EASI Link® Service

Appendix B - XML Document Format

Version 14.1.0

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Revision History

Version	Date	Description of Revision
12.6.0	02/12/2019	For EBill Presentment History Filename description for split files were added, Blank space formatting removed.
12.6.1	02/26/2019	For Payee Registry File: Updated notes section of "ElecBiller" nodes to state when nodes will be present (only for sites enabled for eBills and when ElecBillerStatus is Alw).
12.6.2	02/26/2019	Payee Modification Request section: Line 55 - from <cnb:QuesDesc/> to <cnb:QuesCode/> Payee Modification Response section: Line 55 - from <cnb:QuesDesc/> to <cnb:QuesCode/> Line 75 – Added xml node to be <cnb:QuesType/> Line 76 – Xml node <cnb:QuesCode/> value will be coming from iPay that will be related to MFA/OTA Authentication Questions.
12.6.2	03/01/2019	Added the xml node(s) <cnb:ElecBillerAcctErrExist/> and<cnb:ElecBillerAcctErrDesc/> under Payee Registry File section.
12.6.2	03/06/2019	Added new EnrollType (LoginFailure) under PayeeModification Request Line 48 Added a new value in Payee Modification Response Line 75 Added description under Edit Info column for Payee Modification Response Line(s) 76-77
12.6.2	04/03/2019	Modified Outsourced Check Printing Add Request section Line 59 (Edit Info column) and Line 60 (Country xml tag, added CAN) Added the Escaping XML Data section
12.6.2	05/17/2019	Added LOAN as additional AcctType in Domestic ACH Request section – Line 43, change was already implemented in EASI Release 12.5.0
12.6.2	05/20/2019	Added missing Email Remittance information (<EmailAddr/>) in ACH (Domestic ACH Request/International ACH Request) and Wire Transfer (Domestic Wire Transfer Request / International Wire Transfer Request) sections
12.7.0	4/03/2019	Added Image Deposit Item section Modified Transaction Image Response section: Added Company Name - Line 27 Modified TrnType - Line 55 Added <RefInfo> section – Line 60 that will display <RefType/> and <RefId/>
12.7.0	4/29/2019	Image Deposit Item Response Line 51 – Added detail about how Bank Reference No works.
12.7.0	4/30/2019	Image DDA Statement File section: Added Data File Naming Convention for PDF files
12.7.0	5/08/2019	Image Deposit Item Response Line 26 – Added TPAS ID = CustLogin Line 48 – Added comments about Serial Number Fix Typos
12.8.0	07/25/2019	ACH Request Line 71 – Modified the max characters for CTX Memo field International Wire Request Modified Business Rule / Business accounts section – After Cutoff statement – Removed Int'l USD Line 73 – Added **QUOTERQUID** value under RefType Line 74 – Added comments for Real-time FX Quote

		eBills – Multiple eBiller information for new enrollment Payee Modification Request – Line 33 <BillerNum/> Payee Modification Response – Line 66 <BillerNum/> Payee Registry File – Line 48 <cnb:BPVendorID/>
12.9.0	11/26/2019	Image Deposit Items Removed the echos in response schema. The service is file push out only. Pos Pay Decision Status Mod update to include Refer to Maker. Exchange Rate Inquiry Updates for Real Time Exchange Rate Inquiry. Addition of Direct/Indirect Convert rule for rate tier calculations. Image Residual Remittance New Service definition replacing Image Residual Statements International Wire Add new enumeration to refid
12.10.0	12/20/2019	BP – Payee Modify -Added Payee Modification Request/Response – Payee Information section -Removed SFTP/FTP Data Transmission for PayeeModification - eBills enrollment and Payee Modification – Payee Information -Added the missing element <BillingAcct/> in the Payee Modification Response – Payee Information – Line 81 Set the default value of the element <PhoneType/> to "DayPhone" – Line 75
12.10.0	01/31/2020	Residual Remittance Image File Line 43 – Value of <RefId/> will be the PaymentID
12.10.0	02/25/2020	International ACH Transaction – Available only for Business Accounts
13.0.0	02/27/2020	RithmPay Service - Added RithmPay Payment Request/Response Added RithmPay Vendor Registry File structure
13.0.0	04/02/2020 04/21/2020	RithmPay Service Added Vendor Status element – values will be either Active or Inactive Updated Payee Registry / Vendor Registry File availability
13.1.1	08/11/2020	IAT – International ACH Payee Addr1 – Required Payee City – Required Payee State – Required Payee Postal Code – Required OCP Request - Payer Name Line break allowed <Memo/> BP CustPayeeID – CNBPayeeID
13.2.0	09/30/2020	IAT – International ACH Remove Payee Addr2 Update StateProv max chars
14.1.0	11/16/2020	OCP Updated Edit info column for Addr1, City, StateProv, PostalCode, and Country with append "; optional if Delivery Instruction is SendToPayer, create empty tag" Updated Edit info column for CurAmt/Amt, Invoice Document Amount, Invoice Discount Amount, Invoice Adjustment Amount, and Invoice Net Amount; Maximunt value to 999,999,999.00

Overview

This appendix describes the format of XML documents for transmissions between CNB and TPAS. The basis for transaction requests and responses is IFX standard. CNB developed a wrapper schema around IFX to encapsulate request types that are not directly supported by IFX.
IFX schema was kept intact whenever possible however several modifications were made to ensure that IFX requests are compatible with CNB backend systems.
Changes to IFX schema:

1. Add <IFX><BankSvcRs><StopChkAddRq><ChkRange><OrigDt> element
2. Add <IFX><BankSvcRs><StopChkAddRq><ChkRange><Desc> element
3. Add <IFX><BankSvcRs><StopChkAddRs><ChkRange><OrigDt> element
4. Add <IFX><BankSvcRs><StopChkAddRs><ChkRange><Desc> element
5. Make <IFX><PaySvcRs><PmtAddRs><AsyncRqUID> optional
6. Make <IFX><PaySvcRq><PmtAddRq><PmtInfo><PayerInfo><OrgId> optional
7. Make <IFX><PaySvcRs><PmtAddRs><PmtRec><PmtInfo><PayerInfo><OrgId> optional

The legend for the Comments field is as follows: **Bold** - Actual value, [...] - substitute value, *Italic* – sample.

Data Types

Date and DateTime

There are 2 distinct formats for expressing dates and times: **Date** and **DateTime**.

- **Date** format is specified as a date without time portion: yyyy-mm-dd. Examples:
  2007-01-02 – January 2nd 2007 in all time zones.
- **DateTime** format is specified as date/time with time zone offset: yyyy-mm-ddThh:mm:ss-hh:mm.
  Examples:
  2007-01-02T12:00-08:00 – Noon on January 2nd in Pacific Time Zone or 8 PM on January 2nd in Coordinated Universal Time (UTC).

UID

UID is Unique Identifier that is used to identify transactions. UID is 32 byte string encoded in hexadecimal format: XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX where X is 0-9a-f.
Example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1.

Escaping XML Data

Adding control characters ('<', '>', ''', '"', '&') into xml data can cause the parser to miss understand the resulting data. The solution is to escape the control characters so that the parser can interpret them correctly as data, and not confuse them for markup.

The following is a list of all the built in replacements

Char	Escape String
<	<
>	>
"	"
'	'
&	&

These can be used within XML attributes, elements, text and processing instructions.

General Rules on Tags

Optional tags that do not contain data should be omitted from a document. When all tags within an aggregate are omitted, the aggregate should also be omitted.

This rule is strictly enforced on date and amount tags: Null optional date or amount tags will cause the document to reject with a status code of 200.

WSDL & XSD Schema

WSDL for EASI web services are available upon request.

XSD schema is available upon request. The schema is subject to change with every new release. CNB developed a wrapper schema around IFX to encapsulate request types that are not directly supported by IFX. The developed schema is a combination of a subset of IFX 1.7 schema combined with some CNB specific definitions. In this appendix, the CNB types are designated with the cnb namespace, all others are IFX.

Message Validation

EASI Link conducts two validations of the received requests. The request is validated against the latest version of the XSD schema. If the the validation fails to pass the schema validation, a status 200 error message will be returned with an additional status 202 with the description of the offending element(s) without the echo of the original transaction. The request message will not enter the EASI Link system if it doesn't pass this validation. Here is an example of the response to a request message failing schema validation on a Name element whose length is greater than the IFX defined maximum length for that type:


```xml
<?xml version="1.0"?>
<cnb:CNBEASI xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:ifx="urn:ifxforum-org:XSD:1"
xmlns:cnb="urn:cnb-com-EASI:XSD:1">
	<cnb:BatchId>FC48CC30-4F3E-4fa1-803B-AD0E196A83B1</cnb:BatchId>
	<ifx:IFX>
		<ifx:Status>
			<ifx:StatusCode>200</ifx:StatusCode>
			<ifx:Severity>E</ifx:Severity>
			<ifx:StatusDesc>Format error from TPAS</ifx:StatusDesc>
			<ifx:AdditionalStatus>
				<ifx:StatusCode>202</ifx:StatusCode>
				<ifx:Severity>E</ifx:Severity>
				<ifx:StatusDesc>The 'urn:ifxforum-org:XSD:1:Name' element is invalid - The value 'This Name is longer
than IFX definition of 40 characters' is invalid according to its datatype 'urn:ifxforum-org:XSD:1:Name_Type' - The actual length
is greater than the MaxLength value.</ifx:StatusDesc>
			</ifx:AdditionalStatus>
		</ifx:Status>
	</ifx:IFX>
</cnb:CNBEASI>
```


If the schema passes the first validation then the request will enter EASI Link and then be validated against the "Edit Info" as described in the fourth column of the service requests. If the message fails this validation, a status 200 error message will be returned with an additional status 202 with the description of the offending element(s) with the echo of the original transaction.

Services

There are two service categories. The **Transactional** category includes all services that involve monetary transactions. The **Information Reporting** category includes all services that reports information to the users of the services.

Transactional Services

Services within the Transaction category are grouped by the method of transactions.

ACH Services

Domestic ACH

Business Rules

Communication	Web Services & Data Transmission
Protocol	SOAP 1.1, SOAP 1.2, FTP, SFTP
Service Availability	3am to 11pm PT Monday thru Saturday
Service Cutoff	6pm PT Monday thru Friday
Transaction	Future dated up to 30 calendar days
Data Transmission Naming Convention	EASI_Tran.<siteID>.<yyyymmddnnnn>.xml

ACH Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<PaySvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<PmtAddRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<PmtInfo>		
29	<PayerInfo>	**<Debit party information>**	
30	<OrgInfo>		
31	<Name/>	Company Name	Required – max 16 characters [40]*
32	</OrgInfo>		
33	<OrgId>	Optional	
34	<OrgIdType/>	**ACH**	
35	<OrgIdNum/>	ACH ID optional	If ACH ID not specified, <DepAcctIdFrom> account must be associated with a single ACH ID, otherwise the transaction will be rejected.
36	</OrgId>		
37	</PayerInfo>		
38	<RemitInfo>		

* Numbers in brackets [40] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 16)

Line	XML format	Comments	Edit Info
39	<SettlementInfo>		
40	<SettlementMethod/>	**ACH** for credit or **DirDebACH** for debit	
41	<DepAcctId>		
42	<AcctId/>	[Receiver account number]	Required - max 17 numeric
43	<AcctType/>	**DDA, SDA** or **LOAN**	LOAN is valid only when settlement method is ACH
44	<BankInfo>		
45	<BankIdType/>	**ABA**	
46	<BankId/>	[Receiving bank ABA]	Required – 9 digits valid ABA
47	</BankInfo>		
48	</DepAcctId>		
49	<Memo/>	Company discretionary data (not used)	max 20 characters
50	<PmtInstruction>		
51	<PmtFormat/>	Standard Entry Class: **PPD, CCD** or **CTX**	Required
52	</PmtInstruction>		
53	</SettlementInfo>		
54	<CustPayeeInfo>		
55	<FSPayee>		
56	<PostAddr>		
57	<Addr1/>	Tag is required, create empty tag if there's no address	max 35 characters
58	<Addr2/>	optional	max 35 characters
59	<City/>	optional	max 20 characters
60	<StateProv/>	optional	2 characters
61	<PostalCode/>	optional	max 10 characters
62	<Country/>	**USA,** required	ISO-3166 3-letter codes
63	</PostAddr>		
64	<ContactInfo>		
65	<ContactName/>	[Receiver's name]	Required - max 22 characters [40] * For CTX, max is 16 characters
66	<EmailAddr/>	[Payee's email address] Remittance email will be sent with ACH payment details[1]	Optional – Max 128 characters Max 2 Emails. Separated by semicolon.
67	</ContactInfo>		
68	</FSPayee>		
69	</CustPayeeInfo>		
70	<PmtId/>	Transactions with the same PmtID within a batch will be grouped together and sent as one ACH batch	Optional - Max 36 characters
71	<Memo/>	[Addenda], optional	Max 80 characters for PPD and CCD Max 8000 characters for CTX
72	<BillingAcct/>	[Payer Identifier with Payee], optional	Max 15 characters [32]*
73	<CurAmt>		
74	<Amt/>	Amount	Required - Maximum value 99,999,999.99; if zero, transaction is assumed to be a Prenote
75	</CurAmt>		
76	</RemitInfo>		
77	<DepAcctIdFrom>		
78	<AcctId/>		Required – If ACH ID is not specified, account must be associated with a single ACHID otherwise the transaction will be rejected.
79	<AcctType/>	**DDA**	
80	<BankInfo>		
81	<BankIdType/>	**ABA**	
82	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
83	</BankInfo>		
84	</DepAcctIdFrom>		
85	<Category/>	Sender Entry Description	Required – max 10 characters [40]*
86	<PrcDt/>	Effective Date	Required - **yyyy-mm-dd**; must be within 30 days
87	</PmtInfo>		
88	</PmtAddRq>		
89	</PaySvcRq>		
90	</IFX>		
91	</cnb:CNBEASI>		

* Numbers in brackets [40] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 16)

1 For email details please see Appendix A

CNB will batch ACH transactions only when requested (see below).
In ACH, batching means that all transactions that comprise the batch will result in a single offset transaction to the payer. ACH transactions will be batched when transactions include a common <PmtId/> within a document, and these same elements (numbers in parenthesis reference the line number in the XML document):

- <SettlementMethod/> (40)
- <Name/> (31) Debit party name
- <OrgIdNum/> (35) ACHID; if not specified then the Deposit Account <AcctId/> (78) must be the same
- <PmtFormat/>(51)
- <Category/>(85)
- <PrcDt/>(86)

ACH Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<PaySvcRs>		
4	<RqUID/>	echo of original transaction	
5	<PmtAddRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error, Warn,** or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	Typically 202
12	<Severity/>	**Error, Warn,** or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<PmtRec>		
29	<PmtId/>	**ACH Batch Number**	Unique identifier of ACH batch
30	<PmtInfo>	echo of original transaction	
31	<PayerInfo>	echo of original transaction	
32	<OrgInfo>	echo of original transaction	
33	<Name/>	echo of original transaction	
34	</OrgInfo>	echo of original transaction	
35	<OrgId>	echo of original transaction	
36	<OrgIdType/>	echo of original transaction	
37	<OrgIdNum/>	echo of original transaction	
38	</OrgId>	echo of original transaction	
39	</PayerInfo>	echo of original transaction	
40	<RemitInfo>	echo of original transaction	
41	<SettlementInfo>	echo of original transaction	
42	<SettlementMethod/>	echo of original transaction	
43	<DepAcctId>	echo of original transaction	
44	<AcctId/>	echo of original transaction	
45	<AcctType/>	echo of original transaction	
46	<BankInfo>	echo of original transaction	
47	<BankIdType/>	echo of original transaction	
48	<BankId/>	echo of original transaction	
49	</BankInfo>	echo of original transaction	
50	</DepAcctId>	echo of original transaction	
51	<Memo/>	echo of original transaction	
52	<PmtInstrucn>	echo of original transaction	
53	<PmtFormat/>	echo of original transaction	
54	</PmtInstruction>	echo of original transaction	
55	</SettlementInfo>	echo of original transaction	
56	<CustPayeeInfo>	echo of original transaction	
57	<FSPayee>	echo of original transaction	
58	<PostAddr>	echo of original transaction	
59	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
60	<Addr2/>	echo of original transaction	
61	<City/>	echo of original transaction	
62	<StateProv/>	echo of original transaction	
63	<PostalCode/>	echo of original transaction	

Line	XML format	Comments	Edit Info
64	<Country/>	echo of original transaction	
65	</PostAddr>	echo of original transaction	
66	<ContactInfo>	echo of original transaction	
67	<ContactName/>	echo of original transaction	
68	<EmailAddr/>	echo of original transaction	
69	</ContactInfo>	echo of original transaction	
70	</FSPayee>	echo of original transaction	
71	</CustPayeeInfo>	echo of original transaction	
72	<PmtId/>	echo of original transaction	
73	<Memo/>	echo of original transaction	
74	<BillingAcct/>	echo of original transaction	
75	<CurAmt>	echo of original transaction	
76	<Amt/>	echo of original transaction	
77	</CurAmt>	echo of original transaction	
78	</RemitInfo>	echo of original transaction	
79	<DepAcctIdFrom>	echo of original transaction	
80	<AcctId/>	echo of original transaction	
81	<AcctType/>	echo of original transaction	
82	<BankInfo>	echo of original transaction	
83	<BankIdType/>	echo of original transaction	
84	<BankId/>	echo of original transaction	
85	</BankInfo>	echo of original transaction	
86	</DepAcctIdFrom>	echo of original transaction	
87	<Category/>	echo of original transaction	
88	<PrcDt/>	echo of original transaction, or the modified effective date Normally per NACHA settlement rules, sending and receiving parties are settled on the same (Effective) date.	If StatusCode on line 7 is ‘10’, this field will reflect the modified Effective Date because of a late release
89	</PmtInfo>	echo of original transaction	
90	<PmtStatus>		
91	<PmtStatusCode/>	**Scheduled, Processed, Cancelled, Failed**	
92	<EffDt/>	Date and time of the status or real time transaction response	**yyyy-mm-ddThh:mm:ss-hh:mm**
93	<PmtMethod/>	**ACH**	
94	</PmtStatus>		
95	<CreatedDt/>	ACH file creation date	**yyyy-mm-dd** 1900-01-01 if not sent to the ACH system
96	</PmtRec>		
97	</PmtAddRs>		
98	</PaySvcRs>		
99	</IFX>		
100	</cnb:CNBEASI>		

International ACH

Business Rules

Communication	Web Services & Data Transmission
Protocol	SOAP 1.1, SOAP 1.2, FTP, SFTP
Service Availability	3am to 11pm PT Monday thru Saturday
Service Cutoff	6pm PT Monday thru Friday
Transaction	Only available for Business Accounts Future dated up to 30 calendar days
Data Transmission Naming Convention	EASI_Tran.<siteID>.<yyyymmddnnnn>.xml

International ACH Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<PaySvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<PmtAddRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<PmtInfo>		
29	<PayerInfo>	**<Debit party information>**	
30	<OrgInfo>		
31	<Name/>	Company Name	Required – max 16 characters [40][*]
32	</OrgInfo>		
33	<OrgId>	Optional	
34	<OrgIdType/>	**ACH**	
35	<OrgIdNum/>	ACH ID optional	If ACH ID not specified, <DepAcctIdFrom> account must be associated with a single ACH ID, otherwise the transaction will be rejected.
36	</OrgId>		
37	</PayerInfo>		
38	<RemitInfo>		
39	<SettlementInfo>		
40	<SettlementMethod/>	**ACH**	
41	<DepAcctId>		

[*] Numbers in brackets [40] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 16)

Line	XML format	Comments	Edit Info
42	<AcctId/>	[Receiver account number]	Required - max 32 CLABE – Mexico Europe – IBAN Canada - Recipient's account number (typically includes branch number as first 4 or 5 digits)
43	<AcctType/>	**DDA** or **SDA**	
44	<BankInfo>		
45	<BankIdType/>	**SWIFT,** **IBAN,** **ABM,** **or CACPA**	SWIFT - BIC ABM - Mexico CACPA - Canadian Payments Association Payment Routing Number
46	<BankId/>	[Receiving Bank Identification]	Required – max 34
47	<Name/>	[Receiving Bank Name]	Required – max 35
48	<Country/>	[Receiving Bank Branch Country Code]	Required - ISO-3166 3-letter codes
49	</BankInfo>		
50	</DepAcctId>		
51	<Memo/>	Company discretionary data (not used)	max 20 characters
52	<PmtInstruction>		
53	<PmtFormat/>	Standard Entry Class: **IAT**	Required
54	</PmtInstruction>		
55	</SettlementInfo>		
56	<CustPayeeInfo>		
57	<FSPayee>		
58	<PostAddr>		
59	<Addr1/>	Required	max 35 characters
60	<City/>	Required	max 20 characters
61	<StateProv/>	Required	Max 13 characters
62	<PostalCode/>	Required	max 10 characters
63	<Country/>	Required	ISO-3166 3-letter codes
64	</PostAddr>		
65	<ContactInfo>		
66	<ContactName/>	[Receiver's name]	Required - max 35 characters [40] *
67	<EmailAddr/>	[Payee's s email address] Remittance email will be sent with ACH payment details[1]	Optional – max 128 characters. Max 2 Emails. Separated by semicolon.
68	</ContactInfo>		
69	</FSPayee>		
70	</CustPayeeInfo>		
71	<PmtId/>	Transactions with the same PmtID within a batch will be grouped together and sent as one ACH batch	Optional - Max 36 characters
72	<Memo/>	[Addenda], optional	Max 80 characters
73	<BillingAcct/>	[Payer Identifier with Payee], optional	Max 15 characters [32]*
74	<CurAmt>		
75	<Amt/>	Amount	Required – In USD Maximum value 99,999,999.99; if zero, transaction is assumed to be a Prenote
76	<CurCode/>	Destination Currnecy Code	Required – 3 letter ISO-4217 currency code. E.g. USD, EUR
77	</CurAmt>		
78	</RemitInfo>		
79	<DepAcctIdFrom>		
80	<AcctId/>		Required – If ACH ID is not specified, account must be associated with a single ACHID otherwise the transaction will be rejected.
81	<AcctType/>	**DDA**	
82	<BankInfo>		
83	<BankIdType/>	**ABA**	
84	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
85	</BankInfo>		
86	</DepAcctIdFrom>		
87	<Category/>	Sender Entry Description	Required – max 10 characters [40]*

* Numbers in brackets [40] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 16)

1 For email details please see Appendix A

Line	XML format	Comments	Edit Info
88	<PrcDt/>	Effective Date	Required - **yyyy-mm-dd**; must be within 30 days
89	</PmtInfo>		
90	</PmtAddRq>		
91	</PaySvcRq>		
92	</IFX>		
93	</cnb:CNBEASI>		

CNB will batch ACH transactions only when requested (see below).
In ACH, batching means that all transactions that comprise the batch will result in a single offset transaction to the payer. ACH transactions will be batched when transactions include a common <PmtId/> within a document, and these same elements (numbers in parenthesis reference the line number in the XML document):

- <SettlementMethod/> (40)
- <Name/> (31) Debit party name
- <OrgIdNum/> (35) ACHID; if not specified then the Deposit Account <AcctId/> (81) must be the same
- <PmtFormat/>(53)
- <Category/>(88)
- <PrcDt/>(89)

International ACH Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<PaySvcRs>		
4	<RqUID/>	echo of original transaction	
5	<PmtAddRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error**, **Warn**, or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	Typically 202
12	<Severity/>	**Error**, **Warn**, or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<PmtRec>		
29	<PmtId/>	**ACH Batch Number**	Unique identifier of ACH batch
30	<PmtInfo>	echo of original transaction	
31	<PayerInfo>	echo of original transaction	
32	<OrgInfo>	echo of original transaction	
33	<Name/>	echo of original transaction	
34	</OrgInfo>	echo of original transaction	
35	<OrgId>	echo of original transaction	
36	<OrgIdType/>	echo of original transaction	
37	<OrgIdNum/>	echo of original transaction	
38	</OrgId>	echo of original transaction	
39	</PayerInfo>	echo of original transaction	
40	<RemitInfo>	echo of original transaction	
41	<SettlementInfo>	echo of original transaction	
42	<SettlementMethod/>	echo of original transaction	
43	<DepAcctId>	echo of original transaction	
44	<AcctId/>	echo of original transaction	
45	<AcctType/>	echo of original transaction	
46	<BankInfo>	echo of original transaction	
47	<BankIdType/>	echo of original transaction	
48	<BankId/>	echo of original transaction	
49	<Name/>	echo of original transaction	
50	<Country/>	echo of original transaction	
51	</BankInfo>	echo of original transaction	
52	</DepAcctId>	echo of original transaction	
53	<Memo/>	echo of original transaction	
54	<PmtInstrucn>	echo of original transaction	
55	<PmtFormat/>	echo of original transaction	
56	</PmtInstruction>	echo of original transaction	
57	</SettlementInfo>	echo of original transaction	
58	<CustPayeeInfo>	echo of original transaction	
59	<FSPayee>	echo of original transaction	
60	<PostAddr>	echo of original transaction	
61	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
62	<Addr2/>	echo of original transaction	
63	<City/>	echo of original transaction	

Line	XML format	Comments	Edit Info
64	<StateProv/>	echo of original transaction	
65	<PostalCode/>	echo of original transaction	
66	<Country/>	echo of original transaction	
67	</PostAddr>	echo of original transaction	
68	<ContactInfo>	echo of original transaction	
69	<ContactName/>	echo of original transaction	
70	<EmailAddr/>	echo of original transaction	
71	</ContactInfo>	echo of original transaction	
72	</FSPayee>	echo of original transaction	
73	</CustPayeeInfo>	echo of original transaction	
74	<PmtId/>	echo of original transaction	
75	<Memo/>	echo of original transaction	
76	<BillingAcct/>	echo of original transaction	
77	<CurAmt>	echo of original transaction	
78	<Amt/>	echo of original transaction	
79	<CurCode/>	echo of original transaction	
80	</CurAmt>	echo of original transaction	
81	</RemitInfo>	echo of original transaction	
82	<DepAcctIdFrom>	echo of original transaction	
83	<AcctId/>	echo of original transaction	
84	<AcctType/>	echo of original transaction	
85	<BankInfo>	echo of original transaction	
86	<BankIdType/>	echo of original transaction	
87	<BankId/>	echo of original transaction	
88	</BankInfo>	echo of original transaction	
89	</DepAcctIdFrom>	echo of original transaction	
90	<Category/>	echo of original transaction	
91	<PrcDt/>	echo of original transaction, or the modified effective date Normally per NACHA settlement rules, sending and receiving parties are settled on the same (Effective) date.	If StatusCode on line 7 is '10', this field will reflect the modified Effective Date because of a late release
92	</PmtInfo>	echo of original transaction	
93	<PmtStatus>		
94	<PmtStatusCode/>	**Scheduled, Processed, Cancelled, Failed**	
95	<EffDt/>	Date and time of the status or real time transaction response	**yyyy-mm-ddThh:mm:ss-hh:mm**
96	<PmtMethod/>	**IAT**	
97	</PmtStatus>		
98	<CreatedDt/>	ACH file creation date	**yyyy-mm-dd** 1900-01-01 if not sent to the ACH system
99	</PmtRec>		
100	</PmtAddRs>		
101	</PaySvcRs>		
102	</IFX>		
103	</cnb:CNBEASI>		

Bill Payment Services

Bill Payment

Business Rules

Communication	Web Services & Data Transmission
Protocol	SOAP 1.1, SOAP 1.2, FTP, SFTP
Service Availability	3am to 11pm PT Monday thru Saturday
Service Cutoff	9:50 am PT – Monday thru Friday
Transaction	Future dated up to 365 calendar days
Data Transmission Naming Convention	EASI_Tran.<siteID>.<yyyymmddnnnn>.xml

Bill Pay Add Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<PaySvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<PmtAddRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<PmtInfo>		
29	<RemitInfo>		
30	<SettlementInfo>		
31	<SettlementMethod/>	**ePay, OutsourcedCheck**	ePay – pay electronic if possible; will pay by check if payee does not accept electronic payment, or initial set up OutsourcedCheck - pay by check regardless of whether payee accepts electronic payment or not
32	<Memo/>	Additional memo field for checks	Optional – max 80 chars [255] [*] Omit this field for electronic payment. If this field is provided, the payment will be by check regardless of SettlementMethod.
33	</SettlementInfo>		
34	<ChkInfo>		
35	<ChkNum/>	Required	Max 10 characters numeric – Datafaction wanted to use their check numbers, so we had to require it on all BP trans. in case ORCC could not send electronic.
36	</ChkInfo>		

[*] Numbers in brackets [255] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 80)

Line	XML format	Comments	Edit Info
37	<CustPayeeId/>	CNB Payee ID	Optional – max 10 characters
38	<CustPayeeInfo>		Required
39	<FSPayee>		
40	<PostAddr>		
41	<Addr1/>	required, create empty tag if there's no address	max 30 char. [64]*
42	<Addr2/>	optional	max 30 char. [64]*
43	<Addr3/>	optional	max 30 char. [64]*
44	<City/>	optional	max 32 characters [64]*
45	<StateProv/>	optional	2 characters
46	<PostalCode/>	optional	max 11 characters
47	<Country/>	**USA,** required	ISO-3166 3-letter codes
48	</PostAddr>		
49	<ContactInfo>		
50	<PhoneNum>		
51	<PhoneType/>	**DayPhone**	Required
52	<Phone/>	Payee phone	Required – max 10 chars [32], free form
53	</PhoneNum>		
54	<ContactName/>	Payee name	Required – 32 characters max [40]*
55	</ContactInfo>		
56	</FSPayee>		
57	</CustPayeeInfo>		
58	<BillingAcct/>	Customer account with payee	Required – max 22 chars
59	<CurAmt>		
60	<Amt/>	[Amount]	ePay: Minimum Payment amount 1.00 Maximum Payment amount 999,999.00 Amounts less than 1.00 will be processed as OutsourcedCheck Zero dollar payments will be treated as Payee Adds
61	</CurAmt>		
62	</RemitInfo>		
63	<DepAcctIdFrom>	Originator account	
64	<AcctId/>	[account number]	max 9 numeric
65	<AcctType/>	**DDA**	
66	<BankInfo>		
67	<BankIdType/>	**ABA**	
68	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
69	</BankInfo>		
70	</DepAcctIdFrom>		
71	<DueDt/>	[Due Date] Date the payment needs to be received by the payee	Required - **yyyy-mm-dd**; must be within 360 days
72	</PmtInfo>		
73	</PmtAddRq>		
74	</PaySvcRq>		
75	</IFX>		
76	</cnb:CNBEASI>		

* Numbers in brackets [64] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 30)

Bill Pay Add Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<PaySvcRs>		
4	<RqUID/>	echo of original transaction	
5	<PmtAddRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error, Warn,** or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	Typically 202
12	<Severity/>	**Error, Warn,** or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<PmtRec>		
29	<PmtId/>	Payment ID generated by CNB	Max 36 chars
30	<PmtInfo>	echo of original transaction	
31	<RemitInfo>	echo of original transaction	
32	<SettlementInfo>	echo of original transaction	
33	<SettlementMethod/>	echo of original transaction	
34	<Memo/>	echo of original transaction	
35	</SettlementInfo>	echo of original transaction	
36	<ChkInfo>	echo of original transaction	
37	<ChkNum/>	echo of original transaction	
38	</ChkInfo>	echo of original transaction	
39	<CustPayeeId/>	echo of original transaction if payee ID was provided, otherwise new ID generated for this payee and account	
40	<CustPayeeInfo>	echo of original transaction	
41	<FSPayee>	echo of original transaction	
42	<PostAddr>	echo of original transaction	
43	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
44	<Addr2/>	echo of original transaction	
45	<Addr3/>	echo of original transaction	
46	<City/>	echo of original transaction	
47	<StateProv/>	echo of original transaction	
48	<PostalCode/>	echo of original transaction	
49	<Country/>	echo of original transaction	
50	</PostAddr>	echo of original transaction	
51	<ContactInfo>	echo of original transaction	
52	<PhoneNum>	echo of original transaction	
53	<PhoneType/>	echo of original transaction	
54	<Phone/>	echo of original transaction	
55	</PhoneNum>	echo of original transaction	
56	<ContactName/>	echo of original transaction	
57	</ContactInfo>	echo of original transaction	
58	</FSPayee>	echo of original transaction	
59	</CustPayeeInfo>	echo of original transaction	
60	<BillingAcct/>	echo of original transaction	
61	<CurAmt>	echo of original transaction	
62	<Amt/>	echo of original transaction	
63	</CurAmt>	echo of original transaction	
64	</RemitInfo>	echo of original transaction	

Line	XML format	Comments	Edit Info
65	<DepAcctIdFrom>	echo of original transaction	
66	<AcctId/>	echo of original transaction	
67	<AcctType/>	echo of original transaction	
68	<BankInfo>	echo of original transaction	
69	<BankIdType/>	echo of original transaction	
70	<BankId/>	echo of original transaction	
71	</BankInfo>	echo of original transaction	
72	</DepAcctIdFrom>	echo of original transaction	
73	<DueDt/>	echo of original transaction, or the modified due date	If StatusCode on line 7 is '10', this field will reflect the modified Due Date because of a late release
74	</PmtInfo>	echo of original transaction	
75	<PmtStatus>		
76	<PmtStatusCode/>	**Scheduled, Processed, Cancelled, Failed**	
77	<EffDt/>	For inquiry, date and time of the last status; for real-time transaction, date and time of response	**yyyy-mm-ddThh:mm:ss-hh:mm**
78	<PmtMethod/>	**Electronic** or **Check**	
79	<ChkNum/>	Check number if payment was made by check	
80	</PmtStatus>		
81	<CreatedDt/>	Date the payment will be processed, or has processed by the BP Vendor. For an electronic transaction: it's the date the account will be/is debited; for check: the date the check will be printed.	**yyyy-mm-dd**
82	<OrigPmtDueDt/>	Optional, original due date, if due date was modified	**yyyy-mm-dd**
83	</PmtRec>		
84	</PmtAddRs>		
85	</PaySvcRs>		
86	</IFX>		
87	</cnb:CNBEASI>		

Payee Modification Request – eBills Enrollment

Business Rules

Communication	Web Services
Protocol	SOAP 1.1, SOAP 1.2
Service Availability	3am to 11pm PT Monday thru Saturday

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<PaySvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<CustPayeeModRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<CustPayeeId/>	CNB Payee ID	Required – max 10 characters
29	<CustPayeeInfo>		Required
30	<BillerPayee>		
31	<BillerId>		
32	<SPName/>	**CNB**	Required
33	<BillerNum/>	CNB Vendor ID	Required
34	</BillerId>		
35	</BillerPayee>		
36	<BillingAcct/>	Customer account with payee	Required – max 22 chars
37	<DfltPmtInfo>		
38	<DepAcctIdFrom>	Originator account	
39	<AcctId/>	[account number]	max 9 numeric
40	<AcctType/>	**DDA**	
41	<BankInfo>		
42	<BankIdType/>	**ABA**	
43	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
44	</BankInfo>		
45	</DepAcctIdFrom>		
46	</DfltPmtInfo>		
47	<cnb:ElecBillerInfo>		
48	<cnb:EnrollType/>	**New, MFA, OneTime, Unenroll, LoginFailure**	Required
49	<cnb:TermsOfServiceStatus/>	**Accepted**	Required except for **Unenroll**
50	<cnb:CredentialInfo>	Optional	Required except for **Unenroll**
51	<cnb:Login />	Optional	Required if CredentialInfo exists
52	<cnb:Password />	Optional	Required if CredentialInfo exists
53	</cnb:CredentialInfo>		
54	<cnb:AuthenQuesRec>	Optional	Required – if EnrollType is MFA or OneTime

Line	XML format	Comments	Edit Info
55	<cnb:QuesCode/>	Optional	Required – if EnrollType is MFA or OneTime
56	<cnb:QuesAnswer/>	Optional	Required – if EnrollType is MFA or OneTime
57	</cnb:AuthenQuesRec>		
58	</cnb:ElecBillerInfo>		
59	</CustPayeeInfo>		
60	</CustPayeeModRq>		
61	</PaySvcRq>		
62	</IFX>		
63	</cnb:CNBEASI>		

Payee Modification Response – eBills Enrollment

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<PaySvcRs>		
4	<RqUID/>	echo of original transaction	
5	<CustPayeeModRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error**, **Warn**, or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		
11	<StatusCode/>		Optional
12	<Severity/>	(see Status Code table)	Typically 202
13	<StatusDesc/>	**Error**, **Warn**, or **Info**	
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<CustPayeeId/>	echo of original transaction	
29	<CustPayeeInfo>	echo of original transaction	
30	<BillerPayee>	echo of original transaction	
31	<BillerId>	echo of original transaction	
32	<SPName/>	echo of original transaction	
33	<BillerNum/>	echo of original transaction	
34	</BillerId>	echo of original transaction	
35	</BillerPayee>	echo of original transaction	
36	<BillingAcct/>	echo of original transaction	
37	<DfltPmtInfo>	echo of original transaction	
38	<DepAcctIdFrom>	echo of original transaction	
39	<AcctId/>	echo of original transaction	
40	<AcctType/>	echo of original transaction	
41	<BankInfo>	echo of original transaction	
42	<BankIdType/>	echo of original transaction	
43	<BankId/>	echo of original transaction	
44	</BankInfo>	echo of original transaction	
45	</DepAcctIdFrom>	echo of original transaction	
46	</DfltPmtInfo>	echo of original transaction	
47	<cnb:ElecBillerInfo>	echo of original transaction	
48	<cnb:EnrollType/>	echo of original transaction	
49	<cnb:TermsOfServiceStatus/>	echo of original transaction	
50	<cnb:CredentialInfo>	echo of original transaction	
51	<cnb:Login />	echo of original transaction	
52	<cnb:Password />	echo of original transaction	
53	</cnb:CredentialInfo>	echo of original transaction	
54	<cnb:AuthenQuesRec>	echo of original transaction	
55	<cnb:QuesCode/>	echo of original transaction	
56	<cnb:QuesAnswer/>	echo of original transaction	
57	</cnb:AuthenQuesRec>	echo of original transaction	
58	</cnb:ElecBillerInfo>	echo of original transaction	
59	</CustPayeeInfo>	echo of original transaction	
60	<CustPayeeRec>		
61	<CustPayeeId/>	CNB Payee ID	
62	<CustPayeeInfo>		
63	<BillerPayee>		
64	<BillerId>		

Line	XML format	Comments	Edit Info
65	<SPName>	**CNB**	
66	<BillerNum>	CNB Vendor ID	
67	</BillerId>		
68	</BillerPayee>		
69	</CustPayeeInfo>		
70	<DaysToPay/>	**0**	Number of days required to complete payment
71	<cnb:ElecBillerEnrollInfo>		
72	<cnb:ElecBillerStatus/>	**Enrolled, EnrollmentPending, Unenrolled** or **Failed**	
73	<cnb:EnrollInfoRec>		Optional; will exist if eBill enrollment requires authentication questions to be answered.
74	<cnb:AuthenQuesRec>		Optional; will exist if eBill enrollment requires authentication questions to be answered.
75	<cnb:QuesType/>	**MFA** or **OneTime or LoginFailure**	
76	<cnb:QuesCode/>	[Authentication Code]	Optional; will exist if QuesType is "**MFA**" or "**OneTime**"
77	<cnb:QuesDesc/>	[Authentication Question]	Optional; will exist if QuesType is "**MFA**" or "**OneTime**"
78	</cnb:AuthenQuesRec>		
79	</cnb:EnrollInfoRec>		
80	</cnb:ElecBillerEnrollInfo>		
81	</CustPayeeRec>		
82	</CustPayeeModRs>		
83	</PaySvcRs>		
84	</IFX>		
85	</cnb:CNBEASI>		

Payee Modification Request – Payee Information

Business Rules

Communication	Web Services
Protocol	SOAP 1.1, SOAP 1.2
Service Availability	3am to 11pm PT Monday thru Saturday

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<PaySvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<CustPayeeModRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<CustPayeeId/>	CNB Payee ID	Required – max 10 characters
29	<CustPayeeInfo>		Required
30	<FSPayee>		
31	<PostAddr>		
32	<Addr1/>	Required, create empty tag if there's no address	Max 30 characters [64]*
33	<Addr2/>	Optional	Max 30 characters [64]*
34	<Addr3/>	Optional	Max 30 characters [64]*
35	<City/>	Optional	Max 32 characters [64]*
36	<StateProv/>	Optional	Required – max 22 chars
37	<PostalCode/>	Optional	2 characters
38	<Country/>	**USA,** required	ISO-3166 3-letter codes
39	</PostAddr>		
40	<ContactInfo>		
41	<PhoneNum>		
42	<PhoneType/>	**DayPhone**	Required
43	<Phone/>	Payee Phone	Required – max 10 chars [32], free form
44	</ PhoneNum >		
45	<ContactName/>	Payee Name	Required – 32 characters max [40]*
46	</ContactInfo>		
47	</FSPayee>		
48	<BillingAcct/>	Customer account with Payee	Required – max 22 chars

* Numbers in brackets [64] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 30)

Line	XML format	Comments	Edit Info
49	<DfltPmtInfo>		
50	<DepAcctIdFrom>	Originator account	
51	<AcctId/>	[Account Number]	Max 9 numeric
52	<AcctType/>	**DDA**	
53	<BankInfo>		
54	<BankIdType/>	**ABA**	
55	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
56	</BankInfo>		
57	</DepAcctIdFrom>		
58	<DfltPmtInfo>		
59	</CustPayeeInfo>		
60	</CustPayeeModRq>		
61	</PaySvcRq>		
62	</IFX>		
63	</cnb:CNBEASI>		

Payee Modification Response – Payee Information

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<PaySvcRs>		
4	<RqUID/>	echo of original transaction	
5	<CustPayeeModRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error, Warn,** or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		
11	<StatusCode/>		Optional
12	<Severity/>	(see Status Code table)	Typically 202
13	<StatusDesc/>	**Error, Warn,** or **Info**	
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<CustPayeeId/>	echo of original transaction	
29	<CustPayeeInfo>	echo of original transaction	
30	<FSPayee>	echo of original transaction	
31	<PostAddr>	echo of original transaction	
32	<Addr1/>	echo of original transaction	
33	<Addr2/>	echo of original transaction	
34	<Addr3/>	echo of original transaction	
35	<City/>	echo of original transaction	
36	<StateProv/>	echo of original transaction	
37	<PostalCode/>	echo of original transaction	
38	<Country/>	echo of original transaction	
39	</PostAddr>	echo of original transaction	
40	<ContactInfo>	echo of original transaction	
41	<PhoneNum>	echo of original transaction	
42	<PhoneType/>	echo of original transaction	
43	<Phone/>	echo of original transaction	
44	</PhoneNum>	echo of original transaction	
45	<ContactName/>	echo of original transaction	
46	</ContactInfo>	echo of original transaction	
47	</FSPayee>	echo of original transaction	
48	<BillingAcct/>	echo of original transaction	
49	<DfltPmtInfo>	echo of original transaction	
50	<DepAcctIdFrom>	echo of original transaction	
51	<AcctId/>	echo of original transaction	
52	<AcctType/>	echo of original transaction	
53	<BankInfo>	echo of original transaction	
54	<BankIdType/>	echo of original transaction	
55	<BankId/>	echo of original transaction	
56	</BankInfo>	echo of original transaction	
57	</DepAcctIdFrom>	echo of original transaction	
58	</DfltPmtInfo>	echo of original transaction	
59	</CustPayeeInfo>	echo of original transaction	
60	<CustPayeeRec>		
61	<CustPayeeId/>	CNB Payee ID	
62	<CustPayeeInfo>		New Payee Information after any adjustment has been made
63	<FSPayee>		

Line	XML format	Comments	Edit Info
64	<PostAddr>		
65	<Addr1/>		
66	<Addr2/>		
67	<Addr3/>		
68	<City/>		
69	<StateProv/>		
70	<PostalCode/>		
71	<Country/>		
72	</PostAddr>		
73	<ContactInfo>		
74	<PhoneNum>		
75	<PhoneType/>	**DayPhone**	
76	<Phone/>		
77	</PhoneNum>		
78	<ContactName/>		
79	</ContactInfo>		
80	</FSPayee>		
81	<BillingAcct/>	Customer account with Payee	
82	</CustPayeeInfo>		
83	<DaysToPay/>	**0**	Number of days required to complete payment
84	</CustPayeeRec>		
85	</CustPayeeModRs>		
86	</PaySvcRs>		
87	</IFX>		
88	</cnb:CNBEASI>		

Payee Registry File

Business Rules

Communication	Data Transmission
Availability	2am PT Monday thru Sunday
Data Transmission Naming Convention	EASI_Payee.<SiteID>.<yyyymmddhhmi>.xml EASI_Payee.<SiteID>.<yyyymmddhhmi>.xml.pgp If SplitFiles is enabled (split by Company) EASI_Payee.<SiteID>.<CompanyName>.<yyyymmddhhmi>.xml EASI_Payee.<SiteID>.<CompanyName>.<yyyymmddhhmi>.xml.pgp

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<PaySvcRs>		
4	<RqUID/>		
5	<CustPayeeInqRs>		
6	<Status>		
7	<StatusCode/>	**0**	
8	<Severity/>	**Info**	
9	<StatusDesc/>	**Processed successfully**	
10	</Status>		
11	<RqUID/>		
12	<MsgRqHdr>		
13	<NetworkTrnInfo>		
14	<NetworkOwner/>	**Other**	
15	<OriginatorName/>		Optional – this field is blank and is reserved for future use
16	<Desc/>		Optional – This field is blank and is reserved for future use
17	</NetworkTrnInfo>		
18	</MsgRqHdr>		
19	<CustId>		
20	<SPName/>	[Site ID]	Site ID
21	<CustLoginId/>		Optional – This field is blank
22	<cnb:CompanyName/>	[Company Name]	Present when multiple files created for the same Site (SplitFiles is enabled)
23	</CustId>		
24	<CustPayeeRec>	Repeating one for each CNB Payee ID, Customer account with payee combination	
25	<cnb:AcctId/>	Originator's Account Number	
26	<CustPayeeId/>	CNB Payee ID	
27	<CustPayeeInfo>		
28	<BillerPayee>		
29	<BillerId>		
30	<SPName/>	**CNB**	
31	<BillerNum/>	CNB Payee ID	
32	</BillerId>		
33	<BillerContact>		
34	<Name/>	Payee Name	
35	</BillerContact>		
36	<BillerPayInfo>		
37	<PmtInst>		
38	<PmtInstType/>	**CheckAcct**	
39	<SettlementInfo>		
40	<SettlementMethod/>	**ePay or OutsourcedCheck**	
41	</SettlementInfo>		
42	</PmtInst>		
43	</BillerPayInfo>		

Line	XML format	Comments	Edit Info
44	<cnb:ElecBillerStatus/>	**Alw**, **NotAlw**, **Enroll**, **EnrollPend**	**NotAlw** – (NotAllowed) Payee is not eligible for eBills. **Alw** – (Allowed) Payee is eligible for eBills, but not yet registered for an eBill account. **Enroll** – (Enrolled) Payee is actively enrolled for eBills. **EnrollPend** – (EnrollmentPending) Payee eBill account registration has been requested, but is not yet complete. Only present if Site is configured to receive eBill information
45	<cnb:ElecBillerAcctErrExist/>	**True**	Only present if Site is configured to receive eBill information and <cnb:ElecBillerAcctErrExist/> value is **True**
46	<cnb:ElecBillerAcctErrDesc/>	Account error description being reported by iPay	Only present if Site is configured to receive eBill information and <cnb:ElecBillerAcctErrExist/> value is **True**
47	<cnb:ElecBillerRec>	Repeating one for each CNB Vendor/eBiller information	Only present if Site is configured to receive eBill information and if ElecBillerStatus is Alw This section is repeating.
48	<cnb:BPVendorID/>	CNB Vendor ID	
49	<cnb:ElecBillerDisplayNm/>	The name of the eBiller that is often used for GUI representation	Only present if Site is configured to receive eBill information and if ElecBillerStatus is Alw
50	<cnb:ElecBillerURL/>	The URL containing the eBiller's electronic address	Only present if Site is configured to receive eBill information and if ElecBillerStatus is Alw
51	<cnb:ElecBillerType/>	**Summary** or **Detail**	**Summary** – Summary level eBill information only is available for Payee. **Detail** – Detailed eBill information is available for Payee. Only present if Site is configured to receive eBill information and if ElecBillerStatus is Alw
52	<cnb:TermsOfServiceStatus/>	**NotActp**, **Actp**, or **ReqNewActp**	This is the status of the eBill Terms of Service acceptance for the given eBill account: **NotActp** – Not accepted **Actp** – Accepted **ReqNewActp** – Requires new acceptance Only present if Site is configured to receive eBill information and if ElecBillerStatus is Alw
53	<cnb:TermsOfService />	The entire Terms of Service applicable for the eBiller	Only Present if TermsOfServiceStatus is **NotAccepted** or **RequiresNewActp** In HTML (or CDATA) format Only present if Site is configured to receive eBill information and if ElecBillerStatus is Alw
54	<cnb:CredentialInfo>		Only present if Site is configured to receive eBill information and if ElecBillerStatus is Alw
55	<cnb:LoginDisplay/>	**Username**	The eBiller's 'end-user' credentialing requirements, or connection parameters. **Username** (default value) Only present if Site is configured to receive eBill information and if ElecBillerStatus is Alw
56	<cnb:PasswordDisplay/>	**Password**	The eBiller's 'end-user' credentialing requirements, or connection parameters. **Password** (default value) Only present if Site is configured to receive eBill information and if ElecBillerStatus is Alw

Line	XML format	Comments	Edit Info
57	</cnb:CredentialInfo>		Only present if Site is configured to receive eBill information and if ElecBillerStatus is Alw
58	<cnb:ElecBillerAcctStat/>	**Act**, **Susp**, or **PendTer**	Current status of eBill account for the Payee: **Act** – Active **Susp** – Temporarily Suspended **PendTer** – Pending Termination Only present if Site is configured to receive eBill information and if ElecBillerStatus is Alw
59	</cnb:ElecBillerRec>		Only present if Site is configured to receive eBill information and if ElecBillerStatus is Alw
60	</BillerPayee>		
61	<BillingAcct/>	Customer account with payee	
62	</CustPayeeInfo>		
63	<DaysToPay/>	Number of days required to complete payment	
64	</CustPayeeRec>		
65	</CustPayeeInqRs>		
66	</PaySvcRs>		
67	</IFX>		
68	</cnb:CNBEASI>		

Electronic Bill Presentment File

Business Rules

Communication	Data Transmission
Availability	6am PT Monday thru Sunday
Data Transmission Naming Convention	EASI_eBill.<SiteID>.<yyyymmddhhmi>.xml EASI_eBill.<SiteID>.<yyyymmddhhmi>.xml.pgp If SplitFiles is enabled (split by Company) EASI_eBill.<SiteID>.<CompanyName>.<yyyymmddhhmi>.xml EASI_eBill.<SiteID>.<CompanyName>.<yyyymmddhhmi>.xml.pgp

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<PresSvcRs>		
4	<RqUID/>		
5	<BillInqRs>		
6	<Status>		
7	<StatusCode/>	**0**	
8	<Severity/>	**Info**	
9	<StatusDesc/>	**Processed successfully**	
10	</Status>		
11	<RqUID/>		
12	<MsgRqHdr>		
13	<NetworkTrnInfo>		
14	<NetworkOwner/>	Other	
15	<OriginatorName/>		Optional – this field is blank and is reserved for future use
16	<Desc/>		Optional – this field is blank and is reserved for future use
17	</NetworkTrnInfo>		
18	</MsgRqHdr>		
19	<CustId>		
20	<SPName/>		
21	<CustLoginId/>		Optional – this field is blank
22	<cnb:CompanyName/>	[Company Name]	Present when multiple files created for the same Site
23	</CustId>		
24	<BillRec>	Repeating one for each CNB Payee ID, Customer account with payee combination	
25	<cnb:AcctId/>	Originator's Account Number	
26	<BillId/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
27	<BillInfo>		
28	<BillType/>	**Bill**	
29	<PresActId>		
30	<BillingAcct/>	Customer account with payee	
31	<BillerId>		
32	<SPName/>	**CNB**	
33	<BillerNum/>	CNB Payee ID	
34	</BillerId>		
35	</PresActId>		
36	<BillSummAmt>		
37	<ShortDesc/>	**Current Balance**	
38	<CurAmt/>	[Amount]	
39	<BillSummAmtType/>	**InfoOnly**	
40	</BillSummAmt>		
41	<BillSummAmt>		
42	<ShortDesc/>	**Statement Balance**	
43	<CurAmt/>	[Amount]	
44	<BillSummAmtType/>	**InfoOnly**	
45	</BillSummAmt>		
46	<BillSummAmt>		
47	<ShortDesc/>	**Payment Due**	
48	<CurAmt/>	[Amount]	
49	<BillSummAmtType/>	**Payable**	
50	</BillSummAmt>		

Line	XML format	Comments	Edit Info
51	<BillSummAmt>		
52	<ShortDesc/>	**Minimum Payment Due**	
53	<CurAmt/>	[Amount]	
54	<BillSummAmtType/>	**Payable**	
55	</BillSummAmt>		
56	<DueDt/>		**yyyy-mm-dd**, Payment Due Date
57	<BillDt/>		**yyyy-mm-dd**, eBill Statement Date
58	<cnb:eBillImg>		
59	<ContentType/>	**application/pdf**	IETF RFC 2046 code
60	<BinLength/>	Size of the binary data in bytes	
61	<BinData/>		Base 64 encoded PDF document
62	</cnb:eBillImg>		
63	</BillInfo>		
64	</BillRec>		
65	</BillInqRs>		
66	</PresSvcRs>		
67	</IFX>		
68	</cnb:CNBEASI>		

Expedited Credit Card Bill Payment

Business Rules

Communication	Web Services & Data Transmission
Protocol	SOAP 1.1, SOAP 1.2, FTP, SFTP
Service Availability	3am to 11pm PT Monday thru Saturday
Service Cutoff	1:55 pm PT – Monday thru Friday
Transaction	Future dated up to 365 calendar days
Data Transmission Naming Convention	EASI_Tran.<siteID>.<yyyymmddnnnn>.xml

Expedited Credit Card Bill Pay Add Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<PaySvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<PmtAddRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<PmtInfo>		
29	<RemitInfo>		
30	<SettlementInfo>		
31	<SettlementMethod/>	**XPCC –** Required	XPCC – Expedited Credit Card Bill Pay; will process payment electronically.
33	</SettlementInfo>		
38	<CustPayeeInfo>		Required
39	<FSPayee>		Required
40	<PostAddr>		Required
41	<Addr1/>	required, create empty tag if there's no address	max 30 char. [64]*
42	<Addr2/>	optional	max 30 char. [64]*
43	<Addr3/>	optional	max 30 char. [64]*
44	<City/>	optional	max 32 characters [64]*
45	<StateProv/>	optional	2 characters
46	<PostalCode/>	optional	max 11 characters
47	<Country/>	**USA,** required	ISO-3166 3-letter codes
48	</PostAddr>		
49	<ContactInfo>		
54	<ContactName/>	**City National Bank**	Required – 18 characters max
55	</ContactInfo>		

* Numbers in brackets [64] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 30)

Line	XML format	Comments	Edit Info
56	</FSPayee>		
57	</CustPayeeInfo>		
58	<BillingAcct/>	[Credit Card Number]	Required – max 16 chars
59	<CurAmt>		
60	<Amt/>	[Amount]	Maximum value 1,000,000.00
61	</CurAmt>		
62	</RemitInfo>		
63	<DepAcctIdFrom>	Originator account	
64	<AcctId/>	[Account number]	max 9 numeric
65	<AcctType/>	**DDA**	
66	<BankInfo>		
67	<BankIdType/>	**ABA**	
68	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
69	</BankInfo>		
70	</DepAcctIdFrom>		
71	<DueDt/>	[Effective Date] Date has to be current date.	Required - **yyyy-mm-dd**
72	</PmtInfo>		
73	</PmtAddRq>		
74	</PaySvcRq>		
75	</IFX>		
76	</cnb:CNBEASI>		

Expedited Credit Card Bill Pay Add Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<PaySvcRs>		
4	<RqUID/>	echo of original transaction	
5	<PmtAddRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error**, **Warn**, or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	Typically 202
12	<Severity/>	**Error**, **Warn**, or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<PmtRec>		
29	<PmtId/>	[ConfirmationID] from TSYS	Required, max 36 chars
30	<PmtInfo>	echo of original transaction	
31	<RemitInfo>	echo of original transaction	
32	<SettlementInfo>	echo of original transaction	
33	<SettlementMethod/>	echo of original transaction	
35	</SettlementInfo>	echo of original transaction	
40	<CustPayeeInfo>	echo of original transaction	
41	<FSPayee>	echo of original transaction	
42	<PostAddr>	echo of original transaction	
43	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
44	<Addr2/>	echo of original transaction	
45	<Addr3/>	echo of original transaction	
46	<City/>	echo of original transaction	
47	<StateProv/>	echo of original transaction	
48	<PostalCode/>	echo of original transaction	
49	<Country/>	echo of original transaction	
50	</PostAddr>	echo of original transaction	
51	<ContactInfo>	echo of original transaction	
56	<ContactName/>	echo of original transaction	
57	</ContactInfo>	echo of original transaction	
58	</FSPayee>	echo of original transaction	
59	</CustPayeeInfo>	echo of original transaction	
60	<BillingAcct/>	echo of original transaction	
61	<CurAmt>	echo of original transaction	
62	<Amt/>	echo of original transaction	
63	</CurAmt>	echo of original transaction	
64	</RemitInfo>	echo of original transaction	
65	<DepAcctIdFrom>	echo of original transaction	
66	<AcctId/>	echo of original transaction	
67	<AcctType/>	echo of original transaction	
68	<BankInfo>	echo of original transaction	
69	<BankIdType/>	echo of original transaction	
70	<BankId/>	echo of original transaction	
71	</BankInfo>	echo of original transaction	
72	</DepAcctIdFrom>	echo of original transaction	
73	<DueDt/>	echo of original transaction	

Line	XML format	Comments	Edit Info
74	</PmtInfo>	echo of original transaction	
75	<PmtStatus>		
76	<PmtStatusCode/>	**Scheduled, Processed, Cancelled, Failed**	
77	<EffDt/>	For inquiry, Date and Time of the last status; for real-time transaction, Date and Time of Response - Required	**yyyy-mm-ddThh:mm:ss-hh:mm**
78	<PmtMethod/>	**Electronic**	
80	</PmtStatus>		
83	</PmtRec>		
84	</PmtAddRs>		
85	</PaySvcRs>		
86	</IFX>		
87	</cnb:CNBEASI>		

Outsourced Check Printing

Business Rules

Communication	Web Services & Data Transmission
Protocol	SOAP 1.1, SOAP 1.2, FTP, SFTP
Service Availability	3am to 11pm PT Monday thru Saturday
Service Cutoff	6:00 pm PT Monday thru Friday
Transaction	No future dated transactions
Data Transmission Naming Convention	EASI_Tran.<siteID>.<yyyymmddnnnn>.xml

Outsourced Check Printing Add Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<PaySvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<PmtAddRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<PmtInfo>		
29	<PayerInfo>	**<Debit party information>**	
30	<OrgInfo>		
31	<Name/>	Client name	Optional, max 16 character
32	</OrgInfo>		
33	</PayerInfo>		
34	<RemitInfo>		
35	<RemitInstruction>		
36	<DeliveryInstruction/>	SendToPayer, SendToPayee	If blank defaults to SendToPayee
37	<DeliveryMethod/>	**USPS, FedExOvernight, FedEx2ndDay,FedExGround**	USPS - USPS 1st Class (+6 days) FedExOvernight - Fed Ex Overnight (+2 day) FedEx2ndDay - Fed Ex 2 Day (+3 day) FedExGround - Fed Ex Ground (+4 day) Add 1 day to the above if submit after cutoff "days" mentioned above are business days from the date the transaction is committed to posting.
38	</RemitInstruction>		
39	<SettlementInfo>		
40	<SettlementMethod/>	**OutsourcedCheckPrinting**	
41	</SettlementInfo>		
42	<ChkInfo>		
43	<ChkNum/>	Required	Max 10 characters numeric

Line	XML format	Comments	Edit Info
44	<Memo>	Optional	Check memo field 80 characters
45	<cnb:Attachment>	Optional	optional – omit the entire aggregate if no attachment
46	<cnb:ContentType/>	**application/pdf**	IETF RFC 2046 code – Required if tag exists
47	<cnb:BinLength/>	Size of the binary data in bytes	Required if tag exists
48	<cnb:BinData/>	PDF Attachment (valid versions up to and including version 1.5)	Base 64 encoded binary data – Required if tag exists
49	</cnb:Attachment>		
50	</ChkInfo>		
51	<CustPayeeInfo>		Required
52	<FSPayee>		
53	<PostAddr>		
54	<Addr1/>	required	max 35 char. [64]*; optional if Delivery Instruction is SendToPayer, create empty tag
55	<Addr2/>	optional	max 35 char. [64]*
56	<Addr3/>	optional	max 35 char. [64]*
57	<City/>	required	max 20 characters; optional if Delivery Instruction is SendToPayer, create empty tag
58	<StateProv/>	required	2 characters; optional if Delivery Instruction is SendToPayer, create empty tag
59	<PostalCode/>	required	If USA, Max 5 characters; optional if Delivery Instruction is SendToPayer, create empty tag
60	<Country/>	**USA** or **CAN,** required	ISO-3166 3-letter codes; optional if Delivery Instruction is SendToPayer, create empty tag
61	</PostAddr>		
62	<LegalName/>	Payee name	Max 80 chars
63	</FSPayee>		
64	</CustPayeeInfo>		
65	<Memo/>	Remittance advice, optional	Max 9000 chars. Line break allowed
66	<BillingAcct/>	Vendor ID, optional	Max 15 chars
67	<CurAmt>		
68	<Amt/>	Payment amount	Maximum value 999,999,999.00
69	</CurAmt>		
70	<InvoiceInfo>	Repeating, one per invoice, optional	
71	<InvoiceNum/>	Invoice Number	Max 22 chars
72	<RefInfo>	Optional	
73	<RefType/>	**DocumentAmount**	
74	<RefId/>	Invoice document amount	Maximum value 999,999,999.00
75	</RefInfo>		
76	<TotalCurAmt>		
77	<Amt/>	Invoice amount due	Maximum value 999,999,999.00
78	</TotalCurAmt>		
79	<EffDt/>	Invoice date	**yyyy-mm-dd**
80	<Discount>		
81	<CurAmt>		
82	<Amt/>	Invoice discount	Maximum value 999,999,999.00
83	</CurAmt>		
84	</Discount>		
85	<InvoiceAdj>		
86	<CurAmt>		
87	<Amt/>	Invoice adjustment	Maximum value 999,999,999.00
88	</CurAmt>		
89	</InvoiceAdj>		
90	</InvoiceInfo>		
91	</RemitInfo>		
92	<DepAcctIdFrom>	Originator account	
93	<AcctId/>	[account number]	max 9 numeric
94	<AcctType/>	**DDA**	
95	<BankInfo>		
96	<BankIdType/>	**ABA**	
97	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
98	</BankInfo>		
99	</DepAcctIdFrom>		
100	<DueDt/>	[Due Date] Date the payment needs to be received by the payee. The payment may arrive before this date.	Required - **yyyy-mm-dd**; based on the delivery method
101	</PmtInfo>		

* Numbers in brackets [64] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 35)

Line	XML format	Comments	Edit Info
102	</PmtAddRq>		
103	</PaySvcRq>		
104	</IFX>		
105	</cnb:CNBEASI>		

Numbers in brackets [64] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 35)

Outsourced Check Printing Add Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<PaySvcRs>		
4	<RqUID/>	echo of original transaction	
5	<PmtAddRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error**, **Warn**, or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	Typically 202
12	<Severity/>	**Error**, **Warn**, or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<PmtRec>		
29	<PmtId/>	Payment ID generated by CNB	
30	<PmtInfo>	echo of original transaction	
31	<PayerInfo>	echo of original transaction	
32	<OrgInfo>	echo of original transaction	
33	<Name/>	echo of original transaction	max 16 characters
34	</OrgInfo>	echo of original transaction	
35	</PayerInfo>	echo of original transaction	
36	<RemitInfo>	echo of original transaction	
37	<RemitInstruction>	echo of original transaction	
38	<DeliveryInstruction/>	echo of original transaction	If blank defaults to SendToPayee
39	<DeliveryMethod/>	echo of original transaction	USPS - USPS 1st Class (+6 days) FedExOvernight - Fed Ex Overnight (+2 day) FedEx2ndDay - Fed Ex 2 Day (+3 day) FedExGround - Fed Ex Ground (+4 day) Add 1 day to the above if submit after cutoff "days" mentioned above are business days from the date the transaction is committed to posting.
40	</RemitInstruction>	echo of original transaction	
41	<SettlementInfo>	echo of original transaction	
42	<SettlementMethod/>	echo of original transaction	
43	</SettlementInfo>	echo of original transaction	
44	<ChkInfo>	echo of original transaction	
45	<ChkNum/>	echo of original transaction	Max 10 characters numeric
46	<Memo>	echo of original transaction	Max 80 characters
47	</ChkInfo>	echo of original transaction	
48	<CustPayeeInfo>	echo of original transaction	Required
49	<FSPayee>	echo of original transaction	
50	<PostAddr>	echo of original transaction	
51	<Addr1/>	echo of original transaction	max 35 char. [64] *; optional if Delivery Instruction is SendToPayer, create empty tag
52	<Addr2/>	echo of original transaction	max 35 char. [64]*
53	<Addr3/>	echo of original transaction	max 35 char. [64]*

* Numbers in brackets [64] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 35)

Line	XML format	Comments	Edit Info
54	<City/>	echo of original transaction	max 20 characters; optional if Delivery Instruction is SendToPayer, create empty tag
55	<StateProv/>	echo of original transaction	2 characters; optional if Delivery Instruction is SendToPayer, create empty tag
56	<PostalCode/>	echo of original transaction	max 5 characters; optional if Delivery Instruction is SendToPayer, create empty tag
57	<Country/>	echo of original transaction	ISO-3166 3-letter codes; optional if Delivery Instruction is SendToPayer, create empty tag
58	</PostAddr>	echo of original transaction	
59	<LegalName/>	echo of original transaction	max 80 char. [96]*
60	</FSPayee>	echo of original transaction	
61	</CustPayeeInfo>	echo of original transaction	
62	<Memo/>	echo of original transaction	Max 9000 chars
63	<BillingAcct/>	echo of original transaction	Max 15 chars
64	<CurAmt>	echo of original transaction	
65	<Amt/>	echo of original transaction	Maximum value 999,999,999.00
66	</CurAmt>	echo of original transaction	
67	<InvoiceInfo>	echo of original transaction	
68	<InvoiceNum/>	echo of original transaction	Max 22 chars
69	<RefInfo>	echo of original transaction	
70	<RefType/>	echo of original transaction	
71	<RefId/>	echo of original transaction	Maximum value 999,999,999.00
72	</RefInfo>	echo of original transaction	
73	<TotalCurAmt>	echo of original transaction	
74	<Amt/>	echo of original transaction	Maximum value 999,999,999.00
75	</TotalCurAmt>	echo of original transaction	
76	<EffDt/>	echo of original transaction	**yyyy-mm-ddThh:mm:ss**
77	<Discount>	echo of original transaction	
78	<CurAmt>	echo of original transaction	
79	<Amt/>	echo of original transaction	Maximum value 999,999,999.00
80	</CurAmt>	echo of original transaction	
81	</Discount>	echo of original transaction	
82	<InvoiceAdj>	echo of original transaction	
83	<CurAmt>	echo of original transaction	
84	<Amt/>	echo of original transaction	Maximum value 999,999,999.00
85	</CurAmt>	echo of original transaction	
86	</InvoiceAdj>	echo of original transaction	
87	</InvoiceInfo>	echo of original transaction	
88	</RemitInfo>	echo of original transaction	
89	<DepAcctIdFrom>	echo of original transaction	
90	<AcctId/>	echo of original transaction	max 9 numeric
91	<AcctType/>	echo of original transaction	
92	<BankInfo>	echo of original transaction	
93	<BankIdType/>	echo of original transaction	
94	<BankId/>	echo of original transaction	
95	</BankInfo>	echo of original transaction	
96	</DepAcctIdFrom>	echo of original transaction	
97	<DueDt/>	echo of original transaction	Required - **yyyy-mm-dd**; must be within 360 days
98	</PmtInfo>	echo of original transaction	
99	<PmtStatus>		
100	<PmtStatusCode/>	**Scheduled, Processed, Cancelled, Failed**	
101	<EffDt/>	Date and time of the status or real time transaction response	**yyyy-mm-ddThh:mm:ss-hh:mm**
102	<PmtMethod/>	**CHECK**	
103	</PmtStatus>		
104	<CreatedDt/>	Outsourced Check Printing file creation date	**yyyy-mm-dd** 1900-01-01 if not sent to the OCP system
105	</PmtRec>		
106	</PmtAddRs>		
107	</PaySvcRs>		
108	</IFX>		
109	</cnb:CNBEASI>		

RithmPay

Business Rules

Communication	Web Services & Data Transmission
Protocol	SOAP 1.1, SOAP 1.2, FTP, SFTP
Service Availability	3am to 11pm PT Monday thru Saturday
Service Cutoff	3:55 pm PT Monday thru Friday
Transaction	Future dated up to 30 calendar days
Data Transmission Naming Convention	EASI_Tran.<siteID>.<yyyymmddnnnn>.xml

RithmPay Add Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<PaySvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<PmtAddRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<PmtInfo>		
29	<RemitInfo>		
30	<SettlementInfo>		
31	<SettlementMethod/>	**RithmPay**	Required
32	<Memo/>	Settlement Memo	Required, max 1000 chars
33	</SettlementInfo>		
34	<CustPayeeId/>	RithmPay CNB Payee ID	Required
35	<CustPayeeInfo/>		Required
36	<BillerPayee>		Required
37	<BillerId>		Required
38	<SPName/>	**CNB**	Required
39	<BillerNum/>		Required element, value is blank
40	</BillerId>		
41	<BillerContact>		Required
42	<LegalName/>	Vendor Name	Required, max 80 chars
43	</BillerContact>		
44	</BillerPayee>		
45	</CustPayeeInfo>		
46	<CurAmt>		Required
47	<Amt/>	Total Payment Amount	Required. Minimum value > 0.00 Maximum value 1,000,000.00
48	</CurAmt>		
49	<InvoiceInfo>	Repeating, one per invoice	Required

Line	XML format	Comments	Edit Info
50	<InvoiceNum/>	Invoice Number	Required. Max 22 chars
51	<TotalCurAmt>		Required.
52	<Amt/>	Invoice Payment Amount	Required. Maximum value 1,000,000.00
53	</TotalCurAmt>		
54	<EffDt/>	Invoice Date	Required**. yyyy-mm-dd**
55	</InvoiceInfo>		
56	</RemitInfo>		
57	<DepAcctIdFrom>	Originator account	Required
58	<AcctId/>	[Account Number]	Required, max 9 numeric
59	<AcctType/>	**DDA**	Required
60	<BankInfo>		Required
61	<BankIdType/>	**ABA**	Required
62	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	Required
63	</BankInfo>		
64	</DepAcctIdFrom>		
65	<PrcDt/>	[Payment Process Date]	Required - **yyyy-mm-dd** Date when DDA Account will be debited the Total Payment Amount
66	</PmtInfo>		
67	</PmtAddRq>		
68	</PaySvcRq>		
69	</IFX>		
70	</cnb:CNBEASI>		

Numbers in brackets [64] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 35)

RithmPay Add Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<PaySvcRs>		
4	<RqUID/>	echo of original transaction	
5	<PmtAddRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error, Warn,** or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	Typically 202
12	<Severity/>	**Error, Warn,** or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<PmtRec>		
29	<PmtId/>	Payment ID generated by CNB	Value will be blank if payment has not yet been scheduled in RithmPay
30	<PmtInfo>	echo of original transaction	
31	<RemitInfo>	echo of original transaction	
32	<SettlementInfo>	echo of original transaction	
33	<SettlementMethod/>	echo of original transaction	
34	<Memo/>	echo of original transaction	
35	</SettlementInfo>	echo of original transaction	
36	<CustPayeeId/>	echo of original transaction	
37	<CustPayeeInfo>	echo of original transaction	
38	<BillerPayee>	echo of original transaction	
39	<BillerId>	echo of original transaction	
40	<SPName/>	echo of original transaction	
41	<BillerNum/>	echo of original transaction	
42	</BillerId>	echo of original transaction	
43	<BillerContact>	echo of original transaction	
44	<LegalName/>	echo of original transaction	
45	</BillerContact>	echo of original transaction	
46	</BillerPayee>	echo of original transaction	
47	</CustPayeeInfo>	echo of original transaction	
48	<CurAmt>	echo of original transaction	
49	<Amt/>	echo of original transaction	
50	</CurAmt>	echo of original transaction	
51	<InvoiceInfo>	echo of original transaction	
52	<InvoiceNum/>	echo of original transaction	
53	<TotalCurAmt>	echo of original transaction	
54	<Amt/>	echo of original transaction	
55	</TotalCurAmt>	echo of original transaction	
56	<EffDt/>	echo of original transaction	
57	</InvoiceInfo>	echo of original transaction	
58	</RemitInfo>	echo of original transaction	
59	<DepAcctIdFrom>	echo of original transaction	
60	<AcctId/>	echo of original transaction	
61	<AcctType/>	echo of original transaction	
62	<BankInfo>	echo of original transaction	
63	<BankIdType/>	echo of original transaction	

Line	XML format	Comments	Edit Info
64	<BankId/>	echo of original transaction	
65	</BankInfo>	echo of original transaction	
66	</DepAcctIdFrom>	echo of original transaction	
67	<PrcDt/>	echo of original transaction	
68	</PmtInfo>	echo of original transaction	
69	<PmtStatus>		
70	<PmtStatusCode/>	**Scheduled, Failed**	
71	<EffDt/>	Date and time of the status or real time transaction response	**yyyy-mm-ddThh:mm:ss-hh:mm**
72	</PmtStatus>		
73	<CreatedDt/>	Payment Processing Date	**yyyy-mm-dd** Payment Processing Date may differ if Original Process Date <PrcDt/> is not within service cutoff. **1900-01-01** if <PmtStatusCode> is **Failed**
74	</PmtRec>		
75	</PmtAddRs>		
76	</PaySvcRs>		
77	</IFX>		
78	</cnb:CNBEASI>		

Numbers in brackets [64] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 35)

RithmPay Vendor Registry File

Business Rules

Communication	Data Transmission
Availability	2am PT Monday thru Sunday
Data Transmission Naming	EASI_RPVendor.<SiteID>.<yyyymmddhhmi>.xml EASI_RPVendor.<SiteID>.<yyyymmddhhmi>.xml.pgp If SplitFiles is enabled (split by Company) EASI_RPVendor.<SiteID>.<CompanyName>.<yyyymmddhhmi>.xml EASI_RPVendor.<SiteID>.<CompanyName>.<yyyymmddhhmi>.xml.pgp

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<PaySvcRs>		
4	<RqUID/>		
5	<CustPayeeInqRs>		
6	<Status>		
7	<StatusCode/>	**0**	
8	<Severity/>	**Info**	
9	<StatusDesc/>	**Processed successfully**	
10	</Status>		
11	<RqUID/>		
12	<MsgRqHdr>		
13	<NetworkTrnInfo>		
14	<NetworkOwner/>	**Other**	
15	<OriginatorName/>		Optional – this field is blank and is reserved for future use
16	<Desc/>		Optional – This field is blank and is reserved for future use
17	</NetworkTrnInfo>		
18	</MsgRqHdr>		
19	<CustId>		
20	<SPName/>	[Site ID]	Site ID
21	<CustLoginId/>		Optional – This field is blank
22	<cnb:CompanyName/>	[Company Name]	Present when multiple files created for the same Site (SplitFiles is enabled)
23	</CustId>		
24	<CustPayeeRec>	Repeating one for each RithmPay CNB Payee ID, Customer account with payee combination	
25	<cnb:AcctId/>	Originator's Account Number	DDA Account Number
26	<CustPayeeId/>	[RithmPay CNB Payee ID]	CNB Payee ID generated for RithmPay
27	<CustPayeeInfo>		
28	<BillerPayee>		
29	<BillerId>		
30	<SPName/>	**CNB**	
31	<BillerNum/>	[Client Key]	Client Key known to AgilLink/RithmPay
32	<cnb:VendorKey/>	[Vendor Key]	Vendor Key known to AgilLink/RithmPay
33	<cnb:FirmId/>	[Firm Id]	FirmID known to AgilLink/RithmPay
34	<cnb:VendorStatus/>	**Active, Inactive**	
35	</BillerId>		
36	<BillerContact>		
37	<Name/>	Vendor Name	
38	</BillerContact>		
39	<BillerPayInfo>		
40	<PmtInst>		
41	<PmtInstType/>	**CheckAcct**	
42	<SettlementInfo>		
43	<SettlementMethod/>	**RithmPay**	
44	</SettlementInfo>		
45	</PmtInst>		
46	</BillerPayInfo>		
47	</BillerPayee>		
48	</CustPayeeInfo>		
49	<DaysToPay/>	**0**	
50	</CustPayeeRec>		

Line	XML format	Comments	Edit Info
51	</CustPayeeInqRs>		
52	</PaySvcRs>		
53	</IFX>		
54	</cnb:CNBEASI>		

Deposit Direct Send Services

Deposit Direct Send

Business Rules

Communication	Web Services & Data Transmission
Protocol	SOAP 1.1, SOAP 1.2, FTP, SFTP
Service Availability	3am to 11pm PT Monday thru Saturday
Service Cutoff	7 pm PT Monday thru Friday
Transaction	No future dated transactions
Data Transmission Naming Convention	EASI_Tran.<siteID>.<yyyymmddnnnn>.xml

Deposit Direct Send Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<BankSvcRq>		
14	<RqUID/>	Service Req. UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<CreditAddRq>	Repeating, each CreditAddRq is treated as a separate deposit	
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<CreditInfo>		
29	<CreditAuthType/>	**UnverifiedCheckDeposit**	
30	<CompositeCurAmt>		
31	<CompositeCurAmtType/>	**Credit**	
32	</CompositeCurAmt>		
33	<DepAcctId>		
34	<AcctId/>	[account to be credited]	max 9 numeric
35	<AcctType/>	**DDA** or **SDA**	
36	<BankInfo>		
37	<BankIdType/>	**ABA**	
38	<BankId/>	**122016066** or **026013958**	
39	</BankInfo>		
40	</DepAcctId>		
41	<CreditMediaItem>	Repeating, one per check	The first CreditMediaItem must be the deposit slip, and the OnUs field must have the following format: <AccountNumber>/648
42	<CreditMediaItemId/>	Check identifier within a batch	36 characters
43	<CreditMediaChkInfo>		

Line	XML format	Comments	Edit Info
44	<ChkEnteredAmt>		
45	<Amt/>	Check amount	
46	</ChkEnteredAmt>		
47	<ChkImg>		
48	<CryptType/>	**None**	
49	<ChkImgFront>		
50	<ContentType/>	**Image/tiff**	IETF RFC 2046 code
51	<BinLength/>	Size of the binary data in bytes	
52	<BinData/>	Check image	Base 64 encoded TIFF (CCITT Group 4) image
53	</ChkImgFront>		
54	<ChkImgBack>		
55	<ContentType/>	**Image/tiff**	IETF RFC 2046 code
56	<BinLength/>	Size of the binary data in bytes	
57	<BinData/>	Check image	Base 64 encoded TIFF (CCITT Group 4) image
58	</ChkImgBack>		
59	</ChkImg>		
60	<ChkDetail>		
61	<BankId/>	Routing number from the MICR line. Usually found in positions 33-43.	Max 9 numeric
62	<ProcessControl/>	External Processing Code from the MICR line, usually found in position 44 or 45. Required if present on the check.	Max 1 character (only 0-9 and * are allowed)
63	<OnUs/>	On-Us field from the MICR line, usually found in positions 14-31(or 32). The account number must be always followed by a slash (/).	Max 20 characters
64	<AuxOnUs/>	Auxiliary On-Us field from the MICR line, usually found in positions 45(or 46)-65. Required if present on the check.	Max 15 characters
65	</ChkDetail>		
66	</CreditMediaChkInfo>		
67	</CreditMediaItem>		
68	</CreditInfo>		
69	</CreditAddRq>		
70	</BankSvcRq>		
71	</IFX>		
72	</cnb:CNBEASI>		

Deposit Direct Send – X9.37-2003 v1.8

Business Rules

Version Supported	X9.37-2003 v1.8
Communication	Data Transmission
Service Availability	3 a.m. to 11 p.m. PT Monday through Saturday
Service Cutoff	7 p.m. PT Monday through Friday
Transaction	No future dated transactions
Data Transmission Naming Convention	EASI_Tran.<siteID>.<tpasID>.<yyyymmddnnnn>.x937

File Modifications/Requirements

	Requirements
1	A bundle must consist of a transaction set. A transaction set is defined as multiple 'Record type 25' consisting of a credit record with up to 250 associated debit(s) records that balance the credits to the debits.
2	Credits must always be first and followed by all debits belonging to that deposit
3	The Deposit Account Number is 9-digits, right justified, and zero filled.
4	Credits should not be in 'Record type 61'
5	If a credit item is not scanned along with the debit items the credit records must be created as a virtual document with appropriate MICR line information – Serial Number (if applicable), RT, Account Number, and Tran Code.
6	For 'Record type 25' (Check Detail Record, when used as a credit), use of internal routing and transit numbers in 'Field 4' is required.
7	For 'Record type 25' (Check Detail Record, when used as a credit), use of internal transaction codes (TC) and account numbers (A) must be in the proper location. Use MICR field 2 for the TC and format the field as follows: • AAAAAAAAAAAAAAAA/TC – This field only allows 20 positions which include the '/' symbol for an on-us symbol. • For on-us fields with no TC, the field should be formatted as AAAAAAAAAAAAAAAA/.
8	The **first** 'Record type 25' (Check Detail Record) must be the deposit slip. The On-Us field (Field 6) must have the following format • <AccountNumber>/648
9	All check records (Record type 25) including credits should be accompanied by: • a front image detail record (50) • a front image view record (52) • a back image detail record (50) • a back image view record (52)
10	All checks records (Record type 25) must include an endorsement in the standard payee endorsement area on the back image of the check. • viewing the back image lengthwise (top side up), the endorsement will appear on the far right of the image and perpendicular to the length of the check • wording will include "For Deposit Only" followed by "City National Bank" and the ABA along with the Account Name and Account Number
11	All images within the image view records (52) should be TIFF (CCITT Group 4) images.
12	File naming convention to adhere as follows: **EASI_Tran.<siteID>.<tpasID>.YYYYMMDDNNNN.X937** • Site ID will be provided by City National • TPAS ID will be provided by City National. *Note: Each deposit account number is assigned a unique TPAS ID.* • NNNN is a daily consecutive number starting with 0001

Deposit Direct Send Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<BankSvcRs>		
4	<RqUID/>	echo of original transaction	
5	<CreditAddRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error**, **Warn**, or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	
12	<Severity/>	**Error**, **Warn**, or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<CreditRec>		
29	<CreditId/>	Bank internal check identifier, if available.	
30	<CreditInfo>	echo of original transaction	
31	<CreditAuthType/>	echo of original transaction	
32	<CompositeCurAmt>	echo of original transaction	
33	<CompositeCurAmtType/>	echo of original transaction	
34	</CompositeCurAmt>	echo of original transaction	
35	<DepAcctId>	echo of original transaction	
36	<AcctId/>	echo of original transaction	
37	<AcctType/>	echo of original transaction	
38	<BankInfo>	echo of original transaction	
39	<BankIdType/>	echo of original transaction	
40	<BankId/>	echo of original transaction	
41	</BankInfo>	echo of original transaction	
42	</DepAcctId>	echo of original transaction	
43	<CreditMediaItem>	echo of original transaction	
44	<CreditMediaItemId/>	echo of original transaction	
45	<CreditMediaChkInfo>	echo of original transaction	
46	<ChkEnteredAmt>	echo of original transaction	
47	<Amt/>	echo of original transaction	
48	</ChkEnteredAmt>	echo of original transaction	
49	<ChkDetail>	echo of original transaction	
50	<BankId/>	echo of original transaction	
51	<ProcessControl/>	echo of original transaction	
52	<OnUs/>	echo of original transaction	
53	<AuxOnUs/>	echo of original transaction	
54	</ChkDetail>	echo of original transaction	
55	</CreditMediaChkInfo>	echo of original transaction	
56	</CreditMediaItem>	echo of original transaction	
57	</CreditInfo>	echo of original transaction	
58	<CreditStatus>		
59	<CreditStatusCode/>	**Authorized, Rejected**	
60	<EffDt/>	The date the transactions was accepted or rejected	
61	</CreditStatus>		
62	</CreditRec>		
63	</CreditAddRs>		
64	</BankSvcRs>		

Line	XML format	Comments	Edit Info
65	</IFX>		
66	</cnb:CNBEASI>		

Stop Payments Services

Stop Payments

Business Rules

Communication	Web Services & Data Transmission
Protocol	SOAP 1.1, SOAP 1.2, FTP, SFTP
Service Availability	3am to 11pm PT Monday thru Saturday
Service Cutoff	11pm PT Monday thru Saturday
Transaction	No future dated transactions
Data Transmission Naming Convention	EASI_Tran.<siteID>.<yyyymmddnnnn>.xml

Stop Payment Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<BankSvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<StopChkAddRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<DepAcctId>		
29	<AcctId/>	[account number]	max 9 numeric
30	<AcctType/>	**DDA**	
31	<BankInfo>		
32	<BankIdType/>	**ABA**	
33	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
34	</BankInfo>		
35	</DepAcctId>		
36	<ChkRange>	used for range stops only	For range stops use this aggregate
37	<ChkNumStart/>	used for range stops only	up to 11 numeric
38	<ChkNumEnd/>	used for range stops only	max 9 more than start
39	<OrigDt/>	used for range stops only - CNB custom element	Optional date; yyyy-mm-dd
40	<Desc/>	used for range stops only [stop payment reason] - CNB custom element	optional; max 20 char.
41	<Term>	used for range stops only - CNB custom element	Optional, if omitted defaults to 6 months
42	<Count/>	used for range stops only - CNB custom element	Required. Number of TermUnits for which a stop payment is effective. The only supported options are: 6, 12 when TermUnits is set to Months. Should be set to 0 if TermUnits is set to Indefinite.
43	<TermUnits/>	used for range stops only - CNB custom element	Required. The only supported options are **Months** and **Indefinite**

Line	XML format	Comments	Edit Info
44	</Term>	used for range stops only - CNB custom element	
45	</ChkRange>	used for range stops only	
46	<StopChkInfo>	used for single stops only	For single stops use this aggregate
47	<ChkNum/>	used for single stops only	up to 10 numeric
48	<Name/>	[Payee] used for single stops only	optional; max 30 characters
49	<CurAmt>	used for single stops only	
50	<Amt/>	used for single stops only	Maximum value 999,999,999.99
51	</CurAmt>	used for single stops only	
52	<OrigDt/>	used for single stops only	Optional date; yyyy-mm-dd
53	<Desc/>	used for single stops only [stop payment reason]	optional; max 20 char.
54	<Term>	used for single stops only - CNB custom element	Optional, if omitted defaults to 6 months
55	<Count/>	used for single stops only - CNB custom element	Required. Number of TermUnits for which a stop payment is effective. The only supported options are: 6, 12 when TermUnits is set to Months. Should be set to 0 if TermUnits is set to Indefinite.
56	<TermUnits/>	used for single stops only - CNB custom element	Required. The only supported options are **Months** and **Indefinite**
57	</Term>	used for single stops only - CNB custom element	
58	</StopChkInfo>		
59	</StopChkAddRq>		
60	</BankSvcRq>		
61	</IFX>		
62	</cnb:CNBEASI>		

Stop Payment Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<BankSvcRs>		
4	<RqUID/>	echo of original transaction	
5	<StopChkAddRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error, Warn,** or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	
12	<Severity/>	**Error, Warn,** or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<DepAcctId>	echo of original transaction	
29	<AcctId/>	echo of original transaction	
30	<AcctType/>	echo of original transaction	
31	<BankInfo>	echo of original transaction	
32	<BankIdType/>	echo of original transaction	
33	<BankId/>	echo of original transaction	
34	</BankInfo>	echo of original transaction	
35	</DepAcctId>	echo of original transaction	
36	<ChkRange>	echo of original transaction	
37	<ChkNumStart/>	echo of original transaction	
38	<ChkNumEnd/>	echo of original transaction	
39	<OrigDt/>	echo of original transaction	
40	<Desc/>	echo of original transaction	
41	<Term>	echo of original transaction	
42	<Count/>	echo of original transaction	
43	<TermUnits/>	echo of original transaction	
44	</Term>	echo of original transaction	
45	</ChkRange>	echo of original transaction	
46	<StopChkInfo>	echo of original transaction	
47	<ChkNum/>	echo of original transaction	
48	<Name/>	echo of original transaction	
49	<CurAmt>	echo of original transaction	
50	<Amt/>	echo of original transaction	
51	</CurAmt>	echo of original transaction	
52	<OrigDt/>	echo of original transaction	
53	<Desc/>	echo of original transaction	
54	<Term>	echo of original transaction	
55	<Count/>	echo of original transaction	
56	<TermUnits/>	echo of original transaction	
57	</Term>	echo of original transaction	
58	</StopChkInfo>	echo of original transaction	
59	<StopChkRec>	*List of paid checks by check serial number*	Always present even if no paid checks – IFX standard
60	<StopChkInfo>		
61	<ChkNum/>		Will be 0 if no paid-checks
62	<CurAmt>		
63	<Amt/>		Not present when (54) above is 0
64	</CurAmt>		

Line	XML format	Comments	Edit Info
65	</StopChkInfo>		
66	<PostedDt/>	date the check was posted	yyyy-mm-dd – not present when (54) above is 0
67	<StopChkStatusCode/>	**Cleared**	
68	</StopChkRec>		
69	</StopChkAddRs>		
70	</BankSvcRs>		
71	</IFX>		
72	</cnb:CNBEASI>		

Stop Payment Cancel

Business Rules

Communication	Web Services & Data Transmission
Protocol	SOAP 1.1, SOAP 1.2, FTP, SFTP
Service Availability	3am to 11pm PT Monday thru Saturday
Service Cutoff	11pm PT Monday thru Saturday
Transaction	No future dated transactions
Data Transmission Naming Convention	EASI_Tran.<siteID>.<yyyymmddnnnn>.xml

Stop Payment Cancel Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<BankSvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<StopChkCanRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<DepAcctId>		
29	<AcctId/>	[account number]	max 9 numeric
30	<AcctType/>	**DDA**	
31	<BankInfo>		
32	<BankIdType/>	**ABA**	
33	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
34	</BankInfo>		
35	</DepAcctId>		
36	<StopChkId/>	RqUID of the original Stop Check transaction, standard IFX element, added into StopChkCanRq aggregate by CNB	
37	</StopChkCanRq>		
38	</BankSvcRq>		
39	</IFX>		
40	</cnb:CNBEASI>		

Stop Payment Cancel Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<BankSvcRs>		
4	<RqUID/>	echo of original transaction	
5	<StopChkCanRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error, Warn,** or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	
12	<Severity/>	**Error, Warn,** or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<DepAcctId>	echo of original transaction	
29	<AcctId/>	echo of original transaction	
30	<AcctType/>	echo of original transaction	
31	<BankInfo>	echo of original transaction	
32	<BankIdType/>	echo of original transaction	
33	<BankId/>	echo of original transaction	
34	</BankInfo>	echo of original transaction	
35	</DepAcctId>	echo of original transaction	
36	<StopChkId/>	echo of original transaction	
37	</StopChkCanRs>		
38	</BankSvcRs>		
39	</IFX>		
40	</cnb:CNBEASI>		

Wire Services

Domestic Wire Transfer

Business Rules

Communication	Web Services & Data Transmission
Protocol	SOAP 1.1, SOAP 1.2, FTP, SFTP
Service Availability	3am to 11pm PT Monday thru Saturday
Service Cutoff	2:30 pm PT Monday thru Friday - Domestic Wire 4:00 pm PT Monday thru Friday - Book Wire (Internal)
Transaction	Future dated up to 30 calendar days
Data Transmission Naming Convention	EASI_Tran.<siteID>.<yyyymmddnnnn>.xml

Wire Transfer Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<PaySvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<PmtAddRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<PmtInfo>		
29	<PayerInfo>	**<Debit party information>**	
30	<OrgInfo>		
31	<Name/>	optional	max 35 characters
32	<CompositeContactInfo>		
33	<ContactInfoType/>	**GeneralInfo**	
34	<ContactInfo>		
35	<PostAddr>	optional	
36	<Addr1/>	Required, create empty tag if there's no address	max 35 characters [64]*
37	<Addr2/>	optional	max 35 characters [64]*
38	<City/>	optional	max 20 characters [32]*
39	<StateProv/>	optional	2 characters
40	<PostalCode/>	optional	max 11 characters
41	<Country/>	**USA**	ISO-3166 3-letter codes
42	</PostAddr>		
43	</ContactInfo>		
44	</CompositeContactInfo>		

* Numbers in brackets [64] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 35)

Line	XML format	Comments	Edit Info
45	</OrgInfo>		
46	</PayerInfo>		
47	<RemitInfo>		
48	<SettlementInfo>		
49	<SettlementMethod/>	**FedNet**	
50	<DepAcctId>	**[Beneficiary Bank (BBK)]**	
51	<AcctId/>	[Beneficiary account number]	Max 32 char – Required by IFX If not known enter **0**
52	<AcctType/>	**DDA**	Required
53	<BankInfo>		
54	<BankIdType/>	**ABA**; optional if IBK is present	
55	<BankId/>	[Beneficiary Bank ABA] optional if IBK is present	
56	<Name/>		Required – max 35 char.
57	<PostAddr>		
58	<Addr1/>	Required, create empty tag if there's no address	max 35 char. [64]*
59	<Addr2/>	Optional	max 35 char. [64]*
60	<City/>		max 20 characters [32]*
61	<StateProv/>		2 characters
62	<PostalCode/>	Optional	max 11 characters
63	<Country/>	**USA, required**	ISO-3166 3-letter codes
64	</PostAddr>		
65	</BankInfo>		
66	</DepAcctId>		
67	<Memo/>	[Originator to payee instructions]	optional – max 140 characters [255]*
68	<PmtInstruction>		
69	<IntermediaryDepAcct>	**[Intermediary bank (IBK)]**	optional – omit the entire aggregate if no IBK required
70	<SeqNum/>	**1**	
71	<DepAcctId>		
72	<AcctId/>	[Beneficiary bank account with IBK]	Required by IFX if IBK is present; max 24 numeric; if not available insert a 0.
73	<AcctType/>	**DDA**	Required if IBK is present
74	<BankInfo>		
75	<BankIdType/>	**ABA**	Required if IBK is present
76	<BankId/>	[Intermediary bank ABA]	Required if IBK is present
77	<Name/>		Required if IBK is present - max 35 char. [40]*
78	<PostAddr>		
79	<Addr1/>	Required if IBK is present, create empty tag if there's no address	max 35 char. [64]*
80	<Addr2/>	Optional	max 35 char. [64]*
81	<City/>		Required if IBK is present - max 20 characters [32]*
82	<StateProv/>		Required if IBK is present - 2 characters
83	<PostalCode/>	Optional	max 11 characters
84	<Country/>		Required if IBK is present - ISO-3166 3-letter codes
85	</PostAddr>		
86	</BankInfo>		
87	</DepAcctId>		
88	</IntermediaryDepAcct>		
89	</PmtInstruction>		
90	</SettlementInfo>		
91	<CustPayeeInfo>	**<Beneficiary Information>**	
92	<FSPayee>		
93	<PostAddr>		
94	<Addr1/>	required, create empty tag if there's no address	max 35 char. [64]*
95	<Addr2/>	optional	max 35 char. [64]*
96	<City/>	optional	max 20 characters [64]*
97	<StateProv/>	optional	2 characters
98	<PostalCode/>	optional	max 11 characters
99	<Country/>	**USA**	Required - ISO-3166 3-letter codes
100	</PostAddr>		
101	<ContactInfo>		

* Numbers in brackets [64] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 35)

Line	XML format	Comments	Edit Info
102	<ContactName/>	[beneficiary]	Required – 35 characters max [40] [*]
103	<EmailAddr/>	[Beneficiary email address] Remittance email will be sent with Wire details[1]	Optional – 128 characters max
104	</ContactInfo>		
105	</FSPayee>		
106	</CustPayeeInfo>		
107	<CurAmt>		
108	<Amt/>	[Amount]	Maximum value 999,999,999.99
109	</CurAmt>		
110	</RemitInfo>		
111	<DepAcctIdFrom>	Originator account	
112	<AcctId/>	[account number]	max 9 numeric
113	<AcctType/>	**DDA**	
114	<BankInfo>		
115	<BankIdType/>	**ABA**	
116	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
117	</BankInfo>		
118	</DepAcctIdFrom>		
119	<PrcDt/>	[Process Date] Effective Date wire is to be sent	Required - **yyyy-mm-dd**; must be within 30 days
120	</PmtInfo>		
121	</PmtAddRq>		
122	</PaySvcRq>		
123	</IFX>		
124	</cnb:CNBEASI>		

[*] Numbers in brackets [40] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 35)

[1] For email details please see Appendix A

Wire Transfer Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<PaySvcRs>		
4	<RqUID/>	echo of original transaction	
5	<PmtAddRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error**, **Warn**, or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	Typically 202
12	<Severity/>	**Error**, **Warn**, or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<PmtRec>		
29	<PmtId/>	**Reference Number**	18 char. IMAD if Fedwire e.g. 0328L2LFCK1C000001; ‘Book Transfer’ if converted to BT.
30	<PmtInfo>	echo of original transaction	
31	<PayerInfo>	echo of original transaction	
32	<OrgInfo>	echo of original transaction	
33	<Name/>	echo of original transaction	
34	<CompositeContactInfo>	echo of original transaction	
35	<ContactInfoType/>	echo of original transaction	
36	<ContactInfo>	echo of original transaction	
37	<PostAddr>	echo of original transaction	
38	<Addr1/>	echo of original transaction	Required, create empty tag if there’s no address
39	<Addr2/>	echo of original transaction	
40	<City/>	echo of original transaction	
41	<StateProv/>	echo of original transaction	
42	<PostalCode/>	echo of original transaction	
43	<Country/>	echo of original transaction	
44	</PostAddr>	echo of original transaction	
45	</ContactInfo>	echo of original transaction	
46	</CompositeContactInfo>	echo of original transaction	
47	</OrgInfo>	echo of original transaction	
48	</PayerInfo>	echo of original transaction	
49	<RemitInfo>	echo of original transaction	
50	<SettlementInfo>	echo of original transaction	
51	<SettlementMethod/>	echo of original transaction	
52	<DepAcctId>	echo of original transaction	
53	<AcctId/>	echo of original transaction	
54	<AcctType/>	echo of original transaction	
55	<BankInfo>	echo of original transaction	
56	<BankIdType/>	echo of original transaction	
57	<BankId/>	echo of original transaction	
58	<Name/>	echo of original transaction	
59	<PostAddr>	echo of original transaction	
60	<Addr1/>	echo of original transaction	Required, create empty tag if there’s no address
61	<Addr2/>	echo of original transaction	
62	<City/>	echo of original transaction	
63	<StateProv/>	echo of original transaction	
64	<PostalCode/>	echo of original transaction	

Line	XML format	Comments	Edit Info
65	<Country/>	echo of original transaction	
66	</PostAddr>	echo of original transaction	
67	</BankInfo>	echo of original transaction	
68	</DepAcctId>	echo of original transaction	
69	<Memo/>	echo of original transaction	
70	<PmtInstruction>	echo of original transaction	
71	<IntermediaryDepAcct>	echo of original transaction	
72	<SeqNum/>	echo of original transaction	
73	<DepAcctId>	echo of original transaction	
74	<AcctId/>	echo of original transaction	
75	<AcctType/>	echo of original transaction	
76	<BankInfo>	echo of original transaction	
77	<BankIdType/>	echo of original transaction	
78	<BankId/>	echo of original transaction	
79	<Name/>	echo of original transaction	
80	<PostAddr>	echo of original transaction	
81	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
82	<Addr2/>	echo of original transaction	
83	<City/>	echo of original transaction	
84	<StateProv/>	echo of original transaction	
85	<PostalCode/>	echo of original transaction	
86	<Country/>	echo of original transaction	
87	</PostAddr>	echo of original transaction	
88	</BankInfo>	echo of original transaction	
89	</DepAcctId>	echo of original transaction	
90	</IntermediaryDepAcct>	echo of original transaction	
91	</PmtInstruction>	echo of original transaction	
92	<PmtInstruction>		
93	<RefInfo>	Optional, IMAD from FedWire	
94	<RefType/>	**IMAD**	
95	<RefId/>		
96	</RefInfo>		
97	<RefInfo>	Optional, OMAD from FedWire	
98	<RefType/>	**OMAD**	
99	<RefId/>		
100	</RefInfo>		
101	</PmtInstruction>		
102	</SettlementInfo>	echo of original transaction	
103	<CustPayeeInfo>	echo of original transaction	
104	<FSPayee>	echo of original transaction	
105	<PostAddr>	echo of original transaction	
106	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
107	<Addr2/>	echo of original transaction	
108	<City/>	echo of original transaction	
109	<StateProv/>	echo of original transaction	
110	<PostalCode/>	echo of original transaction	
111	<Country/>	echo of original transaction	
112	</PostAddr>	echo of original transaction	
113	<ContactInfo>	echo of original transaction	
114	<ContactName/>	echo of original transaction	
115	<EmailAddr/>	echo of original transaction	
116	</ContactInfo>	echo of original transaction	
117	</FSPayee>	echo of original transaction	
118	</CustPayeeInfo>	echo of original transaction	
119	<CurAmt>	echo of original transaction	
120	<Amt/>	echo of original transaction	
121	</CurAmt>	echo of original transaction	
122	</RemitInfo>	echo of original transaction	
123	<DepAcctIdFrom>	echo of original transaction	
124	<AcctId/>	echo of original transaction	
125	<AcctType/>	echo of original transaction	
126	<BankInfo>	echo of original transaction	
127	<BankIdType/>	echo of original transaction	
128	<BankId/>	echo of original transaction	
129	</BankInfo>	echo of original transaction	
130	</DepAcctIdFrom>	echo of original transaction	

Line	XML format	Comments	Edit Info
131	<PrcDt/>	echo of original transaction, or the modified effective date Effective Date = Date the payer's bank account is debited	If StatusCode on line 7 is '10', this field will reflect the modified Effective Date because of a late release
132	</PmtInfo>	echo of original transaction	
133	<PmtStatus>		
134	<PmtStatusCode/>	**Scheduled, Processed, Cancelled, Failed**	
135	<EffDt/>	Date and time of the status or real time transaction response	**yyyy-mm-ddThh:mm:ss-hh:mm**
136	<PmtMethod/>	**FedNet**	
137	</PmtStatus>		
138	<CreatedDt/>	Date of the wire transaction handoff to MTS	**yyyy-mm-dd;** 1900-01-01 for wires that have not been sent to the Wire system
139	</PmtRec>		
140	</PmtAddRs>		
141	</PaySvcRs>		
142	</IFX>		
143	</cnb:CNBEASI>		

International Wire Transfer

Business Rules

Communication Web Services & Data Transmission

Protocol SOAP 1.1, SOAP 1.2, FTP, SFTP

Service Availability 3am to 11pm PT Monday thru Saturday

Service Cutoff
11:59 pm PT M-F: Business Int'l FX [Rate Sheet FX]
2:30 pm PT M-F: Business Int'l FX [Real Time FX]
1:55 pm PT M-F: Consumer Account Int'l FX [Rate sheet FX and Real Time FX]

2:30 pm PT M-F: Business Int'l USD
1:55 pm PT M-F: Consumer Account Int'l USD

Transaction

Consumer accounts –
No future dated transactions with Int'l FX and Int'l USD
Same day transactions only (business days only)
After Cutoff – Transactions will be canceled **same day** by EASI (CNB) - Int'l FX and Int'l USD

Business accounts –
No future dated transactions with Int'l FX
Future dated up to 30 calendar days with Only Int'l USD
After cutoff – Transaction will be canceled **next day** 2:30 pm by EASI (CNB) - Int'l FX [Rate Sheet FX]
After cutoff – Transactions will be canceled **same day** by EASI (CNB) - Int'l FX [Real Time FX]

Data Transmission Naming Convention EASI_Tran.<siteID>.<yyyymmddnnnn>.xml

International Wire Transfer Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<PaySvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<PmtAddRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<PmtInfo>		
29	<CurAmt>		
30	<Amt/>	[Amount]	Amount in USD debit from DDA account

Line	XML format	Comments	Edit Info
31	</CurAmt>		
32	<PayerInfo>	**<Debit party information>**	
33	<OrgInfo>		
34	<Name/>	optional	max 35 characters
35	<CompositeContactInfo>		
36	<ContactInfoType/>	**GeneralInfo**	
37	<ContactInfo>		
38	<PostAddr>	optional	
39	<Addr1/>	Required, create empty tag if there's no address	max 35 characters [64]*
40	<Addr2/>	optional	max 35 characters [64]*
41	<City/>	optional	max 20 characters [32]*
42	<StateProv/>	optional	2 characters
43	<PostalCode/>	optional	max 11 characters
44	<Country/>	**USA**	ISO-3166 3-letter codes
45	</PostAddr>		
46	</ContactInfo>		
47	</CompositeContactInfo>		
48	</OrgInfo>		
49	</PayerInfo>		
50	<RemitInfo>		
51	<SettlementInfo>		
52	<SettlementMethod/>	**SWIFT**	
53	<DepAcctId>	**[Beneficiary Bank (BBK)]**	
54	<AcctId/>	[Beneficiary account number]	Max 32 char – Required by IFX If not known enter **0**
55	<AcctType/>	**DDA**	Required
56	<BankInfo>		
57	<BankIdType/>	**SWIFT**; optional if IBK is present	
58	<BankId/>	[Beneficiary Bank SWIFT address] optional if IBK is present	8 or 11 char
59	<Name/>		Required – max 35 char.
60	<PostAddr>		
61	<Addr1/>	Required, create empty tag if there's no address	max 35 char. [64] †
62	<Addr2/>	Optional	max 35 char. [64]*
63	<City/>		max 20 characters [32]*
64	<StateProv/>		2 characters
65	<PostalCode/>	Optional	max 11 characters
66	<Country/>	Optional	ISO-3166 3-letter codes Must not be USA
67	</PostAddr>		
68	</BankInfo>		
69	</DepAcctId>		
70	<Memo/>	[Originator to payee instructions]	optional – max 140 characters [255]* Enter "IBAN <IBAN #>" here for IBAN account. E.g. "IBAN GR2301402530253002002003419"
71	<PmtInstruction>		
72	<RefInfo>		optional – omit the entire aggregate if trader control number is not provided
73	<RefType />	**TRCTRL, QUOTERQUID**	
74	<RefId />		Rate Sheet: Trader control number. Max 6 characters. Required if line 30 is greater than $50,000. Real-time FX Quote: The RqUID of the preceding Exchange Rate Inquiry, that coorelates to the Currency Rate presented on this wire request. Trader control number. Max 6 characters. Required if line 30 is greater than amount referenced on the Exchange Rate Inquiry.
75	</RefInfo>		
76	<IntermediaryDepAcct>	**[Intermediary bank (IBK)]**	optional – omit the entire aggregate if no IBK required
77	<SeqNum/>	**1**	
78	<DepAcctId>		

* Numbers in brackets [64] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 35)

† Numbers in brackets [64] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 35)

Line	XML format	Comments	Edit Info
79	<AcctId/>	[Beneficiary bank account with IBK]	Required by IFX if IBK is present; max 24 numeric; if not available insert a 0.
80	<AcctType/>	**DDA**	Required if IBK is present
81	<BankInfo>		
82	<BankIdType/>		Required if IBK is present , valid values are ABA, SWIFT
83	<BankId/>	[Intermediary bank ABA or SWIFT address]	Required if IBK is present
84	<Name/>		Required if IBK is present - max 35 char. [40]*
85	<PostAddr>		
86	<Addr1/>	Required if IBK is present, create empty tag if there's no address	max 35 char. [64]*
87	<Addr2/>	Optional	max 35 char. [64]*
88	<City/>		Required if IBK is present - max 20 characters [32]*
89	<StateProv/>		Required if IBK is present - 2 characters
90	<PostalCode/>	Optional	max 11 characters
91	<Country/>	Optional	ISO-3166 3-letter codes
92	</PostAddr>		
93	</BankInfo>		
94	</DepAcctId>		
95	</IntermediaryDepAcct>		
96	</PmtInstruction>		
97	</SettlementInfo>		
98	<CustPayeeInfo>	**<Beneficiary Information>**	
99	<FSPayee>		
100	<PostAddr>		
101	<Addr1/>	required, create empty tag if there's no address	max 35 char. [64]*
102	<Addr2/>	optional	max 35 char. [64]*
103	<City/>	optional	max 20 characters [64]*
104	<StateProv/>	optional	2 characters
105	<PostalCode/>	optional	max 11 characters
106	<Country/>		Required - ISO-3166 3-letter codes
107	</PostAddr>		
108	<ContactInfo>		
109	<ContactName/>	[beneficiary]	Required – 35 characters max [40] *
110	<EmailAddr/>	[Beneficiary email address] Remittance email will be sent with Wire details[1]	Optional – 128 characters max
111	</ContactInfo>		
112	</FSPayee>		
113	</CustPayeeInfo>		
114	<CurAmt>		
115	<Amt/>	[Foreign Currency Amount]	Maximum value 999,999,999.99. Amount in foreign currency. For foreign USD account, enter amount in USD here.
116	<CurCode/>		Required – 3 letter ISO-4217 currency code. E.g. USD, EUR
117	<CurRate/>		Required - Exchange Rate. Maximum 18 decimal digits. The amount of USD per unit of foreign currency. E.g. USD<->GBP the exchange rate is 1.659. Set this field to 1.000 if wiring to foreign account in USD.
118	<CurConvertRule/>	**Direct**	
119	</CurAmt>		
120	</RemitInfo>		
121	<DepAcctIdFrom>	Originator account	
122	<AcctId/>	[account number]	max 9 numeric
123	<AcctType/>	**DDA**	
124	<BankInfo>		
125	<BankIdType/>	**ABA**	
126	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
127	</BankInfo>		
128	</DepAcctIdFrom>		

* Numbers in brackets [40] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 35)

1 For email details please see Appendix A

Line	XML format	Comments	Edit Info
129	<PrcDt/>	Process Date – date when DDA account is debited	Required - **yyyy-mm-dd** If < today's date move transaction to release queue for current day processing approval. Cannot be future dated
130	</PmtInfo>		
131	</PmtAddRq>		
132	</PaySvcRq>		
133	</IFX>		
134	</cnb:CNBEASI>		

International Wire Transfer Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<PaySvcRs>		
4	<RqUID/>	echo of original transaction	
5	<PmtAddRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error, Warn,** or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	Typically 202
12	<Severity/>	**Error, Warn,** or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<PmtRec>		
29	<PmtId/>	**Reference Number**	IMAD (18 char) from FedWire if currency is in USD e.g. 0328L2LFCK1C000001; MIR (28 char) from SWIFT if currency is in FX e.g. 970103BANKBEBBAXXX2222123456
30	<PmtInfo>	echo of original transaction	
31	<CurAmt>		
32	<Amt/>	echo of original transaction or the modified amount	Amount in USD debit from DDA account. If StatusCode on line 7 is '10', this field will reflect the modified amount
33	</CurAmt>		
34	<PayerInfo>	echo of original transaction	
35	<OrgInfo>	echo of original transaction	
36	<Name/>	echo of original transaction	
37	<CompositeContactInfo>	echo of original transaction	
38	<ContactInfoType/>	echo of original transaction	
39	<ContactInfo>	echo of original transaction	
40	<PostAddr>	echo of original transaction	
41	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
42	<Addr2/>	echo of original transaction	
43	<City/>	echo of original transaction	
44	<StateProv/>	echo of original transaction	
45	<PostalCode/>	echo of original transaction	
46	<Country/>	echo of original transaction	
47	</PostAddr>	echo of original transaction	
48	</ContactInfo>	echo of original transaction	
49	</CompositeContactInfo>	echo of original transaction	
50	</OrgInfo>	echo of original transaction	
51	</PayerInfo>	echo of original transaction	
52	<RemitInfo>	echo of original transaction	
53	<SettlementInfo>	echo of original transaction	
54	<SettlementMethod/>	echo of original transaction	
55	<DepAcctId>	echo of original transaction	
56	<AcctId/>	echo of original transaction	
57	<AcctType/>	echo of original transaction	
58	<BankInfo>	echo of original transaction	
59	<BankIdType/>	echo of original transaction	
60	<BankId/>	echo of original transaction	

Line	XML format	Comments	Edit Info
61	<Name/>	echo of original transaction	
62	<PostAddr>	echo of original transaction	
63	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
64	<Addr2/>	echo of original transaction	
65	<City/>	echo of original transaction	
66	<StateProv/>	echo of original transaction	
67	<PostalCode/>	echo of original transaction	
68	<Country/>	echo of original transaction	
69	</PostAddr>	echo of original transaction	
70	</BankInfo>	echo of original transaction	
71	</DepAcctId>	echo of original transaction	
72	<Memo/>	echo of original transaction	
73	<PmtInstruction>	echo of original transaction	
74	<RefInfo>	echo of original transaction	
75	<RefType />	echo of original transaction	
76	<RefId />	echo of original transaction	
77	</RefInfo>	echo of original transaction	
78	<IntermediaryDepAcct>	echo of original transaction	
79	<SeqNum/>	echo of original transaction	
80	<DepAcctId>	echo of original transaction	
81	<AcctId/>	echo of original transaction	
82	<AcctType/>	echo of original transaction	
83	<BankInfo>	echo of original transaction	
84	<BankIdType/>	echo of original transaction	
85	<BankId/>	echo of original transaction	
86	<Name/>	echo of original transaction	
87	<PostAddr>	echo of original transaction	
88	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
89	<Addr2/>	echo of original transaction	
90	<City/>	echo of original transaction	
91	<StateProv/>	echo of original transaction	
92	<PostalCode/>	echo of original transaction	
93	<Country/>	echo of original transaction	
94	</PostAddr>	echo of original transaction	
95	</BankInfo>	echo of original transaction	
96	</DepAcctId>	echo of original transaction	
97	</IntermediaryDepAcct>	echo of original transaction	
98	</PmtInstruction>	echo of original transaction	
99	<PmtInstruction>		
100	<RefInfo>	Optional	IMAD from FedWire if currency is in USD
101	<RefType/>	**IMAD**	
102	<RefId/>		
103	</RefInfo>		
104	<RefInfo>	Optional	OMAD from FedWire if currency is in USD
105	<RefType/>	**OMAD**	
106	<RefId/>		
107	</RefInfo>		
108	<RefInfo>	Optional	MIR from SWIFT if currency is in FX
109	<RefType/>	**MIR**	
110	<RefId/>		
111	</RefInfo>		
112	</PmtInstruction>		
113	</SettlementInfo>	echo of original transaction	
114	<CustPayeeInfo>	echo of original transaction	
115	<FSPayee>	echo of original transaction	
116	<PostAddr>	echo of original transaction	
117	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
118	<Addr2/>	echo of original transaction	
119	<City/>	echo of original transaction	
120	<StateProv/>	echo of original transaction	
121	<PostalCode/>	echo of original transaction	
122	<Country/>	echo of original transaction	
123	</PostAddr>	echo of original transaction	
124	<ContactInfo>	echo of original transaction	
125	<ContactName/>	echo of original transaction	
126	<EmailAddr/>	echo of original transaction	
127	</ContactInfo>	echo of original transaction	

Line	XML format	Comments	Edit Info
128	</FSPayee>	echo of original transaction	
129	</CustPayeeInfo>	echo of original transaction	
130	<CurAmt>	echo of original transaction	
131	<Amt/>	echo of original transaction	
132	<CurCode/>	echo of original transaction	
133	<CurRate/>	echo of original transaction or the modified exchange rate	If StatusCode on line 7 is '10', this field will reflect the modified exchange rate
134	<CurConvertRule/>	echo of original transaction	
135	</CurAmt>	echo of original transaction	
136	</RemitInfo>	echo of original transaction	
137	<DepAcctIdFrom>	echo of original transaction	
138	<AcctId/>	echo of original transaction	
139	<AcctType/>	echo of original transaction	
140	<BankInfo>	echo of original transaction	
141	<BankIdType/>	echo of original transaction	
142	<BankId/>	echo of original transaction	
143	</BankInfo>	echo of original transaction	
144	</DepAcctIdFrom>	echo of original transaction	
145	<PrcDt/>	echo of original transaction, or the modified process date Process Date = Date the payer's bank account is debited	If StatusCode on line 7 is '10', this field will reflect the modified Process Date
146	</PmtInfo>	echo of original transaction	
147	<PmtStatus>		
148	<PmtStatusCode/>	**Scheduled, Processed, Cancelled, Failed**	
149	<EffDt/>	Date and time of the status or real time transaction response	**yyyy-mm-ddThh:mm:ss-hh:mm**
150	<PmtMethod/>	**SWIFT**	
151	</PmtStatus>		
152	<CreatedDt/>	Date of the wire transaction handoff to MTS	**yyyy-mm-dd;** 1900-01-01 for wires that have not been sent to the Wire system
153	</PmtRec>		
154	</PmtAddRs>		
155	</PaySvcRs>		
156	</IFX>		
157	</cnb:CNBEASI>		

3rd Party Wire Drawdown

Business Rules

Communication	Web Services & Data Transmission
Protocol	SOAP 1.1, SOAP 1.2, FTP, SFTP
Service Availability	3am to 11pm PT Monday thru Saturday
Service Cutoff	2:30 pm PT Monday thru Friday
Transaction	Future dated up to 30 calendar days
Data Transmission Naming Convention	EASI_Tran.<siteID>.<yyyymmddnnnn>.xml

3rd Party Wire Drawdown Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<PaySvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<PmtAddRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<PmtInfo>		
29	<PayerInfo>	**[Payer information (ORG)]**	
30	<OrgInfo>		
31	<Name/>	Client name	max 35 characters
32	<CompositeContactInfo>		
33	<ContactInfoType/>	**GeneralInfo**	
34	<ContactInfo>		
35	<PostAddr>	Client address	
36	<Addr1/>	Required, create empty tag if there's no address	max 35 characters [64]*
37	<Addr2/>	optional	max 35 characters [64]*
38	<City/>		max 20 characters [32]*
39	<StateProv/>		2 characters
40	<PostalCode/>		max 11 characters
41	<Country/>	**USA**	ISO-3166 3-letter codes
42	</PostAddr>		
43	</ContactInfo>		
44	</CompositeContactInfo>		
45	</OrgInfo>		
46	</PayerInfo>		
47	<RemitInfo>		
48	<SettlementInfo>		

* Numbers in brackets [64] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 35)

Line	XML format	Comments	Edit Info
49	<SettlementMethod/>	**FedNet**	
50	<DepAcctId>	**[Payee Account (BNF)]**	For 3rd party drawdown this is the beneficiary bank other than CNB
51	<AcctId/>	[Beneficiary account number]	Max 32 numeric
52	<AcctType/>	**DDA**	Required
53	<BankInfo>		
54	<BankIdType/>	**ABA**	
55	<BankId/>		
56	<Name/>	Required	max 35 char. [40]*
57	<PostAddr>		
58	<Addr1/>	Required, create empty tag if there's no address	max 35 char. [64]*
59	<Addr2/>	Optional	max 35 char. [64]*
60	<City/>		max 20 characters [32]*
61	<StateProv/>		2 characters
62	<PostalCode/>	Optional	max 11 characters
63	<Country/>	**USA, required**	ISO-3166 3-letter codes
64	</PostAddr>		
65	</BankInfo>		
66	</DepAcctId>		
67	<Memo/>	[Originator to payee instructions]	Required, create empty tag if there's no content – max 140 characters [255]*
68	<PmtInstruction>		
69	<PmtFormat/>	**DRC**	DRC for wire drawdown
70	</PmtInstruction>		
71	</SettlementInfo>		
72	<CounterpartyInfo>	**[CNB Account [DBT)]**	Required
73	<DepAcctId>		CNB account, required
74	<AcctId/>		Max 32 numeric
75	<AcctType/>	**DDA**	Required
76	<BankInfo>		
77	<BankIdType/>	**ABA**	
78	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
79	</BankInfo>		
80	</DepAcctId>		
81	</CounterpartyInfo>		
82	<CustPayeeInfo>	**[Payee Information (BNF)]**	
83	<FSPayee>		
84	<PostAddr>		
85	<Addr1/>	Required, create empty tag if there's no address	max 35 char. [64]*
86	<Addr2/>	optional	max 35 char. [64]*
87	<City/>		max 20 characters [64]*
88	<StateProv/>		2 characters
89	<PostalCode/>		max 11 characters
90	<Country/>	**USA**	ISO-3166 3-letter codes
91	</PostAddr>		
92	<ContactInfo>		
93	<ContactName/>	[beneficiary]	Required – 35 characters max [40]*
94	</ContactInfo>		
95	</FSPayee>		
96	</CustPayeeInfo>		
97	<CurAmt>		
98	<Amt/>	[Amount]	Maximum value 999,999,999.99
99	</CurAmt>		
100	</RemitInfo>		
101	<DepAcctIdFrom>	**[Payer Account (IBK for 3rd party)]**	
102	<AcctId/>	[account number]	max 24 numeric
103	<AcctType/>	**DDA**	
104	<BankInfo>		
105	<BankIdType/>	**ABA**	
106	<BankId/>		
107	<Name/>		max 35 char. [40]*
108	<PostAddr>		
109	<Addr1/>	Required, create empty tag if there's no address	max 35 char. [64]*

* Numbers in brackets [64] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 35)

Line	XML format	Comments	Edit Info
110	<Addr2/>	Optional	max 35 char. [64]*
111	<City/>		max 20 characters [32]*
112	<StateProv/>		2 characters
113	<PostalCode/>	Optional	max 11 characters
114	<Country/>	**USA**	ISO-3166 3-letter codes
115	</PostAddr>		
116	</BankInfo>		
117	</DepAcctIdFrom>		
118	<PrcDt/>	[Process Date] Effective Date wire is to be sent	Required - **yyyy-mm-dd**; **Date wire is to be sent; can be up to 30 calendar days in the future.**
119	</PmtInfo>		
120	</PmtAddRq>		
121	</PaySvcRq>		
122	</IFX>		
123	</cnb:CNBEASI>		

3rd Party Wire Drawdown Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<PaySvcRs>		
4	<RqUID/>	echo of original transaction	
5	<PmtAddRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error, Warn,** or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	Typically 202
12	<Severity/>	**Error, Warn,** or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<PmtRec>		
29	<PmtId/>	**Reference Number**	18 char. IMAD if Fedwire e.g. 0328L2LFCK1C000001; 'Book Transfer' if converted to BT.
30	<PmtInfo>	echo of original transaction	
31	<PayerInfo>	echo of original transaction	
32	<OrgInfo>	echo of original transaction	
33	<Name/>	echo of original transaction	
34	<CompositeContactInfo>	echo of original transaction	
35	<ContactInfoType/>	echo of original transaction	
36	<ContactInfo>	echo of original transaction	
37	<PostAddr>	echo of original transaction	
38	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
39	<Addr2/>	echo of original transaction	
40	<City/>	echo of original transaction	
41	<StateProv/>	echo of original transaction	
42	<PostalCode/>	echo of original transaction	
43	<Country/>	echo of original transaction	
44	</PostAddr>	echo of original transaction	
45	</ContactInfo>	echo of original transaction	
46	</CompositeContactInfo>	echo of original transaction	
47	</OrgInfo>	echo of original transaction	
48	</PayerInfo>	echo of original transaction	
49	<RemitInfo>	echo of original transaction	
50	<SettlementInfo>	echo of original transaction	
51	<SettlementMethod/>	echo of original transaction	
52	<DepAcctId>	echo of original transaction	
53	<AcctId/>	echo of original transaction	
54	<AcctType/>	echo of original transaction	
55	<BankInfo>	echo of original transaction	
56	<BankIdType/>	echo of original transaction	
57	<BankId/>	echo of original transaction	
58	<Name/>	echo of original transaction	
59	<PostAddr>	echo of original transaction	
60	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
61	<Addr2/>	echo of original transaction	
62	<City/>	echo of original transaction	
63	<StateProv/>	echo of original transaction	
64	<PostalCode/>	echo of original transaction	

Line	XML format	Comments	Edit Info
65	<Country/>	echo of original transaction	
66	</PostAddr>	echo of original transaction	
67	</BankInfo>	echo of original transaction	
68	</DepAcctId>	echo of original transaction	
69	<Memo/>	echo of original transaction	
70	<PmtInstruction>	echo of original transaction	
71	<PmtFormat/>	echo of original transaction	
72	</PmtInstruction>	echo of original transaction	
73	<PmtInstruction>		
74	<RefInfo>	Optional, IMAD from FedWire	
75	<RefType/>	**IMAD**	
76	<RefId/>		
77	</RefInfo>		
78	</PmtInstruction>		
79	</SettlementInfo>	echo of original transaction	
80	<CounterpartyInfo>	echo of original transaction	
81	<DepAcctId>	echo of original transaction	
82	<AcctId/>	echo of original transaction	
83	<AcctType/>	echo of original transaction	
84	<BankInfo>	echo of original transaction	
85	<BankIdType/>	echo of original transaction	
86	<BankId/>	echo of original transaction	
87	</BankInfo>	echo of original transaction	
88	</DepAcctId>	echo of original transaction	
89	</CounterpartyInfo>	echo of original transaction	
90	<CustPayeeInfo>	echo of original transaction	
91	<FSPayee>	echo of original transaction	
92	<PostAddr>	echo of original transaction	
93	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
94	<Addr2/>	echo of original transaction	
95	<City/>	echo of original transaction	
96	<StateProv/>	echo of original transaction	
97	<PostalCode/>	echo of original transaction	
98	<Country/>	echo of original transaction	
99	</PostAddr>	echo of original transaction	
100	<ContactInfo>	echo of original transaction	
101	<ContactName/>	echo of original transaction	
102	</ContactInfo>	echo of original transaction	
103	</FSPayee>	echo of original transaction	
104	</CustPayeeInfo>	echo of original transaction	
105	<CurAmt>	echo of original transaction	
106	<Amt/>	echo of original transaction	
107	</CurAmt>	echo of original transaction	
108	</RemitInfo>	echo of original transaction	
109	<DepAcctIdFrom>	echo of original transaction	
110	<AcctId/>	echo of original transaction	
111	<AcctType/>	echo of original transaction	
112	<BankInfo>	echo of original transaction	
113	<BankIdType/>	echo of original transaction	
114	<BankId/>	echo of original transaction	
115	<Name/>	echo of original transaction	
116	<PostAddr>	echo of original transaction	
117	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
118	<Addr2/>	echo of original transaction	
119	<City/>	echo of original transaction	
120	<StateProv/>	echo of original transaction	
121	<PostalCode/>	echo of original transaction	
122	<Country/>	echo of original transaction	
123	</PostAddr>	echo of original transaction	
124	</BankInfo>	echo of original transaction	
125	</DepAcctIdFrom>	echo of original transaction	
126	<PrcDt/>	echo of original transaction, or the modified effective date Effective Date = Date the payer's bank account is debited	If StatusCode on line 7 is '10', this field will reflect the modified Effective Date because of a late release
127	</PmtInfo>	echo of original transaction	
128	<PmtStatus>		

Line	XML format	Comments	Edit Info
129	<PmtStatusCode/>	**Scheduled, Processed, Cancelled, Failed**	
130	<EffDt/>	Date and time of the status or real time transaction response	**yyyy-mm-ddThh:mm:ss-hh:mm**
131	<PmtMethod/>	**FedNet**	
132	</PmtStatus>		
133	<CreatedDt/>	Date of the wire transaction handoff to MTS	**yyyy-mm-dd;** 1900-01-01 for wires that have not been sent to the Wire system
134	</PmtRec>		
135	</PmtAddRs>		
136	</PaySvcRs>		
137	</IFX>		
138	</cnb:CNBEASI>		

Wire Drawdown

Business Rules

Communication	Web Services & Data Transmission
Protocol	SOAP 1.1, SOAP 1.2, FTP, SFTP
Service Availability	3am to 11pm PT Monday thru Saturday
Service Cutoff	2:30 pm PT Monday thru Friday
Transaction	Future dated up to 30 calendar days
Data Transmission Naming Convention	EASI_Tran.<siteID>.<yyyymmddnnnn>.xml

Wire Drawdown Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<PaySvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<PmtAddRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<PmtInfo>		
29	<PayerInfo>	**[Payer information (ORG)]**	
30	<OrgInfo>		
31	<Name/>	Client name	max 35 characters
32	<CompositeContactInfo>		
33	<ContactInfoType/>	**GeneralInfo**	
34	<ContactInfo>		
35	<PostAddr>	Client address	
36	<Addr1/>	Required, create empty tag if there's no address	max 35 characters [64]*
37	<Addr2/>	optional	max 35 characters [64]*
38	<City/>		max 20 characters [32]*
39	<StateProv/>		2 characters
40	<PostalCode/>		max 11 characters
41	<Country/>	**USA**	ISO-3166 3-letter codes
42	</PostAddr>		
43	</ContactInfo>		
44	</CompositeContactInfo>		
45	</OrgInfo>		
46	</PayerInfo>		
47	<RemitInfo>		
48	<SettlementInfo>		

* Numbers in brackets [64] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 35)

Line	XML format	Comments	Edit Info
49	<SettlementMethod/>	**FedNet**	
50	<DepAcctId>	**[Payee Account (BNF)]**	CNB is beneficiary bank
51	<AcctId/>	[Beneficiary account number]	Max 32 numeric
52	<AcctType/>	**DDA**	Required
53	<BankInfo>		
54	<BankIdType/>	**ABA**	
55	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
56	<Name/>		max 35 char. [40]*
57	<PostAddr>		
58	<Addr1/>		max 35 char. [64]*
59	<Addr2/>		max 35 char. [64]*
60	<City/>		max 20 characters [32]*
61	<StateProv/>		2 characters
62	<PostalCode/>		max 11 characters
63	<Country/>	**USA, required**	ISO-3166 3-letter codes
64	</PostAddr>		
65	</BankInfo>		
66	</DepAcctId>		
67	<Memo/>	[Originator to payee instructions**]**	Required, create empty tag if there's no content – max 140 characters [255]*
68	<PmtInstruction>		
69	<PmtFormat/>	**DRC**	DRC for wire draw down
70	</PmtInstruction>		
71	</SettlementInfo>		
72	<CustPayeeInfo>	**[Payee Information (BNF)]**	
73	<FSPayee>		
74	<PostAddr>		
75	<Addr1/>	Required, create empty tag if there's no address	max 35 char. [64]*
76	<Addr2/>	optional	max 35 char. [64]*
77	<City/>		max 20 characters [64]*
78	<StateProv/>		2 characters
79	<PostalCode/>		max 11 characters
80	<Country/>	**USA**	ISO-3166 3-letter codes
81	</PostAddr>		
82	<ContactInfo>		
83	<ContactName/>	[beneficiary]	Required – 35 characters max [40]*
84	</ContactInfo>		
85	</FSPayee>		
86	</CustPayeeInfo>		
87	<CurAmt>		
88	<Amt/>	[Amount]	Maximum value 999,999,999.99
89	</CurAmt>		
90	</RemitInfo>		
91	<DepAcctIdFrom>	**[Payer Account (BBK)]**	
92	<AcctId/>	[account number]	max 24 numeric
93	<AcctType/>	**DDA**	
94	<BankInfo>		
95	<BankIdType/>	**ABA**	
96	<BankId/>		
97	<Name/>		max 35 char. [40]*
98	<PostAddr>		
99	<Addr1/>	Required, create empty tag if there's no address	max 35 char. [64]*
100	<Addr2/>	Optional	max 35 char. [64]*
101	<City/>		max 20 characters [32]*
102	<StateProv/>		2 characters
103	<PostalCode/>	Optional	max 11 characters
104	<Country/>	**USA**	ISO-3166 3-letter codes
105	</PostAddr>		
106	</BankInfo>		
107	</DepAcctIdFrom>		
108	<PrcDt/>	[Process Date] Effective Date wire is to be sent	Required - **yyyy-mm-dd**; **Date wire is to be sent; can be up to 30 calendar days in the future.**

* Numbers in brackets [40] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 35)

Line	XML format	Comments	Edit Info
109	</PmtInfo>		
110	</PmtAddRq>		
111	</PaySvcRq>		
112	</IFX>		
113	</cnb:CNBEASI>		

Wire Drawdown Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<PaySvcRs>		
4	<RqUID/>	echo of original transaction	
5	<PmtAddRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error, Warn,** or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	Typically 202
12	<Severity/>	**Error, Warn,** or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<PmtRec>		
29	<PmtId/>	**Reference Number**	18 char. IMAD if Fedwire e.g. 0328L2LFCK1C000001; 'Book Transfer' if converted to BT.
30	<PmtInfo>	echo of original transaction	
31	<PayerInfo>	echo of original transaction	
32	<OrgInfo>	echo of original transaction	
33	<Name/>	echo of original transaction	
34	CompositeContactInfo>	echo of original transaction	
35	<ContactInfoType/>	echo of original transaction	
36	<ContactInfo>	echo of original transaction	
37	<PostAddr>	echo of original transaction	
38	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
39	<Addr2/>	echo of original transaction	
40	<City/>	echo of original transaction	
41	<StateProv/>	echo of original transaction	
42	<PostalCode/>	echo of original transaction	
43	<Country/>	echo of original transaction	
44	</PostAddr>	echo of original transaction	
45	</ContactInfo>	echo of original transaction	
46	</CompositeContactInfo>	echo of original transaction	
47	</OrgInfo>	echo of original transaction	
48	</PayerInfo>	echo of original transaction	
49	<RemitInfo>	echo of original transaction	
50	<SettlementInfo>	echo of original transaction	
51	<SettlementMethod/>	echo of original transaction	
52	<DepAcctId>	echo of original transaction	
53	<AcctId/>	echo of original transaction	
54	<AcctType/>	echo of original transaction	
55	<BankInfo>	echo of original transaction	
56	<BankIdType/>	echo of original transaction	
57	<BankId/>	echo of original transaction	
58	<Name/>	echo of original transaction	
59	<PostAddr>	echo of original transaction	
60	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
61	<Addr2/>	echo of original transaction	
62	<City/>	echo of original transaction	
63	<StateProv/>	echo of original transaction	
64	<PostalCode/>	echo of original transaction	

Line	XML format	Comments	Edit Info
65	<Country/>	echo of original transaction	
66	</PostAddr>	echo of original transaction	
67	</BankInfo>	echo of original transaction	
68	</DepAcctId>	echo of original transaction	
69	<Memo/>	echo of original transaction	
70	<PmtInstruction>	echo of original transaction	
71	<PmtFormat/>	echo of original transaction	
72	</PmtInstruction>	echo of original transaction	
73	<PmtInstruction>		
74	<RefInfo>	Optional, IMAD from FedWire	
75	<RefType/>	**IMAD**	
76	<RefId/>		
77	</RefInfo>		
78	<RefInfo>	Optional, OMAD from FedWire	
79	<RefType/>	**OMAD**	
80	<RefId/>		
81	</RefInfo>		
82	</PmtInstruction>		
83	</SettlementInfo>	echo of original transaction	
84	<CustPayeeInfo>	echo of original transaction	
85	<FSPayee>	echo of original transaction	
86	<PostAddr>	echo of original transaction	
87	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
88	<Addr2/>	echo of original transaction	
89	<City/>	echo of original transaction	
90	<StateProv/>	echo of original transaction	
91	<PostalCode/>	echo of original transaction	
92	<Country/>	echo of original transaction	
93	</PostAddr>	echo of original transaction	
94	<ContactInfo>	echo of original transaction	
95	<ContactName/>	echo of original transaction	
96	</ContactInfo>	echo of original transaction	
97	</FSPayee>	echo of original transaction	
98	</CustPayeeInfo>	echo of original transaction	
99	<CurAmt>	echo of original transaction	
100	<Amt/>	echo of original transaction	
101	</CurAmt>	echo of original transaction	
102	</RemitInfo>	echo of original transaction	
103	<DepAcctIdFrom>	echo of original transaction	
104	<AcctId/>	echo of original transaction	
105	<AcctType/>	echo of original transaction	
106	<BankInfo>	echo of original transaction	
107	<BankIdType/>	echo of original transaction	
108	<BankId/>	echo of original transaction	
109	<Name/>	echo of original transaction	
110	<PostAddr>	echo of original transaction	
111	<Addr1/>	echo of original transaction	Required, create empty tag if there's no address
112	<Addr2/>	echo of original transaction	
113	<City/>	echo of original transaction	
114	<StateProv/>	echo of original transaction	
115	<PostalCode/>	echo of original transaction	
116	<Country/>	echo of original transaction	
117	</PostAddr>	echo of original transaction	
118	</BankInfo>	echo of original transaction	
119	</DepAcctIdFrom>	echo of original transaction	
120	<PrcDt/>	echo of original transaction, or the modified effective date Effective Date = Date the payer's bank account is debited	If StatusCode on line 7 is '10', this field will reflect the modified Effective Date because of a late release
121	</PmtInfo>	echo of original transaction	
122	<PmtStatus>		
123	<PmtStatusCode/>	**Scheduled, Processed, Cancelled, Failed**	
124	<EffDt/>	Date and time of the status or real time transaction response	**yyyy-mm-ddThh:mm:ss-hh:mm**
125	<PmtMethod/>	**FedNet**	
126	</PmtStatus>		
127	<CreatedDt/>	Date of the wire transaction handoff to MTS	**yyyy-mm-dd;** 1900-01-01 for wires that have not been sent to the Wire system

Line	XML format	Comments	Edit Info
128	</PmtRec>		
129	</PmtAddRs>		
130	</PaySvcRs>		
131	</IFX>		
132	</cnb:CNBEASI>		

Xfer Services

Account Transfer

Business Rules

Communication	Web Services & Data Transmission
Protocol	SOAP 1.1, SOAP 1.2, FTP, SFTP
Service Availability	3am to 11pm PT Monday thru Saturday
Service Cutoff	11pm PT Monday thru Saturday
Transaction	No future dated transactions
Data Transmission Naming Convention	EASI_Tran.<siteID>.<yyyymmddnnnn>.xml

Account Transfer Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<BankSvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<XferAddRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<XferInfo>		
29	<DepAcctIdFrom>		
30	<AcctId/>	[from account number]	max 9 numeric
31	<AcctType/>	**DDA**	
32	<BankInfo>		
33	<BankIdType/>	**ABA**	
34	<BankId/>	**122016066** or **026013958**	
35	</BankInfo>		
36	</DepAcctIdFrom>		
37	<DepAcctIdTo>		
38	<AcctId/>	[to account number]	max 9 numeric
39	<AcctType/>	**DDA**	
40	<BankInfo>		
41	<BankIdType/>	**ABA**	
42	<BankId/>	**122016066** or **026013958**	
43	</BankInfo>		
44	</DepAcctIdTo>		
45	<CurAmt>		
46	<Amt/>	[amount]	Maximum Value 999,999,999.99
47	</CurAmt>		

Line	XML format	Comments	Edit Info
48	<DueDt/>	Effective date	**yyyy-mm-dd** If < today's date move transaction to release queue for current day processing approval.
49	</XferInfo>		
50	</XferAddRq>		
51	</BankSvcRq>		
52	</IFX>		
53	</cnb:CNBEASI>		

Account Transfer Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<BankSvcRs>		
4	<RqUID/>	echo of original transaction	
5	<XferAddRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error, Warn,** or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	
12	<Severity/>	**Error, Warn,** or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<XferRec>		
29	<XferId/>	0	
30	<XferInfo>	echo of original transaction	
31	<DepAcctIdFrom>	echo of original transaction	
32	<AcctId/>	echo of original transaction	
33	<AcctType/>	echo of original transaction	
34	<BankInfo>	echo of original transaction	
35	<BankIdType/>	echo of original transaction	
36	<BankId/>	echo of original transaction	
37	</BankInfo>	echo of original transaction	
38	</DepAcctIdFrom>	echo of original transaction	
39	<DepAcctIdTo>	echo of original transaction	
40	<AcctId/>	echo of original transaction	
41	<AcctType/>	echo of original transaction	
42	<BankInfo>	echo of original transaction	
43	<BankIdType/>	echo of original transaction	
44	<BankId/>	echo of original transaction	
45	</BankInfo>	echo of original transaction	
46	</DepAcctIdTo>	echo of original transaction	
47	<CurAmt>	echo of original transaction	
48	<Amt/>	echo of original transaction	
49	</CurAmt>	echo of original transaction	
50	<DueDt/>	echo of original transaction, or the modified effective date Effective Date = Date the payer's bank account is credited or debited	If StatusCode on line 7 is '10', this field will reflect the modified Effective Date because of a late release
51	</XferInfo>	echo of original transaction	
52	<XferStatus>		
53	<XferStatusCode/>	**Scheduled, Processed, Rejected, Pending, Failed**	
54	<EffDt/>	processed date and time	**yyyy-mm-ddThh:mm:ss** for pending transactions 1900-01-01
55	</XferStatus>		
56	</XferRec>		
57	</XferAddRs>		
58	</BankSvcRs>		
59	</IFX>		
59	</cnb:CNBEASI>		

CNS Transfer

Business Rules

Communication	Web Services & Data Transmission
Protocol	SOAP 1.1, SOAP 1.2, FTP, SFTP
Service Availability	3am to 11pm PT Monday thru Saturday
Service Cutoff	11am PT Monday thru Friday
Transaction	Future dated up to 30 calendar days
Data Transmission Naming Convention	EASI_Tran.<siteID>.<yyyymmddnnnn>.xml

CNS Transfer Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<BankSvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<XferAddRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<XferInfo>		
29	<DepAcctIdFrom>		For CNS 'Sell' orders, enter the MMA account
30	<AcctId/>	[from account number]	max 9 numeric, or 10 character alpha for MMA
31	<AcctType/>	**DDA** or **MMA**	
32	<BankInfo>		
33	<BankIdType/>	**ABA**	
34	<BankId/>	**122016066** or **026013958**	
35	</BankInfo>		
36	</DepAcctIdFrom>		
37	<DepAcctIdTo>		For CNS 'Buy' orders, enter the MMA account
38	<AcctId/>	[to account number]	max 9 numeric, or 10 character alpha for MMA
39	<AcctType/>	**DDA** or **MMA**	
40	<BankInfo>		
41	<BankIdType/>	**ABA**	
42	<BankId/>	**122016066** or **026013958**	
43	</BankInfo>		
44	</DepAcctIdTo>		
45	<CurAmt>		
46	<Amt/>	[amount]	Maximum Value 99,999,999.99
47	</CurAmt>		
48	<DueDt/>	Effective date	**yyyy-mm-dd** Required
49	</XferInfo>		

Line	XML format	Comments	Edit Info
50	</XferAddRq>		
51	</BankSvcRq>		
52	</IFX>		
53	</cnb:CNBEASI>		

CNS Transfer Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<BankSvcRs>		
4	<RqUID/>	echo of original transaction	
5	<XferAddRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error, Warn,** or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	
12	<Severity/>	**Error, Warn,** or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<XferRec>		
29	<XferId/>	NFS confirmation number	NFS Confirmation Number for a successfully completed transaction
30	<XferInfo>	echo of original transaction	
31	<DepAcctIdFrom>	echo of original transaction	
32	<AcctId/>	echo of original transaction	
33	<AcctType/>	echo of original transaction	
34	<BankInfo>	echo of original transaction	
35	<BankIdType/>	echo of original transaction	
36	<BankId/>	echo of original transaction	
37	</BankInfo>	echo of original transaction	
38	</DepAcctIdFrom>	echo of original transaction	
39	<DepAcctIdTo>	echo of original transaction	
40	<AcctId/>	echo of original transaction	
41	<AcctType/>	echo of original transaction	
42	<BankInfo>	echo of original transaction	
43	<BankIdType/>	echo of original transaction	
44	<BankId/>	echo of original transaction	
45	</BankInfo>	echo of original transaction	
46	</DepAcctIdTo>	echo of original transaction	
47	<CurAmt>	echo of original transaction	
48	<Amt/>	echo of original transaction, or the client approved modified amount	If StatusCode on line 7 contains '10', this amount may have been altered by City National Securities
49	</CurAmt>	echo of original transaction	
50	<DueDt/>	echo of original transaction, or the modified effective date Effective Date = Date the payer's bank account is credited or debited	If StatusCode on line 7 is '10', this field will reflect the modified Effective Date because of a late release
51	</XferInfo>	echo of original transaction	
52	<XferStatus>		
53	<XferStatusCode/>	**Scheduled, Processed, Rejected, Pending, Failed**	
54	<EffDt/>	processed date and time	**yyyy-mm-ddThh:mm:ss** for pending transactions 1900-01-01
55	</XferStatus>		
56	</XferRec>		
57	</XferAddRs>		
58	</BankSvcRs>		

Line	XML format	Comments	Edit Info
59	</IFX>		
59	</cnb:CNBEASI>		

Information Reporting Services

Services within the Information Reporting category are grouped by the account types the information comes from.

Credit Card Services

Credit Card Entitlements Inquiry

Credit Card Entitlements File

Business Rules

Communication	Data Transmission
Protocol	FTP, SFTP
Availability	6am PT Monday thru Friday
Data Transmission Naming Convention	EASI_CCEntitlement.<SiteID>.<yyyymmddhhmi>.xml EASI_CCEntitlement.<SiteID>.<yyyymmddhhmi>.xml.pgp

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<Status>		
4	<StatusCode/>	0	
5	<Severity/>		
6	<StatusDesc/>		
7	</Status>		
8	</IFX>		
9	<cnb:EntitlementRs>		
10	<cnb:Entitlement>	Repeating aggregate for each account	
11	<CustId>		
12	<SPName/>		
13	<CustLoginId/>		
14	<cnb:ParentCustId/>	Company/BMF CIS Number	
15	<cnb:ParentCustName/>	Company/BMF Name	
16	</CustId>		
17	<CardAcctId>		
18	<AcctId/>		
19	<AcctType/>	**CCA**	
20	<Name1/>		
21	<Name2/>		
22	<OpenDt/>		
23	</CardAcctId>		
24	<cnb:Products>		
25	<cnb:Product>	Repeating aggregate for each product	
26	<cnb:ProductName/>	CTP	
27	<EffDt/>	Active date	**yyyy-mm-ddThh:mm:ss-hh:mm**
28	</cnb:Product>		
29	</cnb:Products>		
30	<cnb:Releasers>		
31	<cnb:Releaser/>	Repeating element for each releaser	Login IDs of releasers
36	</cnb:Releasers>		
37	</cnb:Entitlement>		
38	</cnb:EntitlementRs>		
39	</cnb:CNBEASI>		

Credit Card Relationships Inquiry

Credit Card Relationships File

Business Rules

Communication	Data Transmission
Protocol	FTP, SFTP
Availability	6am PT Monday thru Friday
Data Transmission Naming Convention	EASI_CCRelationship.<SiteID>.<yyyymmddhhmi>.xml EASI_CCRelationship.<SiteID>.<yyyymmddhhmi>.xml.pgp

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<Status>		
4	<StatusCode/>	0	
5	<Severity/>		
6	<StatusDesc/>		
7	</Status>		
8	</IFX>		
9	<cnb:EntitlementRs>		
10	<cnb:Entitlement>	Repeating aggregate for each account	
11	<CustId>		
12	<SPName/>		
13	<CustLoginId/>		
14	</CustId>		
15	<CardAcctId>	Parent account	
16	<AcctId/>		
17	<AcctType/>	**CCA**	
18	<AuthUserName1/>		Optional
19	<AuthUserName2/>		Optional
20	<AuthUserName3/>		Optional
21	</CardAcctId>		
22	<cnb:LinkedAccounts>		
23	<cnb:LinkedAccount>	Repeating aggregate for each Child Account	
24	<CardAcctId>		
25	<AcctId/>		
26	<AcctType/>	**CCA**	
27	<AuthUserName1/>		Optional
28	<AuthUserName2/>		Optional
29	<AuthUserName3/>		Optional
30	</CardAcctId>		
31	<cnb:LinkType/>	**Child**	
36	</cnb:LinkedAccount>		
37	</cnb:LinkedAccounts>		
38	</cnb:Entitlement>		
39	</cnb:EntitlementRs>		
40	</cnb:CNBEASI>		

Prior Cycle Credit Card Reporting Inquiry

Credit Card Transactions Prior Cycle File

Business Rules

Communication	Data Transmission
Protocol	FTP, SFTP
Availability	6am PT Monday thru Friday
Data Transmission Naming Convention	EASI_TranCCPriorCycle.<SiteID>.<yyyymmddhhmi>.xml EASI_TranCCPriorCycle.<SiteID>.<yyyymmddhhmi>.xml.pgp

The format is the same as Prior Day Credit Card Reporting Response

Prior Day Credit Card Reporting Inquiry

Business Rules

Communication	Web Service
Protocol	SOAP 1.1, SOAP 1.2
Service Availability	3am to 11pm PT Monday thru Saturday

Prior Day Credit Card Reporting Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<BankSvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<CCAcctStmtInqRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<RecCtrlIn>	This element supports paging. If the previous response returned RecCtrlOut, resubmit Cursor element to receive the next set of transactions	
29	<MaxRec/>		Required. This element indicates the maximum # of transactions returned by this web service call. The valid value for this element is from 1 to 50.
30	<Cursor>	Copy from the previous response	
31	<BinLength/>		
32	<BinData/>		Base 64 encoded
33	</Cursor>		
34	</RecCtrlIn>		
35	<CardAcctId>		
36	<AcctId/>	[account number]	16 digits credit card number
37	<AcctType/>	**CCA**	
38	</CardAcctId>		
39	<SelRangeDt>		StartDt must equal EndDt (date ranges are not supported).Transactions with the matching posting date will be returned.
40	<StartDt/>		**yyyy-mm-dd**
41	<EndDt/>		**yyyy-mm-dd**
42	</SelRangeDt>		
43	<IncDetail/>	**"1"**	
44	</CCAcctStmtInqRq>		
45	</BankSvcRq>		
46	</IFX>		
47	</cnb:CNBEASI>		

Prior Day Credit Card Reporting Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<BankSvcRs>		
4	<RqUID/>	echo of original transaction	
5	<CCAcctStmtInqRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error**, **Warn**, or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	
12	<Severity/>	**Error**, **Warn**, or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	Optional, 40 characters max
21	<Desc/>	echo of original transaction	80 characters max
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<RecCtrlOut>	Present if there are additional transactions not included in this response. Resubmit the request along with Cursor element to receive the next set of transactions	
29	<MatchedRec/>	Total transaction count for the selected date	
30	<SentRec/>	Number of transactions in this response	
31	<Cursor>		
32	<BinLength/>		
33	<BinData/>		Base 64 encoded
34	</Cursor>		
35	</RecCtrlOut>		
36	<CardAcctId>	echo of original transaction	
37	<AcctId/>	echo of original transaction	
38	<AcctType/>	echo of original transaction	
39	</CardAcctId>	echo of original transaction	
40	<SelRangeDt>	echo of original transaction	
41	<StartDt/>	echo of original transaction	
42	<EndDt/>	echo of original transaction	
43	</SelRangeDt>	echo of original transaction	
44	<IncDetail/>	echo of original transaction	
45	<CCAcctStmtRec>		
46	<AcctBal>	Repeating element	
47	<BalType/>		AvailCredit, CreditLimit, Outstanding
48	<CurAmt>		
49	<Amt/>	Balance amount	-99999999999.99 If <StatusCode/> (line 7) is not zero, then this field will be zero
50	</CurAmt>		
51	<EffDt/>	Balance date	yyyy-mm-dd If <StatusCode/> (line 7) is not zero, this tag will be suppressed.
52	</AcctBal>		
53	<DueDt/>	Payment due date	1900-01-01 if no payment due.
54	<MinAmtDue>		
55	<Amt/>		
56	</MinAmtDue>		
57	<StartDt/>	Start date for this set of transactions	**yyyy-mm-dd**
58	<EndDt/>	End date for this set of transactions	**yyyy-mm-dd**
59	<LastPmtDt/>	Last payment date	1900-01-01 if this is there is no last payment
60	<LastPmtCurAmt>		

Line	XML format	Comments	Edit Info
61	<Amt/>	Last payment amount	
62	</LastPmtCurAmt>		
63	<CCAcctTrnRec>	Repeating, once per transaction	
64	<BankAcctTrnRec>		
65	<TrnType/>		
66	<DebitCredit/>	**Credit, Debit**	
67	<PostedDt/>		
68	<OrigDt/>	Transaction date	
69	<CurAmt>		
70	<Amt/>		-99999999999.99
71	</CurAmt>		
72	<IndustId>		
73	<Org/>	**SIC**	
74	<IndustNum/>		
75	</IndustId>		
76	</BankAcctTrnRec>		
77	<SalesSlipRefNum/>		Transaction reference number
78	<Memo />		Merchant name, city, state, country separated by commas
79	</CCAcctTrnRec>		
80	</CCAcctStmtRec>		
81	</CCAcctStmtInqRs>		
82	</BankSvcRs>		
83	</IFX>		
84	</cnb:CNBEASI>		

Credit Card Transactions Prior Day File

Business Rules

Communication	Data Transmission
Protocol	FTP, SFTP
Availability	6am PT Monday thru Friday
Data Transmission Naming Convention	EASI_TranCCPriorDay.<SiteID>.<yyyymmddhhmi>.xml EASI_TranCCPriorDay.<SiteID>.<yyyymmddhhmi>.xml.pgp

Credit Card Statement Image

Business Rules

Communication	Web Service
Protocol	SOAP 1.1, SOAP 1.2
Service Availability	3am to 11pm PT Monday thru Saturday

Credit Card Statement Image Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<BankSvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<BankAcctStmtImgInqRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<CardAcctId>		
29	<AcctId/>	[account number]	16 digits credit card number
30	<AcctType/>	**CCA**	
31	</CardAcctId>		
32	<SelRangeDt>		StartDt must equal EndDt (date ranges are not supported).The statement with the matching cycle end date will be returned.
33	<StartDt/>		**yyyy-mm-dd**
34	<EndDt/>		**yyyy-mm-dd**
35	</SelRangeDt>		
36	</BankAcctStmtImgInqRq>		
37	</BankSvcRq>		
38	</IFX>		
39	</cnb:CNBEASI>		

Credit Card Statement Image Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<BankSvcRs>	Repeating (for FTP)	
4	<RqUID/>	echo of original transaction	
5	<BankAcctStmtImgInqRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error, Warn,** or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	
12	<Severity/>	**Error, Warn,** or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<CardAcctId>	echo of original transaction	
29	<AcctId/>	echo of original transaction	
30	<AcctType/>	echo of original transaction	
31	</CardAcctId>	echo of original transaction	
32	<SelRangeDt>	echo of original transaction	
33	<StartDt/>	echo of original transaction	
34	<EndDt/>	echo of original transaction	
35	</SelRangeDt>	echo of original transaction	
36	<BankAcctStmtImgInqRec>	Repeating (for FTP)	
37	<StartDt/>		StartDt is always equal to the EndDt.
38	<EndDt/>		**yyyy-mm-dd**, end of the statement period
39	<StmtImg>		
40	<ContentType/>	**application/pdf**	IETF RFC 2046 code
41	<BinLength/>	Size of the binary data in bytes	
42	<BinData/>		Base 64 encoded PDF document
43	</StmtImg>		
44	</BankAcctStmtImgInqRec>		
45	</BankAcctStmtImgInqRs>		
46	</BankSvcRs>		
47	</IFX>		
48	</cnb:CNBEASI>		

Image Credit Card Statement File

Business Rules

Communication	Data Transmission
Protocol	FTP, SFTP
Availability	5am PT Monday thru Saturday
Data Transmission Naming Convention	EASI_CCStmts.<SiteID>.<yyyymmddhhmi>.xml EASI_CCStmts.<SiteID>.<yyyymmddhhmi>.xml.pgp

DDA Services

Current Day Reporting & Prior Day Reporting Inquiry

Business Rules

Communication	Web Service
Protocol	SOAP 1.1, SOAP 1.2
Service Availability	3am to 11pm PT Monday thru Saturday

Current Day Reporting & Prior Day Reporting Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<BankSvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<DepAcctStmtInqRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
	<Desc/>	[Comma delimited string of user IDs]	80 characters max
21	</NetworkTrnInfo>		
22	</MsgRqHdr>		
23	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
24	<SPName/>	[Site ID] uniquely identifies TPAS installation	
25	<CustLoginId/>	TPAS assigned ID	
26	</CustId>		
27	<RecCtrlIn>	This element supports paging. If the previous response returned RecCtrlOut, resubmit Cursor element to receive the next set of transactions	
28	<MaxRec/>		Required. This element indicates the maximum # of transactions returned by this web service call. The valid value for this element is from 1 to 50.
29	<Cursor>	Copy from the previous response	
30	<BinLength/>		
31	<BinData/>		Base 64 encoded
32	</Cursor>		
33	</RecCtrlIn>		
34	<DepAcctId>		
35	<AcctId/>	[account number]	max 9 numeric, or 10 character alpha for MMA
36	<AcctType/>	**DDA or MMA**	DDA for CNB Accounts MMA for CNS Accounts
37	<BankInfo>		
38	<BankIdType/>	**ABA**	
39	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
40	</BankInfo>		
41	</DepAcctId>		
42	<SelRangeDt>		StartDt must equal EndDt (date ranges are not supported).Transactions with the matching posting date will be returned.

Line	XML format	Comments	Edit Info
43	<StartDt/>		**yyyy-mm-dd**
44	<EndDt/>		**yyyy-mm-dd**
45	</SelRangeDt>		
46	<IncDetail/>	**"1"**	
47	</DepAcctStmtInqRq>		
48	</BankSvcRq>		
49	</IFX>		
50	</cnb:CNBEASI>		

Current Day Reporting & Prior Day Reporting Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<BankSvcRs>		
4	<RqUID/>	echo of original transaction	
5	<DepAcctStmtInqRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error**, **Warn**, or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	
12	<Severity/>	**Error**, **Warn**, or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	Optional, 40 characters max
21	<Desc/>	echo of original transaction	80 characters max
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<RecCtrlOut>	Present if there are additional transactions not included in this response. Resubmit the request along with Cursor element to receive the next set of transactions	
29	<MatchedRec/>	Total transaction count for the selected date	
30	<SentRec/>	Number of transactions in this response	
31	<Cursor>		
32	<BinLength/>		
33	<BinData/>		Base 64 encoded
34	</Cursor>		
35	</RecCtrlOut>		
36	<DepAcctId>	echo of original transaction	
37	<AcctId/>	echo of original transaction	
38	<AcctType/>	echo of original transaction	
39	<BankInfo>	echo of original transaction	
40	<BankIdType/>	echo of original transaction	
41	<BankId/>	echo of original transaction	
42	</BankInfo>	echo of original transaction	
43	</DepAcctId>	echo of original transaction	
44	<SelRangeDt>	echo of original transaction	
45	<StartDt/>	echo of original transaction	
46	<EndDt/>	echo of original transaction	
47	</SelRangeDt>	echo of original transaction	
48	<IncDetail/>	echo of original transaction	
49	<DepAcctStmtRec>		
50	<AcctBal>	Repeating element	
51	<BalType/>		
52	<BAICode/>		
53	<CurAmt>		
54	<Amt/>	Balance amount	-99999999999.99 If <StatusCode/> (line 7) is not zero, then this field will be zero
55	</CurAmt>		

Line	XML format	Comments	Edit Info
56	<EffDt/>	Balance date/time	yyyy-mm-ddThh:mm:ss-hh:mm Ledger, collected and 1DayFloat will reflect the last banking day+1 and a time of 00:00. All other tags will reflect the current date/time of the real-time balance. If <StatusCode/> (line 7) is not zero, this tag will be suppressed.
57	</AcctBal>		
58	<StartDt/>	Start date for this set of transactions	**yyyy-mm-dd**
59	<EndDt/>	End date for this set of transactions	**yyyy-mm-dd**
60	<DepAcctTrnRec>	Repeating, once per transaction	
61	<BankAcctTrnRec>		
62	<TrnType/>		
63	<TrnSrc/>		Transaction Description (Only on Prior Day Reporting)
64	<BAICode/>		
65	<DebitCredit/>	**Credit, Debit**	
66	<PostedDt/>		
67	<CurAmt>		
68	<Amt/>		-99999999999.99
69	</CurAmt>		
70	<RefInfo>	Optional, repeating	
71	<RefType/>	TrnRef	TrnRef – Transaction reference number for non-wire transactions.
72	<RefId/>		
73	</RefInfo>		
74	</BankAcctTrnRec>		
75	<ChkNum/>		
76	<Memo/>	Transaction memo	Optional
77	<WireDetail>		
78	<WireType/>		WireType - Typef of incoming wire, RefId - Incoming, Outgoing, Return, Drawdown, ThirdParty
79	<MessageType/>		
80	<BatchSeq/>		
81	<ItemSeq/>		
82	<SystemRef/>		
83	<Routing/>		
84	<FundsType/>		
85	<TrnRef/>		
86	<Id>		
87	<RefType/>		
88	<RefId/>		
89	</Id>		
90	<CnfSrcCode/>		
91	<ValueDt/>		
92	<DbtAmt>		
93	<Amt/>		
94	<CurCode/>		
95	</DbtAmt>		
96	<CdtAmt>		
97	<Amt/>		
98	<CurCode/>		
99	</CdtAmt>		
100	<DbtCharge/>		
101	<CdtCharge/>		
102	<ExchangeRate/>		
103	<WireInfo/>		
104	<ExpTxnRefNum/>		
105	<TranType/>		
106	<RepNum/>		
107	<DeliveryDt/>		
108	<Time/>		
109	<TraderCntrlNum/>		
110	<HostPrinterDestId/>		
111	<DestAddress1/>		
112	<DestAddress2/>		
113	<DestAddress3/>		

Line	XML format	Comments	Edit Info
114	<DestAddress4/>		
115	<ORG2BNFMemo/>		
116	<SRF/>		Sender reference number
117	<ORF/>		Originator's reference number
118	<OMAD/>		
119	<Bank2BankMemo/>		
120	<ADV/>		
121	<BBK>		
122	<BankIdType/>	ABA, SWIFT, IMTS, CHIPS, BranchCode	
123	<BankId/>		
124	<Name/>		
125	<PostAddr>		
126	<Addr1/>	Required, create empty tag if there's no address	
127	<Addr2/>		
128	<Addr3/>		
129	<Country/>	Required	ISO-3166 3-letter codes
130	</PostAddr>		
131	</BBK>		
132	<BNF>		
133	<PartyIdType/>		
134	<PartyId/>		
135	<Name/>		
136	<Address>		
137	<Addr1/>		
138	<Addr2/>		
139	<Addr3/>		
140	<PostalCode/>		
141	<Country/>		
142	</Address>		
143	<AddressId/>		
144	<EqBank/>		
145	</BNF>		
146	<DBT>		
147	<PartyIdType/>		
148	<PartyId/>		
149	<Name/>		
150	<Address>		
151	<Addr1/>		
152	<Addr2/>		
153	<Addr3/>		
154	<Country/>		
155	</Address>		
156	</DBT>		
157	<IBK>	Repeating element	
158	<BankIdType/>		
159	<BankId/>		
160	<Name/>		
161	<PostAddr>		
162	<Addr1/>		
163	<Addr2/>		
164	<Addr3/>		
165	<Country/>		
166	</PostAddr>		
167	</IBK>		
168	<OBK>		
169	<BankIdType/>		
170	<BankId/>		
171	<Name/>		
172	<PostAddr>		
173	<Addr1/>		
174	<Addr2/>		
175	<Addr3/>		
176	<Country/>		
177	</PostAddr>		
178	</OBK>		
179	<ORG>		
180	<PartyIdType/>		

Line	XML format	Comments	Edit Info
181	<PartyId/>		
182	<Name/>		
183	<Address>		
184	<Addr1/>		
185	<Addr2/>		
186	<Addr3/>		
187	<Country/>		
188	</Address>		
189	</ORG>		
190	<SBK>		
191	<BankIdType/>		
192	<BankId/>		
193	<Name/>		
194	<PostAddr>		
195	<Addr1/>		
196	<Addr2/>		
197	<Addr3/>		
198	<Country/>		
199	</PostAddr>		
200	</SBK>		
201	</WireDetail>		
202	</DepAcctTrnRec>		
203	</DepAcctStmtRec>		
204	</DepAcctStmtInqRs>		
205	</BankSvcRs>		
206	</IFX>		
207	</cnb:CNBEASI>		

DDA Transactions Current Day File

Business Rules

Communication	Data Transmission
Protocol	FTP, SFTP
Availability	4am to 7:45pm PT Monday thru Friday
Data Transmission Naming Convention	EASI_TranCurrentDay.<SiteID>.<yyyymmddhhmi>.xml EASI_TranCurrentDay.<SiteID>.<yyyymmddhhmi>.xml.pgp EASI_TranCurrentDay.<SiteID>.<yyyymmddhhmi>.bai2 EASI_TranCurrentDay.<SiteID>.<yyyymmddhhmi>.bai2.pgp

DDA Transactions Prior Day File

Business Rules

Communication	Data Transmission
Protocol	FTP, SFTP
Availability	4am PT Monday thru Friday
Data Transmission Naming Convention	EASI_TranPriorDay.<SiteID>.<yyyymmddhhmi>.xml EASI_TranPriorDay.<SiteID>.<yyyymmddhhmi>.xml.pgp EASI_TranPriorDay.<SiteID>.<yyyymmddhhmi>.bai2 EASI_TranPriorDay.<SiteID>.<yyyymmddhhmi>.bai2.pgp

Entitlements Inquiry

Entitlements File

Business Rules

Communication	Data Transmission
Protocol	FTP, SFTP
Availability	5:30am PT Tuesday thru Saturday
Data Transmission Naming Convention	EASI_Entitlement.<SiteID>.<yyyymmddhhmi>.xml EASI_Entitlement.<SiteID>.<yyyymmddhhmi>.xml.pgp

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<Status>		
4	<StatusCode/>	0	
5	<Severity/>		
6	<StatusDesc/>		
7	</Status>		
8	</IFX>		
9	<cnb:EntitlementRs>		
10	<cnb:Entitlement>	Repeating aggregate for each account	
11	<CustId>		
12	<SPName/>	[Site ID] uniquely identifies TPAS installation	
13	<CustLoginId/>	Client assigned TPAS ID	Alpha/Numeric characters
14	<cnb:ParentCustID/>	Company/BMF CIS Number	
15	<cnb:ParentCustName/>	Company/BMF Name	
16	</CustId>		
17	<DepAcctId>		
18	<AcctId/>		
19	<AcctType/>		
20	<BankInfo>		
21	<BankIdType/>		
22	<BankId/>		
23	</BankInfo>		
24	</DepAcctId>		
25	<BankAcctInfo>		
26	<CustAcctUse />	**Consumer** or **Business**	Consumer for consumer customer account Business for business account Blank for unknown
27	</BankAcctinfo>		
28	<cnb:Products>		
29	<cnb:Product>	Repeating aggregate for each product	
30	<cnb:ProductName/>	CNB defined values: FTR, ACH, STOP, BXFER,CNS, DWT, IWN	
31	<EffDt/>	Active date	**yyyy-mm-ddThh:mm:ss-hh:mm**
32	<cnb:ACHIds>	For ACH only	
33	<cnb:ACHIdInfo>	Repeating aggregate for each ACH ID	
34	<cnb:ACHId/>		
35	<cnb:Prefund/>	Valid values: 0, 1. 0 represents false and 1 represents true. Datatype is <ifx:Boolean>	
36	<cnb:ACHIdInfo/>		
37	</cnb:ACHIds>		
38	<cnb:LinkedAccounts>	For book Transfers, CNS Transfers, and CCA Inquiry	
39	<cnb:LinkedAccount>	Repeating aggregate for each Receiver/Child Account	
40	<DepAcctId>		
41	<AcctId/>		
42	<AcctType/>		
43	<BankInfo>		
44	<BankIdType/>		
45	<BankId/>		
46	</BankInfo>		
47	</DepAcctId>		
48	<cnb:LinkType/>	Receiver (For Book and CNS Transfer) or Child (For CCA Inquiry)	
49	</cnb:LinkedAccount>		
50	</cnb:LinkedAccounts>		
51	</cnb:Product>		

Line	XML format	Comments	Edit Info
52	</cnb:Products>		
53	<cnb:Releasers>		
54	<cnb:Releaser/>	Repeating element for each releaser	Login IDs of releasers
55	</cnb:Releasers>		
56	</cnb:Entitlement>		
57	</cnb:EntitlementRs>		
58	</cnb:CNBEASI>		

Incoming Wire Notification

Business Rules

Communication	Web Service
Protocol	SOAP 1.1, SOAP 1.2
Service Availability	3am to 11pm PT Monday thru Saturday

Incoming Wire Notification Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<BankSvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<DepAcctTrnInqRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<DepAcctId>		
29	<AcctId/>		Max 32 char
30	<AcctType/>	**DDA**	
31	<BankInfo>		
32	<BankIdType/>	**ABA**	
33	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
34	</BankInfo>		
35	</DepAcctId>		
36	<SelRangeDt>	Date/time range of transactions to return. If omitted, all transactions for today are returned	Optional
37	<StartDt/>	Required, must be after today – 15 days	**yyyy-mm-ddThh:mm:ss-hh:mm**
38	<EndDt/>	If omitted it means "now". If the end date is >start date + 24 hours, EASI will return transactions between start date and start date +24 hours. No error will be returned.	**Optional; yyyy-mm-ddThh:mm:ss-hh:mm**

Line	XML format	Comments	Edit Info
39	</SelRangeDt>		
40	<TrnType/>	**Credit**	
41	<TrnSrc/>	**Wire**	
42	</DepAcctTrnInqRq>		
43	</BankSvcRq>		
44	</IFX>		
45	</cnb:CNBEASI>		

TPAS may request incoming wire notifications. When the request is submitted without the date range, all notifications for the current day are returned. EASI maintains the history of incoming wire notifications for 15 calendar days.

Incoming Wire Notification Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<BankSvcRs>		
4	<RqUID/>	echo of original transaction	
5	<DepAcctTrnInqRs>	Repeating, one per account	
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error, Warn,** or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	Typically 202
12	<Severity/>	**Error, Warn,** or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<DepAcctId>	echo of original transaction	
29	<AcctId/>	echo of original transaction	
30	<AcctType/>	echo of original transaction	
31	<BankInfo>	echo of original transaction	
32	<BankIdType/>	echo of original transaction	
33	<BankId/>	echo of original transaction	
34	</BankInfo>	echo of original transaction	
35	</DepAcctId>	echo of original transaction	
36	<SelRangeDt>	echo of original transaction	
37	<StartDt/>	echo of original transaction	
38	<EndDt/>	echo of original transaction	
39	<SelRangeDt>	echo of original transaction	
40	<TrnType/>	echo of original transaction	
41	<TrnSrc/>	echo of original transaction	
42	<DepAcctTrnRec>	Repeating, one per transaction	
43	<BankAcctTrnRec>		
44	<TrnType/>	**Credit**	
45	<TrnSrc/>	**Wire**	
46	<PostedDt/>	Posted date	yyyy-mm-dd
47	<EffDt/>	Date of the wire credit	yyyy-mm-dd
48	<CurrAmt>		
49	<Amt/>		
50	<CurCode/>	ISO-4217.currency codes: **USD, EUR, GBP, CAD**, etc	
51	<CurrAmt>		
52	<Memo/>	Required, originator to payee instructions, create empty tag if no instruction	
53	<Memo/>	Required, bank to bank instructions, create empty tag if no instruction	
54	<Memo/>	Required, advice information from the wire, create empty tag if no advice	105 characters max
55	<CounterpartyInfo>		
56	<DepAcctId>	Payer bank	
57	<AcctId/>		
58	<AcctType/>	**DDA**, **SWIFT** or **Unknown**	
59	<BankInfo>		
60	<BankIdType/>	**SWIFT** if present, otherwise **ABA**	
61	<BankId/>		
62	<Name/>		

Line	XML format	Comments	Edit Info
63	<PostAddr>		
64	<Addr1/>	Required, create empty tag if there's no address	
65	<Addr2/>		
66	<Addr3/>		
67	<Country/>		
68	</PostAddr>		
69	</BankInfo>		
70	</DepAcctId>		
71	</CounterpartyInfo>		
72	<RefInfo>	Optional, repeating	
73	<RefType/>	**WireType, SRF, HostID, ORF, IMAD, OMAD**	**WireType** - Typef of incoming wire, RefId – **Incoming**, **Return** **SRF** - Sender reference number **HostID** - CNB wire system transaction ID, can be used for reconcilement with DDA **ORF** - originator's reference number **IMAD** - IMAD from FedWire **OMAD** - OMAD from FedWire
74	<RefId/>		
75	</RefInfo>		
76	<CustPayeeInfo>		
77	<FSPayee>		
78	<PostAddr>	Payee address	
79	<Addr1/>	Required, create empty tag if there's no address	
80	<Addr2/>		
81	<Addr3/>		
82	<Country/>		
83	</PostAddr>		
84	<ContactInfo>		
85	<ContactName/>	Payee name	
86	</ContactInfo>		
87	</FSPayee>		
88	</CustPayeeInfo>		
89	<PayerInfo>		
90	<OrgInfo>		
91	<Name/>	Payer name	
92	<CompositeContactInfo>		
93	<ContactInfoType/>	**GeneralInfo**	
94	<ContactInfo>		
95	<PostAddr>	Payer address	
96	<Addr1/>	Required, create empty tag if there's no address	
97	<Addr2/>		
98	<Addr3/>		
99	<Country/>		
100	</PostAddr>		
101	</ContactInfo>		
102	</CompositeContactInfo>		
103	</OrgInfo>		
104	</PayerInfo>		
105	</BankAcctTrnRec>		
106	<PmtId/>	Reference number	Blank if converted to Account Transfer
107	</DepAcctTrnRec>		
108	</DepAcctTrnInqRs>		
109	</BankSvcRs>		
110	</IFX>		
111	</cnb:CNBEASI>		

Incoming Wire Notification File

Business Rules

Communication	Data Transmission
Protocol	FTP, SFTP
Availability	3am to 11 pm PT Monday thru Saturday
Data Transmission Naming Convention	EASI_IWN.<SiteID>.<yyyymmddhhmi>.xml EASI_IWN.<SiteID>.<yyyymmddhhmi>.xml.pgp

Statement Image

Business Rules

Communication	Web Service
Protocol	SOAP 1.1, SOAP 1.2
Service Availability	3am to 11pm PT Monday thru Saturday

Statement Image Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<BankSvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<BankAcctStmtImgInqRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<DepAcctId>		
29	<AcctId/>	[account number]	max 9 numeric
30	<AcctType/>	**DDA** or **CNS**	
31	<BankInfo>		
32	<BankIdType/>	**ABA**	
33	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
34	</BankInfo>		
35	</DepAcctId>		
36	<SelRangeDt>		StartDt must equal EndDt (date ranges are not supported).The statement with the matching cycle end date will be returned.
37	<StartDt/>		**yyyy-mm-dd**
38	<EndDt/>		**yyyy-mm-dd**
39	</SelRangeDt>		
40	<StmtType />	**Legal**	Optional, defaults to Legal.
41	</BankAcctStmtImgInqRq>		
42	</BankSvcRq>		
43	</IFX>		
44	</cnb:CNBEASI>		

Statement Image Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<BankSvcRs>	Repeating (for FTP)	
4	<RqUID/>	echo of original transaction	
5	<BankAcctStmtImgInqRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error, Warn,** or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	
12	<Severity/>	**Error, Warn,** or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<DepAcctId>	echo of original transaction	
29	<AcctId/>	echo of original transaction	
30	<AcctType/>	echo of original transaction	
31	<BankInfo>	echo of original transaction	
32	<BankIdType/>	echo of original transaction	
33	<BankId/>	echo of original transaction	
34	</BankInfo>	echo of original transaction	
35	</DepAcctId>	echo of original transaction	
36	<SelRangeDt>	echo of original transaction	
37	<StartDt/>	echo of original transaction	
38	<EndDt/>	echo of original transaction	
39	</SelRangeDt>	echo of original transaction	
40	<StmtType />	echo of original transaction	If original transaction omits this element, it should be omitted here as well.
41	<BankAcctStmtImgInqRec>	Repeating (for FTP)	
42	<StartDt/>		StartDt is always equal to the EndDt.
43	<EndDt/>		**yyyy-mm-dd**, end of the statement period
44	<StmtImg>		
45	<ContentType/>	**application/pdf**	IETF RFC 2046 code
46	<BinLength/>	Size of the binary data in bytes	
47	<BinData/>		Base 64 encoded PDF document
48	</StmtImg>		
49	</BankAcctStmtImgInqRec>		
50	</BankAcctStmtImgInqRs>		
51	</BankSvcRs>		
52	</IFX>		
53	</cnb:CNBEASI>		

Image CNS Statement File

Business Rules

Communication	Data Transmission
Protocol	FTP, SFTP
Availability	5am PT Monday thru Saturday
Data Transmission Naming Convention	EASI_CNSStmts.<SiteID>.<yyyymmddhhmi>.xml EASI_CNSStmts.<SiteID>.<yyyymmddhhmi>.xml.pgp If Elected to Retrieve in PDF format: EASI_DDAStmts.<SiteID>.<AccountNumber>.<yyyymmdd>.pdf *Date on file name is the Statement Date

Image DDA Statement File

Business Rules

Communication	Data Transmission
Protocol	FTP, SFTP
Availability	5am PT Monday thru Saturday
Data Transmission Naming Convention	EASI_DDAStmts.<SiteID>.<yyyymmddhhmi>.xml EASI_DDAStmts.<SiteID>.<yyyymmddhhmi>.xml.pgp If Elected to Retrieve in PDF format: EASI_DDAStmts.<SiteID>.<AccountNumber>.<yyyymmdd>.pdf *Date on file name is the Statement Date

Transaction Image

Business Rules

Communication	Web Service
Protocol	SOAP 1.1, SOAP 1.2
Service Availability	3am to 11pm PT Monday thru Saturday

Image Paid Check Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<BankSvcRq>		
14	<RqUID/>	Service Req. UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<BankAcctTrnImgInqRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<DepAcctId>		
29	<AcctId/>	[account number]	max 9 numeric
30	<AcctType/>	**DDA**	
31	<BankInfo>		
32	<BankIdType/>	**ABA**	
33	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
34	</BankInfo>		
35	</DepAcctId>		
36	<SelRangeCurAmt>		Ranges are not supported. LowCurAmt must equal HighCurAmt. The image with the matching amount will be returned
37	<LowCurAmt>		
38	<Amt/>		
39	</LowCurAmt>		
40	<HighCurAmt>		
41	<Amt/>		
42	</HighCurAmt>		
43	</SelRangeCurAmt>		
44	<SelRangeChkNum>		Ranges are not supported. LowChkNum must equal HighChkNum. The image with the matching number will be returned
45	<LowChkNum/>		
46	<HighChkNum/>		
47	</SelRangeChkNum>		
48	<SelRangeDt>		Date ranges are not supported. StartDt must equal EndDt. The image with the matching posted date will be returned.

Line	XML format	Comments	Edit Info
49	<StartDt/>		**yyyy-mm-dd**
50	<EndDt/>		**yyyy-mm-dd**
51	</SelRangeDt>		
52	<TrnType/>	**Check**	
53	</BankAcctTrnImgInqRq>		
54	</BankSvcRq>		
55	</IFX>		
56	</cnb:CNBEASI>		

Image Paid Check Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<BankSvcRs>	Repeating (for FTP)	
4	<RqUID/>	echo of original transaction	
5	<BankAcctTrnImgInqRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error, Warn,** or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	
12	<Severity/>	**Error, Warn,** or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
28	</CustId>	echo of original transaction	
29	<DepAcctId>	echo of original transaction	
30	<AcctId/>	echo of original transaction	
31	<AcctType/>	echo of original transaction	
32	<BankInfo>	echo of original transaction	
33	<BankIdType/>	echo of original transaction	
34	<BankId/>	echo of original transaction	
35	</BankInfo>	echo of original transaction	
36	</DepAcctId>	echo of original transaction	
37	<SelRangeCurAmt>	echo of original transaction	
38	<LowCurAmt>	echo of original transaction	
39	<Amt/>		
40	</LowCurAmt>		
41	<HighCurAmt>	echo of original transaction	
42	<Amt/>		
43	</HighCurAmt>		
44	</SelRangeCurAmt>	echo of original transaction	
45	<SelRangeChkNum>	echo of original transaction	
46	<LowChkNum/>	echo of original transaction	
47	<HighChkNum/>	echo of original transaction	
48	</SelRangeChkNum>	echo of original transaction	
49	<SelRangeDt>	echo of original transaction	
50	<StartDt/>	echo of original transaction	
51	<EndDt/>	echo of original transaction	
52	</SelRangeDt>	echo of original transaction	
53	<TrnType/>	echo of original transaction	
54	<BankAcctTrnImgRec>	Repeating (for FTP)	
55	<TrnType/>	**Check**	
	<IncAllItems/>	**True**	
56	<CurAmt>		Check amount
57	<Amt/>		
58	</CurAmt>		
59	<ChkNum/>		Check number
60	<PrcDt/>		**yyyy-mm-dd**, posting date
61	<ChkImg>		
62	<CryptType/>	**None**	
63	<ChkImgFront>		
64	<ContentType/>	**Image/tiff**	IETF RFC 2046 code

Line	XML format	Comments	Edit Info
65	<BinLength/>	Size of the binary data in bytes	
66	<BinData/>	Check image	Base 64 encoded TIFF (CCITT Group 4) image
67	</ChkImgFront>		
68	<ChkImgBack>		
69	<ContentType/>	**Image/tiff**	IETF RFC 2046 code
70	<BinLength/>	Size of the binary data in bytes	
71	<BinData/>	Check image	Base 64 encoded TIFF (CCITT Group 4) image
72	</ChkImgBack>		
73	</ChkImg>		
74	</BankAcctTrnImgRec>		
75	</BankAcctTrnImgInqRs>		
76	</BankSvcRs>		
77	</IFX>		
78	</cnb:CNBEASI>		

Image Paid Check File

Business Rules

Communication	Data Transmission
Protocol	FTP, SFTP
Availability	4am PT Tuesday thru Saturday
Data Transmission Naming Convention	EASI_PaidChecks.<SiteID>.<yyyymmddhhmi>.xml EASI_PaidChecks.<SiteID>.<yyyymmddhhmi>.xml.pgp

Image Deposit Item File

Business Rules

Communication	Data Transmission
Protocol	FTP, SFTP
Availability	4am PT Tuesday thru Saturday
Data Transmission Naming	EASI_DepositItems.<SiteID>.<yyyymmddhhmi>.xml EASI_DepositItems.<SiteID>.<yyyymmddhhmi>.xml.pgp If SplitFiles is enabled (split by Company) EASI_DepositItems.<SiteID>.<CompanyName>.<yyyymmddhhmi>.xml EASI_DepositItems.<SiteID>.<CompanyName>.<yyyymmddhhmi>.xml.pgp

Image Deposit Item

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<BankSvcRs>	Repeating (for FTP)	
4	<RqUID/>		32 bytes + edit dashes
5	<BankAcctTrnImgInqRs>		
6	<Status>		
7	<StatusCode/>	**0**	
8	<Severity/>	**Info**	
9	<StatusDesc/>		
10	</Status>		
11	<RqUID/>		32 bytes + edit dashes
12	<MsgRqHdr>		
13	<NetworkTrnInfo>		
14	<NetworkOwner/>		
15	<OriginatorName/>		
16	<Desc/>		
17	</NetworkTrnInfo>		
18	</MsgRqHdr>		
19	<CustId>		
20	<SPName/>		
21	<CustLoginId/>	[TPAS ID]	This will be the TPAS ID of the Account when file is received from batch pushout.
22	<cnb:CompanyName/>	[Company Name]	Present when multiple files created for the same Site (SplitFiles is enabled)
23	</CustId>		
24	<DepAcctId>		
25	<AcctId/>		
26	<AcctType/>	**DDA**	
27	<BankInfo>		
28	<BankIdType/>	**ABA**	
29	<BankId/>		
30	</BankInfo>		
31	</ DepAcctId >		
32	<SelRangeDt>		
33	<StartDt/>		**yyyy-mm-dd**
34	<EndDt/>		**yyyy-mm-dd**
35	</SelRangeDt>		
36	<TrnType/>	**Deposit**	
37	<IncAllItems/>	**True**	
38	<BankAcctTrnImgRec>	Repeating (for FTP)	
39	<TrnType/>	**Deposit, DepositItems**	
40	<CurAmt>		Amount
41	<Amt/>		
42	</CurAmt>		
43	<ChkNum/>		For TrnType **Deposit**, this will be the Serial Number on the Deposit Ticket. For **DepositItems**, this will be the Check Number
44	<RefInfo>		Optional

Line	XML format	Comments	Edit Info
45	<RefType/>	**Control Number**	
46	<RefId/>	[Bank Reference No]	For **DepositItems**, this will always be Bank Reference No from the original Deposit
47	</RefInfo>		
48	<ChkDetail>		
49	<BankId/>	[Routing Numer]	Bank Identifier
50	<AcctId>	[Account Number]	Payer Account Number
51	</ChkDetail>		
52	<PrcDt/>		**yyyy-mm-dd**, posting date
53	<ChkImg>		
54	<CryptType/>	**None**	
55	<ChkImgFront>		
56	<ContentType/>	**Image/tiff**	IETF RFC 2046 code
57	<BinLength/>	Size of the binary data in bytes	
58	<BinData/>	Check image	Base 64 encoded TIFF (CCITT Group 4) image
59	</ChkImgFront>		
60	<ChkImgBack>		
61	<ContentType/>	**Image/tiff**	IETF RFC 2046 code
62	<BinLength/>	Size of the binary data in bytes	
63	<BinData/>	Check image	Base 64 encoded TIFF (CCITT Group 4) image
64	</ChkImgBack>		
65	</ChkImg>		
66	</BankAcctTrnImgRec>		
67	</BankAcctTrnImgInqRs>		
68	</BankSvcRs>		
69	</IFX>		
70	</cnb:CNBEASI>		

Residual Remittance Image File

Business Rules

Communication	Data Transmission
Protocol	FTP, SFTP
Availability	7am PT Tuesday thru Saturday
Data Transmission Naming	EASI_Residuals.<SiteID>.<yyyymmddhhmi>.xml EASI_Residuals.<SiteID>.<yyyymmddhhmi>.xml.pgp If SplitFiles is enabled (split by Company) EASI_ Residuals.<SiteID>.<CompanyName>.<yyyymmddhhmi>.xml EASI_ Residuals.<SiteID>.<CompanyName>.<yyyymmddhhmi>.xml.pgp

Residual Remittance Image

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<BankSvcRs>		
4	<RqUID/>		32 bytes + edit dashes
5	<BankAcctTrnImgInqRs>	0	
6	<Status>	**Info**	
7	<StatusCode/>		
8	<Severity/>		
9	<StatusDesc/>		
10	</Status>		
11	<RqUID/>		32 bytes + edit dashes
12	<MsgRqHdr>		
13	<NetworkTrnInfo>		
14	<NetworkOwner/>		
15	<OriginatorName/>		
16	<Desc/>		
17	</NetworkTrnInfo>		
18	</MsgRqHdr>		
19	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
20	<SPName/>	[Site ID] uniquely identifies TPAS installation	
21	<CustLoginId/>	TPAS assigned ID	
22	</CustId>		
23	<DepAcctId>		
24	<AcctId/>	**DDA**	
25	<AcctType/>		
26	<BankInfo>		
27	<BankIdType/>	**ABA**	
28	<BankId/>		
29	</BankInfo>		
30	</DepAcctId>		
31	<SelRangeDt>		
32	<StartDt/>		**yyyy-mm-dd**
33	<EndDt/>		**yyyy-mm-dd**
34	</SelRangeDt>		
35	<BankAcctTrnImgRec>	Repeating (for FTP)	
36	<TrnType/>	**Residual**	
37	<CurAmt>		
38	<Amt/>		
39	</CurAmt>		
40	<cnb:PayerName>		Payer Name
41	<RefInfo>		
42	<RefType/>	**BankRef**	
43	<RefId/>	[PaymentID]	
44	</RefInfo>		
45	<PrcDt/>		**yyyy-mm-dd** , posting date
46	<TrnImg>		
47	<ContentType/>	**application/pdf**	IETF RFC 2046 code
48	<BinLength/>	Size of binary data in bytes	
49	<BinData/>		Base 64 encoded PDF Document

Line	XML format	Comments	Edit Info
50	</TrnImg>		
51	</BankAcctTrnImgRec>		
52	</BankAcctTrnImgInqRs>		
53	</BankSvcRs>		
54	</IFX>		

Positive Pay Service

Business Rules

Communication	Web Services & Data Transmission
Protocol	SOAP 1.1, SOAP 1.2, FTP, SFTP
Service Availability	3am to 11pm PT Monday thru Saturday
Service Cutoff	11:00 pm PT Monday thru Saturday
Data Transmission Naming Convention	EASI_Tran.<siteID>.<yyyymmddnnnn>.xml

Positive Pay Issue Add Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<BankSvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<ChkIssueAddRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<ChkIssueInfo>		
29	<DepAcctId>		
30	<AcctId/>	[account number]	Required, max 9 characters numeric
31	<AcctType/>	**DDA**	
32	<BankInfo>		
33	<BankIdType/>	**ABA**	
34	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
35	</BankInfo>		
36	</DepAcctId>		
37	<ChkInfo>		
38	<ChkNum/>	Serial Number	Required, max 10 characters numeric
39	<cnb:Name>	Payee Name	Optional, max 80 characters
40	<cnb:ChkAction>	**Issue or Void**	Required
41	<Memo>		Optional, max 80 characters
42	</ChkInfo>		
43	<CurAmt>		
44	<Amt>	Check Amount	Required, maximum value 1,000,000.00
45	</CurAmt>		
46	<PaidDt>	Issue Date	Required, yyyy-mm-dd
47	</ChkIssueInfo>		
48	</ChkIssueAddRq>		
49	</BankSvcRq>		
50	</IFX>		
51	</cnb:CNBEASI>		

Numbers in brackets [64] indicates the maximum length allowed by IFX standard; EASI will accept up to this length and truncate to the size specified (e.g. 35)

Positive Pay Issue Add Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<BankSvcRs>		
4	<RqUID/>	echo of original transaction	
5	<ChkIssueAddRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error, Warn,** or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	Typically 202
12	<Severity/>	**Error, Warn,** or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<ChkIssueInfo>		
29	<DepAcctId>		
30	<AcctId/>	echo of original transaction	
31	<AcctType/>	echo of original transaction	
32	<BankInfo>		
33	<BankIdType/>	echo of original transaction	
34	<BankId/>	echo of original transaction	
35	</BankInfo>		
36	</DepAcctId>		
37	<ChkInfo>		
38	<ChkNum/>	echo of original transaction	
39	<cnb:Name>	echo of original transaction	
40	<cnb:ChkAction>	echo of original transaction	
41	<Memo>	echo of original transaction	
42	</ChkInfo>		
43	<CurAmt>		
44	<Amt>	echo of original transaction	
45	</CurAmt>		
46	<PaidDt>	echo of original transaction	
47	</ChkIssueInfo>		
48	<ChkIssueRec>		
49	<ChkIssueId>		
50	<ChkIssueInfo>		
51	<DepAcctId>		
52	<AcctId/>	echo of original transaction	
53	<AcctType/>	echo of original transaction	
54	<BankInfo>		
55	<BankIdType/>	echo of original transaction	
56	<BankId/>	echo of original transaction	
57	</BankInfo>		
58	</DepAcctId>		
59	<ChkInfo>		
60	<ChkNum/>	echo of original transaction	
61	<cnb:Name>	echo of original transaction	
62	<cnb:ChkAction>	echo of original transaction	
63	<Memo>	echo of original transaction	
64	</ChkInfo>		

Line	XML format	Comments	Edit Info
65	<CurAmt>		
66	<Amt>	echo of original transaction	
67	</CurAmt>		
68	<PaidDt>	echo of original transaction	
69	</ChkIssueInfo>		
70	<ChkIssueStatus>		
71	<ChkIssueStatusCode/>	**Pending**	This status code is not used. Please use StatusCode for status of transaction.
72	<EffDt/>	The date the <ChkIssueStatusCode/> took effect	**yyyy-mm-ddThh:mm:ss-hh:mm**
73	</ChkIssueStatus>		
74	</ChkIssueRec>		
75	</ChkIssueAddRs>		
76	</BankSvcRs>		
77	</IFX>		
78	</cnb:CNBEASI>		

Business Rules

Communication	Web Services
Protocol	SOAP 1.1, SOAP 1.2
Service Availability	9am to 1pm PT Monday thru Friday
Service Cutoff	1pm PT

Positive Pay Exceptions Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<BankSvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<ChkIssueInqRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<DepAcctId>		
29	<AcctId/>	[account number]	Required, max 9 characters numeric
30	<AcctType/>	**DDA**	
31	<BankInfo>		
32	<BankIdType/>	**ABA**	
33	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
34	</BankInfo>		
35	</DepAcctId>		
36	</ChkIssueInqRq>		
37	</BankSvcRq>		
38	</IFX>		
39	</cnb:CNBEASI>		

TPAS may request Positive Pay Exceptions. Note the request does not allow for a date range, all exceptions for the current day are returned.

Positive Pay Exceptions Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<BankSvcRs>		
4	<RqUID/>	echo of original transaction	
5	<ChkIssueInqRs>		
6	<Status>		
7	<StatusCode/>	(see Status Code table)	
8	<Severity/>	**Error, Warn,** or **Info**	
9	<StatusDesc/>		
10	<AdditionalStatus>		Optional
11	<StatusCode/>	(see Status Code table)	Typically 202
12	<Severity/>	**Error, Warn,** or **Info**	
13	<StatusDesc/>		
14	</AdditionalStatus>		
15	</Status>		
16	<RqUID/>	echo of original transaction	
17	<MsgRqHdr>	echo of original transaction	
18	<NetworkTrnInfo>	echo of original transaction	
19	<NetworkOwner/>	echo of original transaction	
20	<OriginatorName/>	echo of original transaction	
21	<Desc/>	echo of original transaction	
22	</NetworkTrnInfo>	echo of original transaction	
23	</MsgRqHdr>	echo of original transaction	
24	<CustId>	echo of original transaction	
25	<SPName/>	echo of original transaction	
26	<CustLoginId/>	echo of original transaction	
27	</CustId>	echo of original transaction	
28	<DepAcctId>		
29	<AcctId/>	echo of original transaction	
30	<AcctType/>	echo of original transaction	
31	<BankInfo>		
32	<BankIdType/>	echo of original transaction	
33	<BankId/>	echo of original transaction	
34	</BankInfo>		
35	</DepAcctId>	[account number]	Required, max 9 characters numeric
36	<ChkIssueRec>	Repeating, one per exception	
37	<cnb:ExceptionRqUID/>	Exception UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes [Used to correlate Positive Pay Decision to Exception]
38	<ChkIssueId>	[Issue Information]	
39	<ChkNum/>	Check number assigned by the payer [Serial Number]	
40	<OrigDt/>	The date on which the check is originated [Issue Date]	
41	<AcctId/>	[Account Number]	
42	</ChkIssueId>		
43	<ChkIssueInfo>		
44	<DepAcctId>		
45	<AcctId/>	Account Number	
46	<AcctType/>	**DDA**	
47	<BankInfo>		
48	<BankIdType/>	**ABA**	
49	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
50	</BankInfo>		
51	</DepAcctId>	[account number]	
52	<ChkInfo>		
53	<ChkNum/>	Serial Number	
54	<cnb:Name>	Payee Name	
55	</ChkInfo>		
56	<CurAmt>		
57	<Amt>	Check Amount [Issue Amount]	
58	</CurAmt>		
59	<PaidDt>	Paid Date	Required, yyyy-mm-dd
60	<ChkImg>	[FTP only]	
61	<CryptType/>	**None**	
62	<ChkImgFront>		
63	<ContentType/>	**Image/tiff**	IETF RFC 2046 code

Line	XML format	Comments	Edit Info
64	<BinLength/>	Size of the binary data in bytes	
65	<BinData/>	Check image	Base 64 encoded TIFF (CCITT Group 4) image
66	</ChkImgFront>		
67	<ChkImgBack>		
68	<ContentType/>	**Image/tiff**	IETF RFC 2046 code
69	<BinLength/>	Size of the binary data in bytes	
70	<BinData/>	Check image	Base 64 encoded TIFF (CCITT Group 4) image
71	</ChkImgBack>		
72	</ChkImg>		
73	</ChkIssueInfo>		
74	<ChkIssueStatus>		
75	<ChkIssueStatusCode/>	**Pending**	IFX has **Pending, Paid, Rejected, Pay, NoPay, Exception**
76	<StatusDesc/>	Exception Details	**Duplicate Pay** **Max Exception Limit Exceeded** **Max Amount Limit Exceeded** **Issue Missing Item Posted (PNI)** **Issue Missing Item Not Posted** **Voided Check** **Paid Amount Not Equal To Issue Amount** **Paid Payee Mismatch** **Stale Date** **Below Min Amount** **Outside Serial Range**
77	<EffDt/>	The date the <ChkIssueStatusCode/> took effect	**yyyy-mm-ddThh:mm:ss-hh:mm**
78	</ChkIssueStatus>		
79	</ChkIssueRec>		
80	</ChkIssueInqRs>		
81	</BankSvcRs>		
82	</IFX>		
83	</cnb:CNBEASI>		

Positive Pay Exception File

Business Rules

Communication	Data Transmission
Protocol	FTP, SFTP
Availability	9am PT Monday thru Friday
Data Transmission Naming Convention	EASI_PosPayExceptions.<SiteID>.<yyyymmddhhmi>.xml EASI_PosPayExceptions.<SiteID>.<yyyymmddhhmi>.xml.pgp

Business Rules

Communication	Web Services & Data Transmission
Protocol	SOAP 1.1, SOAP 1.2, FTP, SFTP
Service Availability	9am to 1pm PT Monday thru Friday
Service Cutoff	1pm PT
Data Transmission Naming Convention	EASI_Tran.<siteID>.<yyyymmddnnnn>.xml

Positive Pay Decisions Add Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<BankSvcRq>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<ChkIssueStatusModRq>		
16	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
17	<MsgRqHdr>		
18	<NetworkTrnInfo>		
19	<NetworkOwner/>	**Other**	
20	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
21	<Desc/>	[Comma delimited string of user IDs]	80 characters max
22	</NetworkTrnInfo>		
23	</MsgRqHdr>		
24	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
25	<SPName/>	[Site ID] uniquely identifies TPAS installation	
26	<CustLoginId/>	TPAS assigned ID	
27	</CustId>		
28	<cnb:ExceptionRqUID/>	Exception UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes [Received on the Exception Response Message]
29	<ChkIssueId>		
30	<ChkNum/>	Check number assigned by the payer	Optional, 40 characters max
31	<OrigDt/>	The date on which the check is originated	Required
32	<AcctId/>	[Account Number]	Required, max 9 characters numeric
33	</ChkIssueId>		
34	<ChkIssueStatus>		
35	<ChkIssueStatusCode/>	**Pay or NoPay**	IFX has **Pending, Paid, Rejected, Pay, NoPay**
36	<cnb:StatusModReason/>		**Altered, Forged, Fraudulent, Refer to Maker**
37	<EffDt/>	The date the <ChkIssueStatusCode/> took effect	**yyyy-mm-ddThh:mm:ss-hh:mm**
38	</ChkIssueStatus>		
39	</ChkIssueStatusModRq>		
40	</BankSvcRq>		
41	</IFX>		
42	</cnb:CNBEASI>		

Positive Pay Decisions Add Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<BankSvcRs>		
14	<RqUID/>	Service Req. UID*; example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes
15	<ChkIssueStatusModRs>		
16	<Status>		
17	<StatusCode/>	(see Status Code table)	
18	<Severity/>	**Error, Warn,** or **Info**	
19	<StatusDesc/>		
20	<AdditionalStatus>		Optional
21	<StatusCode/>	(see Status Code table)	Typically 202
22	<Severity/>	**Error, Warn,** or **Info**	
23	<StatusDesc/>		
24	</AdditionalStatus>		
25	</Status>		
26	<RqUID/>	echo of original transaction	
27	<MsgRqHdr>	echo of original transaction	
28	<NetworkTrnInfo>	echo of original transaction	
29	<NetworkOwner/>	echo of original transaction	
30	<OriginatorName/>	echo of original transaction	
31	<Desc/>	echo of original transaction	
32	</NetworkTrnInfo>	echo of original transaction	
33	</MsgRqHdr>	echo of original transaction	
34	<CustId>	echo of original transaction	
35	<SPName/>	echo of original transaction	
36	<CustLoginId/>	echo of original transaction	
37	</CustId>	echo of original transaction	
38	<ChkIssueRec>		
39	<cnb:ExceptionRqUID/>	echo of original transaction	
40	<ChkIssueId>		
41	<ChkNum/>	echo of original transaction	
42	<OrigDt/>	echo of original transaction	
43	<AcctId/>	echo of original transaction	
44	</ChkIssueId>		
45	<ChkIssueStatus>		
46	<ChkIssueStatusCode/>	echo of original transaction	
47	<cnb:StatusModReason/>	echo of original transaction	
48	<EffDt/>	echo of original transaction	
49	</ChkIssueStatus>		
50	</ChkIssueRec>		
51	</ChkIssueStatusModRs>		
52	</BankSvcRs>		
53	</IFX>		
54	</cnb:CNBEASI>		

Miscellaneous Services

Exchange Rate Inquiry

Business Rules

Communication	Web Services
Protocol	SOAP 1.1, SOAP 1.2
Service Availability	4am to 11:59pm PT Monday thru Friday
Service Cutoff	11:59 pm PT Monday thru Friday – Non Consumer Int'l FX 1:55 pm PT Monday thru Friday – Consumer Int'l FX
Transaction	Major Currencies - Inquiry for Exchange Rates on amounts over 250K (USD) will not be provided. Minor Currencies - Inquiry for Exchange Rates on amounts over 50K (USD) will not be provided.

Exchange Rate Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>	Document UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes+edit dashes
3	<IFX>		
4	<SignonRq>		
5	<ClientDt/>	*Client date and time. Example: 2006-10-20T11:00:00-08:00*	**yyyy-mm-ddThh:mm:ss-hh:mm**
6	<CustLangPref/>	**US**	
7	<ClientApp>		
8	<Org/>	[TPAS manufacturer], *e.g. Intuit*	
9	<Name/>	[TPAS software name], *e.g. QuickBooks*	
10	<Version/>	[TPAS software version], *e.g. 2007*	12 characters max
11	</ClientApp>		
12	</SignonRq>		
13	<cnb:ExchangeRateRq>		
14	<RqUID/>	Transaction UID; *example: FC48CC30-4F3E-4fa1-803B-AD0E196A83B1*	32 bytes + edit dashes Use this RQUID value of this Exchange Rate request when using the returned Currency Rate for the subsequent International Wire in the RefId field(International Wire Request line 74)
15	<MsgRqHdr>		
16	<NetworkTrnInfo>		
17	<NetworkOwner/>	**Other**	
18	<OriginatorName/>	for TPAS notes	Optional, 40 characters max
19	<Desc/>	[Comma delimited string of user IDs]	80 characters max
20	</NetworkTrnInfo>		
21	</MsgRqHdr>		
22	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
23	<SPName/>	[Site ID] uniquely identifies TPAS installation	
24	<CustLoginId/>	TPAS assigned ID	
25	</CustId>		
26	<DepAcctId>		
27	<AcctId/>	[account number]	Required, max 9 characters numeric
28	<AcctType/>	**DDA**	
29	<BankInfo>		
30	<BankIdType/>	**ABA**	
31	<BankId/>	**122016066 or 026013958 or 064009445 (standard CNB or NY or Nashville)**	
32	</BankInfo>		
33	</DepAcctId>		
34	<CurCode />	Foreign Currency Code	Required
35	<Amt />		Required

Line	XML format	Comments	Edit Info
36	<CurConvertRule />	**Direct or Indirect**	Optional – Defualts to Direct **Direct** – The amount provided while be treated as USD amount when calculating Rate Tiering **Indirect**- The amount will be treated as the destination foreign currency when calculating Rate Tiering
37	</cnb:ExchangeRateRq>		
38	</IFX>		
39	</cnb:CNBEASI>		

Exchange Rate Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<cnb:ExchangeRateRs>		
4	<Status>		
5	<StatusCode/>	(see Status Code table)	
6	<Severity/>	**Error**, **Warn**, or **Info**	
7	<StatusDesc/>		
8	<AdditionalStatus>		Optional
9	<StatusCode/>	(see Status Code table)	Typically 202
10	<Severity/>	**Error**, **Warn**, or **Info**	
11	<StatusDesc/>		
12	</AdditionalStatus>		
13	</Status>		
14	<RqUID/>	echo of original transaction	
15	<MsgRqHdr>	echo of original transaction	
16	<NetworkTrnInfo>	echo of original transaction	
17	<NetworkOwner/>	echo of original transaction	
18	<OriginatorName/>	echo of original transaction	
19	<Desc/>	echo of original transaction	
20	</NetworkTrnInfo>	echo of original transaction	
21	</MsgRqHdr>	echo of original transaction	
22	<CustId>	echo of original transaction	
23	<SPName/>	echo of original transaction	
24	<CustLoginId/>	echo of original transaction	
25	</CustId>	echo of original transaction	
26	<DepAcctId>	echo of original transaction	
27	<AcctId/>	echo of original transaction	
28	<AcctType/>	echo of original transaction	
29	<BankInfo>	echo of original transaction	
30	<BankIdType/>	echo of original transaction	
31	<BankId/>	echo of original transaction	
32	</BankInfo>	echo of original transaction	
33	</DepAcctId>	echo of original transaction	
34	<CurCode />	echo of original transaction	
35	<Amt />	echo of original transaction	
36	<CurConvertRule />	echo of original transaction	
37	<cnb:ExchangeRateRec>		
38	<cnb:ExchangeRate>		
39	<CurCode />		
40	<CurRate />		
41	<ForExValDt />	Value Date Time of the exchange rate	**yyyy-mm-ddThh:mm:ss-hh:mm**
42	</cnb:ExchangeRate>		
43	</cnb:ExchangeRateRec>		
44	</cnb:ExchangeRateRs>		
45	</IFX>		
46	</cnb:CNBEASI>		

Business Rules

Communication	Data Transmission
Protocol	FTP, SFTP
Availability	4am PT Monday thru Friday
Data Transmission Naming Convention	EASI_ExchangeRates.<SiteID>.<yyyymmddhhmi>.xml EASI_ExchangeRates.<SiteID>.<yyyymmddhhmi>.xml.pgp

Exchange Rate File

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<IFX>		
3	<cnb:ExchangeRateRs>		
4	<Status>		
5	<StatusCode/>	0	
6	<Severity/>	**Info**	
7	<StatusDesc/>		
8	</Status>		
9	<RqUID/>		
10	<MsgRqHdr>		
11	<NetworkTrnInfo>		
12	<NetworkOwner/>		
13	<OriginatorName/>		
14	<Desc/>		
15	</NetworkTrnInfo>		
16	</MsgRqHdr>		
17	<CustId>		
18	<SPName/>		
19	</CustId>		
20	<cnb:ExchangeRateRec>	Repeating	
21	<cnb:ParentCustId/>	Company/BMF CIS Number	
22	<cnb:ParentCustName/>	Company/BMF Name	
23	<cnb:ExchangeRate>	Repeating	
24	<CurCode />		
25	<CurRate />		
26	<cnb:TierRateRange>		
27	<cnb:MinPurchaseAmt>		
28	<cnb:MaxPurchaseAmt>		
29	</cnb:TierRateRange>		
30	<ForExValDt />	Value Date Time of the exchange rate	**yyyy-mm-ddThh:mm:ss-hh:mm**
31	</cnb:ExchangeRate>		
32	</cnb:ExchangeRateRec>		
33	</cnb:ExchangeRateRs>		
34	</IFX>		
35	</cnb:CNBEASI>		

Transaction Status

When a document is submitted using HTTPS or SFTP, it will be validated for XML format, and submitter credentials. If these tests are successful, a 'document received' acknowledgement status will be returned. If not, the document will be rejected.

ACK/Reject Response

Business Rules

Communication	Web Services and Data Transmission
Protocol	SOAP 1.1, SOAP 1.2, FTP, SFTP
Data Transmission Naming Convention	Same name as the request document

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:BatchId/>		
3	<IFX>		
4	<Status>		
5	<StatusCode/>	(see Status Code table)	
6	<Severity/>	**Error**, **Warn**, or **Info**	
7	<StatusDesc/>		
8	<AdditionalStatus>		Not used for an ACK response
9	<StatusCode/>	(see Status Code table)	Not used for an ACK response
10	<Severity/>	**Error**, **Warn**, or **Info**	Not used for an ACK response
11	<StatusDesc/>		Not used for an ACK response
12	</AdditionalStatus>		Not used for an ACK response
13	</Status>		
14	</IFX>		
15	</cnb:CNBEASI>		

For interactive transactions (i.e. single transaction documents submitted via https), the transactions will continue processing while in session, until the transaction completes or an interrupt occurs (e.g. release required, queued for processing, etc.). For these transactions the most current transaction status will be handed off to the requestor in lieu of the above simple ACK. Refer to the response formats above associated with individual services (Stop Pay, Book Transfer, Wire Transfer and ACH Response etc.).

FTP'd documents will get an ACK (or a rejected document) back in a file bearing the same name as the original request document.

Status Services

Status

TPAS may request a status by either a transaction UID or by a date/time range. When the date range is requested, the status of all transactions received and logged in the EASI Transaction database between the 2 periods will be returned, and only the latest transaction status will be returned per UID.

Example:

- Trans UID 1, logged as received at 10:00:01; sent for release approval at 10:03:43; approved at 10:43:02; sent to MTS and ACKed at 10:55:01
- Trans UID2, logged as received at 10:50:00; sent for release approval at 10:51:00
- Trans UID3, logged as received at 11:00:01; posted at 11:00:45

When a Status request is received for between 10:00:01 and 11:00:00, the status response will contain:

- UID 1, status: sent for posting (to MTS)
- UID 2, status: pending approval

Business Rules

Communication	Web Service
Protocol	SOAP 1.1, SOAP 1.2
Service Availability	3am to 11pm PT Monday thru Saturday

Status Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:InquiryRq>	Repeating	
3	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
4	<SPName/>	**Site ID – uniquely identifies TPAS installation**	
5	<CustLoginId/>	[TPAS_Client_ID] TPAS assigned	
6	</CustId>		
7	<RqUID/>	Transaction UID whose status is being inquired	Request should contain either RqUID element or SelRangeDt aggregate
8	<SelRangeDt>	Return all transaction status received on EASI between the Start-End dates below	
9	<StartDt/>		**yyyy-mm-ddThh:mm:ss-hh:mm**
10	<EndDt/>	If omitted it means "now". If the end date is >start date + 24 hours, EASI will return transactions between start date and start date +24 hours. No error will be returned.	optional; **yyyy-mm-ddThh:mm:ss-hh:mm**
11	</SelRangeDt>		
12	</cnb:InquiryRq>		
13	</cnb:CNBEASI>		

Status Response

The following describes the expected responses under various conditions:

Single status inquiry for an unknown UID

- *EASI returns the envelope only*

Stack of status where one, many, or all are unknown UID

- *Unknown UID will be omitted from results*
- *If all UID's are unknown, only the envelope will be returned*

Date range inquiry error return

- *No validation will be performed on status inquiry*
- *If the end date is >start date + 24 hours, EASI will return transactions between start date and start date +24 hours. No error will be returned*

Date range inquiry where there is nothing to report

- *An envelope will be returned*

What to report in a date range status inquiry?

- *All transactions received within the date range, unless the date range is greater than 24 hours in which case EASI will return transactions between start date and (start date + 24 hours).*

Inquiry

- The response returns the echo of the original request along with status information.
- Inquiry on Information Reporting services will result in an empty envelop.

Status File

Business Rules

Communication	Data Transmission
Protocol	FTP, SFTP
Availability	3am to 11pm PT Monday thru Saturday
Data Transmission Naming Convention	EASI_Status.<SiteID>.<yyyymmddhhmi>.xml EASI_Status.<SiteID>.<yyyymmddhhmi>.xml.pgp

- Only transactions in **final** status will be included.
- The schema of each transaction in the file is the same as the corresponding response schema of the service.

Change Status

In addition to the status request by transaction UID or by a date/time range, TPAS may request a changed status by a date/time range. Only transactions that have had a status change between the 2 periods identified in the request will be responded back to the TPAS, and only the latest transaction status will be returned per UID.

Example:

- Trans UID1, sent for release approval at 10:03:43; approved at 10:43:02; sent to MTS and ACKed at 10:55:01
- Trans UID2, logged as received at 9:58:00; sent for release approval at 10:51:00; approved at 11:05:05
- Trans UID3, logged as received at 11:00:01; posted at 11:00:45
- Trans UID4, logged as received at 9:58:00; sent for release approval at 9:59:00; approved at 11:05:05

When a Status request is received for between 10:00:01 and 11:00:00, the status response will contain:

- UID1, status: sent for posting (to MTS)
- UID2, status: approved

Business Rules

Communication	Web Service
Protocol	SOAP 1.1, SOAP 1.2
Service Availability	3am to 11pm PT Monday thru Saturday

Change Status Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:Inquiry**Chng**Rq>	Repeating	
3	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
4	<SPName/>	**Site ID – uniquely identifies TPAS installation**	
5	<CustLoginId/>	[TPAS_Client_ID] TPAS assigned	
6	</CustId>		
7	<SelRangeDt>	Return the latest status of UIDs between the Start-End dates below, if there was a status update logged during the period	
8	<StartDt/>		**yyyy-mm-ddThh:mm:ss-hh:mm**
9	<EndDt/>	If omitted it means "now". If the end date is >start date + 24 hours, EASI will return transactions between start date and start date +24 hours. No error will be returned.	optional; **yyyy-mm-ddThh:mm:ss-hh:mm**
10	</SelRangeDt>		
11	</cnb:Inquiry**Chng**Rq>		
12	</cnb:CNBEASI>		

Change Status Response

The following describes the expected responses under various conditions:

Where there is nothing to report

- *An envelope will be returned*

What to report?

- *All transactions with a status change within the date/time range specified (one per UID).*

Inquiry for Incoming Wire Inquiry

- The response returns the echo of the original request along with status information. The wire data is not returned.

Sample File


```xml
<?xml version="1.0" ?>
<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">
  <cnb:InquiryChngRq>
    <CustId>
      <SPName>Site123</SPName>
      <CustLoginId>A</CustLoginId>
    </CustId>
    <SelRangeDt>
      <StartDt>2007-06-25T06:00:00-07:00</StartDt>
      <EndDt>2007-06-25T20:00:00-07:00</EndDt>
    </SelRangeDt>
  </cnb:InquiryChngRq>
  <cnb:InquiryChngRq>
    <CustId>
      <SPName>Site123</SPName>
      <CustLoginId>B</CustLoginId>
    </CustId>
    <SelRangeDt>
      <StartDt>2007-06-25T06:00:00-07:00</StartDt>
      <EndDt>2007-06-25T20:00:00-07:00</EndDt>
    </SelRangeDt>
  </cnb:InquiryChngRq>
</cnb:CNBEASI>
```

Status History Chain

In addition to the status request by transaction UID or by a date/time range, TPAS may request a status history chain by transaction UID or by a date/time range.
When the date/time option is used, all transactions received during the 2 periods specified in the request will be sent back to the TPAS (by Req UID) with the chain of status by date/time.

Example (all transactions received on 1/22/08):

- Trans UID1, received at 10:02:05; sent for release approval at 10:03:43; approved at 10:43:02; sent to MTS and ACKed at 10:55:01; Fed confirmation received at 7:00:00 on 1/23
- Trans UID2, logged as received at 9:58:00; sent for release approval at 10:51:00; approved at 11:05:05
- Trans UID3, logged as received at 11:00:01; posted at 11:00:45

When a Status request is received for between 10:00:01 and 11:00:00, the status response will contain:

- UID1, status:
  - (5) Transaction received at 1/22/08 10:02:05
  - (40) Awaiting authorized release at 1/22/08 10:03:43
  - (30) Transaction ready for posting at 1/22/08 10:43:02
  - (31) Transaction scheduled for posting 1/22/08 10:43:43
  - (0) Processed successfully at 1/23/08 7:00:00

Business Rules

Communication	Web Service
Protocol	SOAP 1.1, SOAP 1.2
Service Availability	3am to 11pm PT Monday thru Saturday

Status History Request

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:InquiryStatusHistoryRq >	Repeating	
3	<CustId>		Identifies a customer who's making the request. Site ID plus TPAS Client ID.
4	<SPName/>	**Site ID – uniquely identifies TPAS installation**	
5	<CustLoginId/>	[TPAS_Client_ID] TPAS assigned	
6	</CustId>		
7	<RqUID/>	Transaction UID whose status is being inquired	Request should contain either RqUID element or SelRangeDt aggregate
8	<SelRangeDt>	Return all transaction status received on EASI between the Start-End dates below	
9	<StartDt/>		**yyyy-mm-ddThh:mm:ss-hh:mm**
10	<EndDt/>	If omitted it means "now". If the end date is >start date + 24 hours, EASI will return transactions between start date and start date +24 hours. No error will be returned.	optional; **yyyy-mm-ddThh:mm:ss-hh:mm**
11	</SelRangeDt>		
12 13	</cnb:InquiryStatusHistoryRq > </cnb:CNBEASI>		

Status History Response

Line	XML format	Comments	Edit Info
1	<cnb:CNBEASI xmlns:cnb="urn:cnb-com-EASI:XSD:1" xmlns="urn:ifxforum-org:XSD:1">		
2	<cnb:InquiryStatusHistoryRs >		Repeating
3	<cnb:InquiryStatusHistory>		
4	<CustId>		
5	<SPName/>		
6	<CustLoginId/>		
7	</CustId>		
8	<RqUID/>	Transaction UID whose status is being reported	
9	<cnb:Statuses>		Repeating
10	<cnb:Status>		
11	<StatusCode/>		
12	<Severity/>		
13	<StatusDesc/>		
14	<AdditionalStatus>		Optional, used with 200
15	<StatusCode/>		Typically 202
16	<Severity/>		
17	<StatusDesc/>		
18	</AdditionalStatus>		
19	< /cnb:Status>		
20	<EffDt/>		yyyy-mm-ddThh:mm:ss
21	</cnb:Statuses>		
22	</cnb:InquiryStatusHistory>		
23	</cnb:InquiryStatusHistoryRs >		
24	</cnb:CNBEASI>		