

3.3.3.9 GetBusinessDayInformationV05 (camt.018.001.05)

3.3.3.9.1 Overview and scope of the message

This chapter illustrates the *GetBusinessDayInformationV05* message.

The *GetBusinessDayInformationV05* is sent by all directly connected T2S Actors to T2SBDM. It is sent to request calendar-related information.

This message is sent to T2SBDM to make the following types of queries:

- | T2S Calendar query;
- | T2S Diary query;
- | Status of the T2S Settlement day query.

These query types are described in the section "The message in business context".

In response to the *GetBusinessDayInformationV05*, T2S sends a [camt.019.001.07](#) [▶ 5] message containing information on requested items or a business error.

3.3.3.9.2 The T2S-specific sSchema

Outline of the schema

The *GetBusinessDayInformationV05* message is composed of the following message building blocks:

MessageHeader

This building block is mandatory and non repetitive. It must contain an the message identification ("NONREF" value can be used) an identification assigned by the sending party to uniquely and unambiguously identify the message and the type of query requested.

BusinessDayInformationQueryDefinition

This building block is mandatory and non repetitive. It contains detailed information related to the calendar or diary entities to be queried such as service, date, currency, event type and closure period.

References/Links

The T2S-specific schema and documentation in HTML/PDF format as well as the message examples are provided outside of this document under the following link:

http://www.swift.com/mystandards/T2S/camt.018.001.05_T2S

Business rules applicable to the schema

MESSAGE ITEM	DATA TYPE/ CODE	BUSINESS RULES
SystemDate Document/GetBizDayInf/BizDayInfQryDef/Crit/ NewCrit/SchCrit/SysDt	RestrictedISODate	IIMP116 [▶ Error! Bookmark not defined.] IIMP117 [▶ Error! Bookmark not defined.] IIMP118 [▶ Error! Bookmark not defined.] QMPC016 [▶ Error! Bookmark not defined.]
SystemCurrency Document/GetBizDayInf/BizDayInfQryDef/Crit/ NewCrit/SchCrit/SysCcy	ActiveCurrencyCode	IIMP116 [▶ Error! Bookmark not defined.] IIMP117 [▶ Error! Bookmark not defined.] IIMP118 [▶ Error! Bookmark not defined.]
Identification Document/GetBizDayInf/BizDayInfQryDef/Crit/ NewCrit/SchCrit/EvtTp/Prtry/Id	Exact4AlphaNumericText	OSAC003 [▶ Error! Bookmark not defined.] IIMP116 [▶ Error! Bookmark not defined.] IIMP117 [▶ Error! Bookmark not defined.] IIMP118 [▶ Error! Bookmark not defined.]
FromDateTime Document/GetBizDayInf/BizDayInfQryDef/Crit/ NewCrit/SchCrit/ClsrPrd/DtTmRg/FrDtTm	RestrictedISODateTime	QMPC015 [▶ Error! Bookmark not defined.] IIMP116 [▶ Error! Bookmark not defined.] IIMP117 [▶ Error! Bookmark not defined.] IIMP118 [▶ Error! Bookmark not defined.]
ToDateTime Document/GetBizDayInf/BizDayInfQryDef/Crit/ NewCrit/SchCrit/ClsrPrd/DtTmRg/ToDtTm	RestrictedISODateTime	QMPC015 [▶ Error! Bookmark not defined.] IIMP116 [▶ Error! Bookmark not defined.]

MESSAGE ITEM	DATA TYPE/ CODE	BUSINESS RULES
		IIMP117 [► Error! Bookmark not defined.] IIMP118 [► Error! Bookmark not defined.]

3.3.3.9.3 The message in business context

Query Type: T2S-Calendar Query

This query type enables the sender to request information about a specific calendar day for a specific currency.

Specific message requirements

To query BDM for Service T2S for a calendar day, the field RequestType must be filled with "CALE" and search criteria can be provided according to following table.

MESSAGE ITEM	DATA TYPE/ CODE	UTILISATION
Identification	Exact4AlphaNumericText_REQT_T2S	Fixed value "CALE"
Document/GetBizDayInf/MsgHdr/ReqTp/Prtry/ Id	TARGET Exact4AlphaNumericText_REQT BDM	
<u>Service</u> Document/GetBizDayInf/BizDayInfQryDef/Crit/ NewCrit/SchCrit/SysId/MktInfrstrctrId/Prtry	TARGET Exact4AlphaNumericText_REQT BDM	<u>Service for which the query is requested. Value "T2S" for T2S.</u>
SystemCurrency Document/GetBizDayInf/BizDayInfQryDef/Crit/ NewCrit/SchCrit/SysCcy	ActiveCurrencyCode	Currency
FromDateTime Document/GetBizDayInf/BizDayInfQryDef/Crit/ NewCrit/SchCrit/ClsrPrd/DtTmRg/FrDtTm	RestrictedISODateTime	Start date for the closure period
ToDateTime Document/GetBizDayInf/BizDayInfQryDef/Crit/ NewCrit/SchCrit/ClsrPrd/DtTmRg/ToDtTm	RestrictedISODateTime	End date for the closure period

Query type example: [camt.018.001.005-T2S-CalendarQuery_example.xml](#)

In this example a CB participating in T2S and associated to party code "NCBAXXYAAA" requests the calendar information for closure period for T2S starting from 20±020-10-01 and ending on 20±020-11-01 concerning EURUSD currency.

Query Type: T2S-Diary Query

This query type enables the sender to request information about the events for a business day.

Specific message requirements

To query ~~T2S~~ BDM for information about events for a business day of a specific service, the field RequestType must be filled with "DIAR" and search criteria can be provided according to following table.

MESSAGE ITEM	DATA TYPE/ CODE	UTILISATION
Identification Document/GetBizDayInf/MsgHdr/ReqTp/Prtry/ Id	Exact4AlphaNumericText_REQT_T2S <u>TARGET Exact4AlphaNumericText_REQT_BDM</u>	Fixed value "DIAR"
SystemDate Document/GetBizDayInf/BizDayInfQryDef/Crit/ NewCrit/SchCrit/SysDt	RestrictedISODate	Business date
<u>Service</u> Document/GetBizDayInf/BizDayInfQryDef/Crit/ NewCrit/SchCrit/SysId/MktInfrstrctrId/Prtry	TARGET Exact4AlphaNumericText_REQT_BDM	<u>Service for which the query is requested. Value "T2S" for T2S.</u>
SystemCurrency Document/GetBizDayInf/BizDayInfQryDef/Crit/ NewCrit/SchCrit/SysCcy	ActiveCurrencyCode	Currency
Identification Document/GetBizDayInf/BizDayInfQryDef/Crit/ NewCrit/SchCrit/EvtTp/Prtry/Id	Exact4AlphaNumericText	Event code

Query type example: ~~camt.018.001.05 T2S~~ DiaryQuery example.xml

In this example a CB participating in T2S and associated to party code "NCBAXXYAAA" requests information about all of the events for business day ~~20+020~~-10-01 for T2S service.

Query Type: Status of the ~~T2S~~ Settlement day query

This query type enables the sender to request current status of ~~T2S~~ settlement day for a specific service.

Specific message requirements

To query ~~BDM~~T2S for information about the current status of the ~~T2S~~ Settlement day for T2S service, field RequestType must be filled with "STAT" and SysDt must be current business date.

MESSAGE ITEM	DATA TYPE/ CODE	UTILISATION
Identification	Exact4AlphaNumericText_REQT_T2S	Fixed value "STAT"
Document/GetBizDayInf/MsgHdr/ReqTp/Prtry/Id	TARGET Exact4AlphaNumericText_REQT_BDM	
SystemDate	RestrictedISODate	Must match current business date
Document/GetBizDayInf/BizDayInfQryDef/Crit/NewCrit/SchCrit/SysDt		
Service	TARGET Exact4AlphaNumericText_REQT_BDM	Service for which the query is requested. Value "T2S" for T2S.
Document/GetBizDayInf/BizDayInfQryDef/Crit/NewCrit/SchCrit/SysId/MktInfrstrctrId/Prtry		

Query type example: ~~camt.018.001.05 T2S Status Example.xml~~ StatusoftheSettlementdayQuery_example.xml

In this example, assuming current business date is 201020-01-01, a CB participating in T2S and associated to party code "NCBAXXYAAA" requests information about the current system status for T2S service.

3.3.3.10 ReturnBusinessDayInformationV07 (camt.019.001.07)

3.3.3.10.1 Overview and scope of the message

This chapter illustrates the *ReturnBusinessDayInformationV07* message.

The *ReturnBusinessDayInformationV07* is sent by T2S and by BDM to all directly connected T2S Actors to provide with requested calendar information.

This message is sent by BDM T2S in the following message usages as response to camt.018.001.05 [**Error! Bookmark not defined.**]:

- | T2S Calendar Response;
- | T2S Diary Response;
- | Status of the T2S Settlement Day Response.

This message is sent by T2S in the following message usages:

- | Status of the T2S Settlement Day Notification;
- | Final NTS Message;
- | Currency Related Event Notification.

This message is sent in response of [camt.018.001.05](#) [~~Error! Bookmark not defined.~~]. These message usages are described in the section "The message in business context".

3.3.3.10.2 ~~The T2S-specific m~~Message

Outline of the schema

The *ReturnBusinessDayInformationV07* message is composed of the following message building blocks:

MessageHeader

This building block is mandatory and non repetitive. It contains the message identification ("NONREF" value can be used) an identification assigned by the sending party to uniquely and unambiguously identify the message.

ReportOrError

This building block is mandatory and non repetitive. It contains either the information matching the search criteria of the related query or an error indication.

It includes sections such as service, business date and for each event scheduled time of the event, updated scheduled time of the event, actual start time of the event, actual end time of the event, description of the event type and the event type code according to the query performed.

References/Links

The T2S-specific schema and documentation in HTML/PDF format as well as the message examples are provided outside of this document under the following link:

http://www.swift.com/mystandards/T2S/camt.019.001.07_T2S

Business rules applicable to the schema

Not applicable (T2S outgoing message)

3.3.3.10.3 *The message in business context*

Message usage: T2S-Calendar Response

This message usage provides the sender with requested information about a specific calendar day for a specific currency.

Specific message requirements

A T2S Calendar Response contains information on the system date, currency and closure information.

MESSAGE ITEM	DATA TYPE/ CODE	UTILISATION
<u>Service</u> <u>/Document/RtrBizDayInf/RptOrErr/BizRpt/SysId/MktInfrstrctrId/Prtry</u>	TARGET ServicesType BDM	<u>Service for which the query is requested</u>

MESSAGE ITEM	DATA TYPE/ CODE	UTILISATION
SystemDate Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysDt	RestrictedISODate	Business date queried
SystemCurrency Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/SysCcy	ActiveCurrencyCode	Currency for which the calendar information is queried
Code Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/ClsrInf/Rsn/Cd	SystemClosureReason1Code [▶ Error! Bookmark not defined.]	Reason why the system is closed for the specified currency.

The returned business data in case of an error response is listed below:

MESSAGE ITEM	DATA TYPE/ CODE	UTILISATION
Proprietary Document/RtrBizDayInf/RptOrErr/OprlErr/Err/Prtry	Max4AlphaNumericText	T2S Specific error code as specified in the error code table
Description Document/RtrBizDayInf/RptOrErr/OprlErr/Desc	Max140Text <u>TARGET RestrictedFINXMax140Text</u>	Textual description in addition to the reported T2S specific error code

Message usage example: ~~amt.019.001.07~~ ~~T2S~~ CalendarResponse example.xml

In this example a CB participating in T2S and associated to party code "NCBAXXYAAA" receives the closure information for 2010-10-01 and ~~USD~~ EUR currency for T2S.

System has been closed due to a Bank Holiday.

Message usage: ~~T2S~~ Diary Response

This message usage provides the sender with information about the events for a business day.

Specific message requirements

A ~~T2S~~ Diary Response contains information on the system date, event type, scheduled and effective timing.

MESSAGE ITEM	DATA TYPE/ CODE	UTILISATION
<u>Service</u> <u>/Document/RtrBizDayInf/RptOrErr/BizRpt/SysId/MktInfrstrctrId/Prtry</u>	<u>TARGET ServicesType_BDM</u>	<u>Service for which the query is requested</u>

MESSAGE ITEM	DATA TYPE/ CODE	UTILISATION
SystemDate Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysDt	RestrictedISODate	Business date
SystemCurrency Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/SysCcy	ActiveCurrencyCode	Currency
Identification Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Id	Exact4AlphaNumericText	Code identifying the event described
ScheduledTime Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldIdTm	RestrictedISODateTime	Scheduled time for the event
EffectiveTime Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/FctvTm	RestrictedISODateTime	Effective time for the event
StartTime Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/StartTm	RestrictedISODateTime	Actual start time for the event
EndTime Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/EndTm	RestrictedISODateTime	Actual end time for the event

The returned business data in case of an error response is listed below:

MESSAGE ITEM	DATA TYPE/ CODE	UTILISATION
Proprietary Document/RtrBizDayInf/RptOrErr/OprlErr/Err/Prtry	Max4AlphaNumericText	T2S specific error code as specified in the error code table
Description Document/RtrBizDayInf/RptOrErr/OprlErr/Desc	Max140Text <u>TARGET RestrictedFINXMax140Text</u>	Textual description in addition to the reported T2S specific error code

Message usage example: [camt.019.001.07-T2S-DiaryResponse_example.xml](#)

In this example a CB participating in T2S and associated to party code "NCBAXXYAAA" receives information about the events occurred for business day 2010-01-01 linked to EUR currency.

The Start-of-Day was scheduled at 7:00 a.m. but started 5 minutes later and lasted 6 seconds.

The End-of-Day, initially foreseen at 18:00, was delayed at 18:15 but started at 18:20 lasting one minute.

Message usage: Status of the T2S Settlement Day Response

This message usage provides the sender with the current status of the T2S settlement day for a specific service.

Specific message requirements

A Status of the T2S-Settlement Day response contains information on the current status of the system and the time in which this became effective.

MESSAGE ITEM	DATA TYPE/ CODE	UTILISATION
MessageIdentification Document/RtrBizDayInf/MsgHdr/OrgnlBizQry/ MsgId	RestrictedFINXMax16Text	Reference of the originating query
Service /Document/RtrBizDayInf/RptOrErr/BizRpt/SysI d/MktInfrstrctrId/Prtry	TARGET ServicesType_BDM	Service for which the query is requested
SystemDate Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysDt	RestrictedISODate	Business date for the status reported
Identification Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysSts/Sts/Prtry/Id	Exact4AlphaNumericText_STAT_T2S [Error! Bookmark not defined.] TARGET Exact4AlphaNumericText_STAT_ BDM	Status of the system
ValidityTime Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysSts/VldtyTm	DateTimePeriod1Choice_1	Time in which the current status became effective

The returned business data in case of an error response is listed below:

MESSAGE ITEM	DATA TYPE/ CODE	UTILISATION
Proprietary Document/RtrBizDayInf/RptOrErr/OprlErr/Err/ Prtry	Max4AlphaNumericText	T2S sSpecific error code as specified in the error code table
Description Document/RtrBizDayInf/RptOrErr/OprlErr/Desc	Max140Text TARGET RestrictedFINXMax140Text	Textual description in addition to the reported T2S specific error code

Message usage example: camt.019.001.07-T2S-Status-Example.xml

StatusoftheSettlementdayResponse example.xml

In this example, assuming current business date is 2010-01-01, a CB participating in T2S and associated to party code "NCBAXXYAAAA" is reported that the current status of T2S is "RTMS" (Real-time settlement) starting from 7:05.

Message usage: Status of the T2S Settlement Day Notification

This message usage provides the party which opted for receiving this message with the status of the T2S settlement day as it changes. Message is pushed to the subscriber.

Specific message requirements

A Status of the T2S Settlement day notification contains information on the new status of the system and the time in which this became effective.

MESSAGE ITEM	DATA TYPE/ CODE	UTILISATION
SystemDate Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysDt	RestrictedISODate	Business date for the status reported
Identification Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysSts/Sts/Prtry/Id	Exact4AlphaNumericText_STAT_T2S [Error! Bookmark not defined.] TARGET Exact4AlphaNumericText_STAT_BDM	Status of the system
ValidityTime Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysSts/VldtyTm	DateTimePeriod1Choice_1	Time in which the current status became effective

Message usage example: camt.019.001.007 T2S StatusNotification Example.xml

In this example, assuming current business date is 2010-01-01, a CB participating in T2S and associated to party code "NCBAXXYAAAA" is notified about status of T2S has become "RTMP" (Real-time processing) starting from 7:05.

Message usage: Final NTS Message

This message usage notifies the receiver that the night-time settlement cycle file bundling has been done and provides with the count of files produced during that phase.

Specific Message requirements

A Final NTS Message notification contains information on the end of night-time settlement cycle file bundling and the count of files produced during that phase.

If no night-time settlement activity is performed for a recipient, a Final NTS Message notification is sent to report that no files have been created.

The message will include a single "0" in the field used for providing the count of files.

MESSAGE ITEM	DATA TYPE/ CODE	UTILISATION
SystemDate Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysDt	RestrictedISODate	Business date for the night-time settlement phase
Identification Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysSts/Sts/Prtry/Id	Exact4AlphaNumericText_STAT_T25 Error! Bookmark not defined. TARGET Exact4AlphaNumericText_STAT_BDM	Fixed value "FNTPS"
ValidityTime Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysSts/VldtyTm	DateTimePeriod1Choice_1	Time in which the current status became effective
Proprietary Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/ClsrInf/Rsn/Prtry	Max35Text	Count of night-time settlement files produced for the recipient

Message usage example: [camt.019.001.07 FNTPS status notification.xml](#)

In this example, assuming current business date is 2010-01-01, the recipient is informed that the night-time settlement cycle file bundling has been done and that 100 files have been produced.

Message usage: Currency Related Event Notification

Message usage example: [camt.019.001.07 Currency related event notification.xml](#)

This message usage notifies the receiver that a business event linked to a currency has been executed.

Specific Message requirements

A Currency Related Event notification contains information on the execution of the business event linked to a specific currency.

MESSAGE ITEM	DATA TYPE/ CODE	UTILISATION
SystemDate Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysDt	RestrictedISODate	Business date for the reported business event
Identification Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysSts/Sts/Prttry/Id	Exact4AlphaNumericText_STAT_T2S [Error! Bookmark not defined.] TARGET Exact4AlphaNumericText_STAT_BDM	Status of the System "RTMC"
ValidityTime Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysSts/VldtyTm	DateTimePeriod1Choice_1	Time in which the current status became effective
SystemCurrency Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/SysCcy	ActiveCurrencyCode	Currency linked to the reported business event
Identification Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Id	Exact4AlphaNumericText	Business event linked to a currency
ScheduledTime Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	RestrictedISODateTime	Scheduled time for the reported business event

Message usage example: camt.019.001.07 Final NTS Message

In this example, assuming current business date is 2017-01-01, the recipient is informed that the IDVP event for Euro settlement has run at 16:00.