



Global PAYplus Version 4.6.2

# **Fndt Message Usage for Posting Interface**

Technical Guide

## **Copyright**

© 2009-2016 D+H Global Transaction Banking Solutions. All rights reserved. D+H is a trademark of D+H Limited Partnership.

**PROPRIETARY AND CONFIDENTIAL** - This document contains information, which contains Confidential and Know How property of D+H. Disclosure to or use by persons who are not expressly authorized in writing by D+H is strictly prohibited.

D+H reserves the right to alter the specifications and descriptions in this publication without prior notice. No part of this publication shall be deemed to be part of any contract or warranty unless specifically incorporated by reference into such contract or warranty.

All brand or product names are the trademarks or registered trademarks of their respective holders.

The information contained herein is merely descriptive in nature, and does not constitute a binding offer for the license of the product described herein.

Catalog ID: GPP4.6-00-T24-05-201603

**Version Control**

Version	Date	Summary of Changes
1.0		Document created
2.0		Minor changes in tags and their descriptions Examples added to Appendix C
3.0	June 2014	Updated XML formatting issues in the examples in Appendix C
4.0	October 2015	Updated formatting and renamed Fndt Message
5.0	February 2016	Updated with some additional instructions for Response

## Table of Contents

<b>1</b>	<b>INTRODUCTION.....</b>	<b>5</b>
1.1	Overview.....	5
1.2	About This Guide .....	5
1.3	Background.....	5
1.4	Scope .....	5
1.5	References.....	5
<b>2</b>	<b>INTERFACE STRUCTURES .....</b>	<b>6</b>
2.1	Posting Request.....	6
2.1.1	Detailed Structure when using Minimal Scope .....	7
2.2	Posting Response .....	20
2.2.1	Detailed Structure when using Minimal Scope .....	22
<b>3</b>	<b>USAGE .....</b>	<b>41</b>
	<b>APPENDIX A: GLOSSARY OF TERMS.....</b>	<b>42</b>
	<b>APPENDIX B: CONVENTIONS.....</b>	<b>44</b>
	<b>APPENDIX C: EXAMPLES OF REQUESTS AND RESPONSES.....</b>	<b>46</b>
	C.1 Posting Request.....	46
	C.2 Successful Posting Response.....	50
	C.3 Failed Posting Response.....	51

# 1 Introduction

Note: This document has not yet been certified for GPP V4.6; therefore, there may be inaccuracies in this document that may require amendments in the future. For more information, please contact your D+H Project Manager.

## 1.1 Overview

This guide describes GPP's standard usage of the Fndt (FuNDs Transfer) Message for the Posting interface. This interface between GPP and the financial institution HOST system is responsible for providing posting information to the HOST.

Detailed in this document is the interface structure of the Posting interface Request and Response:

- Posting Request (outward from GPP's perspective, to the financial institution's HOST)
- Posting Response (inward to GPP's perspective, from the financial institution's HOST)

The processing, manual handling and configuration required around posting are not detailed in this document. For more details refer to the GPP Business Guide Posting.

## 1.2 About This Guide

Information is provided for clients implementing a Posting interface with Global PAYplus (GPP), using the GPP Fndt (FuNDs Transfer) Message Format as the base for providing transaction and posting information, and response for providing posting success/failure information.

## 1.3 Background

A standard interface was defined to streamline the process of integrating GPP with various existing systems in a bank or financial institution. In addition to providing additional fields for GPP processing, this structure supports the use of ISO 20022 or SWIFT messages embedded in the structure.

When a message is received as a SWIFT message it is included within the Fndt Message within a GPP specific wrapping XML structure, with the original text in one tag and a structured list of attributes as additional and separate tags.

## 1.4 Scope

The guide covers only the structure and mapping aspects. The rest of the functionality is described in the GPP Business Guide Posting document.

## 1.5 References

For more information about the GPP Fndt Message structure, see GPP Technical Guide Fndt Message Format.

For more information about the posting logic and functionality around it, see GPP Business Guide Posting.

## 2 Interface Structures

Note: The shading in the detailed tables in this document marks tags, which represent subtree parents, for example, tags in level 1, 2, where leaf tags in level 3 exist under the level 1 and 2. Each level has a different shade, with the first (1) being the darkest shade and gradually getting lighter through the levels.

For examples of the different requests and responses for different scenarios, see [Appendix C: Examples of Requests and Responses](#).

### 2.1 Posting Request

The following sections from the full Fndt (FuNDs Transfer) Message structure are the minimal scope to be included when it is used as a Posting Request (additional sections can be configured to be included, if required).

Note: The Pmnt section appears in the below minimal scope, as it is recommended for readability. However, it can be excluded.

Level 1	Level 2	Level 3	Level 4	Level 5	Description
FndtMsg					
	Header				General identifying attributes
	Msg				Transaction message and extension
		Pmnt			Pmnt quotes the transaction (whether it is ISO based pain / pacs or a SWIFT message embedded within the GPP proprietary XML structure). For more information, see <i>GPP Technical Guide Fndt Message</i> document.
		Extn			
			Processing Persistent Info <sup>1</sup>		
				DebitSide	Debit Side Persistent Info
				CreditSide	Credit Side Persistent Info
			MsgPosting		Message Posting Information

<sup>1</sup> Not in the minimal scope, but included mainly for FX information that may be used in HOST

### 2.1.1 Detailed Structure when using Minimal Scope

For defining Presence and Format, use the convention in [Appendix B: Conventions](#).

Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/Into GPP Table and Field
FndtMsg	1		+										[1..1]	Fndt (FuNDs Transfer) Message			
Header	2			+									[1..1]	Header			
contextName	3				+								[0..1]	Context Name	Generic field to add information regarding the specific usage. <b>Note:</b> Specifically for the usage for Posting request – the value can be 'Posting.'	Text {1,n}	Populate with "Posting"
p:contextLocalName	3				+								[0..1]	Context Local Name	Generic optional field to add regarding the specific usage, but using the financial institution's system terminology naming, in case such a local name exists and is required for the identification on the financial institution's side.	Text {1,n}	If required – populate with specific local context string
credentials	3				+								[0..1]	Credentials	Credentials when required.		
UserID	4					+							[0..1]	User ID	User ID	Text {1,8}	Populate with <a href="#">User Id</a>
Role	4					+							[0..1]	Role	Role	Text {1,50}	Populate with <a href="#">User Role</a>
D_SKIP_PERSIST_ON_ERROR	3				+								[0..1]	Skip Persist On Error Indicator	An indication whether to store the transaction details when an error or errors are found.	[1,0] {1, 1}	Populate with 0 <sup>2</sup>
Workflow	3				+								[0..1]	Workflow	Defined for mass processing. The valid values are: Template, File, or Swift.	Text {1,50}	Populate with - TBD

<sup>2</sup> Not skip the saving of the message in case of error invoking the Account Lookup request

P_MID	3			+									[0..1]	GPP Message Identifier	The Internal GPP message Identifier.	Text {1,16}	Map from P_MID (logical field P_MID)
deliveryTimestamp	3			+									[0..1]	Deliver Timestamp	The Timestamp when the request was created.	ISO Date Time	Populate with <a href="#">Office Date Time</a>
P_INIT_SRC_ID	3			+									[0..1]	Initiating Source System Id	The ID of the source system initiating the request/response.	Text {1,50}	Populate with 'GPP'
EventID	3			+									[0..1]	Event ID	Unique 16 character event ID generated for each interface request. This ID is used to identify a resent request (EventID is as in the original request), from a new request issued due to force or retry (EventID quotes a new value).	Text {1,16}	Map from D_MEI_EVENT_ID if the INTERFACE_TYPES.EVENT_ID_GENERATION is configured with 1 for the INTERFACE_TYPE entry for this request.
Msg	2			+									[1..1]	Message			
Pmnt	3			+									[0..1]	Transaction	ISO or SWIFT message text that is stored in an XML structure in the XML_MSG.		The entire transaction is mapped from MINF.XML_MSG
EXtn	3			+									[1..1]	Extension			



ProcessingPersistentInfo	4					+							[1..1]	Processing Persistent Info	Transaction derived attributes relevant to the transaction information. <b>Note:</b> This section includes optional additional information that is not part of the minimal scope, but may be required in some case, for instance for rechecking the FX calculations. <b>Note:</b> Although the quote of the different accounts to be posted (principal debit/credit accounts and fee accounts) is included in this section in the full Fndt Message structure, in the minimal scope for this usage, these accounts are quoted within <MsgPosting> sub-tree. The sub-tree includes all the Posting information, information sent to HOST and information received back from HOST.		
CreditSide	5					+							[0..1]	Credit Side Persistent Info	Information on the Credit side.		
P_CDT_MID_RATE	6						+						[0..1]	Credit Mid Rate	The credit side mid rate used to compute the base amount of the credit side FX calculation, if FX was involved in this transaction.	fractionDigits 10 totalDigits 18	Mapped from MINF.P_CDT_MID_RATE (logical field P_CDT_MID_RATE)
P_CDT_RATE	6						+						[0..1]	Credit Rate	The credit side rate used for the credit side FX calculation, if FX was involved in this transaction.	fractionDigits 10 totalDigits 18	Mapped from MINF.P_CDT_RATE (logical field P_CDT_RATE)
P_CDT_RATE_USAGE_NM	6						+						[0..1]	Credit Rate Usage Name	The name of the Rate Usage profile selected to be used for credit side FX calculation, if FX was involved in this transaction.	Text {1,40}	Mapped from MINF.P_CDT_RATE_USAGE_NM (logical field P_CDT_RATE_USAGE_NM)
P_CDT_SPREAD	6						+						[0..1]	Credit Spread	Credit spread, the max difference in rate between the standard (or quoted) rate and the rate given to the customer on the credit side.	fractionDigits 3 totalDigits 18	Mapped from MINF.P_CDT_SPREAD (logical field P_CDT_SPREAD)

P_CDT_CROSS_CONV	6							+					[0..1]	Credit Cross Conversion Indicator	An indicator whether cross conversion was required for the credit side FX calculation, if FX was involved in this transaction.	[1,0] {1, 1}	Mapped from MINF.P_CDT_CROSS_CONV (logical field P_CDT_CROSS_CONV)
P_CDT_TRIANGULATION_CCY	6							+					[0..1]	Credit Triangulation Currency	The triangulation currency used for cross conversion credit side FX calculation, if cross conversion FX was involved in this transaction.	[A-Z] {3, 3}	Mapped from MINF.P_CDT_TRIANGULATION_CCY (logical field P_CDT_TRIANGULATION_CCY)
P_CDT_AMT_STEP1	6							+					[0..1]	Credit Amount Step1	The amount calculated on the first step of the cross conversion credit side FX calculation, if cross conversion FX was involved in this transaction.	fractionDigits 3 totalDigits 18	Mapped from MINF.P_CDT_AMT_STEP1 (logical field P_CDT_AMT_STEP1)
P_CDT_RATE_STEP1	6							+					[0..1]	Credit Rate Step1	The rate used on the first step of the cross conversion credit side FX calculation, if cross conversion FX was involved in this transaction.	fractionDigits 10 totalDigits 18	Mapped from MINF.P_CDT_RATE_STEP1 (logical field P_CDT_RATE_STEP1)
P_CDT_RATE_STEP2	6							+					[0..1]	Credit Rate Step2	The rate used on the second step of the cross conversion credit side FX calculation, if cross conversion FX was involved in this transaction.	fractionDigits 10 totalDigits 18	Mapped from MINF.P_CDT_RATE_STEP2 (logical field P_CDT_RATE_STEP2)
DebitSide	5							+					[0..1]	Debit Side Persistent Info	Information on the Debit side.		
P_DBT_MID_RATE	6							+					[0..1]	Debit Mid Rate	The debit side mid rate used to compute the base amount of the debit side FX calculation, if FX was involved in this transaction.	fractionDigits 10 totalDigits 18	Mapped from MINF.P_DBT_MID_RATE (logical field P_DBT_MID_RATE)
P_DBT_RATE	6							+					[0..1]	Debit Rate	The debit side rate used for the debit side FX calculation, if FX was involved in this transaction.	fractionDigits 10 totalDigits 18	Mapped from MINF.P_DBT_RATE (logical field P_DBT_RATE)
P_DBT_RATE_USAGE_NM	6							+					[0..1]	Debit Rate Usage Name	The name of the Rate Usage profile selected to be used for debit side FX calculation, if FX was involved in this transaction.	Text {1,40}	Mapped from MINF.P_DBT_RATE_USAGE_NM (logical field P_DBT_RATE_USAGE_NM)

P_DBT_SPREAD	6							+					[0..1]	Debit Spread	Debit spread - the max difference in rate between the standard (or quoted) rate and the rate given to the customer on the debit side.	fractionDigits 3 totalDigits 18	Mapped from MINF.P_DBT_SPREAD (logical field P_DBT_SPREAD)
P_DBT_CROSS_CONV	6							+					[0..1]	Debit Cross Conversion Indicator	An indicator whether cross conversion was required for the debit side FX calculation, if FX was involved in this transaction.	[1,0] {1, 1}	Mapped from MINF.P_DBT_CROSS_CONV (logical field P_DBT_CROSS_CONV)
P_DBT_TRIANGULATION_CCY	6							+					[0..1]	Debit Triangulation Currency	The triangulation currency used for cross conversion debit side FX calculation, if cross conversion FX was involved in this transaction.	[A-Z] {3, 3}	Mapped from MINF.P_DBT_TRIANGULATION_CCY (logical field P_DBT_TRIANGULATION_CCY)
P_DBT_AMT_STEP1	6							+					[0..1]	Debit Amount Step1	The amount calculated on the first step of the cross conversion debit side FX calculation, if cross conversion FX was involved in this transaction.	fractionDigits 3 totalDigits 18	Mapped from MINF.P_DBT_AMT_STEP1 (logical field P_DBT_AMT_STEP1)
P_DBT_RATE_STEP1	6							+					[0..1]	Debit Rate Step1	The rate used on the first step of the cross conversion debit side FX calculation, if cross conversion FX was involved in this transaction.	fractionDigits 10 totalDigits 18	Mapped from MINF.P_DBT_RATE_STEP1 (logical field P_DBT_RATE_STEP1)
P_DBT_RATE_STEP2	6							+					[0..1]	Debit Rate Step2	The rate used on the second step of the cross conversion debit side FX calculation, if cross conversion FX was involved in this transaction.	fractionDigits 10 totalDigits 18	Mapped from MINF.P_DBT_RATE_STEP2 (logical field P_DBT_RATE_STEP2)
MsgPosting	4						+						[1..1]	Message Posting			
M_POSTING_INFO_LINE	5							+					[1..n]	Posting Information Line	Each occurrence populated with the attributes of a separate Msg_Posting entry per this P_MID.		

F_POSTING_INF O_POSTING_REQ_ID	6							+					[1..1]	Posting Request Id	A unique Id of the posting request that includes the following multiple posting entries. <b>Note:</b> Although this is one value for all the posting entry occurrences – due to technical implications – it is quoted in the Fndt Message structure as in the Db Msg_Posting table ifor each occurrence.	Text {1,50}	Map from Msg_Posting.Posting_Reqst_Id
F_POSTING_INF O_POSTING_ENTRY_ID	6							+					[1..1]	Posting Entry Id	A unique Id of the posting entry.	Text {1,16}	Map from Msg_Posting.Posting_Entry_Id
F_POSTING_INF O_IS_REVERSAL_IND	6							+					[0..1]	Reversal Indicator	An indicator whether the posting entry is a reversed posting of another original posting entry.	[0,1] {1, 1}	Map from Msg_Posting. Is_Reversal_Ind
F_POSTING_INF O_RVRSD_ORIG_NTRY_ID	6							+					[0..1]	Reversed Entry ID	In the original posting entry this tag quotes the reversed posting entry ID. In the reversed posting entry this tag quotes the posting entry ID of the original posting entry that is being reversed. <b>Note:</b> When the first step accounting is a lump sum (on the S): <ul style="list-style-type: none"> <li>Only in the reversed posting entries of the individual messages, the original posting is quoted.</li> <li>This tag is not quoted in the original lump posting entry, as there is a relation of 1:n between the original posting entry (on the S) and the possible reversed (per Individual)</li> </ul>	Text {1,16}	Map from Msg_Posting.Reversed_Posting_Entry_Id

F_POSTING_INF O_POSTING_TYP E	6							+					[1..1]	Posting Type	<p>The entry posting type, can have the following values (setup in Fields_Values for Field_Type='POSTING_TYPE'):</p> <ul style="list-style-type: none"> <li>• MAIN_CR – principle credit amount</li> <li>• MAIN_DR – principle debit amount</li> <li>• FEE_CR – fees on credit side customer</li> <li>• FEE_DR – fees on debit side customer</li> <li>• PNL_DR – amount in P&amp;L account for fees on debit side</li> <li>• PNL_CR – amount in P&amp;L account for fees on credit side</li> <li>• AGT_FEE_DR – agent fees on debit side customer</li> <li>• AGT_PNL_DR – amount in P&amp;L account for agent fees</li> <li>• MAIN_GROSS_CR - Gross principle (no fee deduction) credit amount on debit side</li> <li>• SA_CRSS_BOOK_MAIN_CD T_SD – Principal amount-cross-booking-systems balancing on credit side system</li> <li>• SA_CRSS_BOOK_MAIN_DB T_SD – Principal amount-cross-booking-systems balancing on debit side system</li> <li>• SA_CRSS_BOOK_FEE_CDT _SD – Fee amount-cross-booking-systems balancing on credit side system</li> <li>• SA_CRSS_BOOK_FEE_DBT _SD – Fee amount-cross-booking-systems balancing on debit side system</li> </ul>	Text {1,30}	Map from Msg_Posting.Posting_Type
-------------------------------------	---	--	--	--	--	--	--	---	--	--	--	--	--------	--------------	---	-------------	-----------------------------------

															<ul style="list-style-type: none"><li>SA_FX_BAL_MAIN_CDTCCY– Principal amount-FX balancing on credit CCY</li><li>SA_FX_BAL_MAIN_DBTCCY– Principal amount-FX balancing on debit CCY</li><li>SA_FX_BAL_FEE_CDTCCY– Fee amount-FX balancing on credit (PNL) CCY</li><li>SA_FX_BAL_FEE_DBTCCY – Fee amount-FX balancing on debit (Fee) CCY</li></ul>		
F_POSTING_INF O_OFFICE	6							+					[1..1]	Office	The office of the transaction.	[A-Z0-9]{3, 3}	Map from Msg_Posting.Office
F_POSTING_INF O_CR_DR_FLAG	6							+					[1..1]	Credit/Debit Flag	The action of this posting – CR/DR.	[A-Z0-9]{2, 2}	Map from Msg_Posting.Cr_Dr_Flag
F_POSTING_INF O_ACCNO	6							+					[1..1]	Posting Account Number	The account the posting is on.	Text {1,34}	Map from Msg_Posting.Acc_No <sup>3</sup>
F_POSTING_INF O_ACCT_TP	6							+					[0..1]	Posting Account Type	The type of the account the posting is on. <b>Note:</b> The source for this attribute is either the Accounts.Acc_Type for accounts managed within GPP, or the account type returned via the Account Lookup service/interface.	Text {1,10}	Map from Msg_Posting.Acc_Type

<sup>3</sup> It is assumed that the Msg\_Posting.Acc\_No is already populated with the correct full format of the account as it is used for processing in GPP

F_POSTING_INF O_CURRENCY	6							+					[1..1]	Posting Account Currency	The currency account the posting is on. <b>Note:</b> The source for this attribute is either the Accounts.Currency for accounts managed within GPP, or the account currency returned via the Account Lookup service/interface.	[A-Z] {3, 3}	Map from Msg_Posting.Acc_Ccy
F_POSTING_INF O_ACC_OFFICE	6							+					[0..1]	Posting Account Office	The type of the account the posting is on. <b>Note:</b> The source for this attribute is the Accounts.Office for accounts managed within GPP. Will remain empty for customer accounts (not held in GPP).	[A-Z0-9] {3, 3}	Map from Msg_Posting.Acc_Office
F_POSTING_INF O_CUST_ACC_I ND	6							+					[0..1]	Customer Account Indicator	An indication that the posting account is a customer account. The source for this attribute is the relevant attribute of the AccTypes entry relevant for the posting account for accounts managed within GPP. Will remain empty for customer accounts (not held in GPP).	[1,0] {1, 1}	Map from Msg_Posting.Cust_Acc_Ind
F_POSTING_INF O_ACC_TRANS_ CD	6							+					[0..1]	Posting Account Transaction Code	The transaction code associated with the account that the posting is on. The source for this attribute is as follows: <ul style="list-style-type: none"> <li>For Principal debit entry – populated with P_DBT_TX_CD (that is populated using the Debit transaction code rules)</li> <li>For Principal credit entry – populated with P_CDT_TX_CD (that is populated using the Credit transaction code rules)</li> <li>For fee entries - populated with the transaction code of the relevant Fee Formula.</li> </ul>	Text {1,50}	Map from Msg_Posting.Acc_Trans_Code

F_POSTING_INF O_BOOKING_ENT	6							+				[0..1]	Posting Account Booking Entity	The booking entity / accounting system under which the account the posting is on is managed. <b>Note:</b> The source for this attribute is either the Accounts.Booking_Ent for accounts managed within GPP, or the accounting system returned via the Account Lookup service/interface.	Text {1,20}	Map from Msg_Posting.Booking_Ent
F_POSTING_INF O_ACCT_COST_CTR	6							+				[0..1]	Posting Account Cost Center	The Cost Center to which the account belongs. Used by Anti-Money Laundering, mainly for Posting and mainly in US. <b>Note:</b> The source for this attribute is either the Accounts.Cost_Ctr for accounts managed within GPP, or the accounting system returned via the Account Lookup service/interface.	Text {1,50}	Map from Msg_Posting.Acc_Cost_Ctr
F_POSTING_INF O_AMOUNT	6							+				[1..1]	Posting Amount	The amount posted per this entry.	fractionDigits 4 totalDigits 19	Map from Msg_Posting.Amount
F_POSTING_INF O_BASE_AMOUNT	6							+				[1..1]	Posting Base Amount	The base amount equivalent of the posting amount.	fractionDigits 4 totalDigits 19	Map from Msg_Posting.Base_Amount
F_POSTING_INF O_VALUE_DATE	6							+				[1..1]	Posting Date	The posting date per this entry.	ISO Date	Map from Msg_Posting.Value_Date
F_POSTING_INF O_FEE_TP	6							+				[0..1]	Fee Type	The fee type of the selected fee posted in this entry.	Text {1,15}	Not to be mapped (will not be sent once empty)
F_POSTING_INF O_FEE_TP_CTG	6							+				[0..1]	Fee Type Category	The fee type category of the selected fee posted in this entry. <b>Note:</b> Relevant only to the different FEE and PNL posting types. Will be empty for other posting types.	Text {1,15}	Map from Msg_Posting.Fee_Type_Grp



F_POSTING_INF O_POSTING_STS	6							+					[0..1]	Posting Status <sup>4</sup>	The status of the posting entry.	[A-Z] {1, 1}	Not to be mapped (will not be sent once empty)
F_POSTING_INF O_EARMARK_REF	6							+					[0..1]	Earmark reference	Earmark reference that was returned from the Balance Inquiry interface (if returned), and should be sent back with the posting entry to allow the linkage between the earmarked funds and this posting entry.	Text {1,50}	<ul style="list-style-type: none"> <li>• If posting entry is for a principal amount - Map from P_BI_MAIN_ERAMARK_REF</li> <li>• If posting entry is for a fee amount - Map from P_BI_FEE_ERAMARK_REF</li> </ul>
F_POSTING_INF O_FORCE_POST_IND	6							+					[0..1]	Force Post Indicator	An indicator whether the current posting entry was sent to accounting system with an instruction to force post.	[0,1] {1, 1}	If <a href="#">Monitor user force from NSF</a> (MU_NSF_FORCE_STS) <sup>5</sup> =1 or <a href="#">Override stop flags</a> (MU_STOP_FLAGS_OVERRIDE_STS) <sup>6</sup> =1 – set to 1
F_MAN_POST_R SPNS_IND	6							+					[0..1]	Manual Posting Response Indicator <sup>7</sup>	An indicator whether the current posting status is the result of a manually instructed posting response a user had requested – either Positive or Negative.	[0,1] {1, 1}	Not to be mapped (will not be sent once empty)

<sup>4</sup> This tag is added to the generic Fndt Message as part of this Fndt Message update for use in reporting, but will not be populated, nor sent as part of the Posting Request (as is not relevant at the point the Request is sent out, it will always be P – Pending Response)

<sup>5</sup> When a user selects the [Force Ins. Funds](#) button from [Insufficient Funds](#) (NSF) queue and the posting request is resent to the accounting system and needs to reflect the fact that it should force the posting this time.

<sup>6</sup> When a user selects the [Override](#) button from [Posting Restrictions](#) (POSTEX) queue and the posting request is resent to the accounting system and needs to reflect the fact that it should force the posting this time.

<sup>7</sup> This tag is part of the generic Fndt Message but its main purpose is for use in reporting. It will only be populated, and sent as part of the Posting Request in cases a Request is sent out after manual actions

MsgPostingEntry Ext	6							+					[0..n]	Message Posting Entry Extension	Each occurrence populated with the customer specific attribute from a separate Msg_Posting_Ext entry in which Ext_Type=ENTRY and Posting_Id= <F_POSTING_INFO_POSTING_NTRY_ID> <sup>8</sup> , if such additional attributes exist (excluding the internal fields used to associative between related entries – Field_Name is Rltd_MsgPostng_Id[i]* for most relations or 'Rltd_Fee_Dedct_MsgPostng_Id' for the special case of a MAIN_CR entry being related to the PNL_CR).		
F_POSTING_NTRY_EXT_INFO_FIELD_NM	7							+					[1..1]	Entry Extension Field Name	The name of the additional customer specific attribute (on entry level).	Text {1,50}	Map from Msg_Posting_Ext.Field_Name Where Msg_Posting_Ext entry in which Ext_Type=ENTRY and Posting_Id= <F_POSTING_INFO_POSTING_NTRY_ID>
F_POSTING_NTRY_EXT_INFO_FIELD_VAL	7							+					[1..1]	Entry Extension Field Value	The value of the additional customer specific attribute (on entry level).	Text {1,100}	Map from Msg_Posting_Ext.Field_Value Where Msg_Posting_Ext entry in which Ext_Type=ENTRY and Posting_Id= <F_POSTING_INFO_POSTING_NTRY_ID>

<sup>8</sup> Additional customer specific attributes in the posting entry level

MsgPostingReqExt	5						+					[0..n]	Message Posting Entry Extension	Each occurrence populated with the customer specific attribute from a separate Msg_Posting_Ext entry in which Ext_Type=REQST and Posting_Id=<F_POSTING_INFO_POSTING_REQ_ID> <sup>9</sup> , if such additional attributes exist		
F_POSTING_REQ_EXT_INFO_FIELD_NAME	6						+					[1..1]	Request Extension Field Name	The name of the additional customer specific attribute (on request level).	Text {1,50}	Map from Msg_Posting_Ext.Field_Name Where Msg_Posting_Ext entry in which Ext_Type=REQST and Posting_Id=<F_POSTING_INFO_POSTING_REQ_ID>
F_POSTING_REQ_EXT_INFO_FIELD_VALUE	6						+					[1..1]	Request Extension Field Value	The value of the additional customer specific attribute (on request level).	Text {1,100}	Map from Msg_Posting_Ext.Field_Value Where Msg_Posting_Ext entry in which Ext_Type=REQST and Posting_Id=<F_POSTING_INFO_POSTING_REQ_ID>

---

<sup>9</sup> Additional customer specific attributes in the posting request level

## 2.2 Posting Response

The following sections from the full Fndt (FuNDs Transfer) Message structure are the minimal scope to be included when it is used as a Posting Response (additional sections can be configured to be included, if required):

Note: The Pmnt section appears in the below minimal scope, as it is recommended for readability. However, it can be excluded.

Level 1	Level 2	Level 3	Level 4	Level 5	Description
FndtMsg					
	Header				General identifying attributes.
	Msg				Transaction message and extension.
		Pmnt			Pmnt quotes the transaction (whether it is ISO based pain / pacs or a SWIFT message embedded within the GPP proprietary XML structure).  For more information, see the <i>GPP Technical Guide Fndt Message Format</i> document.
		Extn			
			ReferencedData		Transaction-related profile reference data.
				M_DBT_A CCOUNT	Debit Account Info, mainly Stop Flags / Posting Restrictions set on the debit account.  Populated in the Posting response.
				M_CDT_A CCOUNT	Credit Account Info, mainly Stop Flags / Posting Restrictions set on the credit account.  Populated in the Posting response.
				M_DBT_C UST_PRO FILE	Debit Party Profile Info. This information also includes Stop Flags / Posting Restrictions set on the debit customer.
				M_CDT_C UST_PRO FILE	Credit Party Profile Info. This information also includes Stop Flags / Posting Restrictions set on the credit customer.

Level 1	Level 2	Level 3	Level 4	Level 5	Description
			MsgPosting		Message Posting Information
	Response Details				Applicable for interface responses.

## 2.2.1 Detailed Structure when using Minimal Scope

For defining presence and format, use the convention in [Appendix B: Conventions](#).

Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
FndtMsg	1		+										[1..1]	Fndt(FuNDs Transfer) Message			
Header	2			+									[1..1]	Header			
contextName	3				+								[0..1]	Context Name	Generic field to add information regarding the specific usage. <b>Note:</b> Specifically for the usage for Posting response – the value can be 'Posting'	Text {1,n}	Populate with 'Posting'
contextLocalName	3				+								[0..1]	Context Local Name	Generic optional field to add regarding the specific usage, but using the financial institution's system terminology naming, in case such a local name exists and is required for the identification on the financial institution side.	Text {1,n}	If required – populate with specific local context string.
credentials	3				+								[0..1]	Credentials	Credentials when required		Not required in the response. Can be omitted.
UserID	4					+							[0..1]	User ID	User ID	Text {1,8}	N/A
Role	4					+							[0..1]	Role	Role	Text {1,50}	N/A
D_SKIP_PERSIST_ON_ERROR	3				+								[0..1]	Skip Persist On Error Indicator	An indication whether to store the transaction details when an error or errors were found.	[1,0] {1,1}	Not required in the response. Can be omitted.
Workflow	3				+								[0..1]	Workflow	Defined for mass processing. The valid values are Template, File, or Swift.	Text {1,50}	Populate with - TBD

Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
P_MID	3				+								[0..1]	GPP Message Identifier	The Internal GPP message Identifier	Text {1,16}	Populated with value in <P_MID> in the request. Can be used for matching in GPP.
deliveryTimestamp	3				+								[0..1]	Deliver Timestamp	The Timestamp when either the request or the response was created. <b>Note:</b> As per specific integration if matching between response and its request is not done using MQ Correlation ID, this tag is used as part of the matching key when quoting the timestamp of the request. If MQ Correlation ID is used for matching, this tag can quote the timestamp when the response was created.	ISO Date Time	Populate either with <deliveryTimestamp> from request or with current Timestamp.
P_INIT_SRC_ID	3				+								[0..1]	Initiating Source System Id	The ID of the source system initiating the request/response.	Text {1,50}	Populate with a code of the HOST system. Will not be used in GPP.
EventID	3				+								[0..1]	Event ID	Unique 16-chars event ID generated for each interface request	Text {1,16}	Can be copied from request.  Currently not used in GPP for matching with request – so – not mandatory
Msg	2			+									[1..1]	Message			
Pmnt	3				+								[0..1]	Transaction	ISO or SWIFT message text that is stored in an XML structure in the XML_MSG.		Optionally can be populated with value in <Pmnt> in the request, or omitted. Will not be used in GPP.
EXtn	3				+								[1..1]	Extension			
ReferenceData	4					+							[0..1]	Reference Data			

Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
M_DBT_ACCOUNT	5						+						[0..1]	Debit Account	Debit Account Details <b>Note:</b> this section is only populated and sent when there is a posting failure due to posting restriction on the debit account		
F_DBT_ACCT_STOPFLA GDR	6						+						[0..1]	Debit Stop Flag / Posting Restriction on Debit Account on indication	Indicates that there is a debit Stop Flag / Posting Restriction set on the debit account. <b>Note:</b> Specific reason indicated in the next tag.	[1,0] {1,1}	
F_DBT_ACCT_REASON DR	6						+						[0..1]	Debit Stop Flag / Posting Restriction on Debit Account Reason	The code / reason for the debit Stop Flag / Posting Restriction set on the debit account. Codes provided should quote values already configured in GPP as <a href="#">Stop Flags</a> .	Text {1,35}	
F_DBT_ACCT_STOPFLA GCR	6						+						[0..1]	Credit Stop Flag / Posting Restriction on Debit Account on indication	Indicates that there is a credit Stop Flag / Posting Restriction set on the debit account. <b>Note:</b> Specific reason indicated in the next tag.	[1,0] {1,1}	
F_DBT_ACCT_REASON CR	6						+						[0..1]	Credit Stop Flag / Posting Restriction on account reason	The code / reason for the credit Stop Flag / Posting Restriction set on the account. <b>Note:</b> Codes provided should quote values already configured in GPP as <a href="#">Stop Flags</a> .	Text {1,35}	



Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
M_CDT_ACCOUNT	5						+						[0..1]	Credit Account	Credit Account Details <b>Note:</b> this section is only populated and sent when there is a posting failure due to posting restriction on the credit account.		
F_CDT_ACCT_STOPFLA GDR	6						+						[0..1]	Debit Stop Flag / Posting Restriction on Credit Account on indication	Indicates that there is a debit Stop Flag / Posting Restriction set on the credit account <b>Note:</b> Specific reason indicated in the next tag.		
F_CDT_ACCT_REASON DR	6						+						[0..1]	Debit Stop Flag / Posting Restriction on Credit Account Reason	The code / reason for the debit Stop Flag / Posting Restriction set on the credit account <b>Note:</b> Codes provided should quote values already configured in GPP as <a href="#">Stop Flags</a> .		
F_CDT_ACCT_STOPFLA GCR	6						+						[0..1]	Credit Stop Flag / Posting Restriction on Credit Account on indication	Indicates that there is a credit Stop Flag / Posting Restriction set on the credit account. <b>Note:</b> Specific reason indicated in the next tag.		
F_CDT_ACCT_REASON CR	6						+						[0..1]	Credit Stop Flag / Posting Restriction on Credit Account Reason	The code / reason for the credit Stop Flag / Posting Restriction set on the credit account. <b>Note:</b> Codes provided should quote values already configured in GPP as <a href="#">Stop Flags</a> .		

Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
M_DBT_CUST_PROFILE	5						+						[0..1]	Debit Customer	Debit Customer Details <b>Note:</b> this section is only populated and sent when there is a posting failure due to posting restriction on the debit customer		
F_DBT_CUST_STOPFLAGFROM	6						+						[0..1]	Debit Stop Flag / Posting Restriction on Debit Customer indication	Indicates that there is a debit Stop Flag / Posting Restriction set on the debit customer. <b>Note:</b> Specific reason indicated in the next tag.	[1,0] {1,1}	
F_DBT_CUST_FROMREASON	6						+						[0..1]	Debit Stop Flag / Posting Restriction on Debit Customer Reason	The code / reason for the debit Stop Flag / Posting Restriction set on the debit customer. <b>Note:</b> Codes provided should quote values already configured in GPP as <a href="#">Stop Flags</a> .	Text {1,35}	
F_DBT_CUST_STOPFLAGTO	6						+						[0..1]	Credit Stop Flag/Posting Restriction on Debit Customer Indication	Indicates that there is a credit Stop Flag / Posting Restriction set on the debit customer. <b>Note:</b> Specific reason indicated in the next tag.	[1,0] {1,1}	
F_DBT_CUST_TOREASON	6						+						[0..1]	Credit Stop Flag/Posting Restriction on Debit Customer Reason	The code / reason for the credit Stop Flag / Posting Restriction set on the debit customer. <b>Note:</b> Codes provided should quote values already configured in GPP as <a href="#">Stop Flags</a> .	Text {1,35}	

Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
M_CDT_CUST_PROFILE	5						+						[0..1]	Credit Customer	Credit Customer Details <b>Note:</b> this section is only populated and sent when there is a posting failure due to posting restriction on the credit customer		
F_CDT_CUST_STOPFLA GFROM	6							+					[0..1]	Debit Stop Flag / Posting Restriction on Credit Customer Indication	Indicates that there is a debit Stop Flag / Posting Restriction set on the credit customer. <b>Note:</b> Specific reason indicated in the next tag.	[1,0] {1,1}	
F_CDT_CUST_FROMRE ASON	6							+					[0..1]	Debit Stop Flag / Posting Restriction on Credit Customer Reason	The code / reason for the debit Stop Flag / Posting Restriction set on the credit customer. <b>Note:</b> Codes provided should quote values already configured in GPP as <a href="#">Stop Flags</a> .	Text {1,35}	
F_CDT_CUST_STOPFLA GTO	6							+					[0..1]	Credit Stop Flag / Posting Restriction on Credit Customer Indication	Indicates that there is a credit Stop Flag / Posting Restriction set on the credit customer. <b>Note:</b> Specific reason indicated in the next tag.	[1,0] {1,1}	
F_CDT_CUST_TOREAS ON	6							+					[0..1]	Credit Stop Flag / Posting Restriction on Credit Customer Reason	The code / reason for the credit Stop Flag / Posting Restriction set on the credit customer. <b>Note:</b> Codes provided should quote values already configured in GPP as <a href="#">Stop Flags</a> .	Text {1,35}	
MsgPosting	4					+							[1..1]	Message Posting			Will not be used in GPP.

Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
M_POSTING_INFO_LINE	5						+						[1..n]	Posting Information Line	Each occurrence is populated from the parallel occurrence in request.		
F_POSTING_INFO_POS TING_REQ_ID	6							+					[1..1]	Posting Request Id	A unique ID of the posting request that includes the following multiple posting entries. <b>Note:</b> Although this is one value per all the posting entries occurrences – due to technical implications – it is quoted in the Fndt Message structure as in the Db Msg_Posting table in each occurrence.	Text {1,50}	
F_POSTING_INFO_POS TING_NTRY_ID	6							+					[1..1]	Posting Entry Id	A unique ID of the posting entry.	Text {1,16}	
F_POSTING_INFO_IS_R EVERSAL_IND	6							+					[0..1]	Reversal Indicator	An indicator whether the posting entry is a reversed posting of another original posting entry.	[0,1] {1, 1}	
F_POSTING_INFO_RVR SD_NTRY_ID	6							+					[0..1]	Reversed Entry ID	The posting entry ID of the original entry this is a reversal of. <b>Note:</b> Relevant only in entries marked as reversals	Text {1,16}	
F_POSTING_INFO_POS TING_TYPE	6							+					[1..1]	Posting Type	The entry posting type, can have the following values (setup in Fields_Values for Field_Type='POSTING_T YPE'): <ul style="list-style-type: none"> <li>MAIN_CR – principle credit amount</li> <li>MAIN_DR – principle debit amount</li> </ul>	Text {1,30}	

Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
															<ul style="list-style-type: none"> <li>• FEE_CR – fees on credit side customer</li> <li>• FEE_DR – fees on debit side customer</li> <li>• PNL_DR – amount in P&amp;L account for fees on debit side</li> <li>• PNL_CR – amount in P&amp;L account for fees on credit side</li> <li>• AGT_FEE_DR – agent fees on debit side customer</li> <li>• AGT_PNL_DR – amount in P&amp;L account for agent fees</li> <li>• MAIN_GROSS_CR - Gross principle (no fee deduction) credit amount on debit side</li> <li>• SA_CRSS_BOOK_MAIN_CDT_SD – Principal amount-cross-booking-systems balancing on credit side system</li> <li>• SA_CRSS_BOOK_MAIN_DBT_SD – Principal amount-cross-booking-systems balancing on debit side system</li> <li>• SA_CRSS_BOOK_FEE_CDT_SD – Fee amount-cross-booking-systems balancing on credit side system</li> <li>• SA_CRSS_BOOK_FEE_DBT_SD – Fee amount-cross-booking-systems balancing on debit side system</li> </ul>		

Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
															<ul style="list-style-type: none"> <li>SA_FX_BAL_MAIN_CDTCCY– Principal amount-FX balancing on credit CCY</li> <li>SA_FX_BAL_MAIN_DBTCCY– Principal amount-FX balancing on debit CCY</li> <li>SA_FX_BAL_FEE_CDTCCY– Fee amount-FX balancing on credit (PNL) CCY</li> <li>SA_FX_BAL_FEE_DBTCCY– Fee amount-FX balancing on debit (Fee) CCY</li> </ul>		
F_POSTING_INFO_OFFICE	6							+					[1..1]	Office	The office of the transaction.	[A-Z0-9] {3,3}	
F_POSTING_INFO_CR_DR_FLAG	6							+					[1..1]	Credit/Debit Flag	The action of this posting – CR/DR.	[A-Z0-9] {2,2}	
F_POSTING_INFO_ACCOUNT_NO	6							+					[1..1]	Posting Account Number	The account the posting is on.	Text {1,34}	
F_POSTING_INFO_ACCOUNT_TP	6							+					[0..1]	Posting Account Type	<p>The type of the account the posting is on.</p> <p><b>Note:</b> The source for this attribute is either the Accounts.Acc_Type for accounts managed within GPP, or the account type returned via the Account Lookup service/interface.</p>	Text {1,10}	

Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
F_POSTING_INFO_CUR RENCY	6							+					[1..1]	Posting Account Currency	The currency account the posting is on. <b>Note:</b> The source for this attribute is either the Accounts.Currency for accounts managed within GPP, or the account currency returned via the Account Lookup service/interface.	[A-Z] {3, 3}	
F_POSTING_INFO_ACC _OFFICE	6							+					[0..1]	Posting Account Office	The type of the account the posting is on. <b>Note:</b> The source for this attribute is the Accounts.Office for accounts managed within GPP. Will remain empty for customer accounts (not held in GPP).	[A-Z0-9] {3, 3}	
F_POSTING_INFO_CUS T_ACC_IND	6							+					[0..1]	Customer Account Indicator	An indication that the posting account is a customer account. The source for this attribute is the relevant attribute of the AccTypes entry relevant for the posting account for accounts managed within GPP. Will remain empty for customer accounts (not held in GPP).	[1,0] {1, 1}	

Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
F_POSTING_INFO_ACC _TRANS_CD	6							+					[0..1]	Posting Account Transaction Code	The transaction code associated with the account the posting is on. The source for this attribute is as follows: <ul style="list-style-type: none"> <li>For Principal debit entry – populated with P_DBT_TX_CD (that is populated using the Debit transaction code rules)</li> <li>For Principal credit entry – populated with P_CDT_TX_CD (that is populated using the Credit transaction code rules)</li> <li>For fee entries - populated with the transaction code of the relevant Fee Formula.</li> </ul>	Text {1,50}	
F_POSTING_INFO_BOO KING_ENT	6							+					[0..1]	Posting Account Booking Entity	The booking entity / accounting system under which the account the posting is on is managed. <b>Note:</b> The source for this attribute is either the Accounts.Booking_Ent for accounts managed within GPP, or the accounting system returned via the Account Lookup service/interface.	Text {1,20}	



Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
F_POSTING_INFO_ACC T_COST_CTR	6							+					[0..1]	Posting Account Cost Center	The Cost Center to which the account belongs. Used by Anti-Money Laundering, mainly for posting and mainly in US. <b>Note:</b> The source for this attribute is either the Accounts.Cost_Ctr for accounts managed within GPP, or the accounting system returned via the Account Lookup service/interface.	Text {1,50}	
F_POSTING_INFO_AMO UNT	6							+					[1..1]	Posting Amount	The amount posted per this entry.	fractionDigits 4 totalDigits 19	
F_POSTING_INFO_BAS E_AMOUNT	6							+					[1..1]	Posting Base Amount	The base amount equivalent of the posting amount.	fractionDigits 4 totalDigits 19	
F_POSTING_INFO_VAL UE_DATE	6							+					[1..1]	Posting Date	The posting date per this entry.	ISO Date	
ppt:F_POSTING_INFO_F EE_TP	6							+					[0..1]	Fee Type	The fee type of the selected fee posted in this entry.	Text {1,15}	
F_POSTING_INFO_FEE_ TP_CTG	6							+					[0..1]	Fee Type Category	The fee type category of the selected fee posted in this entry. <b>Note:</b> Relevant only to the different FEE and PNL posting types. Will be empty for other posting types.	Text {1,15}	

Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
F_POSTING_INFO_POSTING_STS	6							+					[0..1]	Posting Status <sup>10</sup>	The status of the posting entry.	[A-Z] {1, 1}	
F_POSTING_INFO_EARMARK_REF	6							+					[0..1]	Earmark reference	Earmark reference that was returned from the Balance Inquiry interface (if returned), and should be sent back with the posting entry to allow the linkage between the earmarked funds and this posting entry.	Text {1,50}	
F_POSTING_INFO_FORCE_POST_IND	6							+					[0..1]	Force Post Indicator	An indicator whether the current posting entry was sent to accounting system with an instruction to force post.	[0,1] {1, 1}	
F_MAN_POST_RSPNS_IND	6							+					[0..1]	Manual Posting Response Indicator <sup>11</sup>	An indicator whether the current posting status is the result of a manually instructed posting response a user had requested – either Positive or Negative	[0,1] {1, 1}	

<sup>10</sup> This tag is part of the generic Fndt Message but its main purpose is for use in reporting. It will only be populated, and sent as part of the Posting Request in cases a Request is sent out after manual actions

<sup>11</sup> This tag is part of the generic Fndt Message but its main purpose is for use in reporting. It will only be populated, and sent as part of the Posting Request in cases a Request is sent out after manual actions

Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
MsgPostingEntryExt	6							+					[0..n]	Message Posting Entry Extension	Each occurrence populated with the customer specific attribute from a separate Msg_Posting_Ext entry in which Ext_Type=ENTRY and Posting_Id= <F_POSTING_INFO_PO STING_NTRY_ID> <sup>12</sup> , if such additional attributes exist (excluding the internal fields used to associate between related entries – Field_Name is Rltd_MsgPostng_Id[i]* for most relations or 'Rltd_Fee_Dedct_MsgPo stng_Id' for the special case of a MAIN_CR entry being related to the PNL_CR)  <b>Note:</b> If required to return customer specific information from accounting system per a specific posting entry – occurrences can be added to this section - each occurrence populated with the returned customer specific attribute		

---

<sup>12</sup> Additional customer specific attributes in the posting entry level

Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
F_POSTING_NTRY_EXT _INFO_FLD_NM	7								+				[1..1]	Entry Extension Field Name	The name of the additional customer specific attribute (on entry level).	Text {1,50}	For additional occurrences not already in Msg_Posting_Ext with Ext_Type=ENTRY and Posting_Id= <F_POSTING_INFO_POSTI NG_NTRY_ID> - Map from Msg_Posting_Ext.Field_Nam e Where Msg_Posting_Ext entry in which Ext_Type=ENTRY and Posting_Id= <F_POSTING_INFO_POSTI NG_NTRY_ID>
F_POSTING_NTRY_EXT _INFO_FLD_VAL	7								+				[1..1]	Entry Extension Field Value	The value of the additional customer specific attribute (on entry level).	Text {1,100}	For additional occurrences not already in Msg_Posting_Ext with Ext_Type=ENTRY and Posting_Id= <F_POSTING_INFO_POSTI NG_NTRY_ID> - Map from Msg_Posting_Ext.Field_Value Where Msg_Posting_Ext entry in which Ext_Type=ENTRY and Posting_Id= <F_POSTING_INFO_POSTI NG_NTRY_ID>

Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
MsgPostingReqExt	5						+						[0..n]	Message Posting Request Extension	Each occurrence populated with the customer specific attribute from a separate Msg_Posting_Ext entry in which Ext_Type=REQST and Posting_Id=<F_POSTING_INFO_POSTING_REQ_ID> <sup>13</sup> , if such additional attributes exist.  <b>Note:</b> If required to return customer specific information from accounting system per the full posting response – occurrences can be added to this section - each occurrence populated with the returned customer specific attribute		

---

<sup>13</sup> Additional customer specific attributes in the posting request level

Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
F_POSTING_REQ_EXT_ INFO_FLD_NM	6							+					[1..1]	Request Extension Field Name	The name of the additional customer specific attribute (on request level).	Text {1,50}	For additional occurrences not already in Msg_Posting_Ext with Ext_Type=REQST and Posting_Id= <F_POSTING_INFO_POSTI NG_REQ_ID> - Map from Msg_Posting_Ext.Field_Nam e Where Msg_Posting_Ext entry in which Ext_Type=REQST and Posting_Id= <F_POSTING_INFO_POSTI NG_REQ_ID>
F_POSTING_REQ_EXT_ INFO_FLD_VAL	6							+					[1..1]	Request Extension Field Value	The value of the additional customer specific attribute (on request level).	Text {1,100}	For additional occurrences not already in Msg_Posting_Ext with Ext_Type=REQST and Posting_Id= <F_POSTING_INFO_POSTI NG_REQ_ID> - Map from Msg_Posting_Ext.Field_Value Where Msg_Posting_Ext entry in which Ext_Type=REQST and Posting_Id= <F_POSTING_INFO_POSTI NG_REQ_ID>
ResponseDetails	2			+									[1..1]	Response Details			

Tag	L	0	1	2	3	4	5	6	7	8	9	10	Presence	Element	Description	Format	Mapped From/ Into GPP Table and Field
returnCode	3				+								[1..1]	Return Code	The return code to indicate success (1), or failure (any other code) of posting. <b>Note:</b> Any failure can be marked with 0, but it is preferable to use more specific codes to distinguish between posting restriction failure, NSF failure, technical failure and any other failure. Mapping between financial institution's codes and GPP internal codes should be configured to allow usage of financial institution's codes.	[0-9] {1, 5}	
description	3				+								[0..1]	Description	The description of the return code. Relevant only for a failure (not 1) <returnCode>	Text {1,250}	
errorsList	3				+								[0..n]	Error List	List of errors for this response.		
error	4					+							[1..1]	Error			
code	5						+						[1..1]	Code	The return code to indicate one of multiple failure codes of posting.	[0-9] {1, 5}	
description	5						+						[0..1]	Description	The description of the failure code.	Text {1,250}	
dataArray	3				+								[0..n]	Data Array	List of additional information entries, if required.		
data	4					+							[0..1]	Data	Additional information entry	Text {1,250}	

Note: Although the interface supports receiving proprietary return codes for the various failure responses, as long as the appropriate mapping between financial institution's codes and GPP internal codes is pre-configured, When using the Standard Fndt Message FI can also directly use the GPP internal numeric return codes listed as follows:

- 1 – to indicate a Posting status of 'S' (Success)
- 990 – to indicate a Posting status of 'E' (Processing/technical error)
- 991 – to indicate a Posting status of 'R' (Rejected)
- 995 – to indicate a Posting status of 'N' (Insufficient funds)
- 996 – to indicate a Posting status of 'L' (Posting restriction)
- 997– to indicate a Posting status of 'O' (Optional specific other Reject that the FI wants to specifically identify from other reject reasons for special handling (when applicable))
- 0 – to indicate any error when no specific error handling is required but routing transaction to Posting Exception



### 3 Usage

For more information on posting logic, including creation and calculation of posting entries, response handling and manual handling related to posting, see the [GPP Business Guide Posting](#).

## Appendix A: Glossary of Terms

This table lists the terms used in this guide.

Term	Description
Fndt Message	The FuNDs Transfer message structure is a GPP specific XML structure that is comprising of the full set of information as received, enriched, computed or manually updated per message. This structure is used as part of the standard interfaces for interacting with financial institution systems.
ISO	International Organization for Standards

The prefix convention for naming transaction attribute fields is described in this table:

Prefix	Meaning	Explanation
T_	Tree	Place holder in the tree view that hold the relevant associated information. For example: T_PARTIES holds all of the transaction parties
X_	XML	ISO (<pmnt>) information that is stored in an XML structure in the XML_MSG
OX_	Original XML	Copy of the originally received XML transaction (<pmnt>) information that is stored in an XML structure in ORIG_XML_MSG
OC_	Original Copy of XML field	Prefix used if there is more than one way to receive specific data. Example: OX_CDTR_AGT_BIC_1OR or OX_CDTR_AGT_BIC_2AND. GPP copies the data into OC_CDTR_AGT_BIC to facilitate determining whether creditor agent BIC was provided or not. Relevant only for originally received attributes.
P_	Process	GPP extension field for transaction data that cannot be placed in the ISO standard format. Commonly used attributes: P_MID, P_OFFICE, etc.
F_	GPP derived transaction attribute	Derived attribute that are taken from the static data profile that is associated with transaction details. For example, after P_CDT_MOP is determined, the related credit MOP profile attributes are set in these fields. Examples: F_CDT_MOP_NM is the credit MOP name derived from the credit MOP value. F_MOP_NM is associated with the debit MOP.
D_	Derived	Derived attributes that are calculated 'on the fly' while the GPP service is calculating the information. Derived fields are not stored in the transaction after processing is completed, or stopped for manual handling or wait. Therefore, they usually cannot be used as a condition in business rules.

Prefix	Meaning	Explanation
MU MF MI	User Monitor Flow (service) monitor Interface monitor	<p>Monitors are divided into three categories:</p> <ul style="list-style-type: none"> <li>• User monitors that track the user action over the UI such as forcing a transaction out of the insufficient funds queue</li> <li>• Workflow monitors – internal monitors in the code that track the transaction processing flow</li> <li>• Interface monitors that monitor interface interactions</li> </ul> <p>These P_ field attributes hold the monitor statuses strings for every transaction.</p> <p>P_USER_STATE_MONITOR - for User Monitors – MU_ prefix</p> <p>P_SERVICE_STATE_MONITOR - for Flow Monitors – MF_ prefix</p> <p>P_INTERFACE_STATE_MONITOR - for Interface Monitors – MI_ prefix</p> <p>The location of each monitor in the field is defined by LOGICAL_FIELDS.LOCATION. The first location is 0 (zero).</p> <p>Example of a monitor string P_ field value: XXXXXXXXXXXXXXXXXXXXT.</p> <p>The following SQL could be used to check the full list of monitors as per their monitor P_field and their location:</p> <pre>select lf.obj_ref_data_id, lf.location, lf.* from logical_fields lf where lf.obj_ref_data_id like '%MONITOR' order by 1,2</pre>

## Appendix B: Conventions

This table describes the naming conventions used within the document.

Term	Meaning
Tag name in Bold	Indicate Aggregates
ISO Date Time	<p>Date Time formats defined as ISO Date Time will conform to ISO8601. Representation:</p> <p><b>ISO Date Time with milliseconds:</b>            YYYY-MM-DD [T] {0,1} HH:MM:SS.mmm [Z,-,+] {1,1} HH:MM {0,1}</p> <p><b>ISO Date Time without milliseconds:</b>            YYYY-MM-DD [T] {0,1} HH:MM:SS [Z,-,+] {1,1} HH:MM {0,1}</p> <p>Where:</p> <ul style="list-style-type: none"> <li>• YYYY is the year</li> <li>• MM is the month (01 - 12)</li> <li>• DD is the day (01 - 31)</li> <li>• T is a literal separator between the date and time portions (optional)</li> <li>• HH is the hour in 24 hour time</li> <li>• MM is the minutes</li> <li>• SS is the seconds</li> <li>• mmm is the milliseconds</li> <li>• Z is the time zone designator:               <ul style="list-style-type: none"> <li>○ Z for when time is in UTC time, OR</li> <li>○ +HH:MM; OR</li> <li>○ or -HH:MM</li> </ul> </li> </ul>
ISO Date	<p>Date formats defined as ISO Date Time will conform to ISO8601. Representation:</p> <p>YYYY-MM-DD</p> <p>Where:</p> <ul style="list-style-type: none"> <li>• YYYY is the year,</li> <li>• MM is the month (01 - 12)</li> <li>• DD is the day (01 - 31)</li> </ul>
ISO Decimal Values	<p>Decimal values defined as ISO Decimal Values will use the ISO format definition using fractionDigits and totalDigits</p> <p>Where:</p> <ul style="list-style-type: none"> <li>• totalDigits defines the total number of digits in the number (on both sides of the decimal point)</li> <li>• fractionDigits defines the number of digits to the right of the decimal point (the fraction)</li> </ul>
SWIFT Date	<p>Date formats defined as SWIFT Date will conform to SWIFT representation:</p> <p>YYMMDD</p> <p>Where:</p> <ul style="list-style-type: none"> <li>• YY is the year</li> </ul>

Term	Meaning
	<ul style="list-style-type: none"><li>• MM is the month (01 - 12)</li><li>• DD is the day (01 - 31)</li></ul>
SWIFT Decimal Values	Decimal values defined as SWIFT Decimal Values will use the SWIFT representation of digits and a comma acting as the decimal separator between the fraction and the full number
Presence (Cardinality)	<ul style="list-style-type: none"><li>• 0..1 means Optional</li><li>• 1..1 means Required</li><li>• 0..n means Optional and may have multiple occurrences (limited to specified n)</li><li>• 1..n means required and may have multiple occurrences (limited to specified n)</li></ul>
String format	[character set] {min length, max length} <ul style="list-style-type: none"><li>• [A-Z] means only upper letter characters</li><li>• [a-z] means only lower letter characters</li><li>• [0-9] means only digits</li><li>• [A-Za-z] means upper and lower letter characters</li><li>• Text means all characters</li><li>• {1,6} means a string at least one character long and no longer than 6 characters</li></ul>

## Appendix C: Examples of Requests and Responses

### C.1 Posting Request

This is an example of a Posting request for a transaction that includes a credit side FX conversion only (therefore, only credit side FX information is included), and a fee on the debit side. In addition to the standard posting information, two types of customer specific additional attributes were added, one on the posting entry level (ACC\_EXT\_CODE – a code the account is known by in the external financial institution's system) and another on the request level (ORGNL\_EB\_SOURCE\_SYS\_CD – the code of the Electronic Banking system which was the source from which this transaction was originated).

The principal debit posting entry includes the Earmark reference that was provided to GPP via the Balance Inquiry interface (a model in which the financial institution has the earmarking capability).

```
<FndtMsg>
  <Header>
    <contextName>Posting</contextName>
    <contextLocalName>FINANCIAL_POSTING</contextLocalName>
    <credentials>
      <UserID>String</UserID>
      <Role>String</Role>
    </credentials>
    <D_SKIP_PERSIST_ON_ERROR>0</D_SKIP_PERSIST_ON_ERROR>
    <Workflow>String</Workflow>
    <P_MID forCreation="false">11209G4837O30871</P_MID>
    <deliveryTimestamp>2001-12-17T09:30:47-05:00</deliveryTimestamp>
    <P_INIT_SRC_ID>GPP</P_INIT_SRC_ID>
    <EventID>1112223334445556</EventID>
  </Header>
  <Msg>
    <Pmnt>
      ...
    </Pmnt>
    <Extn>
      <ProcessingPersistentInfo>
        <CreditSide>
          <P_CDT_MID_RATE>1.67</P_CDT_MID_RATE>
          <P_CDT_RATE>1.67</P_CDT_RATE>
          <P_CDT_RATE_USAGE_NM>Regular</P_CDT_RATE_USAGE_NM>
          <P_CDT_SPREAD>0.5</P_CDT_SPREAD>
          <P_CDT_CROSS_CONV>0</P_CDT_CROSS_CONV>
        </CreditSide>
      </ProcessingPersistentInfo>
      <MsgPosting>
        <M_POSTING_INFO_LINE>
```

```

<F_POSTING_INFO_POSTING_REQ_ID>1234567890123456</F_POSTING_INFO_POSTING_REQ_ID>
<F_POSTING_INFO_POSTING_NTRY_ID>1000000000000000</F_POSTING_INFO_POSTING_NTRY_ID>
<F_POSTING_INFO_IS_REVERSAL_IND>0</F_POSTING_INFO_IS_REVERSAL_IND>
<F_POSTING_INFO_POSTING_TYPE>MAIN_DR</F_POSTING_INFO_POSTING_TYPE>
<F_POSTING_INFO_OFFICE>XXX</F_POSTING_INFO_OFFICE>
<F_POSTING_INFO_CR_DR_FLAG>DR</F_POSTING_INFO_CR_DR_FLAG>
<F_POSTING_INFO_ACCNO>123456789</F_POSTING_INFO_ACCNO>
<F_POSTING_INFO_ACCT_TP>CUS</F_POSTING_INFO_ACCT_TP>
<F_POSTING_INFO_CURRENCY>GBP</F_POSTING_INFO_CURRENCY>
<F_POSTING_INFO_ACC_OFFICE>XXX</F_POSTING_INFO_ACC_OFFICE>
<F_POSTING_INFO_CUST_ACC_IND>1</F_POSTING_INFO_CUST_ACC_IND>
<F_POSTING_INFO_ACC_TRANS_CD>TRN_DR</F_POSTING_INFO_ACC_TRANS_CD>
<F_POSTING_INFO_BOOKING_ENT>KAPITY</F_POSTING_INFO_BOOKING_ENT>
<F_POSTING_INFO_ACCT_COST_CTR>YYY</F_POSTING_INFO_ACCT_COST_CTR>
<F_POSTING_INFO_AMOUNT>100.0</F_POSTING_INFO_AMOUNT>
<F_POSTING_INFO_BASE_AMOUNT>100.0</F_POSTING_INFO_BASE_AMOUNT>
<F_POSTING_INFO_VALUE_DATE>2010-12-28+02:00</F_POSTING_INFO_VALUE_DATE>
<F_POSTING_INFO_EARMARK_REF>3394777746</F_POSTING_INFO_EARMARK_REF>
<F_POSTING_INFO_FORCE_POST_IND>0</F_POSTING_INFO_FORCE_POST_IND>
<MsgPostingEntryExt>
  <F_POSTING_NTRY_EXT_INFO_FLD_NM>ACC_EXT_CODE</F_POSTING_NTRY_EXT_INFO_FLD_NM>
  <F_POSTING_NTRY_EXT_INFO_FLD_VAL>555</F_POSTING_NTRY_EXT_INFO_FLD_VAL>
</MsgPostingEntryExt>
</M_POSTING_INFO_LINE>
<M_POSTING_INFO_LINE>
  <F_POSTING_INFO_POSTING_REQ_ID>1234567890123456</F_POSTING_INFO_POSTING_REQ_ID>
  <F_POSTING_INFO_POSTING_NTRY_ID>1000000000000001</F_POSTING_INFO_POSTING_NTRY_ID>
  <F_POSTING_INFO_IS_REVERSAL_IND>0</F_POSTING_INFO_IS_REVERSAL_IND>
  <F_POSTING_INFO_POSTING_TYPE>MAIN_CR</F_POSTING_INFO_POSTING_TYPE>
  <F_POSTING_INFO_OFFICE>XXX</F_POSTING_INFO_OFFICE>
  <F_POSTING_INFO_CR_DR_FLAG>CR</F_POSTING_INFO_CR_DR_FLAG>
  <F_POSTING_INFO_ACCNO>26026</F_POSTING_INFO_ACCNO>
  <F_POSTING_INFO_ACCT_TP>VOS</F_POSTING_INFO_ACCT_TP>
  <F_POSTING_INFO_CURRENCY>USD</F_POSTING_INFO_CURRENCY>
  <F_POSTING_INFO_ACC_OFFICE>XXX</F_POSTING_INFO_ACC_OFFICE>
  <F_POSTING_INFO_CUST_ACC_IND>0</F_POSTING_INFO_CUST_ACC_IND>
  <F_POSTING_INFO_ACC_TRANS_CD>TRN_CR</F_POSTING_INFO_ACC_TRANS_CD>
  <F_POSTING_INFO_BOOKING_ENT>KAPITY</F_POSTING_INFO_BOOKING_ENT>
  <F_POSTING_INFO_ACCT_COST_CTR>YYY</F_POSTING_INFO_ACCT_COST_CTR>
  <F_POSTING_INFO_AMOUNT>167.0</F_POSTING_INFO_AMOUNT>
  <F_POSTING_INFO_BASE_AMOUNT>100.0</F_POSTING_INFO_BASE_AMOUNT>
  <F_POSTING_INFO_VALUE_DATE>2010-12-31+02:00</F_POSTING_INFO_VALUE_DATE>
  <F_POSTING_INFO_FORCE_POST_IND>0</F_POSTING_INFO_FORCE_POST_IND>
  <MsgPostingEntryExt>
    <F_POSTING_NTRY_EXT_INFO_FLD_NM>ACC_EXT_CODE</F_POSTING_NTRY_EXT_INFO_FLD_NM>
    <F_POSTING_NTRY_EXT_INFO_FLD_VAL>444</F_POSTING_NTRY_EXT_INFO_FLD_VAL>
  </MsgPostingEntryExt>
</M_POSTING_INFO_LINE>

```

```

    </MsgPostingEntryExt>
  </M_POSTING_INFO_LINE>
  <M_POSTING_INFO_LINE>
    <F_POSTING_INFO_POSTING_REQ_ID>1234567890123456</F_POSTING_INFO_POSTING_REQ_ID>
    <F_POSTING_INFO_POSTING_NTRY_ID>1000000000000002</F_POSTING_INFO_POSTING_NTRY_ID>
    <F_POSTING_INFO_IS_REVERSAL_IND>0</F_POSTING_INFO_IS_REVERSAL_IND>
    <F_POSTING_INFO_POSTING_TYPE>FEE_DR</F_POSTING_INFO_POSTING_TYPE>
    <F_POSTING_INFO_OFFICE>XXX</F_POSTING_INFO_OFFICE>
    <F_POSTING_INFO_CR_DR_FLAG>DR</F_POSTING_INFO_CR_DR_FLAG>
    <F_POSTING_INFO_ACCNO>26026</F_POSTING_INFO_ACCNO>
    <F_POSTING_INFO_ACCT_TP>Customer Fee</F_POSTING_INFO_ACCT_TP>
    <F_POSTING_INFO_CURRENCY>GBP</F_POSTING_INFO_CURRENCY>
    <F_POSTING_INFO_ACC_OFFICE>XXX</F_POSTING_INFO_ACC_OFFICE>
    <F_POSTING_INFO_CUST_ACC_IND>1</F_POSTING_INFO_CUST_ACC_IND>
    <F_POSTING_INFO_ACC_TRANS_CD>TRN_FDR</F_POSTING_INFO_ACC_TRANS_CD>
    <F_POSTING_INFO_BOOKING_ENT>KAPITY</F_POSTING_INFO_BOOKING_ENT>
    <F_POSTING_INFO_ACCT_COST_CTR>YYY</F_POSTING_INFO_ACCT_COST_CTR>
    <F_POSTING_INFO_AMOUNT>1.0</F_POSTING_INFO_AMOUNT>
    <F_POSTING_INFO_BASE_AMOUNT>1.0</F_POSTING_INFO_BASE_AMOUNT>
    <F_POSTING_INFO_VALUE_DATE>2010-12-28+02:00</F_POSTING_INFO_VALUE_DATE>
    <F_POSTING_INFO_FEE_TP_CTG>PROCESSING</F_POSTING_INFO_FEE_TP_CTG>
    <F_POSTING_INFO_FORCE_POST_IND>0</F_POSTING_INFO_FORCE_POST_IND>
  </MsgPostingEntryExt>
    <F_POSTING_NTRY_EXT_INFO_FLD_NM>ACC_EXT_CODE</F_POSTING_NTRY_EXT_INFO_FLD_NM>
    <F_POSTING_NTRY_EXT_INFO_FLD_VAL>555</F_POSTING_NTRY_EXT_INFO_FLD_VAL>
  </MsgPostingEntryExt>
</M_POSTING_INFO_LINE>
<M_POSTING_INFO_LINE>
  <F_POSTING_INFO_POSTING_REQ_ID>1234567890123456</F_POSTING_INFO_POSTING_REQ_ID>
  <F_POSTING_INFO_POSTING_NTRY_ID>1000000000000003</F_POSTING_INFO_POSTING_NTRY_ID>
  <F_POSTING_INFO_IS_REVERSAL_IND>0</F_POSTING_INFO_IS_REVERSAL_IND>
  <F_POSTING_INFO_POSTING_TYPE>PNL_DR</F_POSTING_INFO_POSTING_TYPE>
  <F_POSTING_INFO_OFFICE>XXX</F_POSTING_INFO_OFFICE>
  <F_POSTING_INFO_CR_DR_FLAG>CR</F_POSTING_INFO_CR_DR_FLAG>
  <F_POSTING_INFO_ACCNO>0000030229624462</F_POSTING_INFO_ACCNO>
  <F_POSTING_INFO_ACCT_TP>Fee P&L</F_POSTING_INFO_ACCT_TP>
  <F_POSTING_INFO_CURRENCY>GBP</F_POSTING_INFO_CURRENCY>
  <F_POSTING_INFO_ACC_OFFICE>XXX</F_POSTING_INFO_ACC_OFFICE>
  <F_POSTING_INFO_CUST_ACC_IND>0</F_POSTING_INFO_CUST_ACC_IND>
  <F_POSTING_INFO_ACC_TRANS_CD>TRN_FCR</F_POSTING_INFO_ACC_TRANS_CD>
  <F_POSTING_INFO_BOOKING_ENT>KAPITY</F_POSTING_INFO_BOOKING_ENT>
  <F_POSTING_INFO_ACCT_COST_CTR>YYY</F_POSTING_INFO_ACCT_COST_CTR>
  <F_POSTING_INFO_AMOUNT>1.0</F_POSTING_INFO_AMOUNT>
  <F_POSTING_INFO_BASE_AMOUNT>1.0</F_POSTING_INFO_BASE_AMOUNT>
  <F_POSTING_INFO_VALUE_DATE>2010-12-28+02:00</F_POSTING_INFO_VALUE_DATE>
  <F_POSTING_INFO_FEE_TP_CTG>PROCESSING</F_POSTING_INFO_FEE_TP_CTG>

```



```
<F_POSTING_INFO_FORCE_POST_IND>0</F_POSTING_INFO_FORCE_POST_IND>
<MsgPostingEntryExt>
  <F_POSTING_NTRY_EXT_INFO_FLD_NM>ACC_EXT_CODE</F_POSTING_NTRY_EXT_INFO_FLD_NM>
  <F_POSTING_NTRY_EXT_INFO_FLD_VAL>888</F_POSTING_NTRY_EXT_INFO_FLD_VAL>
</MsgPostingEntryExt>
</M_POSTING_INFO_LINE>
<MsgPostingReqExt>
  <F_POSTING_REQ_EXT_INFO_FLD_NM>ORGNL_EB_SOURCE_SYS_CD</F_POSTING_REQ_EXT_INFO_FLD_NM>
  <F_POSTING_REQ_EXT_INFO_FLD_VAL>ZEBRA</F_POSTING_REQ_EXT_INFO_FLD_VAL>
</MsgPostingReqExt>
</MsgPosting>
</Extn>
</Msg>
</FndtMsg>
```

## C.2 Successful Posting Response

This is an example of a successful Posting response.

```
<FndtMsg>
  <Header>
    <contextName>Posting</contextName>
    <contextLocalName>FINANCIAL_POSTING</contextLocalName>
    <credentials>
      <UserID>String</UserID>
      <Role>String</Role>
    </credentials>
    <D_SKIP_PERSIST_ON_ERROR>0</D_SKIP_PERSIST_ON_ERROR>
    <Workflow>String</Workflow>
    <P_MID forCreation="false">11209G4837O30871</P_MID>
    <deliveryTimestamp>2001-12-17T09:30:57-05:00</deliveryTimestamp>
    <P_INIT_SRC_ID>HOST_XXX</P_INIT_SRC_ID>
  </Header>
  <Msg>
    <Pmnt/>
  </Msg>
  <ResponseDetails>
    <returnCode>1</returnCode>
    <description>Posting success</description>
  </ResponseDetails>
</FndtMsg>
```

### C.3 Failed Posting Response

This is an example of a failed Posting response. Response returned to GPP with a Stop Flag on debiting the debit customer, due to the customer being Dormant.

```
<FndtMsg>
  <Header>
    <contextName>Posting</contextName>
    <contextLocalName>FINANCIAL_POSTING</contextLocalName>
    <credentials>
      <UserID>String</UserID>
      <Role>String</Role>
    </credentials>
    <D_SKIP_PERSIST_ON_ERROR>0</D_SKIP_PERSIST_ON_ERROR>
    <Workflow>String</Workflow>
    <P_MID forCreation="false">11209G4837O30871</P_MID>
    <deliveryTimestamp>2001-12-17T09:30:57-05:00</deliveryTimestamp>
    <P_INIT_SRC_ID>HOST_XXX</P_INIT_SRC_ID>
  </Header>
  <Msg>
    <Pmnt/>
    <Extn>
      <ReferenceData>
        <M_DBT_CUST_PROFILE>
          <F_DBT_CUST_STOPFLAGFROM>1</F_DBT_CUST_STOPFLAGFROM>
          <F_DBT_CUST_FROMREASON>Dormant</F_DBT_CUST_FROMREASON>
          <F_DBT_CUST_STOPFLAGTO>1</F_DBT_CUST_STOPFLAGTO>
          <F_DBT_CUST_TOREASON>Dormant</F_DBT_CUST_TOREASON>
        </M_DBT_CUST_PROFILE>
      </ReferenceData>
    </Extn>
  </Msg>
  <ResponseDetails>
    <returnCode>996</returnCode>
    <description>Posting Restriction</description>
  </ResponseDetails>
</FndtMsg>
```