



Nasdaq Calypso

ACH Integration Guide

Version 3.7.0

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Approved

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Document History

Revision	Published	Summary of Changes
1.0	Dec 2016	Initial Version.
2.0	May 2017	Configuration & Extension changes.
3.0	July 2017	Added DFI Account Number & Identification detail under Section 4.4 SDI Configuration.
4.0	Sept 2017	Added sec. 2.2.3.1 Client perspective payments.
5.0	June 2018	Added Release Notes section.
6.0	September 2018	Updates for version 1.5.0.
7.0	January 2019	Updates for version 1.5.1.
8.0	August 2019	Updates for version 1.6.0.
9.0	December 2019	Updates for version 1.6.1.
10.0	April 2020	Updates for version 1.7.0.
11.0	November 2020	Updates for version 1.7.1, 1.8.0.
12.0	January 2021	Updates for version 1.8.1.
13.0	December 2021	Updates for version 1.9.0.
14.0	January 2022	Updated for version 2.0.0, 2.0.1 - Technical release only – Version 17 compatibility
15.0	August 2022	Updated for version 2.1.0, 1.10.0, 1.9.1, 1.9.2
16.0	September 2022	Updated for version 1.11.0, 2.2.0
17.0	December 2022	Updated for version 2.3.0

Revision	Published	Summary of Changes
18.0	November 2023	Updated for version 1.8.2
19.0	December 2023	Updated for version 2.4.0
20.0	January 2024	Updated for version 3.3.0 - Technical release only – Version 18 compatibility
21.0	February 2024	Updated for version 3.4.0, 2.5.0 (technical release only)
22.0	May 2024	Updated for version 2.6.0, 3.5.0
23.0	July 2024	Updated for version 2.6.1, 2.7.0, 3.6.0
24.0	August 2024	Updated for version 2.6.2, 2.6.3
25.0	October 2024	Updated for version 2.8.0, 3.7.0

This document describes the Calypso ACH Interface setup.

The purpose of the ACH Interface is to capture all manually entered US Dollars payments and US Dollars receipts and auto charge invoice charges designated for collection via ACH.

This interface creates payment reports as per NACHA format specification.


 **IMPORTANT NOTE:** For Cloud deployments please contact your application management team as the deployment procedure for Cap Cloud is different.

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Installation

1.1 Software Requirements

The following libraries are required as dependency for the ACH module, you need to download the required dependency libraries files from the download website:

- Calypso-datauploader
- Calypso-cal-upload

1.2 Installation Instructions

1.2.1 Setup config data using Execute SQL

Upgrading the DB and associated Domain Values.

Add the following schema files present in /bin/dbscripts folder to the Execute SQL to Synchronize the DB.

"SchemaBase.xml"

"GatewaySchemaBase.xml"

"ACHSchemaData.xml"

1.2.2 Task Station Configuration

Users can view EX_EXCEPTION exceptions in the Task Station for exceptions related to the ACH scheduled task.

Users can view task output messages using EX_INFORMATION.

1.2.3 Property Files

You can set the properties described below using the property file **ACHInterface.properties**.

Rename the *.properties.sample files in resources folder to *.properties.

Once modified, copy the property file to "<calypso home>/tools/calypso-templates/resources".

You will then need to deploy the files to your applications servers.

► Please refer to the Calypso Installation Guide for details.

Client Perspective Payments

ACH Interface supports reporting transfers from client's perspective.

Set property **isPaymentDebit=false** to enable this feature.

Once enabled the transfers of type PAYMENT/RECEIPT will be reported as CREDIT/DEBIT entries respectively.

Block Record

Generating report as block record is configurable from ACHInterface.properties.

Property BlockSize is used to define the block size of the batch records.

Filler records are predefined as '9' character string of size 96.

If BlockSize=0 then no filler records are added.

For example, If BlockSize=10 and there are 6 records in the report than 4 filler records will be added in the report output.

Batch Records

You can set property **SetIndividualPaymentAsBatch=true** to generate one batch record "8" for each "6" record for both "Not On Us" and "On Us" formats.

Otherwise, for the "Not On Us" format, the system generates one batch record "8" with the total of all "6" records, and for the "On Us" format, the system generates one batch record "8" with the total of all "6" records with the same counterparty.

1.2.4 Processes required

- The Calypso Transfer Engine needs to be setup and running. It needs to be included in the Engine Server config properties.
- Calypso scheduler should be running for execution of the Scheduled Task.
- Reports need to be configured with appropriate transfer report template which will be used to filter transfers.

Setup Requirements

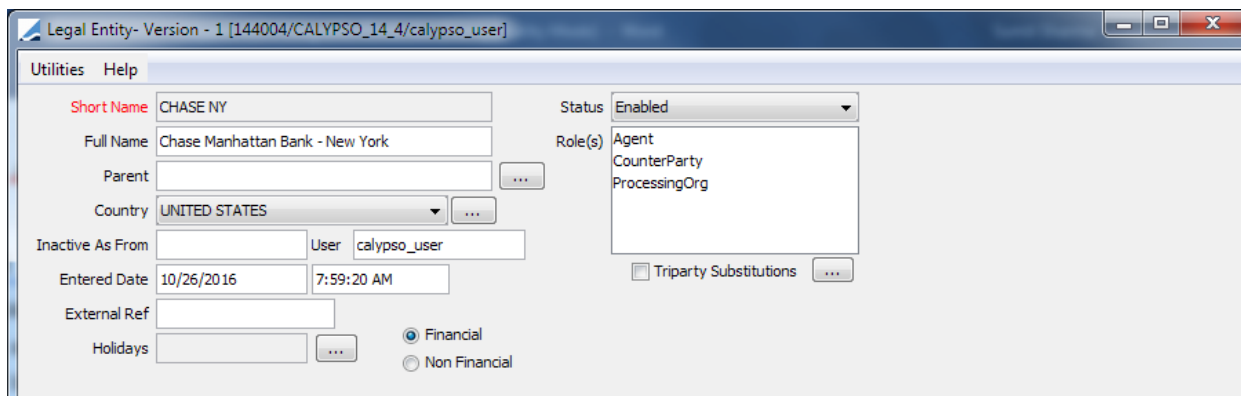
2.1 Legal Entity Mapping

In ACH, batch records are categorized based on transfers of certain types of legal entities.

- Individuals (PPD)
- All other entities (CCD)

These are defined in legal entity attribute 'ACH_ENTITY_TYPE'.

Batch record contains information known as Individual Identification Number which is the value of counterparty attribute named 'CIS'.



Legal Entity - Version - 1 [144004/CALYPSO_14_4/calypso_user]

Utilities Help

Short Name: CHASE NY Status: Enabled

Full Name: Chase Manhattan Bank - New York Role(s): Agent, CounterParty, ProcessingOrg

Parent: ...

Country: UNITED STATES

Inactive As From: User: calypso_user

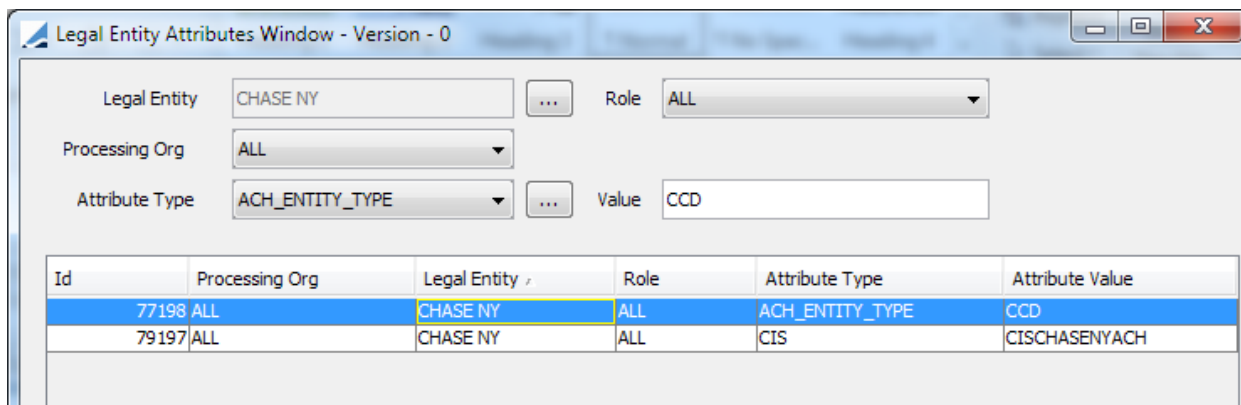
Entered Date: 10/26/2016 7:59:20 AM

External Ref: ...

Holidays: ...

☒ Financial ☐ Non Financial

☐ Triparty Substitutions ...



Legal Entity Attributes Window - Version - 0

Legal Entity: CHASE NY Role: ALL

Processing Org: ALL

Attribute Type: ACH_ENTITY_TYPE Value: CCD

Id	Processing Org	Legal Entity	Role	Attribute Type	Attribute Value
77198	ALL	CHASE NY	ALL	ACH_ENTITY_TYPE	CCD
79197	ALL	CHASE NY	ALL	CIS	CISCHASENYACH

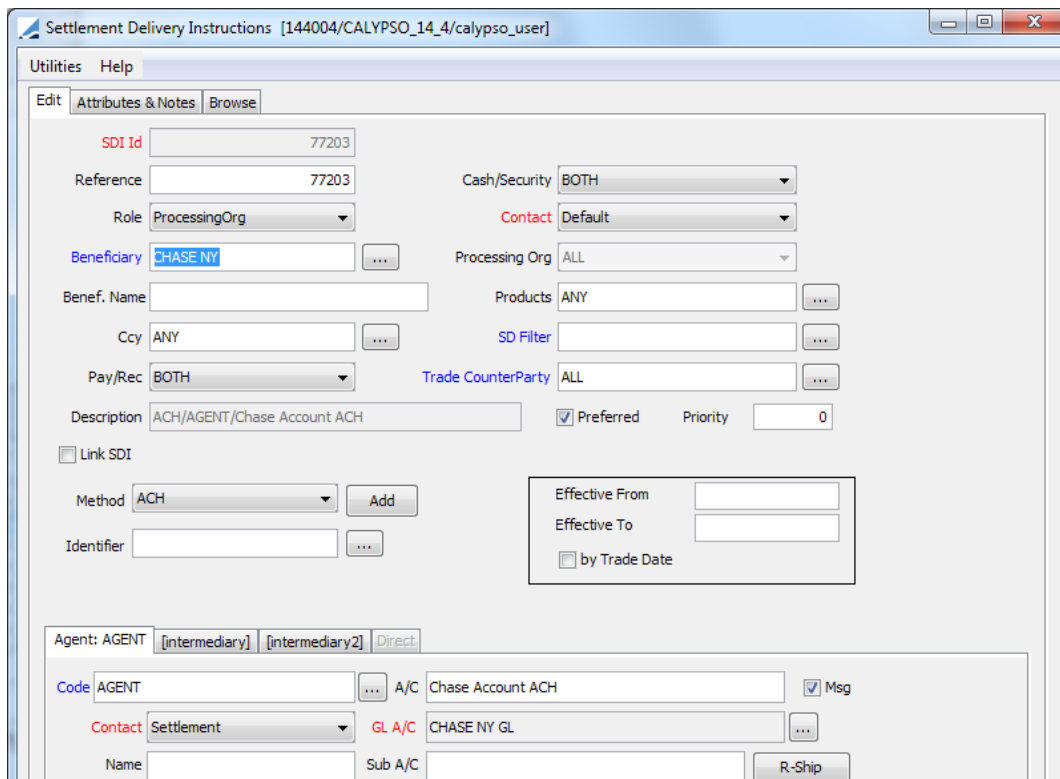
When Value = true in domain "ACHUseTradeIdForIndividualIdNum", field 7 is populated with Trade Id if available or transfer Id (in case of netting other than trade netting).

When Value = false or not set (default), field 7 is populated with CIS attribute.

2.2 SDI Configuration

Following SDI configuration can be made to generate transfers of settlement type ACH.

SDI of Processing Org legal entity with Method as ACH



Settlement Delivery Instructions [144004/CALYPSO_14_4/calypso_user]

Utilities Help

Edit Attributes & Notes Browse

SDI Id 77203

Reference 77203

Cash/Security BOTH

Role ProcessingOrg

Contact Default

Beneficiary CHASE NY

Processing Org ALL

Benef. Name

Products ANY

Ccy ANY

SD Filter

Pay/Rec BOTH

Trade CounterParty ALL

Description ACH/AGENT/Chase Account ACH

☒ Preferred

Priority 0

☐ Link SDI

Method ACH

Identifier

Effective From

Effective To

☐ by Trade Date

Agent: AGENT [intermediary] [intermediary2] Direct

Code AGENT

A/C Chase Account ACH

☒ Msg

Contact Settlement

GL A/C CHASE NY GL

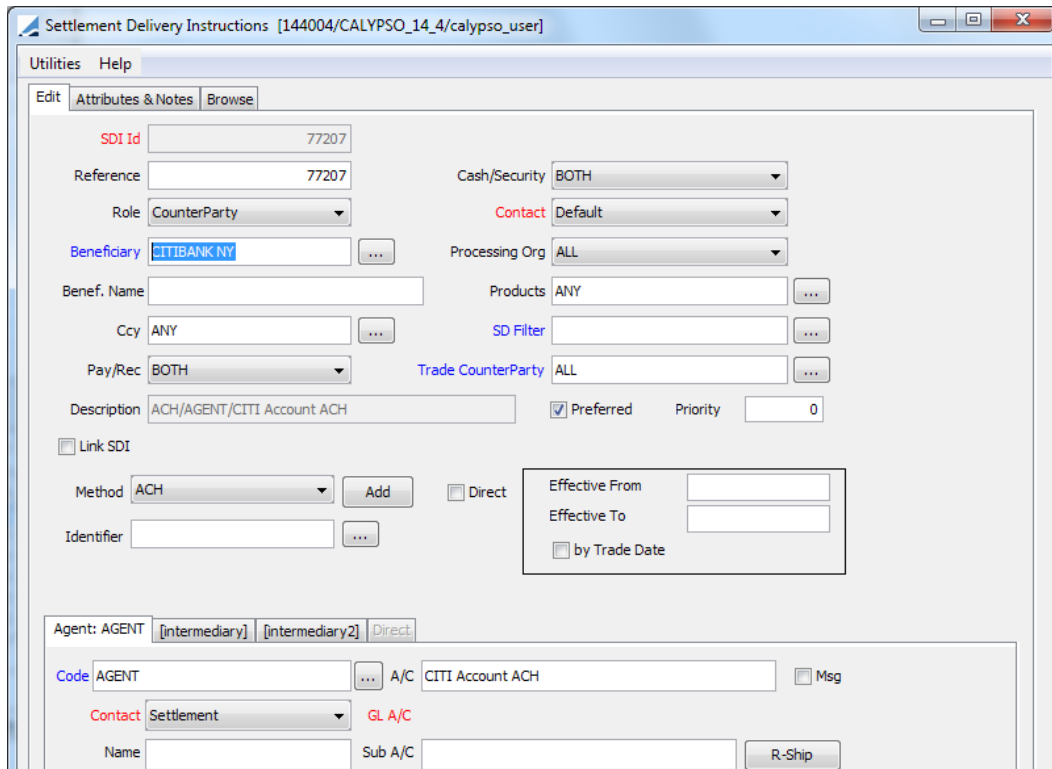
Name

Sub A/C

R-Ship

SDI of Counterparty legal entity with Method as ACH

DFI Account Number is the Agent account name i.e. 'CITI Account ACH' in the below screenshot.



Settlement Delivery Instructions [144004/CALYPSO_14_4/calypso_user]

Utilities Help

Edit Attributes & Notes Browse

SDI Id 77207

Reference 77207

Role CounterParty

Beneficiary CITIBANK NY

Benef. Name

Ccy ANY

Pay/Rec BOTH

Description ACH/AGENT/CITI Account ACH

Link SDI

Method ACH Add

Identifier

Cash/Security BOTH

Contact Default

Processing Org ALL

Products ANY

SD Filter

Trade CounterParty ALL

Preferred ☒ Priority 0

Direct ☐

Effective From

Effective To

by Trade Date ☐

Agent: AGENT [Intermediary] [Intermediary2] Direct

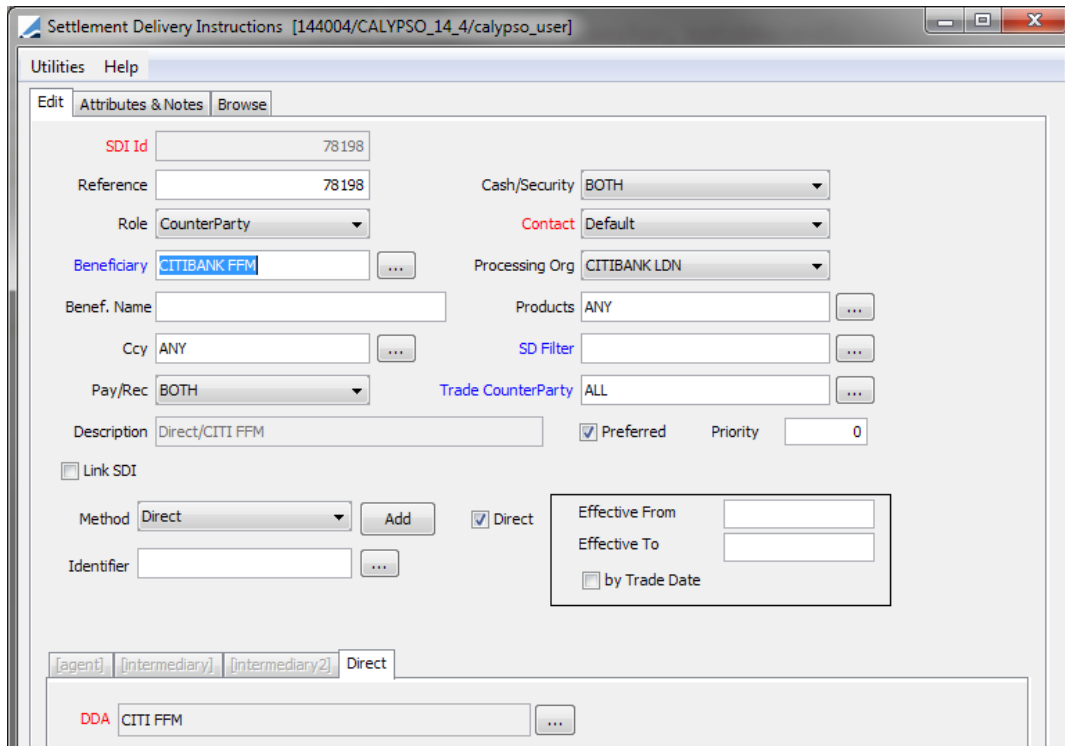
Code AGENT A/C CITI Account ACH Msg ☐

Contact Settlement GL A/C

Name Sub A/C R-Ship

Direct Transfers

DFI Account Number is the DDA Account name i.e 'CITI FFM' in the below screenshot.



Settlement Delivery Instructions [144004/CALYPSO_14_4/calypso_user]

Utilities Help

Edit Attributes & Notes Browse

SDI Id 78198

Reference 78198

Cash/Security BOTH

Role CounterParty

Contact Default

Beneficiary CITIBANK FFM

Processing Org CITIBANK LDN

Benef. Name

Ccy ANY

Products ANY

Pay/Rec BOTH

SD Filter

Trade CounterParty ALL

Description Direct/CITI FFM

☒ Preferred

Priority 0

☐ Link SDI

Method Direct

Add

☒ Direct

Effective From

Effective To

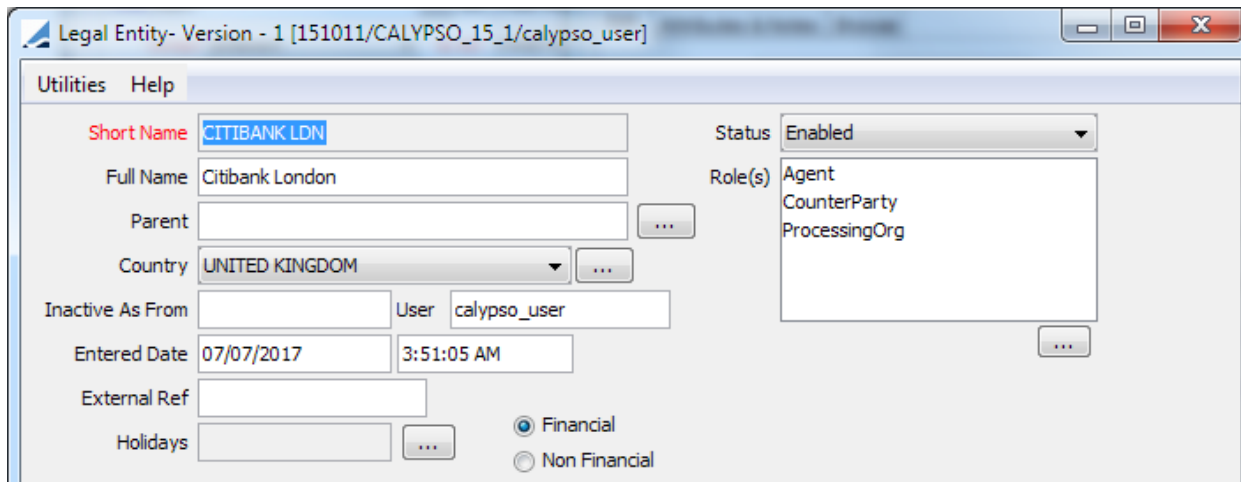
☐ by Trade Date

Identifier

[agent] [intermediary] [intermediary2] Direct

DDA CITI FFM

Receiving DFI Identification is the contact SWIFT code of the counterparty legal entity.



Legal Entity- Version - 1 [151011/CALYPSO_15_1/calypso_user]

Utilities Help

Short Name CITIBANK LDN

Status Enabled

Full Name Citibank London

Role(s) Agent
CounterParty
ProcessingOrg

Parent

Country UNITED KINGDOM

Inactive As From

User calypso_user

Entered Date 07/07/2017 3:51:05 AM

External Ref

Holidays

☒ Financial

☐ Non Financial

Contact Window -Version - 0 [151011/CALYPSO_15_1/calypso_user]

Utilities Help

Legal Entity: CITIBANK LDN Role: CounterParty Product: ALL Contact Type: Default

Processing Org: ALL Effective From: Effective To: Static Data Filter: Trade Keyword:

Last Name: Christie First Name: James Title: Head of UK Operations

Address: 99 xxx Street City: LONDON State: Zip Code: EC1M Country: UNITED KINGDOM

Phone: +44 20 999 0000 Telex: 909090T Fax: +44 20 999 9999

Swift: CITIBK22XXX E-Mail:

External Ref: Codes:

Comment: Demonstration Data

Id	Legal Entity	Role	Product	Type	Name	Title	Email	Phone	Fax	Telex
405	CITIBANK LDN	Agent	ALL	Default	James Christie	Head of UK Operations		+44 20 999 0000	+44 20 999 9999	909090T
404	CITIBANK LDN	CounterParty	ALL	Default	James Christie	Head of UK Operations		+44 20 999 0000	+44 20 999 9999	909090T
72700	CITIBANK LDN	ProcessingOrg	ALL	Default	James Christie	Head of UK Operations		+44 20 999 0000	+44 20 999 9999	909090T

Load New Delete Authorization Save Save As New Validate Contact Close

Show Pending Authorizations Valid On 07/26/2017 Refresh

If the contact type is present in the domain "ACHContactTypeABACode", the ABA code is used in the ACH file if set instead of the Swift code.

Process

3.1 Transfer Report Templates

You first need to define two transfer report templates: One for On Us transfers and one for Not On Us transfers. You can make the distinction between the transfers to be considered for the reports using static data filters.

Following filtering criteria are defined in the transfer report templates:

- Transfers have the Settlement Method ACH
- Status has to be SETTLED or VERIFIED
- Static data filter to identify On Us and Not On Us transfers, and Transfer Type not SECURITY

Example

Transfer Report (10/5/18 2:41:02 PM)


Report Data View Export Market Data Process Utilities Help

Criteria

Value	Start	-	End	+	Template Description
Booking	Start	-	End	+	Bundle
Trade Id	ID		Payment Types	ALL	Filter Set
Transfer Id			Transfer Type	...	Product Family
Netted Id			Event Type	...	Product Type
Processing Org	ALL		Settle Method	ACH	SD Filter
CP role: ALL			Netting Type	...	Action
PO Agent			Delivery Type	...	Sec Code
GL Account			Status	SETTLED, VERIFIED	Currency

Sample ACH-NotOnUs Static Data Filter


Static Data Filter Window [160015/CAL1600/calypso_user]

Name	ACH-NotOnUs		
External Ref.			
Comment			
Groups	ANY		
 Criteria...			

Attribute	Criteria		Filter Value(s)
XFER_ATTRIBUTE.SentToACH	▼ NOT_LIKE		▶ true
Xfer Type	▼ NOT_LIKE		▶ SECURITY
Xfer Their SDI Agent	▼ NOT_LIKE		▶ %CAL%

Sample ACH-OnUs Static Data Filter

Static Data Filter Window [160015/CAL1600/calypso_user]

Name	ACH-OnUs		
External Ref.			
Comment			
Groups	ANY		
 Criteria...			

Attribute	Criteria		Filter Value(s)
XFER_ATTRIBUTE.SentToACH	▼ NOT_LIKE		▶ true
Xfer Type	▼ NOT_LIKE		▶ SECURITY
Xfer Their SDI Agent	▼ LIKE		▶ %CAL%

3.2 Scheduled Task ACH_REPORT

This scheduled task ACH_REPORT generates transfer reports in NACHA file format.

Task Attributes	
REPORT TEMPLATE NAME	ACH-Modified-Template
REPORT FOLDER	C:\D\Output\ACH
REPORT FILE NAME	ACH
TIMESTAMP FILENAME	true
TIMESTAMP FORMAT	yyyyMMddHHmmss
NotOnUsFlag	false
UseReportTimezone	false
ReportTimezone	IST
EnableAddendaRecord	false

The scheduled task can be configured for the On Us report and for the Not On Us report, as needed.

The valuation date time of the task is considered as process date of the report.

The following attributes are set in scheduled task:

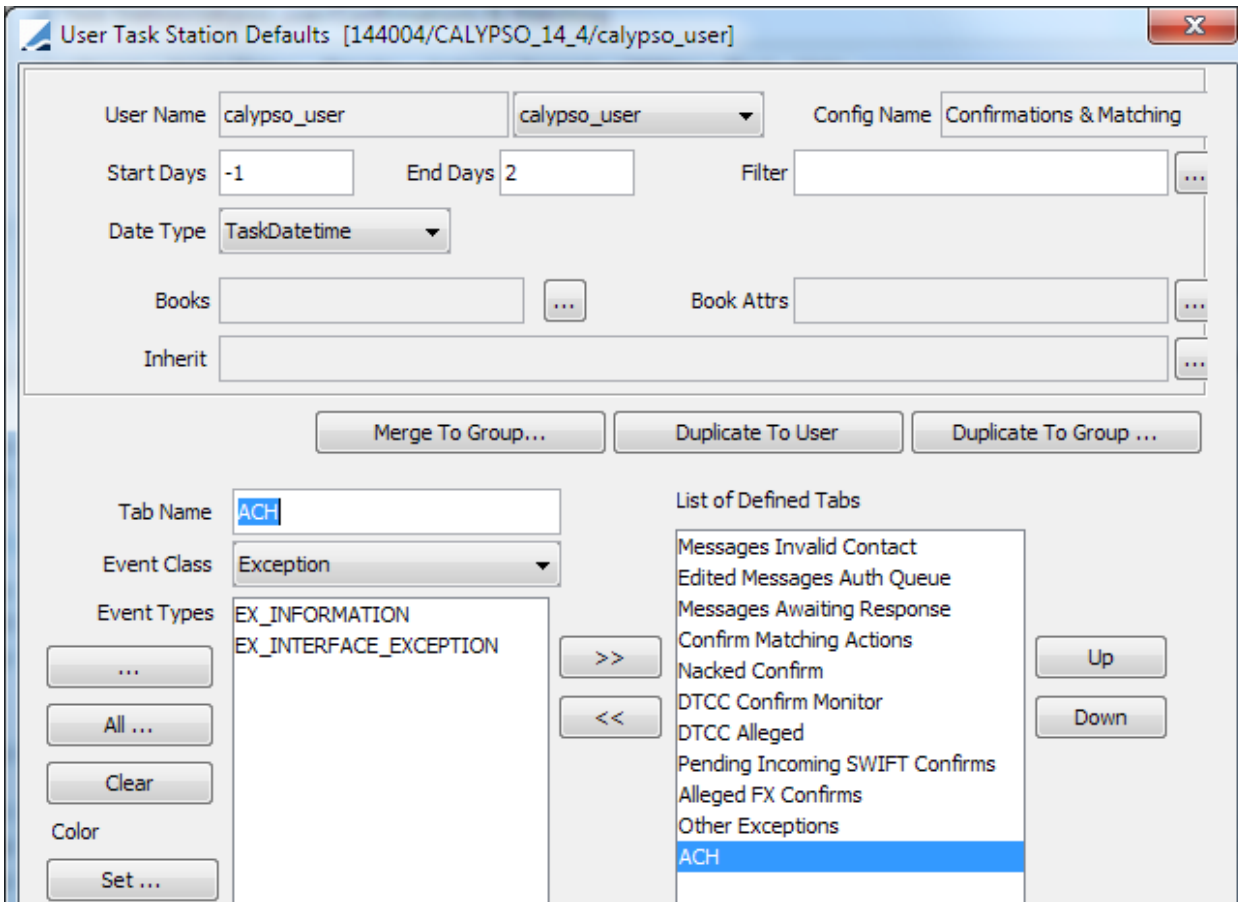
Attribute	Description
REPORT TEMPLATE NAME	Name of the Transfer report template that allows selecting the proper transfers for the On Us and Not On Us report formats.
REPORT FOLDER	C:\Test (To generate report files to send to ACH)
REPORT FILE NAME	Set the prefix for the output file name.
TIMESTAMP FILENAME	Flag to indicate timestamp required in filename
TIMESTAMP FORMAT	Format of timestamp
NotOnUsFlag	Select true to generate the "Not On Us" report or false to generate the "On Us" report, based on the selected Transfer report template.
UseReportTimezone	Select true to use the report timezone (attribute ReportTimezone) for the file header time, or false to use the scheduled task timezone.
ReportTimezone	Enter the report timezone if attribute UseReportTimezone = true.
EnableAddendaRecord	Select true to generate the Addenda Record.

3.2.1 Output File Name

The transformed files will be saved in the output directory specified in the scheduled task attribute "REPORT FOLDER" having the file name prefix specified in the scheduled task attribute "REPORT FILE NAME".

The resultant file name will have the "<prefix_specified><timestamp>.xml". For example "ACH20150123064759.xml".

Any errors during execution of the ACH scheduled task can be viewed from the task station. The task station displays all the validation errors that occurred while sending the transfers to ACH.



User Task Station Defaults [144004/CALYPSO_14_4/calypso_user]

User Name: Config Name:

Start Days: End Days: Filter:

Date Type:

Books: Book Attrs:

Inherit:

Merge To Group... Duplicate To User Duplicate To Group ...

Tab Name: Event Class:

Event Types:

Color:

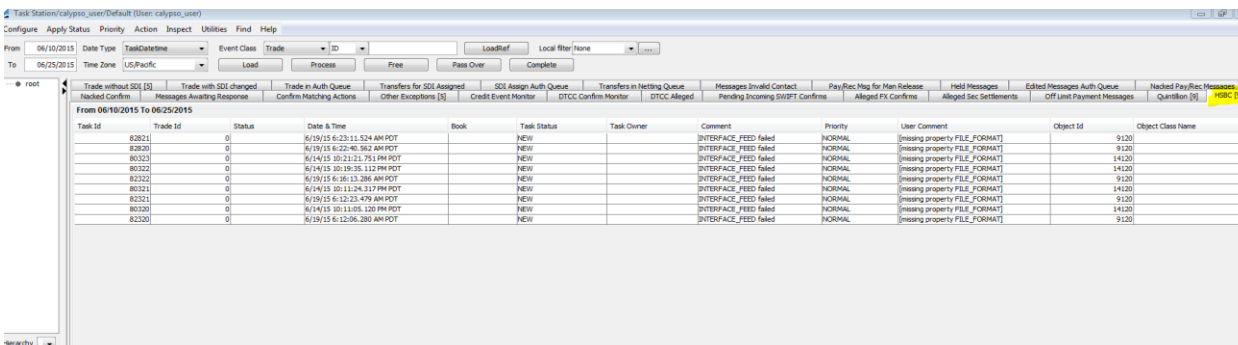
Set ...

List of Defined Tabs

- Messages Invalid Contact
- Edited Messages Auth Queue
- Messages Awaiting Response
- Confirm Matching Actions
- Nacked Confirm
- DTCC Confirm Monitor
- DTCC Alleged
- Pending Incoming SWIFT Confirms
- Alleged FX Confirms
- Other Exceptions
- ACH**

Up Down

The below is the screenshot of task station displaying the errors:



Task Station / calypso_user / Default (User: calypso_user)

From: 06/10/2015 To: 06/25/2015 Date Type: TaskDatetime Time Zone: US/Pacific

Trade without SQL [0] Trade with SQL changed [0] Trade in Auth Queue [0] Transfers for SQL Assigned [0] SQL Assign Auth Queue [0] Transfers in Settling Queue [0] Messages Invalid Contact [0] Pay/Rec Msg for Man Release [0] Held Messages [0] Edited Messages Auth Queue [0] Nacked Pay/Rec Messages [0] Nacked Confirm [0] Messages Awaiting Response [0] Confirm Matching Actions [0] Other Exceptions [0] Credit Event Monitor [0] DTCC Confirm Monitor [0] DTCC Alleged [0] Pending Incoming SWIFT Confirms [0] Alleged FX Confirms [0] Alleged Sec Settlements [0] Off Limit Payment Messages [0] Quantities [0] Errors [0]

Task Id	Trade Id	Status	Date & Time	Book	Task Status	Task Owner	Comment	Priority	User Comment	Object Id	Object Class Name
82821	0	0	6/19/15 6:22:11.524 AM PDT		NEW		INTERFACE_FEED failed	NORMAL	[missing property FILE_FORMAT]	9120	
82820	0	0	6/19/15 6:22:46.962 AM PDT		NEW		INTERFACE_FEED failed	NORMAL	[missing property FILE_FORMAT]	9120	
80321	0	0	6/14/15 10:21:21.751 PM PDT		NEW		INTERFACE_FEED failed	NORMAL	[missing property FILE_FORMAT]	14120	
80322	0	0	6/14/15 10:19:26.112 PM PDT		NEW		INTERFACE_FEED failed	NORMAL	[missing property FILE_FORMAT]	14120	
82322	0	0	6/19/15 6:16:13.386 AM PDT		NEW		INTERFACE_FEED failed	NORMAL	[missing property FILE_FORMAT]	9120	
80321	0	0	6/14/15 10:11:24.317 PM PDT		NEW		INTERFACE_FEED failed	NORMAL	[missing property FILE_FORMAT]	14120	
82321	0	0	6/19/15 6:12:23.479 AM PDT		NEW		INTERFACE_FEED failed	NORMAL	[missing property FILE_FORMAT]	9120	
80320	0	0	6/14/15 10:11:05.120 PM PDT		NEW		INTERFACE_FEED failed	NORMAL	[missing property FILE_FORMAT]	14120	
82320	0	0	6/19/15 6:12:06.280 AM PDT		NEW		INTERFACE_FEED failed	NORMAL	[missing property FILE_FORMAT]	9120	

3.2.2 Addenda Record

All Detail Records (type 6) may have a companion Addenda Record (type 7) provided `EnableAddendaRecord = true`. The Addenda Record contains the transaction timestamp and has a special format.

The timestamp is the file creation datetime by default.

Example:

NEW_On_Us_payments_01232019.txt - Notepad

File Edit Format View Help

101	06200001096300735RG1901231600A094101Regions ACH	Create_On_Us_Extract_Fi
5200MRP Property Ho1	96300735RGCCDswap pmt 190123190123	1062000010000001
627063104668118386466	0000060178 Regions Bank	1062000010000001
705 DATE 2019012312235959		062000010000001
82000000010006310466000000006017800000000000096300735RG		062000010000001
5200St. Johns County	96300735RGCCDswap pmt 190123190123	1062000010000002
6220631046680077524934	0000036900 Regions Bank	1062000010000002
705 DATE 2019012312235959		062000010000001
820000000100063104660000000000000000000003690096300735RG		062000010000002
5200PDS Partners, LL	96300735RGCCDswap pmt 190123190123	1062000010000003
6270631046680053516044	0000419041 Regions Bank	1062000010000003
705 DATE 2019012312235959		062000010000001

Release Notes

4.1 Changes in Version 1.1.1

ACH-12 Schema data file should be included in distribution.

4.2 Changes in Version 1.1.2

HD151438/ACH-15 Records in ACH report should be of same fixed length.

HD151439/ACH-25 DDA Account is missing from output file.

ACH-16 Filler record count in a batch is incorrect.

ACH-28 Update batch record details during addendum record and write in ACH report.

4.3 Changes in Version 1.1.3

ACH-18 Provide configuration to show payment transfer as a credit entry.

Added property 'IsPaymentDebit' in interface property file to configure payment entries as debit or credit.

ACH-35 CIS legal entity attribute definition not present in ACH Schema Data.

HD153653/ACH-39 Block count is incorrect in file control record.

4.4 Changes in Version 1.3.0

Contains ACH 1.1.2 and 1.1.3 fixes.

4.5 Changes in Version 1.3.1

HD160380/ACH-46 Calypso ACH/Fed Interface cannot handle multiple Agent DFI code efficiently.

4.6 Changes in Version 1.4.1

HD163856/ACH-51 - Inability to define a different value for Immediate Origin.

Added ImmediateOrigin, ImmediateOriginName and ImmediateDestinationName properties in the interface property file.

4.7 Changes in Version 1.5.0

HD167858/ACH-65 - Provide support to report On Us payments.

The On Us report format is supported when you set attribute NotOnUsFlag = false in the scheduled task ACH_REPORT. Property ImmediateOriginName is replaced by ImmediateOriginNameNotOnUs and ImmediateOriginNameOnUs properties.

HD166357/ACH-59 - Need property to enable the linefeed in the ACH files.

A new property is added LineSeparator in property file, its value is '\r\n' for Windows and '\n' for Unix/Linux systems.

4.8 Changes in Version 1.5.1

HD173820/ACH-70 - Wrong dates in ACH file for year-end [12/31/18]

Corrected date conversion in yyMMdd format used in ACH report. Also made changes to handle dates in locale independent manner.

4.9 Changes in Version 1.6.0

Version	Component	HelpDesk	Issue	Type	Description
1.6.0	ACH	173820	ACH-69	Issue	Issue - Wrong dates in ACH file for year-end [12/31/18]. Fix - Corrected date conversion in yyMMdd format used in ACH report. Also made changes to handle dates in locale independent manner.
1.6.0	ACH	176310	ACH-73	Enh	Issue – Currently, for the “Not On Us” format, the system generates one batch record “8” with the total of all “6” records, and for the “On Us” format, the system generates one batch record “8” with the total of all “6” records with the same counterparty. Add the possibility to generate one batch record “8” for each “6” record for both “NOT ON US” and “ON US” formats.

Version	Component	HelpDesk	Issue	Type	Description
					Fix – The property SetIndividualPaymentAsBatch has been added. When set to true, one batch record “8” is generated for each “6” record.

4.10 Changes in Version 1.6.1

Version	Component	HelpDesk	Issue	Type	Description
1.6.1	ACH	188165	ACH-75	Enh	<p>Issue - Provide ability to set file creation time in ACH file.</p> <p>Fix - Added attributes UseReportTimezone and ReportTimezone to the scheduled task ACH_REPORT. See ACH_REPORT for details.</p>

4.11 Changes in Version 1.7.0

Component	HelpDesk	Issue	Type	Description
ACH 1.7.0	188165	ACH-76	Enh	<p>Issue - Provide ability to set file creation time in ACH file.</p> <p>Fix - Added attributes UseReportTimezone and ReportTimezone to the scheduled task ACH_REPORT. See ACH_REPORT for details.</p>
ACH 1.7.0	191783	ACH-79	Enh	<p>Issue - Add support for default Addenda Record.</p> <p>Fix – Added attribute EnableAddendaRecord to the scheduled task ACH_REPORT. When set to true, a default Addenda Record is generated. See ACH_REPORT for details.</p>

4.12 Changes in Version 1.7.1

Component	HelpDesk	Issue	Type	Description
ACH 1.7.1	00004362	ACH-85	Issue	<p>Issue - Valuation Date Offset attribute not taking an effect for ACH_REPORT scheduled task.</p> <p>Fix - Corrected valuation date offset.</p>
ACH 1.7.1		ACH-92	Issue	Issue – The Report Timezone feature is not working as expected.

4.13 Changes in Version 1.8.0

Component	HelpDesk	Issue	Type	Description
ACH 1.8.0	00004362	ACH-86	Issue	Issue - Valuation Date Offset attribute not taking an effect for ACH_REPORT scheduled task. Fix - Corrected valuation date offset.
ACH 1.8.0		ACH-93	Issue	Issue – The Report Timezone feature is not working as expected.

4.14 Changes in Version 1.8.1

Component	HelpDesk	Issue	Type	Description
ACH 1.8.1	00008509	ACH-98	Issue	Issue – Add space between Transaction date and Transaction time in the ACH Addenda record Details.

4.15 Changes in Version 1.8.2

Component	HelpDesk	Issue	Type	Description
ACH 1.8.2	00084710	ACH-136	Issue	Issue – ABA number is missing in ACH file when setting Netting at CounterParty level. Impact Analysis – Local impact – Setting ABA code correctly.

4.16 Changes in Version 1.9.0

Component	Case	RPM	Issue	Type	Description
ACH 1.9.0	00008509		ACH-97	Issue	Issue – Add space between Transaction date and Transaction time in the ACH Addenda record Details. Impact analysis – Local impact to AddendumRecord - Added space between Transaction date and Transaction time.

4.17 Changes in Version 1.9.1

Data Model changes - ACHSchemaData.xml

Component	Case	RPM	Issue	Type	Description
ACH 1.9.1	00037751		ACH-117	Enh	<p>Issue – When CHECK_BIC_DATA=true, cannot enter the ABA code in the contact Swift code.</p> <p>Fix – Added domain ACHContactTypeABACode. It should contain the contact type for which the ABA code should be used instead of the Swift code.</p> <p>The ABA code has also been added to the domain “addressMethod”.</p> <p>If the contact type is present in the domain “ACHContactTypeABACode”, the ABA code is used in the ACH file if set, otherwise the Swift code is used.</p>

4.18 Changes in Version 1.9.2

Component	Case	RPM	Issue	Type	Description
ACH 1.9.2	00038744		ACH-121	Issue	<p>Issue – ACH extract file does not pull the account number for Manual SDI.</p> <p>Impact Analysis – Local impact to ACHInterfaceHelper – Adding account number for Manual SDI.</p>

4.19 Changes in Version 1.10.0

Data Model changes - ACHSchemaData.xml

Component	Case	RPM	Issue	Type	Description
ACH 1.10.0	00037751		ACH-114	Enh	<p>Issue – When CHECK_BIC_DATA=true, cannot enter the ABA code in the contact Swift code.</p> <p>Fix – Added domain ACHContactTypeABACode. It should contain the contact type for which the ABA code should be used instead of the Swift code.</p> <p>The ABA code has also been added to the domain “addressMethod”.</p>

Component	Case	RPM	Issue	Type	Description
					If the contact type is present in the domain "ACHContactTypeABACode", the ABA code is used in the ACH file if set, otherwise the Swift code is used.

4.20 Changes in Version 1.11.0

Component	Case	RPM	Issue	Type	Description
ACH 1.11.0	00038744		ACH-122	Issue	<p>Issue – ACH extract file does not pull the account number for Manual SDI.</p> <p>Impact Analysis – Local impact to ACHInterfaceHelper – Adding account number for Manual SDI.</p>

4.21 Changes in Version 2.1.0

Data Model changes - ACHSchemaData.xml

Component	Case	RPM	Issue	Type	Description
ACH 2.1.0	00037751		ACH-115	Enh	<p>Issue – When CHECK_BIC_DATA=true, cannot enter the ABA code in the contact Swift code.</p> <p>Fix – Added domain ACHContactTypeABACode. It should contain the contact type for which the ABA code should be used instead of the Swift code.</p> <p>The ABA code has also been added to the domain "addressMethod".</p> <p>If the contact type is present in the domain "ACHContactTypeABACode", the ABA code is used in the ACH file if set, otherwise the Swift code is used.</p> <p>Data Model changes - ACHSchemaData.xml.</p>

4.22 Changes in Version 2.2.0

Component	Case	RPM	Issue	Type	Description
ACH 2.2.0	00038744		ACH-123	Issue	Issue – ACH extract file does not pull the account number for Manual SDI. Impact Analysis – Local impact to ACHInterfaceHelper – Adding account number for Manual SDI.

4.23 Changes in Version 2.3.0

Component	Case	RPM	Issue	Type	Description
ACH 2.3.0			ACH-128	Enh	Issue - Extend data and hashicorp property support to all applications. Impact Analysis - Extended hashicorp property support to all resource files.

4.24 Changes in Version 2.4.0

Component	Case	RPM	Issue	Type	Description
ACH 2.4.0	00084710		ACH-137	Issue	Issue – ABA number is missing in ACH file when setting Netting at CounterParty level. Impact Analysis – Local impact – Setting ABA code correctly.

4.25 Changes in Version 2.6.0

Component	Case	APL	Issue	Type	Description
ACH 2.6.0	00105364	APL-9510	ACH-148	Issue	Issue – ACH field 7 needs to have Trade Id instead of CIS attribute. Impact Analysis – Added domain “ACHUseTradeIdForIndividualIdNum”. When Value = true, field 7 is populated with Trade Id if available or transfer Id (in case of netting other than trade netting). When Value = false or not set (default), field 7 is populated with CIS attribute.

4.26 Changes in Version 2.6.1

Component	Case	APL	Issue	Type	Description
ACH 2.6.1	00118673		ACH-175	Issue	Issue – ACH_REPORT scheduled task should have status finished with errors instead of failed when generated doc is empty. Impact Analysis – Local impact to ScheduledTaskACH_REPORT – Changed status and log info to reflect empty doc.

4.27 Changes in Version 2.6.2

Component	Case	APL	Issue	Type	Description
ACH 2.6.2	00126658		ACH-178	Issue	Issue – Wrong data populated in the Batch Control record in ACH report. Impact Analysis – Local impact to ACHInterfaceHelper – Populating File Control and Batch Control records correctly.

4.28 Changes in Version 2.6.3

Component	Case	APL	Issue	Type	Description
ACH 2.6.3	00128638		ACH-185	Issue	Issue – "Entry Hash" is empty. It should be the sum of all Receiving DFI Identification fields. Impact Analysis – Local impact to ACHInterfaceHelper – Setting Entry Hash correctly.

4.29 Changes in Version 2.7.0

Component	Case	APL	Issue	Type	Description
ACH 2.7.0	00118673		ACH-166	Issue	Issue – ACH_REPORT scheduled task should have status finished with errors instead of failed when generated doc is empty. Impact Analysis – Local impact to ScheduledTaskACH_REPORT – Changed status and log info to reflect empty doc.

4.30 Changes in Version 2.8.0

Component	Case	APL	Issue	Type	Description
ACH 2.8.0	00126658		ACH-179	Issue	Issue – Wrong data populated in the Batch Control record in ACH report. Impact Analysis – Local impact to ACHInterfaceHelper – Populating File Control and Batch Control records correctly.
ACH 2.8.0	00128638		ACH-186	Issue	Issue – "Entry Hash" is empty. It should be the sum of all Receiving DFI Identification fields. Impact Analysis – Local impact to ACHInterfaceHelper – Setting Entry Hash correctly.

4.31 Changes in Version 3.4.0

Component	Case	APL	Issue	Type	Description
ACH 3.4.0			ACH-145	Issue	Issue – Removed dependency with calypso-id-api.

4.32 Changes in Version 3.5.0

Component	Case	APL	Issue	Type	Description
ACH 3.5.0	00105364	APL-9510	ACH-147	Enh	Issue – ACH field 7 needs to have Trade Id instead of CIS attribute. Impact Analysis – Added domain "ACHUseTradeIdForIndividualIdNum". When Value = true, field 7 is populated with Trade Id if available or transfer Id (in case of netting other than trade netting). When Value = false or not set (default), field 7 is populated with CIS attribute.

4.33 Changes in Version 3.6.0

Component	Case	APL	Issue	Type	Description
ACH 3.6.0	00118673		ACH-165	Issue	<p>Issue – ACH_REPORT scheduled task should have status finished with errors instead of failed when generated doc is empty.</p> <p>Impact Analysis – Local impact to ScheduledTaskACH_REPORT – Changed status and log info to reflect empty doc.</p>

4.34 Changes in Version 3.7.0

Component	Case	APL	Issue	Type	Description
ACH 3.7.0	00126658		ACH-180	Issue	<p>Issue – Wrong data populated in the Batch Control record in ACH report.</p> <p>Impact Analysis – Local impact to ACHInterfaceHelper – Populating File Control and Batch Control records correctly.</p>
ACH 3.7.0	00128638		ACH-188	Issue	<p>Issue – "Entry Hash" is empty. It should be the sum of all Receiving DFI Identification fields.</p> <p>Impact Analysis – Local impact to ACHInterfaceHelper – Setting Entry Hash correctly.</p>