT053 file.
RECONCILIATION_EXCEPTIONS	Queues - Message Related Tables	The reconciliation process is triggered by the receipt of a statement (in the format of camt.053) from G3 after the end of a settlement cycle. The process parses the statement into separate entries, reconciles these entries with payment traffic data stored in GPP and produces a reconciliation exceptions list which is stored in this table.
RECONCILIATION_STATEMENTS		Statements from the CAMT053 file.
RELATIONTYPES	Queues - Message Related Tables	Stores the different relation types that messages can relate to one another by for example, PI^SN, In Payment^Out request for charges.
REPORTING_DATA_CONFIG	System Setup	List of tables involved in the reporting solution.
REPORT_SENDING_PREFERENCES		Status report sending preferences.
RMA_PROFILE	Business Setup - Routing	Defines to which institutions (BIC8s) GPP can send traffic to via SWIFT network
RTGS_REPORT_DETAILS		Child table for the latest RTGS Balance Report detailing the balance figures for a specific settlement account.
RTGS_REPORT_HEADER		Parent table for the latest RTGS Balance Report information provided by an RTGS for a specific settlement account.
SCHEME_MOPS	Business Setup - Routing Mass Payments	SCHEME_MOPS is a system table. The main purpose of the table is to indicate the association between a Scheme, Scheme type and MOP. Multiple scheme types can be associated with a scheme and multiple MOPs can be associated with a scheme type. The scheme/scheme

Table Name	Group/s	Table Description
		type/MOP combination is always unique. For example in SEPA: • The scheme is SDD (SEPA Direct Debits) • Associated scheme types are CORE and B2B • MOPs associated with CORE (e.g. SDDST2B2C, SDDEQNB2C) and B2B (e.g. SDDST2B2B, SDDEQNB2B) The table must be provided as part of the SDD delivery, must contain all direct debit MOPs and their association to the relevant scheme/scheme type and must be updated if new direct debit related MOPs are added.
SD_ACTION_TYPES	GUI Management - Profile GUI	Stores actions that will affect the destination fields from the previous table. It has a relation of 1:1 with SD_DESTINATIONS table, meaning that an action can occurred on a single destination field. The separation of the data between SD_DESTINATIONS table and this table is because we want to create an actions template for reuse and then attach them to destination
SD_CONDITIONS	GUI Management - Profile GUI	Maps conditions to destinations. A single condition might be mapped to multiple destinations. Has a relation of 1:N with SD_SOURCE_FIELDS table. Meaning that there might be several fields in a profile that are connected to the same condition.
SD_DESTINATIONS	GUI Management - Profile GUI	Maps a destination id and a field to an action on this field. Has a relation of N:1 with SD_CONDITIONS table, meaning that a condition result might affect multiple fields.
SD_FIELDSALIAS	GUI Management - Profile GUI	Defines the generic (default) attributes of all static data application profile fields; This table does not relate to a specific profile ID. Specific, overriding, definitions per profile are included in the SD_PROFILE_FIELDS table.
SD_PROFILES	GUI Management - Profile GUI System Setup - Custom Fields	Defines additional static data regarding application profiles, (aside for the one defined in PROFILE_CTRL, which is a table that exists from before the J2EE development phase); e.g. client JSP file name.
SD_PROFILE_BUTT ONS	GUI Management - Profile GUI	Defines all static data regarding all application profile buttons; this table does not relate to a specific profile ID; it is done in the SD_PROFILE_BUTTONSSETTING table.
SD_PROFILE_BUTT ONSSETTING	GUI Management - Profile GUI	Defines, along with SD_PROFILE_BUTTONS, static data regarding all application profile buttons
SD_PROFILE_FIELD S	GUI Management - Profile GUI	Defines for each profile ID in the system, all the fields with in it along with the dynamic data of the field in the context of that profile ID, (e.g. state, mandatory); a single field can appear in 1 to n profiles, where in each profile its runtime behavior can be different.
SD_PROFILE_MAST ER_TABLE	GUI Management - Profile GUI	Defines for each profile ID its master table.
SD_PROFILE_RELAT IONS	GUI Management - Profile GUI	Defines inheritance between profiles.

Table Name	Group/s	Table Description
SD_PROFILE_TABS	GUI Management - Profile GUI	Defines all static data regarding all application profile tabs; this table does not relate to a specific profile ID; it is done in the SD_PROFILE_TAB_PROPERTIES table.
SD_PROFILE_TAB_P ROPERTIES	GUI Management - Profile GUI	Defines for each profile ID in the system, all the tabs with in it, (if the profile holds tabs), along with the dynamic data of the tab in the context of that profile ID, (e.g. state, caption); a single tab can appear in 1 to n profiles, where in each profile its runtime behavior can be different.
SD_SOURCE_FIELD S	GUI Management - Profile GUI	Stores the fields that changing their values can cause to an action. Maps between a profile and a field to condition id. There might be several fields on the same profile that will be mapped to the same condition.
SELF_LEARN_PENDI NG_RULES	Rules	Self-learn pending rules
SERVICE_MESSAGE S	Queues - Message Related Tables	Stores all the service messages received from G3; the communication protocol with G3 includes several messages in ISO format of ADMI_004. These messages deliver all kinds of information updates about the G3 system and members. Some messages inform of the G3 system status (on-line or not), or specific members status. Other messages inform the bank on changes in the system parameters. For example, change in currency limit.
SLA_PROFILE	Business Setup - Processing	Service level agreement profile contains a list of payment processing constraints. Example: Process the payment within 90 minutes from receipt (As long as the receipt time is after 8:00). GPP can activate an alert when the SLA is about to be violated (in cases where the payment is dropped to one of the manual queues) so that the operators can take steps to speed up the payment processing. SLA may be associated with the debit party credit party or the processing office. When multiple SLA profiles are found, the soonest/urgent constraint is taken.
SPREAD_DETAILS	Business Setup - Foreign Exchange	Stores customer specific spread percentage.
STANDING_ORDER	Queues - Message Related Tables	A payment initiation profile that defines when the message is created and from which template.
STANDING_ORDER_ PATTERNS	Queues - Message Related Tables	A profile that defines the reoccurrence pattern of a Standing Order profile.
STATEMENTS_BUFF ER		Hold buffer of the CAMT and MT94X before transmission.
STATIC_DATA_REFR ESH	GUI Management - Profile GUI	Allows for selective static data refresh. See Detail Design - LONCR101_Apply changes.doc
STATIC_DATA_UNIQ UE_TABLE_KEYS	GUI Management - Profile GUI	Stores the definition of the structure of the UID fields in the different tables. Code is using this table when constructing the value to be saved in a UID column

Table Name	Group/s	Table Description
STATUSES	System Setup - Users & Permissions	Defines the attributes of all possible statuses that can be assigned to a message in the system.
STATUSES_CONTEXT	System Setup - Users & Permissions	Defines list of statuses available for selection in static data profiles
STOP_FLAGS	Business Setup - Business Entities Business Setup- Processing	Stores Stop Flag Profiles
SUP_DATA_CONTRACT		Includes general details of the contracts for supplementary data added to enrich messages/files when used between sender system/party receiver system/party.
SUP_DATA_CONTRACT_ELEMENT		Includes the details of the different elements belonging to a contract of supplementary data added to enrich messages/files when used between sender system/party receiver system/party. Each element enriches a specific ISO tag, and includes a reference to a specific schema defining its inner structure.
SWIFT_ID	Business Setup - Business Entities Liquidity	Own Identifiers (BIC, ABA, PN) Settlement Account. Maintains S.W.I.F.T. identification information for the bank, the Central Bank Settlement account, the Clearing account, and the default fee account. The BIC profile
SYST_PAR	Operations - Tasks & Events System Setup - Miscellaneous Settings	System parameters (options)
TASKS	Operations - Tasks & Events	Stores all the tasks names and their codes that can be activated in GPP
TASKS_SCHEDULER	Operations - Tasks & Events	This table is for capturing the association of tasks to the scheduler script.
TASKS_SCHEDULER_LINES	Operations - Tasks & Events	Tasks scheduler lines.
TASKS_SETTINGS	Operations - Tasks & Events	The table is used for capturing saved tasks for configuration purposes.
TEMPLATE_SET	Queues - Message Related Tables	Stores all the template sets per party.
TEMPLATE_SET_ASSIGN	Queues - Message Related Tables	This table holds the association/disassociation of templates to a template set.
TEMPLATE_UNCHANGED_FIELDS	Queues - Message Related Tables	Template unchanged fields
TEST_LIVE_BIC_TRANSL		Translating test BICs from/to Live BICs.

Table Name	Group/s	Table Description
TIME_ZONES	System Setup - Geographic Settings	Stores TIME_ZONES profile entries
TRANSACTION_CODE	System Setup - Code Settings	In support of Transaction Code Profile.
UDFS	System Setup - Custom Fields	Stores the definitions of the custom fields setup as additional attributes of specific profiles
UIDACCT	Queues - Message Related Tables	UID directory. CHIPS UIDs, BICs and account numbers.
UPLOAD_TMP_PKS		Hold temporary PKs that should not be deleted during upload.
USERS	System Setup - Users & Permissions Operations - Logs	Stores all the usernames that can log in to GPP system and their attributes. Maintains detailed information and security levels for User Level profiles
USER_ALERTS	System Setup - Users & Permissions	The Alerts that a user choose to view out of all his permitted alerts
USER_AMOUNT_LIMIT		Limit Profile details - multiple rows are associated with a single LIMIT_LEVEL_PROFILE row.
USER_BUSINESS_AREAS	System Setup - Users & Permissions	The Business Area that a user allowed to work on
USER_ENTITLEMENT	System Setup - Users & Permissions	Stores all the entitlement profile names that groups the different level profiles in the system
USER_PREFERENCE	System Setup - Users & Permissions	Stores the user personal data (preferences, favorites).
USER_QUEUE_PREFERENCES	System Setup - Users & Permissions	Stores the user preferences as per the view of the different queue lists - list of columns displayed, their order, and columns' width and so on.
USER_SHORTCUTS	System Setup - Users & Permissions	Stores user defined keyboard shortcuts
USER_VACATION	System Setup - Users & Permissions	Maintains User Vacation dates during which time users cannot access Global PAYplus
USERS_EXTRA_DATA		Data customized by each user (toolbar, windows positions etc.). Stores information about the user preferences like columns orders, sorts, column preferred sizes, etc.
VALUE_DATE_INFO	System Setup - Geographic Settings	Value date determination profile which allows to set the processing, debit, credit and release VDs.
VENDOR_CODES	System Setup - Code Settings	A unique reference number assigned by the bank's clients to their own customers.

Table Name	Group/s	Table Description
VERSION	System Setup - Miscellaneous Settings	Current version of GUI, database
VIRTUAL_ACCOUNTS		The virtual accounts table.
XML_DOCUMENT_TYPES	Queues - Message Logical Fields	Defines the available Xml Document Types supported by the GPP Application
XML_FORMAT_TYPE_RELATIONS	Queues - Message Logical Fields	Used for two different purposes: • For the definition of logical fields (elements and trees) that should be used within an interface file - all entries with the Format_Type defined for that interface file in Interfce_Types table (Request_Format_Type and Response_Format_Type). • As an extension of the Logical_Fields_Xpath table for SWIFT parsing - to identify which logical fields are included or excluded from the parsing from the different Swift message types. In this case the XML_Type would be SWIFT and the Format_Type would be the Swift message type.

1.2.2.2   GPP D+H Internal Tables

These tables, which are available in the database, are D+H Internal Tables.

Table Name
1.   CACHE_CHILDREN_CONFIG
2.   CACHE_CONFIG
3.   CACHE_OBJECTS
4.   CACHE_PRULE_TYPE_FIELDS
5.   COUNTER_SPOOL
6.   CREATE$JAVA$LOB$TABLE
7.   EBA_IP_ERRORBICSTORE
8.   FIELDSALIAS2FIELDS_DEFINITION
9.   FILE_SUBSET_CHUNKS_SPOOL
10. FILE_VALIDATION_SUBSET_CHUNKS
11. MEMBERSHIP_TMP
12. MICROSOFTDTPROPERTIES
13. MSHIP_BACKUP
14. MYBKP
15. MYMID2
16. MYMIDTIME
17. MYTMP
18. NCC_BACKUP
19. PLAN_TABLE

Table Name
20. RESOURCE_TYPES
21. SEMAPHORE
22. SEQUENCE_HOLDER
23. SQL_RESOURCE
24. STRINGRESOURCE
25. TABLE_IND_COLUMNS
26. TEMP_SSI_UPLOAD
27. TEMP_MEMBER
28. Test_RULES
29. TMP_ACCUITY_IBANROUT
30. TMP_ACCUITY_INTLROUT
31. TMP_ACCUITY_RTSUBASE
32. TMP_ACCUITY_TBLABRAN
33. TMP_ACCUITY_TBLROUTA
34. TMP_BICPLUSSERVICES
35. TMP_BICPLUS_UPLOAD
36. TMP_BICPLUS_UPLOAD_CT
37. TMP_BICPLUS_UPLOAD_CU
38. TMP_BICPLUS_UPLOAD_IBAN
39. TMP_CHIPS_NATS_UPLOAD
40. TMP_CHIPS_UIDACCT_UPLOAD
41. TMP_DATA_CHANGES
42. TMP_DEVART_MANDATE
43. TMP_EBA_SCT_DP
44. TMP_EBA_SCT_IP
45. TMP_EBA_SDD_DP
46. TMP_FED_ABA_UPLOAD
47. TMP_FEDACH_ABA_UPLOAD
48. TMP_SWIFTREF_IBANPLUS
49. TMP_SWIFTREF_IBANSTRUCTURE
50. TMP_SWIFTREF_SEPAROUTING
51. TMP_VENDOR_CODES_UPLOAD
52. TMP_REFDATA
53. TMP_RMA
54. TMP_SEPA
55. TMP_SD_PROFILE_FIELDS
56. TMP_SWIFTREF_BDP
57. TMP_TARGET2_DIRECTORY
58. TMP_VENDOR_CODE
59. Q_EXPLORER_DELTA_REFRESH

Table Name
60. QUERIES_TMP
61. UPGD_DATA
62. UPGD_DATA_COLUMNS
63. VERSION_HISTORY

1.2.2.3   Not In Use Tables

These tables, which are in the database, are not used by GPP.

Table Name
1.   ACC_POS
2.   ADVISE_GLOBAL_SUPPRESS
3.   ADVISING_PARTIES
4.   ADV_210_REPORT
5.   AF_PAY_GROUP_MAN_MIDS
6.   AF_PAY_GROUPING
7.   AKA
8.   BATCH_BULKING_PROFILE
9.   BILATERALKEY
10. BNF_NAME_CONV
11. CONTACTS
12. COUNTRY_SVD
13. CR_PPROFILE
14. CUSTSPECIALPROC
15. DAILY_LIMIT
16. DIRECT_DEBITS
17. DR_PPROFILE
18. DUPLICATE_CHECK
19. EXTERNAL_ACCOUNTS_ALIAS
20. EXCEPTION_ACCOUNTS
21. EXT_AUTH_KEYS
22. EXT_AUTH_MSGS
23. FGA_MESSAGE_FIELDS_GRP_PROPERT
24. GENERAL_NUMERATORS
25. GLOBAL_DEBIT_AUTHORISATION
26. INTER_OFFICE
27. LANG_TABLES_DEFINITION
28. LANGUAGE_TEXTS
29. LIMIT_DYNAMIC
30. LIMIT_HISTORIC

Table Name
31. MAPPING
32. MENUS
33. MENU_GENERAL_ITEMS
34. MENU_ITEMS
35. MEDIA_TEMPLATES
36. MENU_RELATIONS
37. MESSAGEFUNCTIONS
38. MEMBERSHIP_BACKUP
39. MODULESALIAS
40. MONITOR_DISABLE_FILEDS
41. MP_FLOWS
42. MSG_ACC_DETAILS
43. MSG_BATCH
44. MSG_TAGS
45. NAME_ADDRESS_POPUL
46. PANELSPROPERTIES
47. PARAMUNITS
48. PARTNER_PHYSICAL_END
49. PARTNER_SINGLE_INST
50. PLSQL_PROFILER_RUNS
51. PROFILE_CHILD_TABLES
52. QLIST_TOOLBAR_BUTTONS
53. Q_LIST_ACTIONS
54. RELEASE_BANDS
55. REPORTS_MENU
56. RM_PROFILE_RELATED_TABLE
57. ROUTES
58. SCRIPTS
59. SCRIPTSTASKS
60. SOURCE
61. SWFPRTNR
62. SWFPRTNR_CTRS
63. SWF_MSGCOM
64. SWIFTMSG
65. TERMINLS
66. TOTALS_ACTIONS
67. TRANS_CODE_NARRATIVES
68. UIDACCT_ORDER
69. UIDACCT_ORDER_MASTER
70. TRANS_CODE_NARRATIVES

Table Name
71. USER_TEMPLATES
72. WEB_PROFILE_LOCK
73. WEB_SESSION_INFO
74. WEB_SESSION_QUEUE_INFO
75. WRONG_RULES_SETUP
76. XML_DOCUMENT_TYPES_USAGE

2   Entity Relationship Diagrams (ERD)

The ERD describes the relationship between the GPP database tables.

2.1   Legend

The ERD diagrams use the crow's feet notation to represent the relationship between the database tables.

Components used in the ERD:

- **Relationship:** Illustrates an association between two entities.
- **Cardinality of Relationship:** Cardinality and Modality are the indicators of the business rules around a relationship.
  - o Cardinality refers to the maximum number of times an instance in one entity can be associated with instances in the related entity.
  - o Modality refers to the minimum number of times an instance in one entity can be associated with an instance in the related entity.

Cardinality can be one or many and the symbol is placed on the outside ends of the relationship line, closest to the entity, Modality can be 1 or 0 and the symbol is placed on the inside, next to the cardinality symbol.

- o For a cardinality of 1 a straight line is drawn.
- o For a cardinality of many a foot with three toes is drawn.
- o For a modality of 1 a straight line is drawn.
- o For a modality of 0 a circle is drawn.

Cardinality and modality are indicated at both ends of the relationship line. Once this has been done, the relationships are read as being 1 to 1 (1:1), 1 to many (1:M), or many to many (M:M)
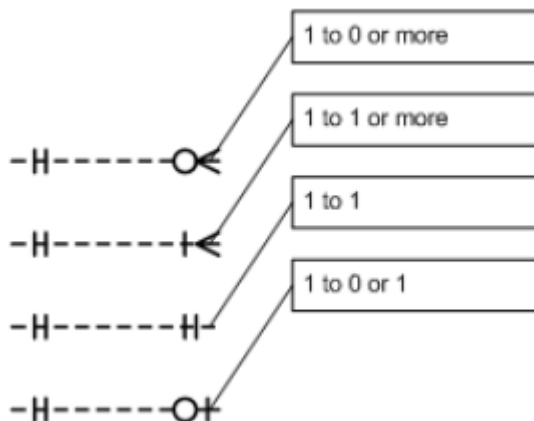
Example:

When this is the relationship between MINF and MSG_FEES, it means that one MINF record can have zero or many matching entries in MSG_FEES (a message can have no fees or it can have one or more fees).

MINF	
PK,I1,U1,I2,I11,I9	**P_MID**

MSG_FEES	
PK,FK1	MID
PK	APPLY
PK	FEE_TYPE_UID
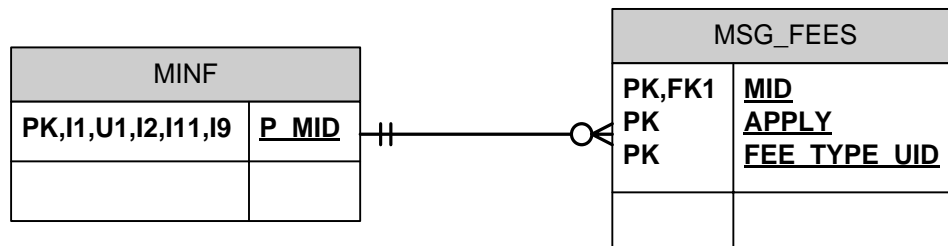
- Types of relationship:

  o **Identify Relationship:** Often referred to as a strong relationship. The Foreign Key (FK) of the related table is also involved in its Primary Key (PK), along with being the PK of another table (solid line in Crow's).
    For example, in the Fees diagram, MSG_FEES PK is a composite of MID, APPLY, FEE_TYPE_UID and it has a FK to FEE_TYPES on FEE_TYPE_UID.

  o **Non-identify Relationship:** Often referred to as a weak relationship. The Foreign Key (FK) and only the FK of the related table is the Primary Key (PK) of another table.
    For example, in the Business Entities diagram, Accounts has FK to BANKS on office. Since the PK of ACCOUNTS is UID_ACCOUNTS, and the PK of BANKS is OFFICE, then this is a non-identify link.

3   Data Dictionary

GPP V4.6 Data
Dictionary.xlsx

Note: To view the Data Dictionary in PDF format select the attachment icon.