

Oracle Financial Services Compliance Regulatory Reporting

Web Service Guide

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Financial Services

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Document Control

Table 1: Document Control

Version Number	Revision Date	Change Log
1.5	February 2025	No content updates for this release.
1.3	September 2024	No content updates for this release.
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1 About This Guide

This guide explains the Request, Response, and Status elements of the Oracle Financial Services Compliance Regulatory Reporting (OFS CRR) Web Service.

This section details the following topics:

- [Who Should Use This Guide](#)
- [Scope of This Guide](#)
- [How this Guide is Organized](#)
- [Where to Find More Information](#)
- [Conventions](#)

1.1 Who Should Use This Guide

This guide is designed for technical staff, database programmers, and system administrators of the Oracle Financial Services client.

Note: This service is applicable only if your source is ECM and not any other third-party source.

1.2 Scope of This Guide

The purpose and scope of this guide is to define how and in what format the source business data must be provided to the Oracle Financial Services Compliance Regulatory Reporting (OFS CRR) application through a Web service.

The Web service call is initiated from the source Enterprise Case Management (ECM) system and then processed by the CRR service. The CRR service processes the requests posted, creates the response, and responds to the source ECM system.

This guide details the attributes expected in the request and the response that would be sent to the ECM system.

1.3 How this Guide is Organized

The *Oracle Financial Services Compliance Regulatory Reporting Web Service Guide*, Release includes the following topics:

- [Chapter 2, Introduction](#), describes the brief overview of the CRR Web Service.
- [Chapter 3, Web Service – Request Elements](#), details the data expected from the source ECM system.
- [Chapter 4, Web Service – Response Elements](#), lists the elements that are a part of the response from the CRR.
- [Chapter 5, Status Update Web Service – Status Elements](#), details the report status updating process in the ECM system.

1.4 Where to Find More Information

For additional information about the Oracle Financial Services Compliance Regulatory Reporting (OFS CRR) application, refer to *Oracle Financial Services Compliance Regulatory Reporting Data Model Reference Guide* which explains how the OFS CRR data is organized, how OFS CRR uses that data, and how to achieve the expected business results. This document is available in [OHC](#).

To find additional information about how Oracle Financial Services solves real business problems, see our website at www.oracle.com/financialservices.

1.5 Conventions

Table 1 list the conventions used in this guide.

Table 1: Convention

Conventions	Descriptions
Italics	<ul style="list-style-type: none">Names of books, chapters, and sections as referencesEmphasis
Bold	<ul style="list-style-type: none">An Object of an action (menu names, field names, options, button names) in a step-by-step procedureCommands typed at a promptUser input
Monospace	<ul style="list-style-type: none">Directories and subdirectoriesFile names and extensionsProcess namesCode sample, including keywords and variables within a text and as separate paragraphs, and user-defined program elements within a text
Asterisk	Mandatory fields in the User Interface
<Variable>	Substitute input value

2 Introduction

The Web service call is initiated from the source ECM system and processed by the CRR service. The CRR service processes the posted requests, creates the response, and responds to the source ECM system. See [Figure 1](#).

Note: This service is applicable only if your source is ECM and not any other third-party source.

Enter your User ID and Password to make a successful Web service call. The User ID and Password ensures that the correct and authenticated systems are accessing the CRR application. These parameters are static and decided on user preference during implementation. Once decided, these parameters are saved in a specific location in the database.

Apart from the User ID and Password, data coming from the ECM system is also verified and validated by the CRR application. If the three parameters are correct, then the CRR application generates a unique Report ID for the report, stores the data, and responds with a positive acknowledgment. If the validation fails, the CRR application responds with a negative acknowledgment.

- **Request:** Provides the details of the data expected from the ECM system. This also verifies and validates the data.
- **Response:** Provides the details of the data in the response to the ECM system. This also responds with a positive or negative acknowledgment.

Figure 1: CRR Webservice Request and Response

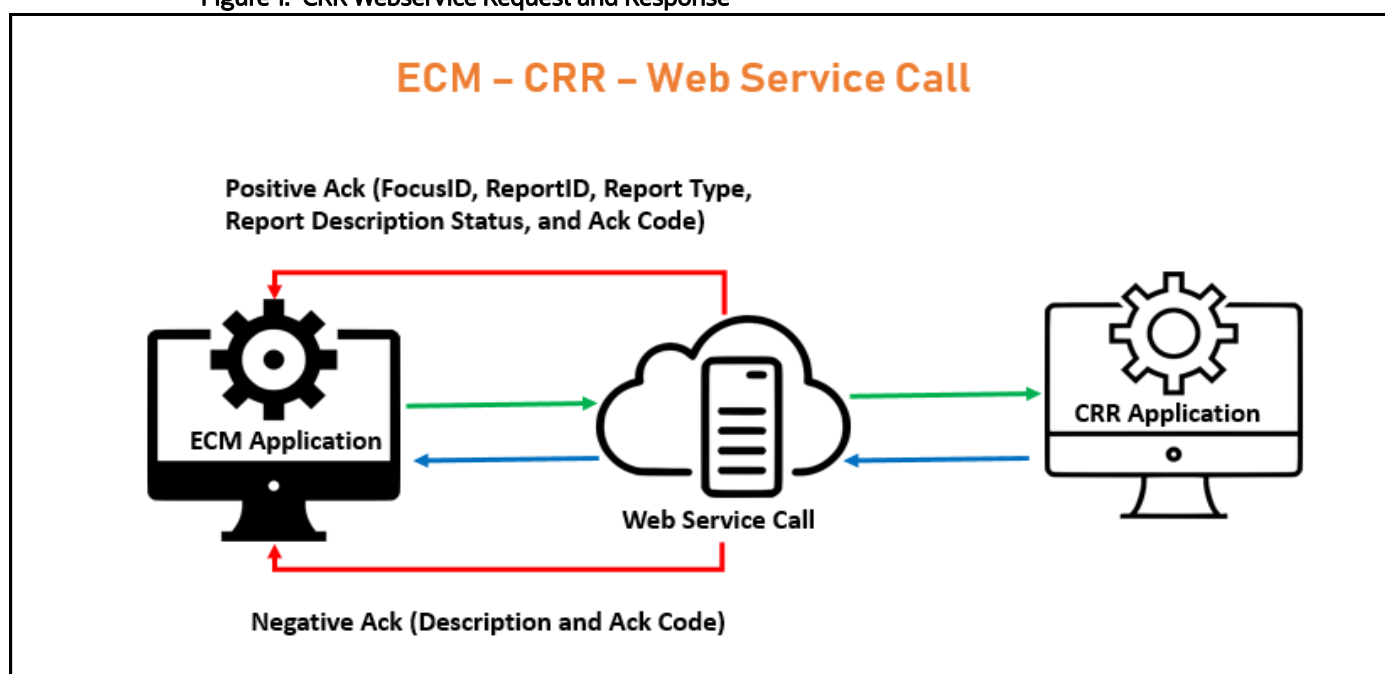


Figure 2: CRR Webservice Request and Response

2.1 Prerequisites

The CRR Web Service is available after the post-installation and configuration activities for the solution are completed.

The CRR Web Service can be verified by accessing the following URL: `http://<WebServer IP> :<port number>/<context name>/services/InitiateRequest`

3 Web Service – Request Elements

The source ECM system provides the following information to the CRR Web Service: The details of each element is explained in the next section

- Request
 - ReportType
 - InvestigationReferenceld
 - FocusID
 - FocalEntityName
 - RequestedBy
 - FocalType
 - ReportSubType
 - EntityReference
 - SubmissionDate
 - CurrencyCodeLocal
 - Location
 - Source
 - ReportIndicators
 - CorrectsAPriorReport
 - SupplAPriorReport
 - PriorReportId
 - SecurityAttributes
 - Account
 - AccountAddress
 - AccountPhone
 - AccountEmailAddress
 - Customer
 - CustomerAddress
 - CustomerEmailAddress
 - CustomerPhone
 - DerivedEntity
 - DerivedAddress
 - CorrespondentBank
 - InvolvedPartyDetail
 - ReviewInvolvedPartyLink
 - CashTransaction
 - MonetaryInstrumentTransaction

- WireTransaction
- BackOfficeTransaction
- InsuranceTransaction
- Narrative
- LossRecoverySummary
- Action
- FinancialInstitution
- AdditionalTransactionDetails
- TransactionGoodsServices
- Director

Table 2 details the format in which the data is expected from source ECM System. The following conventions are used in this table:

¹- Mandatory Information

Table 2: Request Element

SI No	Attribute	Data Type	Definition	Instruction
1	ReportType ¹	string15	Indicates the type of report OFSRR application should process.	A valid report type should be provided.
2	InvestigationReferenceId ¹	string30	Case ID for report	
3	FocusID	string30	Focus ID for report.	
4	FocalEntityName	string300	Focal entity name	
5	RequestedBy ¹	string30	User ID of the person who has requested for generation of report.	The ECM and OFSRR application must have the same user ID
6	FocalType	string300	Type of focus on which report is initiated	
7	ReportSubType	string10	Report sub type like STR/CTR	
8	EntityReference	string255	Entity reference of the report	
9	SubmissionDate	Date	Date of report submission	
10	CurrencyCodeLocal	string10	Local currency code	

Table 2: Request Element

SI No	Attribute	Data Type	Definition	Instruction
11	Location	AddressType	Location where the report was reported.	
12	Source	string255	Source application which is sending the report.	
13	ReportIndicators	string25	Report indicators	
14	CorrectsAPriorReport	string1	Flag to indicate if this is a report which corrects a previously reported report.	
15	SupplAPriorReport	string1	Flag to indicate if this is a report which supplements a previously reported report.	
16	PriorReportId	Integer10	In case of corrects or supplements a previous report, then its report ID.	
17	SecurityAttributes ¹	SecurityType	The security attributes associated with the report. Refer Security-Type section for more details.	
18	Account	Account	The account details of the report. Refer Account section for more details.	
19	AccountAddress	AccountAddress	The account address details of the reported account. Refer AccountAddress section for more details.	
20	AccountPhone	AccountPhone	The account phone details of the reported account. Refer AccountPhone section for more details.	
21	AccountEmailAddress	AccountEmailAddress	The account email address details of the reported account. Refer AccountEmailAddress section for more details.	

Table 2: Request Element

SI No	Attribute	Data Type	Definition	Instruction
22	Customer	Customer	The customer details of the report. Refer Customer section for more details.	
23	CustomerAddress	CustomerAddress	The customer address details of the reported Customer. Refer CustomerAddress section for more details.	
24	CustomerE-mailAddress	CustomerE-mailAddress	The customer email address details of the reported customer. Refer CustomerEmailAddress section for more details.	
25	CustomerPhone	CustomerPhone	The customer phone details of the reported customer. Refer CustomerPhone section for more details.	
26	DerivedEntity	DerivedEntity	The derived entity details of the report. Refer DerivedEntity section for more details.	
27	DerivedAddress	DerivedAddress	The derived entity address details of the reported derived entity. Refer DerivedAddress section for more details.	
28	Correspondent-Bank	Correspondent-Bank	The correspondent bank details of the report. Refer Correspondent-Bank section for more details.	
29	InvolvedPartyDetail	InvolvedPartyDetail	The involved party details of the report. Refer InvolvedPartyDetail section for more details.	
30	ReviewInvolved-PartyLink	ReviewInvolved-PartyLink	The review involved party link details of the report. Refer ReviewInvolvedPartyLink section for more details.	

Table 2: Request Element

SI No	Attribute	Data Type	Definition	Instruction
31	CashTransaction	CashTransaction	The cash transaction details of the report. Refer CashTransaction section for more details.	
32	MonetaryInstrumentTransaction	MonetaryInstrumentTransaction	The monetary instrument transaction details of the Report. Refer MonetaryInstrumentTransaction section for more details.	
33	WireTransaction	WireTransaction	The wire transaction details of the report. Refer WireTransaction section for more details.	
34	BackOfficeTransaction	BackOfficeTransaction	The back office transaction details of the report. Refer BackOfficeTransaction section for more details.	
35	InsuranceTransaction	InsuranceTransaction	The insurance transaction details of the report. Refer InsuranceTransaction section for more details.	
36	Narrative	string	The narrative details of the report.	
37	LossRecoverySummary	LossRecoverySummary	The loss recovery summary details of the report. Refer LossRecoverySummary section for more details.	
38	Action	string4000	The action details of the report.	
39	FinancialInstitution	FinancialInstitution	The financial institution details of the report. Refer FinancialInstitution section for more details.	
40	AdditionalTransactionDetails	TransactionDetails	The additional transaction details of the report. Refer TransactionDetails section for more details.	

Table 2: Request Element

SI No	Attribute	Data Type	Definition	Instruction
41	Transaction-GoodsServices	Transaction-GoodsServices	The transaction goods services details of the report. Refer TransactionGoodsServices section for more details.	
42	Director	Customer	The director details of the organizations holding the account for the report. Refer Customer section for more details.	

Table 3 details the account element expected from source ECM System.

Table 3: Account Element

SI No	Attribute	Data Type	Definition	Instruction
1	AccountIdentifier	string50	Identifier for a specific account that is unique across the enterprise. All trades and transactions are associated with an account identifier.	
2	SubmissionDate	Date	Business date for which the data record is provided.	
3	RRSAccountIdentifier	Integer22	Identifier for this account	
4	SegmentIdentifier	string10	Category identifier used to distinguish sales regions, segments, and so on. associated with this account.	
5	OptionApproval-Level	string2	Options trading approval level for this account (for example, approval to trade uncovered options).	0: Covered writing 1: Put/call Purchases 2: Spreads 3: Naked writing
6	OptionApproval-Date	Date	Date on which this account was approved for its current level of options trading.	

Table 3: Account Element

SI No	Attribute	Data Type	Definition	Instruction
7	RegistrationType	string5	Client-specified form of legal ownership for the account (for example, joint tenant, individual, custodial, or corporate).	
8	AccountType ¹	string20	Client-specified account type classification for the usage of this account.	
9	AccountType2	string20	Client-specified account type classification for the usage of this account.	
10	AccountOpenDate	Date	Date on which the account was opened.	
11	MaintenanceRequirementPercentage	Integer3	Equity maintenance requirement for this account. The account receives a margin call if its equity percentage drops below this level.	
12	AccountTaxIdentifier	string20	Tax identification number associated with this account.	
13	TaxIdentifierFormat	string1	Indicator of whether the account tax identifier is a Social Security Number (SSN) or another type of identifier.	S: Social security number T: Tax identifier
14	MarginApprovalIndicator	string1	Indicator of whether this account has been approved for margin trading.	
15	TaxWithholdingCode	string3	Indicator of whether the client is to withhold taxes on this account's earnings from redemptions that result in payments to the customer.	Y: Firm is to withhold taxes N: Firm is not to withhold taxes
16	TitleLine1	string45	First line of this account's title.	
17	TitleLine2	string45	Second line of this account's title.	
18	TitleLine3	string45	Third line of this account's title.	

Table 3: Account Element

SI No	Attribute	Data Type	Definition	Instruction
19	DiscretionaryAccountIndicator	string1	Indicator of whether the investment advisor associated with this account has discretion to execute trades on behalf of its account owner.	
20	HouseholdAccountGroupIdentifier	string50	For personal accounts, identifies the household to which this account is assigned.	
21	MarketingCampaign	string5	Marketing campaign through which this account was acquired.	
22	CommissionSchedule	string4	Commission schedule used for this account.	
23	EmployeeAccountIndicator	string1	Indicator of whether an active member of the client has a personal association to this account, either through a direct customer role or a family member relationship.	
24	TestAccountIndicator	string1	Indicator of whether this account is a test account.	
25	AccountStatus	string1	Status of this account (for example, active, inactive, or closed).	A: Active I: Inactive D: Dormant (extended inactivity) C: Closed X: Purge
26	AccountStatusDate	Date	Date on which the current account status became effective.	
27	AlternateAccountIdentifier	string50	Alternative identifier for this account that is not necessarily unique across the enterprise.	
28	InvestmentAdvisorReferralIndicator	string1	Indicator of whether the client referred this customer account to an investment advisor.	

Table 3: Account Element

SI No	Attribute	Data Type	Definition	Instruction
29	LastActivityDate	Date	Date of the last trading or transaction activity in this account.	
30	SourceSystem	string3	Source system from which this data content is extracted.	
31	AccountDisplay-Name	string255	Account name to be displayed in the application. This is often the name of the primary customer on the account.	
32	BusinessRisk	Integer3	Level of risk associated with the general business characteristics of this account as determined by the client.	0-10: Increasing levels of risk
33	CustomerRisk	Integer3	Identifier of the effective risk of this account's primary customer.	
34	GeographyRisk	Integer3	Identifier of the level of risk associated with the geographic characteristics of this account as determined by the client. Firms have used account addresses and customer information (for example, citizenship) to determine the level of risk.	
35	CustomerStatementQuantity	Integer2	Number of distinct customers to whom statements are mailed for this account.	
36	PrimaryProduct-Type	string20	Primary product traded in this account (for example, U.S. Treasuries, futures, or options).	
37	LastStatement-Date	Date	Date of the last statement for this account.	
38	StatementSuppressionIndicator	string1	Indicator of whether the distribution of statements is suppressed for this account.	

Table 3: Account Element

SI No	Attribute	Data Type	Definition	Instruction
39	NotificationLetterSuppressionIndicator	string1	Indicator of whether the account information change letter has been suppressed for this account. If set to Y, the customer in whose name the account is registered is not notified of account information changes such as address or phone number changes.	
40	LegalEntity	string40		
41	PrimeBrokerAccountIndicator	string1	Indicator of whether or not this account is affiliated with a prime broker.	Y: Account is prime broker associated N: Account is not prime broker associated
42	FinancialInstitutionCountry	string3		
43	GlobalRelationshipIndicator	string1	Indicator of whether this account is a part of a global or major corporate relationship (that is, one of several accounts held with a large, trusted customer).	
44	WatchListIdentifier	string3	Watch List source that was used to populate Watch List Risk for this account.	
45	PrimaryCustomerIdentifier	string50	Primary customer or counterparty associated with this account.	
46	AccountEffectiveRisk	Integer3	Level of risk associated with this account as determined in large part by membership on one or more Watch Lists.	(-2): Trusted to a level of exclusion from monitoring (-1): Trusted to a level of reduced monitoring 0: Neither trusted or risky 1-10: Increasing levels of risk

Table 3: Account Element

SI No	Attribute	Data Type	Definition	Instruction
47	WatchListRisk	Integer3	Identifier of the level of risk associated with this account on the Watch List record that established the account effective risk.	(-2): Trusted to a level of exclusion from monitoring -1: Trusted to a level of reduced monitoring 0: Neither trusted or risky 1-10: Increasing levels of risk
48	WatchListMatch-Text	string2000	Text of the identifier or name associated with the Watch List record that was used to populate Watch List Risk for this account.	
49	WatchListMatch-Type	string3	Type of entity in the Watch List Match Text.	IA: Internal account identifier TX: Tax identifier number
50	CustomRisk1	Integer3	Identifier of an arbitrary risk associated with this account as determined by the client, which is used solely for alert analysis.	
51	CustomRisk2	Integer3	Arbitrary risk associated with this account as determined by the client, which is used solely for alert analysis.	
52	TaxPayerCustomerIdentifier	string50	Customer or counterparty responsible for paying taxes on this account.	
53	CustomDate1	Date	Date field that is available for use at the client's discretion.	
54	CustomDate2	Date	Date field that is available for use at the client's discretion.	
55	CustomDate3	Date	Date field that is available for use at the client's discretion.	
56	CustomReal1	decimal20	Number field that is available for use at the client's discretion.	

Table 3: Account Element

SI No	Attribute	Data Type	Definition	Instruction
57	CustomReal2	decimal20	Number field that is available for use at the client's discretion.	
58	CustomReal3	decimal20	Number field that is available for use at the client's discretion.	
59	CustomText1	string255	Text field that is available for use at the client's discretion.	
60	CustomText2	string255	Text field that is available for use at the client's discretion.	
61	CustomText3	string255	Text field that is available for use at the client's discretion.	
62	CustomText4	string255	Text field that is available for use at the client's discretion.	
63	CustomText5	string255	Text field that is available for use at the client's discretion.	
64	Pattern-Day-TraderIndicator	string1	Indicator of whether a trader shows a pattern of day trading in this account.	
65	DayTradingApprovalStatus	string10	Account's approval status for day trading.	1: Approved/Met Suitability 2: Approved by exception 3: One time exception 4: Denied/Suitability 5: Denied/No contact 6: Approval requested 7: Pending review 8: Withdrawn
66	DayTradingApprovalStatusLastUpdateDate	Date	Date on which this account's day trading approval status was last updated.	

Table 3: Account Element

SI No	Attribute	Data Type	Definition	Instruction
67	DayTradingApprovalUserIdentifier	string50	User who performed the last update to this account's day trading approval status.	
68	DayTradingApprovalStatusRequestedDate	Date	Date on which this account requested approval for day trading.	
69	SuitabilitySurveillanceLevel	Integer2	Indicator of how closely this account is monitored for risk and suitability issues. The value of this field could be based on the programs/offerings in which the account participates, the features/characteristics of the account, and/or the account's prior activity.	1-6: Level of suitability surveillance (1=strictest to 6=most lenient)
70	AccountReportingCurrency	string3	Currency in which all statements for this account are denominated.	ISO 4217: Alpha currency code
71	BranchCode	string20	Organization where this account is domiciled.	
72	ProcessingBatch	string20	Ingestion batch which processed this data record.	
73	Institutional-ParentCustomer-Identifier	string50	For institutional customers, identifies the top-most parent institution that is associated with this account.	
74	DVP_RVPIndicator	string1	Indicator of whether this is a delivery versus payment (DVP) or receipt versus payment (RVP) account (that is, an account that has its assets in custody of another institution).	

Table 3: Account Element

SI No	Attribute	Data Type	Definition	Instruction
75	RRSAccountHolderType	string20	Type of internal or external customer that uses this account.	CR: Retail customer CI: Institutional customer IA: Investment Advisor CO: Correspondent financial institution EE: Employee/Family member FP: Firm trading FO: Firm owned, non-trading FA: Firm administrative FE: Firm Error/suspense DC: Clearing organization IS: Issuer/Writer
76	RRSBusinessAccountType	string20	Functional area in which this account is used.	RBR: Retail Brokerage/ Private client IBR: Institutional brokerage RBK: Retail banking CBK: Wholesale/ Correspondent banking PRP: Proprietary LON: Loan
77	RRSAccountOwnershipType	string20	Form of legal ownership/ registration for this account.	IND: Individual JOINT: Joint tenant/Community property TRUST: Trust CUST: Custodian CORP: Corporate FIRM: Firm owned OTHER: Other

Table 3: Account Element

SI No	Attribute	Data Type	Definition	Instruction
78	OFSR-R_acct_purp_cd	string20	Purpose or special use of this account.	F: Facilitation L: Lock box O: Other
79	RetirementAc-countIndicator	string1	Indicator of whether this account is set up for retirement investing and has penalties for early withdrawal.	
80	Jurisdiction	string4	Jurisdiction associated with this account.	
81	BusinessDomain	string65	Account's business domain(s) (for example, institutional brokerage or retail brokerage) uses this field to control access to data across distinct business operations.	
82	HighActivityAc-countIndicator	string1	Indicator of whether this account has a high activity level in terms of trades or other transactions.	
83	PrimaryOwnerOr-organizationIdentifier	string50	For firm accounts, the identifier for the organization that owns the account.	
84	PaymentBasis	string1	Indicator of how the customer compensates the client for its services.	F: Fee only C: Commission only B: Fee and commission
85	CashReportEx-emptionIndicator	string1	Indicator of whether this account has an exemption from filing Cash Transaction Reports (CTRs).	
86	AccountEffecti-veRiskFactor	string50	Property or association of the account driving the account effective risk.	
87	CustomerRisk-WatchListIdentifier	string3	Unique identifier that describes a source of Watch List data associated with the primary customer on this account.	

Table 3: Account Element

SI No	Attribute	Data Type	Definition	Instruction
88	ServiceTeamIdentifier	string50	Identifier of the service team that is responsible for servicing this account.	
89	FeeSchedule	string2	For fee-based accounts, period for which the fee applies.	D: Daily W: Weekly B: Bi-Weekly (every two weeks) T: Semi-monthly (two times per month) M: Monthly Q: Quarterly A: Annually S: Semi-annually (two times per year) N: Bi-monthly (every two months)
90	PaymentBasis-StartDate	Date	Date on which the payment basis begins.	
91	RiskTolerance	string6	Degree of risk the customer is willing to take with investments in this account (that is, the customer's ability to handle declines in the net worth of this account).	CON: Conservative CONMOD: Conservatively moderate MOD: Moderate MODAGG: Moderately aggressive AGG: Aggressive
92	PrimaryCustomerAccountPassword	string20	Password associated with the primary customer on this account.	
93	RRSAccounttoPeerGroupIdentifier	string50		
94	PortfolioManagerIdentifier	string50	Identifier of the Portfolio Manager who is responsible for managing the assets in this account.	

Table 3: Account Element

SI No	Attribute	Data Type	Definition	Instruction
95	HighProfileAc-countIndicator	string1	Indicator of whether this account is a <i>high profile</i> or preferred account that prove to be a conflict of interest while managing the assets of portfolio of accounts.	
96	ProductIdentifier	string50	Identifier of the client's product that is associated with this account.	
97	SourceofInitial-Funds	string30	Source from where the initial funds will come as stated by the customer for this account (For example salary, lottery, and so on.)	
98	MethodofInitial-Funds	string80	Type of payment made by the customer to supply initial funds for this account (For example, cash, check, wire transfer, and so on).	
99	MethodofAc-countOpeninig	string20	Means by which the customer uses to open this account (For example, Internet, in person, via a third party, and so on.)	
100	Swift	string11	SWIFT code	
101	NonBankingInsti-tution	string1	Is this a non banking institution	
102	Iban	string34	IBAN number	
103	ClientNumber	string30	Client Number	
104	Beneficiary	string50	Beneficiary details	
105	Signatory	Customer	Signatory Details	
106	BeneficiaryCom-ment	string255	Beneficiary comments	

Table 3: Account Element

SI No	Attribute	Data Type	Definition	Instruction
107	DeclineCode	string1	Decline Code	
108	AdditionalInfo	string254	Additional information	
109	OtherBusinessRelation	string255	Other business relationship	

Table 4 details the account address expected from ECM source System.

Table 4: AccountAddress Element

SI No	Attribute	Data Type	Definitin	Instruction
1	AccountIdentifier type	string50	Identifier of the account for which this is an address.	
2	AddressRecord-Number type	Integer3	Because an account can have more than one address, it is necessary to distinguish between the addresses for the same address. This field is a number that in combination with the account identifier uniquely identifies this address.	
3	SubmissionDate type	Date	Business date for which the data record is provided.	
4	RRSAccountAddressIdentifier type	Integer22	Identifier for this account address.	
5	AddressPurpose type	string20	Identifier of the purpose, or usage, of this address relative to this account (for example, Mailing Address or Business Address).	M: Mailing B: Business L: Legal A: Alternate (For example, vacation home) O: Other

Table 4: AccountAddress Element

SI No	Attribute	Data Type	Definitin	Instruction
6	City type	string50	City component of this address.	
7	State type	string20	State or province component of this address.	
8	PostalCode type	string20	Postal code component of this address.	
9	Country type	string3	Country code of this address.	ISO 3166: Alpha country code
10	StreetLine1 type	string60	First line of the street component of this address.	
11	StreetLine2 type	string60	Second line of the street component of this address.	
12	StreetLine3 type	string60	Third line of the street component of this address.	
13	StreetLine4 type	string60	Fourth line of the street component of this address.	
14	StreetLine5 type	string60	Fifth line of the street component of this address.	
15	StreetLine6 type	string60	Sixth line of the street component of this address.	
16	Region type	string35	Region or province component of this address.	
17	SourceSystem type	string3	Source system from which this data content is extracted.	
18	ProcessingBatch type	string20	Ingestion batch in which this data record was processed.	

Table 5 details the account address expected from ECM source System.

Table 5: AccountAddress Elements

Sl.No	Attribute	Data Type	Definition	Instruction
1	AccountIdentifier	string50	Account identifier for which this is a phone number.	
2	PhoneRecord-Number	Integer3	Because an account can have more than one phone number, it is necessary to distinguish between the phone numbers for the same account. This field is a number that in combination with the account identifier uniquely identifies this phone number.	
3	RRSAccount-PhoneIdentifier	Integer22	OFSRR-specific identifier for this account phone number.	
4	PhonePurpose	string1	Purpose, or usage, of this phone number relative to this account.	H: Home B: Business C: Mobile P: Pager F: Fax O: Other
5	PhoneNumber	string25	Phone number for this account.	
6	PhoneExtension	string5	Phone number extension if required when using this phone number.	
7	SourceSystem	string3	Source system from which this data content is extracted.	
8	ProcessingBatch	string20	Ingestion batch in which this data record was last processed.	
9	SubmissionDate	Date	Business date for which this data record is created.	

Table 6 details the account email address expected from ECM source System.

Table 6: AccountEmailAddress Elements

1	AccountIdentifier	string50	Identifier of the account for which this is an e-mail address.	

Table 6: AccountEmailAddress Elements (Continued)

2	E-mailRecord-Number	Integer3	Because there is potentially more than one e-mail address for an account, it is necessary to distinguish between the e-mail addresses for the same account. This field is a number that in combination with the account identifier uniquely identifies this e-mail address.	
3	RRSAccountE-mailIdentifier	Integer22	OFSRR specific identifier for this account e-mail address	
4	E-mailAddress	string120	E-mail address for this account.	
5	SourceSystem	string3	Source system from which this data content has been extracted.	
6	ProcessingBatch	string20	Identifier of the ingestion batch in which OFSRR processed this data record.	
7	SubmissionDate	Date	Business date for which the data record is provided to OFSRR.	

Table 7 details the customer details expected from ECM source System.

Table 7: Customer Element

Sl. No	Attribute	Data Type	Definition	Instruction
1	CustomerIdentifier	string50	Identifier for a specific customer that is unique across the enterprise.	
2	SubmissionDate	Date	Business date for which the data record is provided to OFSRR.	
3	RRSCustomer-Identifier	Integer22	OFSRR-specific identifier for this customer.	
4	FinancialProfile-LastUpdateDate	Date	Date on which this customer's financial profile was last updated.	
5	CustomerType-Code	string10	Indicator of whether this customer is an individual or organization.	IND: Individual FIN: Financial institution ORG: Other organization

Table 7: Customer Element

Sl. No	Attribute	Data Type	Definition	Instruction
6	Custom-erAddDate	Date	Date this customer was added to the source system.	
7	TaxIdentifier	string20	Customer's tax identification number.	
8	TaxIdentifierFormat	string1	Indicator of whether the customer tax identifier is a Social Security Number (SSN) or another type of identifier.	S: Social security number T: Tax identifier
9	StatedAnnualIncome-Base	decimal20	Customer's self-reported annual income, expressed in base currency.	
10	StatedNetWorth-Base	decimal20	Customer's self-reported net worth, expressed in base currency.	
11	StatedLiquidNetWorth-Base	decimal20	Customer's self-reported liquid assets, expressed in base currency.	
12	EquityKnowledge	string10	Customer's self-reported knowledge of investing in equities.	E: Extensive G: Good L: Limited N: Not provided
13	FixedIncome-Knowledge	string10	Customer's self-reported knowledge of investing in fixed income securities.	E: Extensive G: Good L: Limited N: Not provided
14	OptionKnowledge	string10	Customer's self-reported knowledge of investing in options.	E: Extensive G: Good L: Limited N: Not provided
15	OverallKnowledge	string10	Customer's self-reported overall knowledge of investing.	E: Extensive G: Good L: Limited N: Not provided

Table 7: Customer Element

Sl. No	Attribute	Data Type	Definition	Instruction
16	OverallExperience	string10	Customer's self-reported level of overall investing experience.	E: Extensive G: Good L: Limited N: Not provided
17	YearsofEquityEx- perience	Integer2	Customer's self-reported years of investing experience in equities.	
18	YearsofFixedInco- meExperience	Integer2	Customer's self-reported years of investing experience in fixed income securities.	
19	YearsofOptions- Experience	Integer2	Customer's self-reported years of investing experience in options.	
20	AnnualEquity- Trades	Integer5	Customer's self-reported number of yearly equity trades.	
21	AnnualFixedIn- comeTrades	Integer5	Customer's self-reported number of yearly fixed income trades.	
22	AnnualOption- Trades	Integer5	Customer's self-reported number of yearly option trades.	
23	AverageEquity- TradeAmount- Base	decimal20	Customer's self-reported expected principal amount for opening trades in equity securities expressed in base currency.	
24	AverageFixedIn- comeTradeA- mount-Base	decimal20	Customer's self-reported expected principal amount for opening trades in fixed income securities expressed in base currency.	
25	AverageOption- TradeAmount- Base	decimal20	Customer's self-reported expected principal amount for opening trades in option securities expressed in base currency.	
26	FirstName	string50	First name of this customer.	
27	LastName	string50	Last name of this customer.	

Table 7: Customer Element

Sl. No	Attribute	Data Type	Definition	Instruction
28	MiddleName	string50	Middle name of this customer.	
29	NameSuffix	string30	Middle name of this customer.	
30	Title	string25	Title, if any, that is used before this customer's name (for example, Mr., Mrs., or Dr.).	
31	Form_407_fl	string2		
32	DateOfBirth	Date	Date on which this customer was born.	
33	PrimaryCitizenship	string3	Customer's primary country of citizenship.	
34	SecondaryCitizenship	string3	Customer's secondary country of citizenship.	
35	ResidentCountry	string3	Customer's country of residence (that is, the country component of the address of the residence associated with this customer).	ISO 3166: Alpha country code
36	EmployerName	string50	Name of this customer's employer.	
37	FinancialInstitutionEmployeeIndicator	string1	Indicator of whether this customer has provided notification of employment by a financial institution.	
38	EmploymentStatus	string10	Employment status of this customer (for example, student, employed, or retired).	EMP: Employed SE: Self-employed UE: Unemployed RET: Retired HM: Homemaker STU: Student MW: Minor/Ward

Table 7: Customer Element

Sl. No	Attribute	Data Type	Definition	Instruction
39	MaritalStatus	string10	Marital status of this customer.	S: Single M: Married D: Divorced W: Widowed U: Unknown
40	NumberOfDependents	Integer3	Number of dependents claimed by this customer.	
41	Occupation	string30	Occupation of this customer.	
42	Organization-Name	string60	For organizational customers, the name of the organization.	
43	Age	Integer3	Customer's age in years.	
44	HouseHoldCustomerGroupID	string50		
45	CitizenshipStatus	string3	Primary citizenship status of this customer.	
46	WealthSource	string50	Customer's self-reported source of wealth.	
47	EmployeeIndicator	string1	Indicator of whether this customer is also an employee of the client.	
48	SourceSystem	string3	Source system from which this data content is extracted.	
49	OrganizationLegalStructure	string3	Organizational customer's legal structure.	
50	PasswordLast-ChangeDate	Date	Date on which any of this customer's passwords were last changed.	
51	Alias	string50	Alias name for this customer.	
52	ForeignAsset-Indicator	string1	Indicator of whether this customer has assets outside the country.	
53	DisplayName	string200	Name to be displayed for this customer.	

Table 7: Customer Element

Sl. No	Attribute	Data Type	Definition	Instruction
54	EmployerIndustry	string5	Industry in which this customer is employed.	
55	JobTitle	string60	Customer's job title.	
56	CustomDate1	Date	Date field that is available for use at the client's discretion.	
57	CustomDate2	Date	Date field that is available for use at the client's discretion.	
58	CustomDate3	Date	Date field that is available for use at the client's discretion.	
59	CustomReal1	decimal20	Number field that is available for use at the client's discretion.	
60	CustomReal2	decimal20	Number field that is available for use at the client's discretion.	
61	CustomReal3	decimal20	Number field that is available for use at the client's discretion.	
62	CustomText1	string255	Text field that is available for use at the client's discretion.	
63	CustomText2	string255	Text field that is available for use at the client's discretion.	
64	CustomText3	string255	Text field that is available for use at the client's discretion.	
65	TotalNumberOfAccounts	Integer7	Total number of accounts held by this customer at the client.	
66	CustomerEffectiveRisk	Integer3	Level of risk associated with this customer as determined in large part by membership on one or more Watch Lists.	
67	CustomText4	string255	Text field that is available for use at the client's discretion.	
68	CustomText5	string255	Text field that is available for use at the client's discretion.	

Table 7: Customer Element

Sl. No	Attribute	Data Type	Definition	Instruction
69	FinancialInstitutionIdentifierType	string20	For correspondent customers, the type of reference identifier (for example, BIC) used as Financial Institution Identifier.	FED: Federal reserve routing (ABA) number BIC: SWIFT Bank Identifier Code (BIC) CHU: CHIPS participant user identifier CHP: CHIPS participant identifier CDL: Cedel identifier EPN: Euroclear Participant Number DTC: Depository Trust Corporation Number KID: Kasseverein Identifier BLZ: German bankleitzahl IBAN: International Bank Account Number ABLZ: Austrian Bankleitzahl BCHH: Bank Code of Hong Kong BSB: Australian Bank State Branch Code CPAP: Canadian Payments Assn Payment Routing Number HEBIC: Hellenic Bank Identification Code IDIC: Italian Domestic Identification Code IFSC: Indian Financial System Code NSC: Irish National Clearing Code PNCC: Portuguese National Clearing Code RCBIC: Russian Central Bank Identification Code SDIC: Spanish Domestic Interbanking Code Swiss BC: Swiss Clearing Code (BC) Swiss SIC: Swiss Clearing Code (SIC) UKDSC: UK Domestic Sort Code

Table 7: Customer Element

Sl. No	Attribute	Data Type	Definition	Instruction
70	FinancialInstitutionIdentifier	string50	For correspondent customers, a reference identifier for the financial institution.	
71	RRSFinancialInstitutionIdentifier	Integer22	For correspondent customers, a identifier for the financial institution.	
72	WatchListRisk	Integer3	Identifier of the level of risk associated with a customer determined by membership on one or more Watch Lists.	
73	WatchListIdentifier	string3	Watch List source that was used to populate the Watch List entry.	
74	WatchListMatch-Text	string2000	Text of the identifier or name associated with the Watch List record that was used to populate Watch List Risk for this customer.	
75	WatchListMatch-Type	string3	Type of entity in the Watch List Match Text.	
76	Cust_bus_risk_nb	Integer3	Level of risk associated with the general business characteristics of this	0-10: Increasing levels of risk
77	GeographyRisk	Integer3	Identifier of the level of risk associated with the geographic characteristics of this customer	0-10: Increasing levels of risk
78	CustomRisk1	Integer3	Identifier of an arbitrary risk associated with this customer as determined by the client, which is used solely for alert analysis.	0-10: Increasing levels of risk
79	CustomRisk2	Integer3	Arbitrary risk associated with this customer as determined by the client, which is used solely for alert analysis.	0-10: Increasing levels of risk
80	DomiciledOrganization	string50	Identifier of the organization where this customer is domiciled.	

Table 7: Customer Element

Sl. No	Attribute	Data Type	Definition	Instruction
81	DayTrading-Knowledge	string10	Customer's self-reported knowledge of day trading.	E: Extensive G: Good L: Limited N: Not provided
82	DayTradingExperience	string10	Customer's self-reported level of day trading experience.	E: Extensive G: Good L: Limited N: Not provided
83	StatedAnnualIncome-Reporting	decimal20	Customer's self-reported annual income, expressed in reporting currency.	
84	StatedNetWorth-Reporting	decimal20	Customer's self-reported net worth, expressed in reporting currency.	
85	StatedLiquidNetWorth-Reporting	decimal20	Customer's self-reported liquid assets, expressed in reporting currency.	
86	ProcessingBatch	string20	Ingestion batch in which this data record is processed	
87	Jurisdiction	string4	Jurisdiction associated with this customer.	
88	BusinessDomain	string65	Customer's business domain(s) (for example, institutional brokerage or retail brokerage)	
89	ReportingCurrency	string3	Currency in which account statements for this customer are denominated.	ISO 4217: Alpha currency code
90	RRSCustomer-BusinessType	string3	Functional area in which this customer does business.	RBR: Retail Brokerage/ Private Client IBR: Institutional Brokerage SNT: Market Making/ Institutional Sales And Trading RBK: Retail Banking CBK: Wholesale/ Correspondent Banking PRP: Proprietary

Table 7: Customer Element

Sl. No	Attribute	Data Type	Definition	Instruction
91	CustomerEffectiveRiskFactor	string50	Property or association of the customer driving the Customer Effective Risk.	
92	CreditRating	string20	Rating for this customer based on credit rating source.	
93	CreditRating-Source	string40	Source associated with the credit rating assigned to this customer.	
94	CreditRatingScore	Integer10	Actual score for this customer's credit rating based on credit rating source.	
95	CustomerPeer-GroupIdentifier	string50	Customer peer group of which this customer is a member.	
96	CountryofTaxation	string3	Country code where this customer pays primary taxes.	
97	Industry	string5	For a legal entity, the primary industry it serves.	
98	DateofIncorporation	Date	For a legal entity, date the entity was incorporated.	
99	RegistrationType	string20	Form of legal ownership for this legal entity (For example, joint tenant, individual, custodial, or corporate).	
100	PublicorPrivate	string3	For a legal entity, identifies whether it is publicly or privately held.	
101	AlternateCustomerIdentifier	string50	Alternative identifier for this customer that is not necessarily unique across the enterprise.	
102	CustomerStatus	string1	Indicates the current status of this customer.	A: Active P: Pending I: Inactive N: Not a customer
103	Birthplace	string255	Place of birth	
104	Role	string15	Role of customer in the transaction, like Originator	

Table 7: Customer Element

Sl. No	Attribute	Data Type	Definition	Instruction
105	MotherMaiden-Name	NameType	Mother's maiden name	
106	AgentOrRepresentativeName	NameType	Agent or representatives name	
107	VisaDetails-Number	string100	Visa number	
108	VisaDetails-Start-Date	Date	Visa issued date	
109	VisaDetails-End-Date	Date	Visa expiry date	
110	MigrationCardDetails-Number	string32	Details of the migration card	
111	MigrationCardDetails-StartDate	Date	Migration card issue date	
112	MigrationCardDetails-EndDate	Date	Migration card expiry date	
113	OKPOCode	string10	OKPO code	
114	INN	string12	INN number	
115	PlaceOfOrgCode	string5	Code of place of origination	
116	OtherPrevious-Name1	NameType	Other previous name	
117	OtherPrevious-Name2	NameType	Other previous name	
118	OtherPrevious-Name3	NameType	Other previous name	
119	Admission_Confession	string1	Flag to check if there was any confession/admission	
120	InsiderRelationship	string1	Is this a insider relationship	

Table 7: Customer Element

Sl. No	Attribute	Data Type	Definition	Instruction
121	EmploymentStatusCode	string2	Employment status of this customer (for example, student, employed, or retired).	EMP: Employed SE: Self-employed UE: Unemployed RET: Retired HM: Homemaker STU: Student MW: Minor/Ward
122	Suspension_Termination_ResignationDate	Date	Date in case of resignation/suspension	
123	RelationshipWithFinancialInstitutionCode	string100	Relationship with financial institution	
124	OtherRelationship	string100	Other relationship with the financial institution	
125	MultipleSuspects	string1	Flag to check if there are multiple suspects involved	
126	OtherFacilitiesWithBank	string20	Other facilities with the bank	
127	SpouseName	NameType	Spouse name	
128	SpouseID	IDType	Spouse ID	
129	OccupationDescription	string60	Description of the occupation	
130	OtherEmployment	string60	Other employment	
131	Business_EmploymentType-Code	string2	Code of the business employment	
132	Gender	string10	Gender	
133	ID	IDType	ID details	
134	PrimeSuspect	string1	Is it the prime suspect	

Table 7: Customer Element

Sl. No	Attribute	Data Type	Definition	Instruction
135	LastUpdatedDate	Date	Last updated date	
136	CorporationNumber	string50	Corporation number	
137	Url	string255	Business URL	
138	IncorporationState	string255	Incorporation state	
139	IncorporationCountryCode	string25	Incorporation country code	
140	DirectorName	string255	Director name in case of corporation	

Table 8 details the customer address details expected from ECM source System.

Table 8: CustomerAddress Element

Sl.No	Attribute	Data Type	Definition	Instruction
1	CustomerIdentifier	string50	Identifier of the customer for which this is an address.	
2	AddressRecordNumber	Integer3	Because a customer can have more than one address, it is necessary to distinguish between the addresses for the same customer. This field is a number that, in combination with the customer identifier, uniquely identifies this address.	
3	SubmissionDate	Date	Business date for which the data record is provided.	

Table 8: CustomerAddress Element (Continued)

Sl.No	Attribute	Data Type	Definition	Instruction
4	RRSCustomerAddressIdentifier	Integer22	Identifier for this customer address.	
5	AddressPurpose	string1	Purpose, or usage, of this address relative to this customer (for example, Mailing Address or Business Address).	M: Mailing B: Business L: Legal A: Alternate (For example, vacation home) O: Other
6	City	string50	City component of this address.	
7	State	string20	State or province component of this address.	
8	PostalCode	string20	Postal code component of this address.	
9	Country	string3	Country code of this address.	ISO 3166: Alpha country code
10	StreetLine1	string60	First line of the street component of this address.	
11	StreetLine2	string60	Second line of the street component of this address.	
12	StreetLine3	string60	Third line of the street component of this address.	
13	StreetLine4	string60	Fourth line of the street component of this address.	
14	StreetLine5	string60	Fifth line of the street component of this address.	
15	StreetLine6	string60	Sixth line of the street component of this address.	
16	Region	string35	Region or province component of this address.	

Table 8: CustomerAddress Element (Continued)

Sl.No	Attribute	Data Type	Definition	Instruction
17	SourceSystem	string3	Source system from which this data content is extracted.	
18	ProcessingBatch	string20	Ingestion batch in which this data record is processed.	

Table 9 details the customer email address details expected from ECM source System.

Table 9: CustomerEmailAddress Element

Sl.No	Attribute	Data Type	Definition	Instruction
1	Customer-Identifier	string50	Customer identifier for which this is an e-mail address.	
2	E-MailRecord-Number	Integer20	Because a customer can have more than one e-mail address, it is necessary to distinguish between the e-mail addresses for the same customer. This field is a number that, in combination with the customer identifier, uniquely identifies this e-mail address.	
3	E-MailAddress	string120	E-mail address for this customer.	
4	SourceSystem	string3	Source system from which this data content is extracted.	
5	Processing-Batch	string20	Ingestion batch in which this data record is processed	
6	Submission-Date	Date	Business date for which the data record is provided.	

Table 10 details the customer phone details expected from ECM source System.

Table 10: CustomerPhone Element

Sl.No	Attribute	Data Type	Definition	Instruction
1	CustomerIdentifier	string50	Customer identifier for which this is a phone number.	
2	PhoneRecord-Number	Integer3	Number that, in combination with the customer identifier, uniquely identifies this phone number. Because a customer can have more than one phone number, it is necessary to distinguish between the phone numbers for the same customer.	
3	SubmissionDate	Date	Business date for which the data record is provided.	
4	RRSCustomer-PhoneIdentifier	Integer22	identifier for this customer phone number.	
5	PhonePurpose	string1	Purpose, or usage, of this phone number relative to this customer (for example, home, business, or cell).	H: Home B: Business C: Mobile P: Pager F: Fax O: Other
6	PhoneNumber	string25	Phone number for this customer.	
7	PhoneExtension	string5	Phone number extension if required to reach this customer when using this phone number.	
8	SourceSystem	string3	Source system from which this data content is extracted.	

Table 11 details the customer transaction details expected from ECM source System.

Table 11: CashTransaction Element

SI No	Attribute	Data Type	Definition	Instruction
1	RRSCashTransactionIdentifier	Integer22	Identifier for the front office transaction data record.	
2	AccountIdentifier	string50	Principal account at the client in which this transaction was conducted.	
3	BankcardIdentifier	Integer20	Identifier of the bankcard utilized in this transaction.	
4	BranchIdentifier	string50	Identifier of the branch of the financial institution where this transaction occurred.	
5	CanceledPairingTransactionIdentifier	string50	For canceled transactions, contains the transaction reference identifier of the canceling transaction. For canceling transactions, this field will store the transaction reference identifier of the canceled transaction.	
6	ChannelIdentifier	string20	Identifier of the channel of the financial institution through which this transaction was conducted (for example, ATM or teller).	

Table 11: CashTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
7	ChannelRisk	Integer3	Level of risk associated with the channel through which this transaction was conducted.	0-10: Increasing levels of risk
8	ConductorAccount	string50	Account that belongs to the conductor (Individual) on this transaction.	
9	ConductorActivityRisk	Integer3	Level of risk associated with the activity for this transaction from the viewpoint of the conductor, based on the channel risk and product risk.	(-2): Trusted to a level of exclusion from monitoring (-1): Trusted to a level of reduced monitoring 0: Neither trusted or risky 1-10: Increasing levels of risk
10	ConductorDerivedEntityIdentifier	Integer22	Identifier for the derived entity acting as conductor (Individual) on this transaction.	
11	ConductorEntityRisk	Integer3	Level of risk associated with the entity that is the conductor on this transaction, based on the effective risk of the entity, the name, and the address.	(-2): Trusted to a level of exclusion from monitoring (-1): Trusted to a level of reduced monitoring 0: Neither trusted or risky 1-10: Increasing levels of risk
12	ConductorEntityRiskFactor	string50	Property or association of the conductor driving the entity risk.	

Table 11: CashTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
13	ConductorIdentifierType	string20	Type of ID represented in conductor (Individual) account field.	CC: Credit Card CO: Corporate Identifier DL: Driver License GM: Government/Military Identifier GP: Gun Permit Identifier LE: Law Enforcement Identifier MC: Medicare Card Number ND: Non-Driver Identifier Card NR: Non-Resident Alien Identifier PP: Passport Identifier SS: Social Security Number TX: Tax Identifier Number AR: Alien Registration Number IA: Internal Account Identifier CBI: Central Bank Identifier CSN: Central Clearing Corporation Number BLZ: German Bankleitzahl IBAN: International Bank Account Number ABLZ: Austrian Bankleitzahl BCHH: Bank Code of Hong Kong BSB: Australian Bank State Branch Code CPAP: Canadian Payments Assn Payment Routing Number HEBIC: Hellenic Bank Identification Code IDIC: Italian Domestic Identification Code IFSC: Indian Financial System Code NSC: Irish National Clearing Code PNCC: Portuguese National Clearing Code RCBIC: Russian Central Bank Identification Code SDIC: Spanish Domestic Interbanking Code Swiss BC: Swiss Clearing Code (BC) Swiss SIC: Swiss Clearing Code (SIC) UKDSC: UK Domestic Sort Code OTF: Other Financial Institution Identifier OT: Other, Not Financial

Table 11: CashTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
14	Conductor-Name	string350	Name of the party acting as conductor (Individual) on the transaction.	
15	Conductor-Name-Normalized	string350	Normalized name of the conductor (Individual). Standardized version of the name to reduce data entry inconsistencies.	
16	Conductor-WatchListIdentifier	string3	Unique identifier that describes a source of Watch List data.	
17	Conductor-WatchList-MatchText	string2000	Text of the identifier or name associated with the Watch List record that was used to populate entity risk.	
18	CurrencyActivityCode	string3	Currency in which transaction activity amount is denominated.	
19	DebitorCreditIdentifier	string20	Indicator of whether assets are being transferred into (credit) or out of (debit) this account by this transaction.	C: Credit D: Debit CR: Credit DR: Debit
20	ExecutionDate	Date	Date on which this transaction was conducted.	
21	ExecutionDate-UTC	Date	Date in UTC on which this transaction was conducted.	
22	ExecutionTime	string9	Time at which this transaction was conducted.	

Table 11: CashTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
23	Execution-Time-UTC	string9	Time in UTC at which this transaction was conducted.	
24	ExecutionTimeOffset	string6	Number of hours offset from local to UTC for execution time.	
25	FixingDate	Date	For a floating payment, the date upon which the rate to be paid is fixed. Typically, this occurs two days prior to the payment date.	
26	LocationIdentifier	string50	Identifier for the location where this transaction was conducted (for example, ATM terminal identifier).	
27	LocationIdentifierType	string20	Type of identifier specified in location identifier.	
28	LocationName	string350	Name of the location where this transaction was conducted (for example, merchant name).	
29	RRSLocation-AddressIdentifier	Integer22	Identifier for the address of the location where this transaction occurred.	

Table 11: CashTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
30	RRSTransactionAdjustment-Code	string20	Code that identifies the adjustment of a prior transaction.	ADJ-CORR: Adjustment or Correction Transaction REV: Reversal Transaction DISHON-CHECK-IN: Dishonored Check Transaction DISHON-CHECK-OUT: Dishonored Check Transaction STOP-PMT: Stop Check Payment Transaction CANCEL: Canceled or Canceling Transaction
31	RRSTransactionAssetClass-Code	string20	Code that identifies the type of asset involved in the transaction.	FUNDS: Transaction transfers funds SECURITIES: Transaction transfers securities COMMODITIES: Transaction transfers a tangible good or asset that can be deposited PROPERTY: Transaction transfers property
32	RRSTransactionChannel-Code	string20	Code that identifies the type of channel used.	ATM: Conducted via an automated teller machine BRANCH-TELLER: Conducted via a branch teller DEBIT-TERMINAL: Conducted via a debit terminal ON-LINE: Conducted via the internet RETAIL-OUTLET: Conducted via a retail outlet MAIL: Mail TELEPHONE: Conducted via a telephone INTERNAL-SYSTEM: Conducted via a system of the Firm OTHER-ANONYMOUS: Conducted via another anonymous channel OTHER-NON-ANONYMOUS: Conducted via another non-anonymous channel MOBILE-PDA: Conducted through mobile phone or PDA device.
33	RRSTransactionChannel-Detail1	string250	Detail regarding the channel used to initiate this transaction.	

Table 11: CashTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
34	RRSTransactionChannel-Detail2	string250	Detail regarding the channel used to initiate this transaction.	
35	RRSTransactionChannel-Detail3	string250	Detail regarding the channel used to initiate this transaction.	
36	RRSTransactionChannel-Detail4	string250	Detail regarding the channel used to initiate this transaction.	
37	RRSTransactionChannel-Detail5	string250	Detail regarding the channel used to initiate this transaction.	
38	RRSTransactionChannel-Detail6	string250	Detail regarding the channel used to initiate this transaction.	
39	RRSTransactionChannel-Detail7	string250	Detail regarding the channel used to initiate this transaction.	
40	RRSTransactionChannel-Detail8	string250	Detail regarding the channel used to initiate this transaction.	
41	RRSTransactionChannel-Detail9	string250	Detail regarding the channel used to initiate this transaction.	
42	RRSTransactionChannel-Detail10	string250	Detail regarding the channel used to initiate this transaction.	
43	RRSTransactionChannel-GeoLocation	string80	Geo location associated with the transaction channel used to initiate this transaction	

Table 11: CashTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
44	RRSTransactionChannelLocationAddress	string350	Location address associated with the transaction channel used to initiate this transaction	
45	RRSTransactionChannelLocationID	string50	Location identifier associated with the transaction channel used to initiate this transaction	
46	RRSTransactionChannelLocationName	string350	Location name associated with the transaction channel used to initiate this transaction	
47	RRSTransactionChannelLocationType	string20	Client specified location type associated with the transaction channel used to initiate this event	
48	RRSTransactionChannelRisk	Integer3	Client-specified level of risk associated with the transaction cChannel through which this transaction was initiated.	

Table 11: CashTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
49	RRSTransactionProduct-Subtype	string30	Allows for specification of transaction product subtypes associated with the provided transaction product types.	<p>ARC: Converted checks received via the US mail or at a dropbox location</p> <p>BOC: Converted checks received by merchant at the point-of-purchase or at manned bill payment locations, and processed during back office operations</p> <p>CBR: Cross border entry to business account</p> <p>CCD: Transfer of funds between business accounts or to consolidate funds from several accounts of the same business</p> <p>CIE: Credit entry initiated by an individual (usually through a bill payment service) used to pay some sort of obligation</p> <p>CTX: Payment or collection of obligations between separate businesses</p> <p>DNE: Notice initiated by an agency of the federal government to advise an RDFI of the death of an individual (Includes addenda record with details)</p> <p>ENR: Entry submitted by Financial Institution to enroll member in direct deposit of Federal government benefit payment</p> <p>IAT: ACH entry involving a financial agency's office that is not located within the territorial jurisdiction of the United States. MTE: The ACH Network supports the clearing of transactions from automated teller machines, that is Machine Transfer Entries (MTE)</p> <p>PBR: Cross border entry to consumer account</p> <p>POP: Converted checks received by merchant at the point-of-sale</p> <p>POS: Entry initiated by individual at a merchant location using a merchant issued card for payment of goods or services</p> <p>PPD: Recurring entry for direct deposit of payroll, pension, and so on., or for direct payment of recurring bills such as utilities, loans, insurance, and so on.</p> <p>RCK: Merchant collection of checks that had been returned as NSF or Uncollected Funds</p> <p>SHR: Represent point of sale debit applications in a shared (SHR) environment (versus a non-shared (POS) environment)</p> <p>TEL: Entry submitted pursuant to an oral authorization obtained solely via the telephone</p>

Table 11: CashTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
50	RRSTransactionProductType	string30	Identifier of the financial product involved in this transaction.	AUTO-BILL-PAY: Automatic Bill Payment DEBIT-CARD: Debit Card SVC: Stored Value Card CASH-EQ-CASHIER-CHECK: Cashier's Check CASH-EQ-CERT-CHECK: Certified Check CASH-EQ-MONEY-ORDER: Money Order CASH-EQ-TRAVELER-SCHECK: Traveler's Check CASH-EQ-OTHER: Other Cash Equivalent Product CASH-LETTER: Cash Letter CHECK: Personal Or Business Check CHECK-ACH: Check via Automated Clearing House CREDIT-CARD: Credit Card CURRENCY: Currency EFT-ACH: Electronic Funds Transfer via Automated Clearing House EFT-TREASURY: Electronic Funds Transfer via Treasury EFT-FEDWIRE: Electronic Funds Transfer via Fedwire EFT-SWIFT: Electronic Funds Transfer via SWIFT EFT-OTHER: Electronic Funds Transfer via Other Mechanism EST: Electronic Security Transfer PAPER-OTHER: Other Paper Products PAYROLL-DEDUCTION: Payroll Deduction PHYS: Physical Delivery/ Receipt of Securities

Table 11: CashTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
51	RRSTransactionPurposeCode	string20	Code that identifies the purpose of the transaction.	DIST: Distribution Transaction (For example, IRA) DIV: Dividend Transaction FEE-IA: Investment Advisor Fee Transaction FEE-OTHER: Non- Investment Advisor Fee Transaction INT: Interest Transaction TOA: Transfer-Of-Account Transaction GENERAL: Transaction whose purpose does not align with the other purpose codes
52	PaymentInterestRate	decimal20	Interest rate paid on this transaction. This transaction must be associated with a swap.	
53	PaymentInterestRateType	string3	Type of interest rate paid on this transaction (for example, fixed or floating). This transaction must be associated with a swap.	FIX: Fixed Interest Rate FLT: Floating Interest Rate (that is, Libor)
54	ProductCategory	string4	Identifier of the highest and most general classification for the security associated with this transaction.	EQT: Equity FI: Fixed Income OPT: Option FUT: Future FX: Foreign Exchange MF: Mutual Fund COM: Commodity ETF: Exchange Traded Fund MM: Money Market PRE: Preferred CONV: Convertible SWAP: Swap OTH: Other

Table 11: CashTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
55	ProductRisk	Integer3	Identifier of the level of risk associated with the client's product that was involved in this transaction.	0-10: Increasing levels of risk
56	ProductSub-type	string20	Identifier of the client-specified sub-type classification for the security associated with this transaction.	
57	ProductType	string20	Identifier of the client-specified type within the high-level product category for the security associated with this transaction.	
58	RebookedTransactionIdentifier	string50	For rebooking transactions, contains the transaction reference identifier of the original transaction that is being corrected.	
59	RestrictedSecurityIndicator	string1	Indicator of whether the security involved in this transaction is under trading restrictions.	
60	SecurityIdentifier	string50	Identifier of the security involved in this transaction.	
61	Structured-DealIdentifier	string50	Identifier of the swap with which this transaction is associated.	

Table 11: CashTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
62	TransactionActivityRisk	Integer3	Level of risk associated with the activity for this transaction, based on geography risk, channel risk, product risk, and effective risk of the account.	(-2): Trusted to a level of exclusion from monitoring (-1): Trusted to a level of reduced monitoring 0: Neither trusted or risky 1-10: Increasing levels of risk
63	Transaction-Amount-Activity	decimal20	Monetary value in activity currency of the funds transferred via this transaction denominated in the local currency in which this transaction was conducted.	
64	Transaction-Amount-Base	decimal20	Monetary value in base currency of the funds transferred via this transaction denominated in the base currency for this installation.	
65	TransactionDescription	string255	Textual description of this transaction (for example, ATM identification string).	
66	TransactionEntityRisk	Integer3	Level of risk associated with entity or entities on this transaction, based on the effective risk of the entity, the name, and the address.	(-2): Trusted to a level of exclusion from monitoring (-1): Trusted to a level of reduced monitoring 0: Neither trusted or risky 1-10: Increasing levels of risk
67	TransactionEntityRiskFactor	string50	Property or association of the entity driving the entity risk.	

Table 11: CashTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
68	TransactionEntrySystemLogonIdentifier	string50	System logon used by the individual at the client who entered this transaction. If this transaction is entered through an automated channel, this field contains the system logon associated with that channel.	
69	TransactionEntryUserIdentifier	string50	Individual at the client who entered this transaction. This field should not have a value if the transaction was performed through an automated channel or if it was not originated at the client.	
70	Transaction-ReferencelIdentifier	string50	Identifier client that uniquely identifies this transaction throughout the enterprise.	
71	Transaction-Type1	string20	Customer-provided code that represents the transaction type. This is generally the highest categorization level.	
72	Transaction-Type2	string20	Customer-provided code that represents the transaction type. This is generally the second highest categorization level.	

Table 11: CashTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
73	Transaction-Type3	string20	Customer-provided code that represents the transaction type. This is generally the third highest categorization level.	
74	Transaction-Type4	string20	Customer-provided code that represents the transaction type. This is generally the fourth highest categorization level.	
75	Transaction-WatchListIdentifier	string3	Unique identifier that describes a source of Watch List data.	
76	Transaction-WatchList-MatchText	string2000	Text of the identifier or name associated with the Watch List record that was used to populate entity risk.	
77	UnitQuantity	decimal20	Total number of units (for example, shares or contracts) of the specified security being transferred via this transaction.	
78	UnrelatedPartyIndicator	string1	Indicator of whether known relationships exist between internal accounts.	
79	CustomDate1	Date	Date field that is available for use at the client's discretion.	

Table 11: CashTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
80	CustomDate2	Date	Date field that is available for use at the client's discretion.	
81	CustomDate3	Date	Date field that is available for use at the client's discretion.	
82	CustomReal1	decimal20	Number field that is available for use at the client's discretion.	
83	CustomReal2	decimal20	Number field that is available for use at the client's discretion.	
84	CustomReal3	decimal20	Number field that is available for use at the client's discretion.	
85	CustomText1	string255	Text field that is available for use at the client's discretion.	
86	CustomText2	string255	Text field that is available for use at the client's discretion.	
87	CustomText3	string255	Text field that is available for use at the client's discretion.	
88	CustomText4	string255	Text field that is available for use at the client's discretion.	
89	CustomText5	string255	Text field that is available for use at the client's discretion.	
90	SourceSystem	string3	Source system from which the data is extracted.	

Table 11: CashTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
91	Processing-Batch	string20	Ingestion batch in which this data record is processed.	
92	Submission-Date	Date	Business date for which the data record is provided.	

Table 12 details the monetary instrument transaction details expected from ECM source System.

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
1	RRSMonetary-Instrument-TransactionIdentifier	Integer22	Identifier for this monetary instrument transaction data record	
2	Bank-to-Bank-TransferIndicator	string1	Indicator of whether the transaction is an institution-to-institution transfer.	
3	BankcardIdentifier	Integer20	Identifier of the bankcard utilized in this transaction.	
4	BeneficiaryActivityRisk	Integer3	Level of risk associated with the activity for this transaction from the viewpoint of the beneficiary, based on geography risk, channel risk, product risk, and effective risk of all other parties on the transaction.	<p>(-2): Trusted to a level of exclusion from monitoring</p> <p>(-1): Trusted to a level of reduced monitoring</p> <p>0: Neither trusted or risky</p> <p>1-10: Increasing levels of risk</p>

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
5	BeneficiaryDerivedEntityIdentifier	Integer22	Identifier for the derived entity acting as beneficiary on this transaction	
6	BeneficiaryEntityRisk	Integer3	Level of risk associated with the entity that is the beneficiary on this transaction, based on the effective risk of the entity, the name, and the address.	(-2): Trusted to a level of exclusion from monitoring (-1): Trusted to a level of reduced monitoring 0: Neither trusted or risky 1-10: Increasing levels of risk
7	BeneficiaryEntityRiskFactor	string50	Property or association of the beneficiary driving the entity risk.	
8	Beneficiary-Identifier	string50	Identifier for the beneficiary's account involved in this transaction.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
9	Beneficiary- IdentifierType	string20	Type of account represented in beneficiary account.	XA: External Account Identifier BIC: SWIFT Bank Identifier Code (BIC) CC: Credit Card CHU: CHIPS Participant User Identifier CO: Corporate Identifier CHP: CHIPS Participant Identifier DL: Driver License FED: Federal Reserve Routing (ABA) Number GM: Government/Military Identifier GP: Gun Permit Identifier LE: Law Enforcement Identifier MC: Medicare Card Number ND: Non-Driver Identifier Card NR: Non-Resident Alien Identifier PP: Passport Identifier SS: Social Security Number TX: Tax Identifier Number AR: Alien Registration Number CU: Customer Identifier GL: General Ledger Account IA: Internal Account Identifier CDL: Cedel Identifier DTC: Depository Trust Corporation Number EPN: Euroclear Participant Number KID: Kasseverein Identifier CBI: Central Bank Identifier CSN: Central Clearing Corporation Number BLZ: German Bankleitzahl IBAN: International Bank Account Number ABLZ: Austrian Bankleitzahl BCHH: Bank Code of Hong Kong BSB: Australian Bank State Branch Code CPAP: Canadian Payments Assn Payment Routing Number HEBIC: Hellenic Bank Identification Code IDIC: Italian Domestic Identification Code IFSC: Indian Financial System Code NSC: Irish National Clearing Code PNCC: Portuguese National Clearing Code RCBIC: Russian Central Bank Identifier Code SDIC: Spanish Domestic Interbanking Code

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
10	BeneficiaryName	string350	Name of the beneficiary.	
11	BeneficiaryName-Normalized	string350	Normalized name of the beneficiary. Standardized version of the name to reduce data entry inconsistencies	
12	Beneficiary-WatchListIdentifier	string3	Unique identifier that describes a source of watch list data.	
13	Beneficiary-WatchList-MatchText	string2000	Text of the identifier or name associated with the watch list record that was used to populate entity risk.	
14	CanceledPairingTransaction-Identifier	string50	For canceled transactions, contains the transaction reference identifier of the canceling transaction. For canceling transactions, this field will store the transaction reference identifier of the canceled transaction.	
15	ChannelCode	string20	Client provided code that identifies the channel of the financial institution through which this transaction was conducted (for example, ATM or teller).	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
16	ChannelRisk	Integer3	Level of risk associated with the channel through which this transaction was conducted.	0-10: Increasing levels of risk
17	ClearInstitution-Name	string350	Name of the clearing institution.	
18	ClearingAmount-Activity	decimal20	Monetary value in activity currency of the clearing transaction.	
19	ClearingCurrencyCode	string3	Three-letter currency code that corresponds to the clearing amount.	ISO 4217: Alpha currency code
20	ClearingInstitutionAccount	string50	Clearing Client institution's account ID.	
21	ClearingInstitutionActivityRisk	Integer3	Level of risk associated with the activity for this transaction from the viewpoint of the clearing institution, based on geography risk, channel risk, product risk, and effective risk of all other parties on the transaction.	(-2): Trusted to a level of exclusion from monitoring (-1): Trusted to a level of reduced monitoring 0: Neither trusted or risky 1-10: Increasing levels of risk
22	ClearingInstitutionEntityRisk	Integer3	Level of risk associated with the entity that is the clearing institution on this transaction, based on the effective risk of the entity, the name, and the address.	(-2): Trusted to a level of exclusion from monitoring (-1): Trusted to a level of reduced monitoring 0: Neither trusted or risky 1-10: Increasing levels of risk

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
23	ClearingInstitutionEntityRisk-Factor	string50	Property or association of the clearing institution driving the entity risk.	
24	ClearingInstitutionFee-Activity	decimal20	Fee amount in activity currency that the clearing institution charged.	
25	ClearingInstitutionIdentifier	string50	Clearing institution ID (such as ABA number or BIC).	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
26	ClearingInstitutionIdentifier-Type	string20	Type of financial institution identifier represented in clearing institution identifier.	XA: External Account Identifier BIC: SWIFT Bank Identifier Code (BIC) CHU: CHIPS Participant User Identifier CO: Corporate Identifier CHP: CHIPS Participant Identifier FED: Federal Reserve Routing (ABA) Number CU: Customer Identifier GL: General Ledger Account IA: Internal Account Identifier CDL: Cedel Identifier DTC: Depository Trust Corporation Number EPN: Euroclear Participant Number KID: Kasseverein Identifier CBI: Central Bank Identifier CSN: Central Clearing Corporation Number BLZ: German Bankleitzahl IBAN: International Bank Account Number ABLZ: Austrian Bankleitzahl BCHH: Bank Code of Hong Kong BSB: Australian Bank State Branch Code CPAP: Canadian Payments Assn Payment Routing Number HEBIC: Hellenic Bank Identification Code IDIC: Italian Domestic Identification Code IFSC: Indian Financial System Code NSC: Irish National Clearing Code PNCC: Portuguese National Clearing Code RCBIC: Russian Central Bank Identification Code SDIC: Spanish Domestic Interbanking Code Swiss BC: Swiss Clearing Code (BC) Swiss SIC: Swiss Clearing Code (SIC) UKDSC: UK Domestic Sort Code OTF: Other Financial Institution Identifier OT: Other, Not Financial Institution

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
27	ClearingInstitutionName-Normalized	string350	Normalized name of the clearing institution. Standardized version of the name to reduce data entry inconsistencies.	
28	ClearingInstitutionRelationshipCode	string1	Identifier of whether the clearing institution on this transaction is the client, one of the client's client banks, or some other financial institution.	F: Party is the Firm C: Party is a correspondent of the Firm O: Party is some other financial institution
29	ClearingInstitutionWatchListIdentifier	string3	Unique identifier that describes a source of watch list data.	
30	ClearingInstitutionWatchListMatchText	string2000	Text of the identifier or name associated with the watch list record that was used to populate entity risk.	
31	ConductorActivityRisk	Integer3	Level of risk associated with the activity for this transaction from the viewpoint of the conductor, based on geography risk, channel risk, product risk, and effective risk of all other parties on the transaction.	(-2): Trusted to a level of exclusion from monitoring (-1): Trusted to a level of reduced monitoring 0: Neither trusted or risky 1-10: Increasing levels of risk

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
32	ConductorEntityRisk	Integer3	Level of risk associated with the entity that is the conductor on this transaction, based on the effective risk of the entity, the name, and the address.	(-2): Trusted to a level of exclusion from monitoring (-1): Trusted to a level of reduced monitoring 0: Neither trusted or risky 1-10: Increasing levels of risk
33	ConductorEntityRiskFactor	string50	Property or association of the conductor driving the entity risk.	
34	ConductorIdentifier	string50	Account belonging to the conductor on this transaction.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
35	ConductorIdentifierType	string20	Type of ID represented in conductor account identifier.	CC: Credit Card CO: Corporate Identifier DL: Driver License GM: Government/Military Identifier GP: Gun Permit Identifier LE: Law Enforcement Identifier MC: Medicare Card Number ND: Non-Driver Identifier Card NR: Non-Resident Alien Identifier PP: Passport Identifier S: Social Security Number TX: Tax Identifier Number AR: Alien Registration Number IA: Internal Account Identifier CBI: Central Bank Identifier CSN: Central Clearing Corporation Number BLZ: German Bankleitzahl IBAN: International Bank Account Number ABLZ: Austrian Bankleitzahl BCHH: Bank Code of Hong Kong BSB: Australian Bank State Branch Code CPAP: Canadian Payments Assn Payment Routing Number HEBIC: Hellenic Bank Identification Code IDIC: Italian Domestic Identification Code IFSC: Indian Financial System Code NSC: Irish National Clearing Code PNCC: Portuguese National Clearing Code RCBIC: Russian Central Bank Identification Code SDIC: Spanish Domestic Interbanking Code Swiss BC: Swiss Clearing Code (BC) Swiss SIC: Swiss Clearing Code (SIC) UKDSC: UK Domestic Sort Code OTF: Other Financial Institution Identifier OT: Other, Not Financial Institution

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
36	Conductor-Name	string350	Name of the party acting as Conductor on the transaction.	
37	Conductor-Name-Normalized	string350	Normalized name of the conductor. standardized version of the name to reduce data entry inconsistencies.	CC: Credit Card CO: Corporate Identifier DL: Driver License GM: Government/Military Identifier GP: Gun Permit Identifier LE: Law Enforcement Identifier MC: Medicare Card Number ND: Non-Driver Identifier Card NR: Non-Resident Alien Identifier PP: Passport Identifier SS: Social Security Number TX: Tax Identifier Number AR: Alien Registration Number IA: Internal Account Identifier CBI: Central Bank Identifier CSN: Central Clearing Corporation Number BLZ: German Bankleitzahl IBAN: International Bank Account Number ABLZ: Austrian Bankleitzahl
38	Conductor-WatchListIdentifier	string3	Unique identifier that describes a source of watch list data.	
39	Conductor-WatchList-MatchText	string2000	Text of the identifier or name associated with the watch list record that was used to populate entity risk.	
40	CrossBorder-TransactionIndicator	string1	Indicator stating if the transaction originated or terminated in different countries.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
41	Depositin-gAmount-Base	decimal20	Monetary value in base currency of the depositing currency.	
42	DepositingCur-rencyCode	string3	Three-letter cur-rency code corre-sponding to the depositing amount.	ISO 4217: Alpha currency code
43	DepositingInsti-tutionAccoun-tIdentifier	string50	Account belong-ing to the deposit-ing institution.	
44	DepositingInsti-tutionActivi-tyRisk	Integer3	Level of risk asso-ciated with the activity for this transaction from the viewpoint of the depositing institution, based on geography risk, channel risk, product risk, and effective risk of all other parties on the transaction.	(-2): Trusted to a level of exclusion from monitoring -1: Trusted to a level of reduced moni-toring 0: Neither trusted or risky 1-10: Increasing levels of risk
45	DepositingInsti-tutionEntityRisk	Integer3	Level of risk asso-ciated with the entity that is the depositing institu-tion on this trans-action, based on the effective risk of the entity, the name, and the address.	(-2): Trusted to a level of exclusion from monitoring -1: Trusted to a level of reduced moni-toring 0: Neither trusted or risky 1-10: Increasing levels of risk
46	DepositingInsti-tutionEnti-tyRiskFactor	string50	Property or asso-ciation of the depositing institu-tion driving the entity risk.	
47	DepositingInsti-tutionFee-Activ-ity	decimal20	Fee amount in activity currency that the deposit-ing institution charged.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
48	DepositingInstitutionIdentifier	string50	Depositing institution identifier (such as ABA number or BIC).	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
49	DepositingInstitutionIdentifier-Type	string20	Type of external financial institution ID represented in depositing institution identifier.	XA: External Account Identifier BIC: SWIFT Bank Identifier Code (BIC) CHU: CHIPS Participant User Identifier CO: Corporate Identifier CHP: CHIPS Participant Identifier FED: Federal Reserve Routing (ABA) Number CU: Customer Identifier GL: General Ledger Account IA: Internal Account Identifier CDL: Cedel Identifier DTC: Depository Trust Corporation Number EPN: Euroclear Participant Number KID: Kasseverein Identifier CBI: Central Bank Identifier CSN: Central Clearing Corporation Number BLZ: German Bankleitzahl IBAN: International Bank Account Number ABLZ: Austrian Bankleitzahl BCHH: Bank Code of Hong Kong BSB: Australian Bank State Branch Code CPAP: Canadian Payments Assn Payment Routing Number HEBIC: Hellenic Bank Identification Code IDIC: Italian Domestic Identification Code IFSC: Indian Financial System Code NSC: Irish National Clearing Code PNCC: Portuguese National Clearing Code RCBIC: Russian Central Bank Identification Code SDIC: Spanish Domestic Interbanking Code Swiss BC: Swiss Clearing Code (BC) Swiss SIC: Swiss Clearing Code (SIC) UKDSC: UK Domestic Sort Code OTF: Other Financial Institution Identifier OT: Other, Not Financial Institution

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
50	DepositingInstitutionName	string350	Name of the depositing institution.	
51	DepositingInstitutionName-Normalized	string350	Normalized name of the depositing institution. This is the standardized version of the name to reduce data entry inconsistencies.	
52	DepositingInstitutionRelationshipCode	string1	Indicator of whether the depositing institution on this transaction is the client's, one of the client's client banks, or some other financial institution.	F: Party is the firm C: Party is a correspondent of the firm O: Party is some other financial institution
53	DepositingInstitutionWatchListIdentifier	string3	Unique identifier that describes a source of Watch List data.	
54	DepositingInstitutionWatchListMatchText	string2000	Text of the identifier or name associated with the Watch List record that was used to populate entity risk.	
55	FixingDate	Date	For a floating payment, the date upon which the rate to be paid is fixed. Typically, this occurs two days prior to the payment date.	
56	InitiatingRole	string1	Identifier of whether transaction originated as a request from the debited account or credited account.	D: The party in the debiting role initiated the transaction C: The party in the crediting role initiated the transaction

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
57	Instrument-Comments	string255	Additional comments found on the instrument.	
58	Instrument-Markings	string255	Markings found on the instrument.	
59	Instrument-Name	string255	Name of the Instrument.	
60	Instrument-Number	string25	Serial number of monetary instrument.	
61	Instrument-Number-Augmented	string25	Augmented Serial number of monetary instrument.	
62	InstrumentRoutingCode	string20	Routing Code for this Instrument for this transaction.	
63	InternalBeneficiaryAccountIndicator	string1	Indicator of whether the beneficiary account on this transaction is an account held at the client.	
64	InternalRemitterAccountIndicator	string1	Indicator of whether the remitter account on this transaction is an account held at the client.	
65	InternalSecondaryBeneficiaryIndicator	string1	Indicator of whether the secondary beneficiary account on this transaction is an account held at the client.	
66	IssuingCurrencyCode	string3	Issuing currency code.	ISO 4217: Alpha currency code
67	IssuingInstitutionAccountIdentifier	string50	Identifier of the issuing institution.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
68	IssuingInstitutionActivityRisk	Integer3	Level of risk associated with the activity for this transaction from the viewpoint of the issuing institution, based on geography risk, channel risk, product risk, and effective risk of all other parties on the transaction.	(-):2: Trusted to a level of exclusion from monitoring -1: Trusted to a level of reduced monitoring 0: Neither trusted or risky 1-10: Increasing levels of risk
69	IssuingInstitutionBranchIdentifier	string25	Identifier of the branch of the issuing institution, if any.	
70	IssuingInstitutionEntityRisk	Integer3	Level of risk associated with the entity that is the issuing institution on this transaction, based on the effective risk of the entity, the name, and the address.	(-):2: Trusted to a level of exclusion from monitoring -1: Trusted to a level of reduced monitoring 0: Neither trusted or risky 1-10: Increasing levels of risk
71	IssuingInstitutionEntityRisk-Factor	string50	Property or association of the issuing institution driving the entity risk.	
72	IssuingInstitutionFee-Activity	decimal20	Fee amount in activity currency that the issuing institution charged.	
73	IssuingInstitutionIdentifier	string50	Identifier for the Issuing institution (such as ABA number or BIC).	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
74	IssuingInstitutionIdentifier-Type	string20	Type of external financial institution ID represented in issuing institution identifier.	XA: External Account Identifier BIC: SWIFT Bank Identifier Code (BIC) CHU: CHIPS Participant User Identifier CO: Corporate Identifier CHP: CHIPS Participant Identifier FED: Federal Reserve Routing (ABA) Number CU: Customer Identifier GL: General Ledger Account IA: Internal Account Identifier CDL: Cedel Identifier DTC: Depository Trust Corporation Number EPN: Euroclear Participant Number KID: Kasseverein Identifier CBI: Central Bank Identifier CSN: Central Clearing Corporation Number BLZ: German Bankleitzahl IBAN: International Bank Account Number ABLZ: Austrian Bankleitzahl BCHH: Bank Code of Hong Kong BSB: Australian Bank State Branch Code CPAP: Canadian Payments Assn Payment Routing Number HEBIC: Hellenic Bank Identification Code IDIC: Italian Domestic Identification Code IFSC: Indian Financial System Code NSC: Irish National Clearing Code PNCC: Portuguese National Clearing Code RCBIC: Russian Central Bank Identification Code SDIC: Spanish Domestic Interbanking Code Swiss BC: Swiss Clearing Code (BC) Swiss SIC: Swiss Clearing Code (SIC) UKDSC: UK Domestic Sort Code OTF: Other Financial Institution Identifier OT: Other, Not Financial Institution

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
75	IssuingInstitutionName	string350	Name of the issuing institution.	
76	IssuingInstitutionName-Normalized	string350	Normalized name of the issuing institution. Standardized version of the name to reduce data entry inconsistencies.	
77	IssuingInstitutionRelationshipCode	string1	Indicator of whether the issuing institution on this transaction is the client, one of the client's client banks, or some other financial institution.	F: Party is the Firm C: Party is a correspondent of the Firm O: Party is some other financial institution
78	IssuingInstitutionWatchListIdentifier	string3	Unique identifier that describes a source of watch list data.	
79	IssuingInstitutionWatchListMatchText	string2000	Text of the identifier or name associated with the watch list record that was used to populate entity risk.	
80	IssuingTransactionAmount-Activity	decimal20	Amount for the issuing transaction in activity currency.	
81	RRSBeneficiary-AddressIdentifier	Integer22	Identifier representing a specific beneficiary address record.	
82	RRSClearing-Date	Date	Calculated date of clearing for this transaction that accounts for unpopulated date attributes in the data.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
83	RRSClearingInstitutionAddressIdentifier	Integer22	Identifier representing a specific clearing institution address record.	
84	RRSClearingInstitutionIdentifier	Integer22	Identifier representing a specific clearing institution record.	
85	RRSDepositDate	Date	Calculated date of deposit for this transaction that accounts for unpopulated date attributes in the data.	
86	RRSDepositingInstitutionAddressIdentifier	Integer22	Specific identifier representing a specific depositing institution address record.	
87	RRSDepositingInstitutionIdentifier	Integer22	Identifier representing a specific depositing Institution record.	
88	RRSDerivedEntityIdentifier	Integer22	Identifier for the derived entity acting as conductor on this transaction that is unique across the FSDM.	
89	RRSIssueDate	Date	Calculated date of issue for this transaction that accounts for unpopulated date attributes in the data.	
90	RRSIssuingInstitutionAddressIdentifier	Integer22	Identifier representing a specific issuing institution address record.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
91	RRSIssuingInstitutionIdentifier	Integer22	Internally generated unique financial institution identifier.	
92	RRSPostingDate	Date	Calculated date of posting for this transaction that accounts for unpopulated date attributes in the data.	
93	RRSRemitterAddressIdentifier	Integer22	Identifier representing a specific remitter address record.	
94	RRSRemitterDerivedEntityIdentifier	Integer22	Identifier for the derived entity acting as remitter on this transaction that is unique across the FSDM.	
95	RRSSecondaryBeneficiaryAddressIdentifier	Integer22	Identifier representing a specific secondary beneficiary address record.	
96	RRSTransactionAdjustmentCode	string20	Code that identifies the adjustment of a prior transaction.	ADJ-CORR: Adjustment or Correction Transaction REV: Reversal Transaction DISHON-CHECK-IN: Dishonored Check Transaction DISHON-CHECK-OUT: Dishonored Check Transaction STOP-PMT: Stop Check Payment Transaction CANCEL: Canceled or Canceling Transaction
97	RRSTransactionAssetClassCode	string20	Code that identifies the type of asset involved in the transaction.	FUNDS: Transaction transfers funds SECURITIES: Transaction transfers securities COMMODITIES: Transaction transfers a tangible good or asset that can be deposited PROPERTY: Transaction transfers property

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
98	RRSTransactionChannel-Code	string20	Code that identifies the type of channel used.	ATM: Conducted via an automated teller machine BRANCH-TELLER: Conducted via a branch teller DEBIT-TERMINAL: Conducted via a debit terminal ON-LINE: Conducted via the internet RETAIL-OUTLET: Conducted via a retail outlet MAIL: Mail TELEPHONE: Conducted via a telephone INTERNAL-SYSTEM: Conducted via a system of the Firm OTHER-ANONYMOUS: Conducted via another anonymous channel OTHER-NONANONYMOUS: Conducted via another nonanonymous channel MOBILE-PDA: Conducted through mobile phone or PDA device.
99	RRSTransactionChannelDetail1	string250	Detail regarding the channel used to initiate this transaction.	
100	RRSTransactionChannelDetail2	string250	Detail regarding the channel used to initiate this transaction.	
101	RRSTransactionChannelDetail3	string250	Detail regarding the channel used to initiate this transaction.	
102	RRSTransactionChannelDetail4	string250	Detail regarding the channel used to initiate this transaction.	
103	RRSTransactionChannelDetail5	string250	Detail regarding the channel used to initiate this transaction.	
104	RRSTransactionChannelDetail6	string250	Detail regarding the channel used to initiate this transaction.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
105	RRSTransactionChannelDetail7	string250	Detail regarding the channel used to initiate this transaction.	
106	RRSTransactionChannelDetail8	string250	Detail regarding the channel used to initiate this transaction.	
107	RRSTransactionChannelDetail9	string250	Detail regarding the channel used to initiate this transaction.	
108	RRSTransactionChannelDetail10	string250	Detail regarding the channel used to initiate this transaction.	
109	RRSTransactionChannelGeoLocation	string80	Geo location associated with the transaction channel used to initiate this transaction.	
110	RRSTransactionChannelLocationAddress	string350	Location address associated with the transaction channel used to initiate this transaction.	
111	RRSTransactionChannelLocationID	string50	Location identifier associated with the transaction channel used to initiate this transaction.	
112	RRSTransactionChannelLocationName	string350	Location name associated with the transaction channel used to initiate this transaction.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
113	RRSTransactionChannelLocationType	string20	Client specified location type associated with the transaction channel used to initiate this event.	
114	RRSTransactionChannelRisk	Integer3	Client specified level of risk associated with the transaction channel through which this transaction was initiated.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
115	RRSTransactionProduct-Subtype	string30	Allows for specification of transaction product subtypes associated with the provided transaction product types.	<p>ARC: Converted checks received via the US mail or at a drop-box location</p> <p>BOC: Converted checks received by merchant at the point-of-purchase or at manned bill payment locations, and processed during back office operations</p> <p>CBR: Cross border entry to business account</p> <p>CCD: Transfer of funds between business accounts or to consolidate funds from several accounts of the same business</p> <p>CIE: Credit entry initiated by an individual (usually through a bill payment service) used to pay some sort of obligation</p> <p>CTX: Payment or collection of obligations between separate businesses</p> <p>DNE: Notice initiated by an agency of the Federal government to advise an RDFI of the death of an individual (Includes addenda record with details)</p> <p>ENR: Entry submitted by Financial Institution to enroll member in direct deposit of Federal government benefit payment</p> <p>IAT: ACH entry involving a financial agency's office that is not located within the territorial jurisdiction of the United States.</p> <p>MTE: The ACH Network supports the clearing of transactions from automated teller machines, that is, Machine Transfer Entries (MTE)</p> <p>PBR: Cross border entry to consumer account</p> <p>POP: Converted checks received by merchant at the point-of-sale b Entry initiated by individual at a merchant location using a merchant issued card for payment of goods or services</p> <p>PPD: Recurring entry for direct deposit of payroll, pension, and so on., or for direct payment of recurring bills such as utilities, loans, insurance, and so on.</p> <p>RCK: Merchant collection of checks that had been returned as NSF or Uncollected Funds</p> <p>SHR: Represent point of sale debit applications in a shared (SHR) environment (vs a nonshared (POS) environment)</p>

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
116	RRSTransactionProductType	string30	Identifier of the financial product involved in this transaction.	<p>AUTO-BILL-PAY: Automatic Bill Payment DEBIT-CARD: Debit Card SVC: Stored Value Card CASH-EQ-CASHIERCHECK: Cashier's Check CASH-EQ-CERT-CHECK: Certified Check CASH-EQ-MONEY-ORDER: Money Order CASH-EQ-TRAVELER-SCHECK: Traveler's Check CASH-EQ-OTHER: Other Cash Equivalent Product CASH-LETTER: Cash Letter CHECK: Personal Or Business Check CHECK-ACH: Check via Automated Clearing House CREDIT-CARD: Credit Card CURRENCY: Currency EFT-ACH: Electronic Funds Transfer via Automated Clearing House EFT-TREASURY: Electronic Funds Transfer via Treasury EFT-FEDWIRE: Electronic Funds Transfer via Fedwire EFT-SWIFT: Electronic Funds Transfer via SWIFT EFT-OTHER: Electronic Funds Transfer via Other Mechanism EST: Electronic Security Transfer PAPER-OTHER: Other Paper Products PAYROLL-DEDUCTION: Payroll Deduction PHYS: Physical Delivery/ Receipt of Securities</p>
117	RRSTransactionPurposeCode	string20	Code that identifies the purpose of the transaction.	<p>DIST: Distribution Transaction (For example, IRA) DIV: Dividend Transaction FEE-IA: Investment Advisor Fee Transaction FEE-OTHER: Non- Investment Advisor Fee Transaction INT: Interest Transaction TOA: Transfer-Of-Account Transaction GENERAL: Transaction whose purpose does not align with the other purpose codes</p>

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
118	OnUSorOffUS-Code	string1	Code that indicates whether the item is an <i>on-us</i> item (which the institution issued) or an <i>off-us</i> item (which another institution issued).	1: On us 2: Off us
119	PaymentInterestRate	decimal20	Interest rate paid on this transaction. This transaction must be associated with a swap.	
120	PaymentInterestRateType	string3	Type of interest rate paid on this transaction (for example, fixed or floating). This transaction must be associated with a swap.	FIX: Fixed Interest Rate FLT: Floating Interest Rate (that is, Libor)
121	ProductRisk	Integer3	Identifier of the level of risk associated with the client's product that was involved in this transaction.	0-10: Increasing levels of risk
122	RebookedTransactionIdentifier	string50	For rebooking transactions, contains the transaction reference identifier of the original transaction that is being corrected.	
123	RemitterAccount	string50	Remitter's account involved in this transaction.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
124	RemitterActivityRisk	Integer3	Level of risk associated with the activity for this transaction from the viewpoint of the remitter, based on geography risk, channel risk, product risk, and effective risk of all other parties on the transaction.	(-2): Trusted to a level of exclusion from monitoring -1: Trusted to a level of reduced monitoring 0: Neither trusted or risky 1-10: Increasing levels of risk
125	RemittertoBeneficiaryTrustIndicator	string1	Indicator of a trusted relationship between parties in this combination of roles.	
126	RemitterEntityRisk	Integer3	Level of risk associated with the entity that is the remitter on this transaction, based on the effective risk of the entity, the name, and the address.	(-2): Trusted to a level of exclusion from monitoring -1: Trusted to a level of reduced monitoring 0: Neither trusted or risky 1-10: Increasing levels of risk
127	RemitterEntityRiskFactor	string50	Property or association of the remitter driving the entity risk.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
128	RemitterIdentifierType	string20	Type of account represented in remitter account identifier.	XA: External Account Identifier BIC: SWIFT Bank Identifier Code (BIC) CC: Credit Card CHU: CHIPS Participant User Identifier CO: Corporate Identifier CHP: CHIPS Participant Identifier DL: Driver License FED: Federal Reserve Routing (ABA) Number GM: Government/Military Identifier GP: Gun Permit Identifier LE: Law Enforcement Identifier MC: Medicare Card Number ND: Non-Driver Identifier Card NR: Non-Resident Alien Identifier PP: Passport Identifier SS: Social Security Number TX: Tax Identifier Number AR: Alien Registration Number CU: Customer Identifier GL: General Ledger Account IA: Internal Account Identifier CDL: Cedel Identifier DTC: Depository Trust Corporation Number EPN: Euroclear Participant Number KID: Kasseverein Identifier CBI: Central Bank Identifier CSN: Central Clearing Corporation Number BLZ: German Bankleitzahl IBAN: International Bank Account Number ABLZ: Austrian Bankleitzahl BCHH: Bank Code of Hong Kong BSB: Australian Bank State Branch Code CPAP: Canadian Payments Assn Payment Routing Number HEBIC: Hellenic Bank Identification Code IDIC: Italian Domestic Identification Code IFSC: Indian Financial System Code NSC: Irish National Clearing Code PNCC: Portuguese National Clearing Code RCBIC: Russian Central Bank Identification Code SDIC: Spanish Domestic Interbanking Code Swiss BC: Swiss Clearing Code (BC)

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
129	RemitterName	string350	Name of the remitter on this transaction.	
130	RemitterName-Normalized	string350	Normalized name of the remitter. standardized version of the name to reduce data entry inconsistencies	
131	RemittertoSecondaryBeneficiaryTrustIndicator	string1	Indicator of a trusted relationship between parties in this combination of roles.	
132	RemitterWatch-ListIdentifier	string3	Unique identifier that describes a source of watch list data.	
133	RemitterWatch-ListMatchText	string2000	Text of the identifier or name associated with the watch list record that was used to populate entity risk.	
134	SecondaryBeneficiaryAccountIdentifier	string50	Account that belongs to the secondary beneficiary.	
135	SecondaryBeneficiaryActivityRisk	Integer3	Level of risk associated with the activity for this transaction from the viewpoint of the secondary beneficiary, based on geography risk, channel risk, product risk, and effective risk of all other parties on the transaction.	<p>(-2): Trusted to a level of exclusion from monitoring</p> <p>-1: Trusted to a level of reduced monitoring</p> <p>0: Neither trusted or risky</p> <p>1-10: Increasing levels of risk</p>

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
136	SecondaryBeneficiaryDerivationMethod	string20	Method used to derive secondary beneficiary from the free text.	
137	SecondaryBeneficiaryEntityRisk	Integer3	Level of risk associated with the entity that is the secondary beneficiary on this transaction, based on the effective risk of the entity, the name, and the address.	(-2): Trusted to a level of exclusion from monitoring -1: Trusted to a level of reduced monitoring 0: Neither trusted or risky 1-10: Increasing levels of risk
138	SecondaryBeneficiaryEntityRiskFactor	string50	Property or association of the secondary beneficiary driving the entity risk.	
139	SecondaryBeneficiaryExternalEntityIdentifier	Integer22	Identifier for the derived entity acting as second beneficiary on this transaction	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
140	SecondaryBeneficiaryIdentifierType	string20	Type of ID represented in secondary beneficiary account identifier.	XA: External Account Identifier' BIC: SWIFT Bank Identifier Code (BIC) CC: Credit Card CHU: CHIPS Participant User Identifier CO: Corporate Identifier CHP: CHIPS Participant Identifier DL: Driver License FED: Federal Reserve Routing (ABA) Number GM: Government/Military Identifier GP: Gun Permit Identifier LE: Law Enforcement Identifier MC: Medicare Card Number ND: Non-Driver Identifier Card NR: Non-Resident Alien Identifier PP: Passport Identifier SS: Social Security Number TX: Tax Identifier Number AR: Alien Registration Number CU: Customer Identifier GL: General Ledger Account IA: Internal Account Identifier CDL: Cedel Identifier DTC: Depository Trust Corporation Number EPN: Euroclear Participant Number KID: Kasseverein Identifier CBI: Central Bank Identifier CSN: Central Clearing Corporation Number BLZ: German Bankleitzahl IBAN: International Bank Account Number ABLZ: Austrian Bankleitzahl BCHH: Bank Code of Hong Kong BSB: Australian Bank State Branch Code CPAP: Canadian Payments Assn Payment Routing Number PNCC: Portuguese National Clearing Code RCBIC: Russian Central HEBIC: Hellenic Bank Identification Code IDIC: Italian Domestic Identification Code IFSC: Indian Financial System Code NSC: Irish National Clearing Code SDIC: Spanish Domestic Interbanking Code OFSCRR Web Service Guide 88 Swiss BC: Swiss Clearing Code (BC) Swiss SIC: Swiss Clearing Code (SIC)

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
141	SecondaryBeneficiaryName	string350	Name of the secondary beneficiary.	
142	SecondaryBeneficiaryName-Normalized	string350	Normalized name of the secondary beneficiary. This is the standardized version of the name to reduce data entry inconsistencies	
143	SecondaryBeneficiaryWatch-ListIdentifier	string3	Unique identifier that describes a source of watch list data.	
144	SecondaryBeneficiaryWatch-ListMatchText	string2000	Text of the identifier or name associated with the watch list record that was used to populate entity risk.	
145	Structured-DealIdentifier	string50	Identifier of the swap with which this transaction is associated.	
146	ThirdParty-TransactionIndicator	string1	Indicator that this is a third party transaction.	
147	Transaction-Amount-Base	decimal20	Transaction amount in base currency.	
148	Transaction-ClearingDate	Date	Date of clearing for a specific transaction.	
149	Transaction-ClearingDate-UTC	Date	Date on which this transaction cleared that corresponds to the transaction clearing UTC time.	
150	Transaction-ClearingTime	string9	Time at which this transaction cleared.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
151	Transaction-ClearingTime-UTC	string9	Time in UTC at which this transaction cleared.	
152	Transaction-ClearingTimeOffset	string6	Number of hours offset from local to UTC for transaction clearing time.	
153	TransactionDepositDate	Date	Date of deposit for a specific transaction.	
154	TransactionDepositDate-UTC	Date	Date on which this transaction was deposited that corresponds to the transaction deposit UTC time.	
155	TransactionDepositTime	string9	Time at which this transaction was deposited.	
156	TransactionDepositTime-UTC	string9	Time in UTC at which this transaction deposited.	
157	TransactionDepositTimeOffset	string6	Number of hours offset from local to UTC for transaction deposit time.	
158	TransactionEntrySystemLogoIdentifier	string50	System logon used by the individual at the client who entered this transaction. If this transaction is entered through an automated channel, this field contains the system logon associated with that channel.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
159	TransactionEntryUserIdentifier	string50	Individual at the client who entered this transaction. This field should not have a value if the transaction was performed through an automated channel or if it was not originated at the client.	
160	TransactionGroupIdentifier	string50	Set of transactions of which this transaction is a part. For example, use this to identify a pouch or deposit that included several monetary instruments of which one is this transaction.	
161	TransactionInternalIdentifier	string50	Identifier that the client assigned that uniquely identifies this transaction throughout the enterprise.	
162	TransactionIssueDate	Date	Date of issue for a specific transaction.	
163	TransactionIssueTime	string9	Time at which this transaction was issued.	
164	TransactionIssueTimeOffset	string6	Number of hours offset from local to UTC for transaction issue time.	
165	TransactionIssuingDate-UTC	Date	Date on which this transaction was issued that corresponds to the transaction issue UTC time.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
166	TransactionIssuingTime-UTC	string9	Time in UTC at which this transaction was issued.	
167	TransactionPostingDate	Date	Date of posting for a specific transaction.	
168	TransactionPostingDate-UTC	Date	Date on which this transaction was posted that corresponds to the transaction posting UTC time.	
169	TransactionPostingTime	string9	Time at which this transaction was posted.	
170	TransactionPostingTime-UTC	string9	Time in UTC at which this transaction was posted.	
171	TransactionPostingTimeOffset	string6	Number of hours offset from local to UTC for transaction posting time.	
172	Transaction-Type1	string20	Customer-provided code that represents the type of transaction. This is generally the highest categorization level.	
173	Transaction-Type2	string20	Customer-provided code that represents the type of transaction. This is generally the second highest categorization level.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
174	Transaction-Type3	string20	Customer-provided code that represents the type of transaction. This is generally the third highest categorization level.	
175	Transaction-Type4	string20	Customer-provided code that represents the type of transaction. This is generally the fourth highest categorization level.	
176	TrustedTransactionFlag	string1	Indicator that this is a transaction involving trusted pairs.	
177	UnknownBeneficiaryIndicator	string1	Indicator of whether beneficiary is known or unknown (that is, provided name is <i>non</i> ' or <i>unknown</i>).	
178	UnknownRemitterIndicator	string1	Indicator of whether remitter is known or unknown.	
179	UnknownSecondaryBeneficiaryIndicator	string1	Indicator of whether secondary beneficiary is known or unknown.	
180	UnrelatedPartyIndicator	string1	Indicator of whether known relationships exist between internal accounts.	
181	Custom1Date	Date	Date field that is available for use at the client's discretion.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
182	Custom2Date	Date	Date field that is available for use at the client's discretion.	
183	Custom3Date	Date	Date field that is available for use at the client's discretion.	
184	Custom1Real	decimal20	Number field that is available for use at the client's discretion.	
185	Custom2Real	decimal20	Number field that is available for use at the client's discretion.	
186	Custom3Real	decimal20	Number field that is available for use at the client's discretion.	
187	Custom1Text	string255	Text field that is available for use at the client's discretion.	
188	Custom2Text	string255	Text field that is available for use at the client's discretion.	
189	Custom3Text	string255	Text field that is available for use at the client's discretion.	
190	Custom4Text	string255	Text field that is available for use at the client's discretion.	
191	Custom5Text	string255	Text field that is available for use at the client's discretion.	
192	SourceSystem	string3	Source system or product for the transaction.	

Table 12: Monetary Instrument Transaction Element

SI No	Attribute	Data Type	Definition	
193	Processing-Batch	string20	Ingestion batch which processed this data record.	
194	SubmissionDate	Date	Business date for which the data record is provided.	
195	Additional-TransactionDetails	TransactionDetails		

Table 13 details the wire transaction details expected from ECM source System.

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
1	RRSWireTransactionIdentifier	Integer22	Identifier that represents a specific wire transaction record.	
2	BanktoBank-TransferIndicator	string1	Indicator of whether the transaction is an institution-to-institution transfer.	
3	BankcardIdentifier	Integer20	Identifier of the bankcard utilized in this transaction.	
4	Beneficiary	string50	Beneficiary's account involved in this transaction.	
5	BeneficiaryAccountingRule	string1	Identifier of the manner in which the cash or security involved in this transaction is held in the beneficiary account (for example, on a cash basis, on margin, or as a short position).	

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
6	BeneficiaryType	string20	Type of account identifier represented in beneficiary account.	
7	BeneficiaryActivityRisk	Integer3	Level of risk associated with the activity for this transaction from the viewpoint of the beneficiary, based on geography risk, channel risk, product risk, and effective risk of all other parties on the transaction.	
8	BeneficiaryDerivedEntityIdentifier	Integer22	identifier for the Derived Entity acting as beneficiary on this transaction	
9	BeneficiaryEntityRisk	Integer3	Level of risk associated with the entity that is the beneficiary on this transaction, based on the effective risk of the entity, the name, and the address.	
10	BeneficiaryEntityRiskFactor	string50	Property or association of the beneficiary driving the entity risk.	
11	BeneficiaryInstructions	string255	Instructions from the originator to the beneficiary.	
12	BeneficiaryName	string350	Name of the party who is the beneficiary on the transaction.	

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
13	BeneficiaryName-Augmented	string350	Augmented name of the party who is the beneficiary on the transaction. Represents the standardized version of the name to reduce data entry inconsistencies.	
14	Beneficiary-WatchListIdentifier	string3	Unique identifier that describes a source of watch list data.	
15	Beneficiary-WatchListMatch-Text	string2000	Text of the identifier or name associated with the watch list record that was used to populate entity risk.	
16	CanceledPairing-TransactionIdentifier	string50	For canceled transactions, contains the transaction reference identifier of the canceling transaction. For canceling transactions, this field will store the transaction reference identifier of the canceled transaction.	
17	ChannelIdentifier	string20	Client provided code that identifies the channel of the financial institution through which this transaction was conducted (for example, ATM or teller).	

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
18	ChannelRisk	Integer3	Level of risk associated with the channel through which this transaction was conducted.	
19	CrossBorder-TransactionIndicator	string1	Indicator of whether the transaction originated or terminated in a separate country.	
20	FixingDate	Date	For a floating payment, the date upon which the rate to be paid is fixed. Typically, this occurs two days prior to the payment date.	
21	InitiatingRole	string1	Identifier of whether transaction originated as a request from the debited account or credited account.	D: The party in the debiting role initiated the transaction C: The party in the crediting role initiated the transaction
22	Institution-to-InstitutionInstructions	string255	Free form text to store institution-to-institution instructions.	
23	InternalBeneficiaryAccountIndicator	string1	Indicator of whether the beneficiary account on this transaction is an account held at the client.	
24	InternalOriginatorAccountIndicator	string1	Indicator of whether the originator account on this transaction is an account held at the client.	

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
25	InternalSecondaryBeneficiaryAccountIndicator	string1	Indicator of whether the secondary beneficiary account on this transaction is an account held at the client.	
26	InternalSecondaryOriginatorAccountIndicator	string1	Indicator of whether the secondary originator account on this transaction is an account held at the client.	
27	RRSBeneficiaryAddressIdentifier	Integer22	Identifier that represents a specific beneficiary address record.	
28	RRSOriginatorAddressIdentifier	Integer22	Identifier for the originator's address record.	
29	RRSReceivingInstitutionAddressIdentifier	Integer22	Identifier that represents a specific receiving institution address record.	
30	RRSReceivingInstitutionIdentifier	Integer22	Identifier that represents a specific receiving financial institution	
31	RRSSecondaryBeneficiaryAddressIdentifier	Integer22	Identifier that represents a specific secondary beneficiary address record.	
32	RRSSecondaryOriginatorAccountType	string20	Type of account represented in secondary beneficiary account identifier.	
33	RRSSecondaryOriginatorAddressIdentifier	Integer22	Identifier that represents a specific secondary originator address record.	

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
34	RRSSendingInstitutionAddressIdentifier	Integer22	Identifier that represents a specific sending institution address record.	
35	RRSSendingInstitutionIdentifier	Integer22	Identifier that represents a specific financial institution record.	
36	RRSTransaction-AdjustmentCode	string20	Code that identifies the adjustment of a prior transaction.	
37	RRSTransaction-AssetClassCode	string20	Code that identifies the type of asset involved in the transaction.	
38	RRSTransaction-ChannelCode	string20	Code that identifies the type of channel used.	
39	RRSTransaction-ChannelDetail1	string250	Detail regarding the channel used to initiate this transaction.	
40	RRSTransaction-ChannelDetail2	string250	Detail regarding the channel used to initiate this transaction.	
41	RRSTransaction-ChannelDetail3	string250	Detail regarding the channel used to initiate this transaction.	
42	RRSTransaction-ChannelDetail4	string250	Detail regarding the channel used to initiate this transaction.	
43	RRSTransaction-ChannelDetail5	string250	Detail regarding the channel used to initiate this transaction.	
44	RRSTransaction-ChannelDetail6	string250	Detail regarding the channel used to initiate this transaction.	

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
45	RRSTransaction-ChannelDetail7	string250	Detail regarding the channel used to initiate this transaction.	
46	RRSTransaction-ChannelDetail8	string250	Detail regarding the channel used to initiate this transaction.	
47	RRSTransaction-ChannelDetail9	string250	Detail regarding the channel used to initiate this transaction.	
48	RRSTransaction-ChannelDetail10	string250	Detail regarding the channel used to initiate this transaction.	
49	RRSTransaction-ChannelGeoLocation	string80	Geo location associated with the transaction channel used to initiate this transaction	
50	RRSTransaction-ChannelLocation-Address	string350	Location address associated with the transaction channel used to initiate this transaction	
51	RRSTransaction-ChannelLocationID	string50	Location Identifier associated with the transaction channel used to initiate this transaction	
52	RRSTransaction-ChannelLocation-Name	string350	Location name associated with the transaction channel used to initiate this transaction	

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
53	RRSTransaction-ChannelLocation-Type	string20	Client specified location type associated with the transaction channel used to initiate this event	
54	RRSTransaction-ChannelRisk	Integer3	Client specified level of risk associated with the transaction channel through which this transaction was initiated.	
55	RRSTransaction-ProductSubtype	string30	Allows for specification of transaction product subtypes associated with the provided transaction product types.	
56	RRSTransaction-ProductType	string30	Code that identifies the type of product used.	
57	RRSTransaction-PurposeCode	string20	Code that identifies the purpose of the transaction.	
58	OriginatorAccount	string50	Originator's account involved in this transaction.	
59	OriginatorAccountingRule	string1	Identifier of the manner in which the cash or security involved in this transaction is held in the originator account (for example, on a cash basis, on margin, or as a short position).	

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
60	OriginatorActivityRisk	Integer3	Level of risk associated with the activity for this transaction from the viewpoint of this originator, based on geography risk, channel risk, product risk, and effective risk of all other parties on the transaction.	
61	OriginatorToBeneficiaryTrustIndicator	string1	Indicator of a trusted relationship between parties in this combination of roles.	
62	OriginatorDerivedEntityIdentifier	Integer22	Identifier for the derived entity acting as originator on this transaction	
63	OriginatorEntityRisk	Integer3	Level of risk associated with the entity that is the originator on this transaction, based on the effective risk of the entity, the name, and the address.	
64	OriginatorEntityRiskFactor	string50	Property or association of the originator driving the entity risk.	
65	OriginatorName	string350	Name of the originating party on the transaction.	

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
66	OriginatorName-Normalized	string350	Normalized name of the originating party on the transaction. Represents the standardized version of the name to reduce data entry inconsistencies.	
67	OriginatorToSecondBeneficiary-TrustIndicator	string1	Indicator of a trusted relationship between parties in this combination of roles.	
68	OriginatorWatch-ListIdentifier	string3	Unique identifier that describes a source of watch list data.	
69	OriginatorWatch-ListMatchText	string2000	Text of the identifier or name associated with the watch list record that was used to populate entity risk.	
70	OriginatorAccountType	string20	Type of account identifier represented in the originator's account.	
71	PaymentInterestRate	decimal20	Interest rate paid on this transaction. This transaction must be associated with a swap.	
72	PaymentInterestRateType	string3	Type of interest rate paid on this transaction (for example, fixed or floating). This transaction must be associated with a swap.	

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
73	ProductCategory	string4	Identifier of the highest and most general classification for the security associated with this transaction.	
74	ProductRisk	Integer3	Identifier of the level of risk associated with the client's product that was involved in this transaction.	0-10: Increasing levels of risk
75	ProductSubtype	string20	Identifier of the client-specified subtype classification for the security associated with this transaction.	
76	ProductType	string20	Identifier of the client-specified type within the high-level product category for the security associated with this transaction.	
77	RebookedTransactionIdentifier	string50	For rebooking transactions, contains the transaction reference identifier of the original transaction that is being corrected.	
78	ReceivingAmount-Activity	decimal20	Monetary value in activity currency of the receiving institution.	
79	ReceivingCurrency	string3	Three-letter currency code that corresponds to the receiving amount.	ISO 4217: Alpha currency code

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
80	ReceivingInstitutionAccount	string50	Account for the client at the receiving institution.	
81	ReceivingInstitutionActivityRisk	Integer3	Level of risk associated with the activity for this transaction from the viewpoint of this receiving institution, based on geography risk, channel risk, product risk, and effective risk of all other parties on the transaction.	
82	ReceivingInstitutionEntityRisk	Integer3	Level of risk associated with the entity that is the receiving institution on this transaction, based on the effective risk of the entity, the name, and the address.	
83	ReceivingInstitutionEntityRiskFactor	string50	Property or association of the receiving institution driving the entity risk.	
84	ReceivingInstitutionFee-Activity	decimal20	Fee amount that the receiving institution charged in activity currency.	
85	ReceivingInstitutionIdentifier	string50	Receiving Institution identifier (such as ABA number or BIC).	
86	ReceivingInstitutionIdentifierType	string20	Type of external financial institution identifier that the receiving institution identifier represents.	

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
87	ReceivingInstitutionName	string350	Name of the receiving institution.	
88	ReceivingInstitutionName-Normalized	string350	Normalized name of the receiving institution. Standardized version of the name to reduce data entry inconsistencies.	
89	ReceivingInstitutionRelationship	string1	Identifier of whether the receiving institution on this transaction is the client, one of the client's client banks, or some other financial institution.	F: Party is the firm C: Party is a correspondent of the firm O: Party is some other financial institution
90	ReceivingInstitutionWatchListIdentifier	string3	Unique identifier that describes a source of watch list data.	
91	ReceivingInstitutionWatchListMatchText	string2000	Text of the identifier or name associated with the watch list record that was used to populate entity risk.	
92	RestrictedSecurityIndicator	string1	Indicator of whether the security involved in this transaction is under trading restrictions.	
93	SendingCurrencyCode	string3	Three-letter currency code that corresponds to the sending amount.	ISO 4217: Alpha currency code
94	SendingAmount-Activity	decimal20	Monetary value in activity currency for the sending institution.	

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
95	SecondaryBeneficiaryAccount	string50	Account for secondary beneficiary.	
96	SecondaryBeneficiaryAccountIdentifierType	string20	Type of account represented in secondary beneficiary account identifier.	
97	SendingInstitutionName	string350	Name of the sending institution.	
98	SendingInstitutionIdentifier	string20	Identifier for the sending institution (such as ABA number or BIC).	
99	SendingInstitutionName-Normalized	string350	Normalized name of the sending institution on the transaction. Represents the standardized version of the name to reduce data entry inconsistencies.	
100	SendingInstitutionRelationship	string1	Identifier of whether the sending institution on this transaction is the client, one of the client's client banks, or some other financial institution.	F: Party is the Firm C: Party is a correspondent of the Firm O: Party is some other financial institution
101	SendingInstitutionWatchListIdentifier	string3	Unique identifier that describes a source of watch list data.	
102	SendingInstitutionWatchListMatchText	string2000	Text of the identifier or name associated with the watch list record that was used to populate entity risk.	

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
103	Structured-DealIdentifier	string50	Identifier of the swap with which this transaction is associated.	
104	ThirdPartyTransactionIndicator	string1	Indicator that this is a third party transaction.	
105	Transaction-Amount	decimal20	Transaction amount in base currency. The standard currency is configured and stored externally.	
106	TransactionEntry-SystemLogon-Identifier	string50	System logon used by the individual at the client who entered this transaction. If this transaction is entered through an automated channel, this field contains the system logon associated with that channel.	
107	TransactionEntry-UserIdentifier	string50	Individual at the client who entered this transaction. This field should not have a value if the transaction was performed through an automated channel or if it was not originated at the client.	
108	TransactionExecutionDate	Date	Date of execution for this transaction.	

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
109	TransactionExecutionDate-UTC	Date	UTD date of execution for a specific transaction that corresponds to the transaction execution UTC time.	
110	TransactionExecutionTime	string9	Time at which this transaction was conducted.	
111	TransactionExecutionTime-UTC	string9	Time in UTC at which this transaction was conducted.	
112	TransactionExecutionTimeOffset	string6	Number of hours offset from local to UTC for execution time.	
113	TransactionReferenceIdentifier	string50	Customer-provided internal transaction identifier that represents the reference identifier in the source data table.	
114	TransactionType1	string20	Customer-provided code that represents the transaction type. This is generally the highest categorization level.	
115	TransactionType2	string20	Customer-provided code that represents the transaction type. This is generally the highest categorization level.	

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
116	TransactionType3	string20	Customer-provided code that represents the transaction type. This is generally the highest categorization level.	
117	TransactionType4	string20	Customer-provided code that represents the transaction type. This is generally the highest categorization level.	
118	TrustedTransactionFlag	string1	Indicator that this is a transaction involving trusted pairs.	
119	UnitQuantity	decimal20	Total number of units (for example, shares or contracts) of the specified security being transferred via this transaction.	
120	UnknownBeneficiaryIndicator	string1	Indicator of whether a beneficiary is known or unknown.	
121	UnknownOriginatorIndicator	string1	Indicator whether an originator is known or unknown.	
122	UnknownSecondaryBeneficiaryIndicator	string20	Indicator of whether the secondary beneficiary is known or unknown.	
123	UnknownSecondaryOriginatorIndicator	string1	Indicator of whether the secondary originator is known.	

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
124	UnrelatedParty-Indicator	string1	Indicator of whether known relationships exist between internal accounts.	
125	Custom1Date	Date	Date field that is available for use at the client's discretion.	
126	Custom2Date	Date	Date field that is available for use at the client's discretion.	
127	Custom3Date	Date	Date field that is available for use at the client's discretion.	
128	Custom1Real	decimal20	Number field that is available for use at the client's discretion.	
129	Custom2Real	decimal20	Number field that is available for use at the client's discretion.	
130	Custom3Real	decimal20	Number field that is available for use at the client's discretion.	
131	Custom1Text	string255	Text field that is available for use at the client's discretion.	
132	Custom2Text	string255	Text field that is available for use at the client's discretion.	
133	Custom3Text	string255	Text field that is available for use at the client's discretion.	

Table 13: Wire Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
134	Custom4Text	string255	Text field that is available for use at the client's discretion.	
135	Custom5Text	string255	Text field that is available for use at the client's discretion.	
136	SourceSystem	string3	Code that identifies the source system or product for the transaction.	
137	ProcessingBatch	string20	Ingestion batch which processed this data record.	
138	SubmissionDate	Date	Business date for which the data record is provided.	
139	AdditionalTransactionDetails	TransactionDetails		

Table 14 details the back office transaction details expected from ECM source System.

Table 14: BackOfficeTransaction Element

SI No	Attribute	Data Type	Definition	Instruction
1	RRSBackOffice-TransactionIdentifier	Integer22	Identifier for this back office transaction data record	
2	AccountIdentifier	string50	Identifier of the principal account involved in this transaction.	

Table 14: BackOfficeTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
3	AccountingRule	string1	Manner in which the cash or security involved in this transaction is held in the account (for example, on a cash basis, on margin, or as a short position).	
4	AcctOffsetAcct-Flag	string1	Indicator of a trusted relationship between parties in this combination of roles.	
5	As-OfDate	Date	Effective date for this transaction. This differs from the execution date only when the transaction is entered retroactively.	
6	BankcardIdentifier	Integer20	Identifier of the bankcard utilized in this access event	
7	CanceledPairing-TransactionIdentifier	string50	For canceling and canceled transactions, identifies the counterpart transaction. For canceled transactions, identifies the transaction that canceled this transaction. For canceling transactions, identifies the transaction that is being canceled.	

Table 14: BackOfficeTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
8	CancelingIndicator	string1	Indicator of whether this transaction cancels another transaction.	
9	ChannelRisk	Integer3	Level of risk associated with the channel used in this transaction.	
10	CreditDebitCode	string1	Indicator of whether assets are being transferred into (credit) or out of (debit) this account by this transaction.	
11	ExecutionDate	Date	Date on which this transaction was concluded.	
12	ExecutionDate-UTC	Date	Date of execution that corresponds to the UTC Time for a specific transaction.	
13	ExecutionTime	string9	Time at which this transaction was concluded.	
14	ExecutionTime-UTC	string9	Time in UTC of execution for a specific transaction.	
15	ExecutionTimeOffset	string6	Number of hours offset from local to UTC for execution time.	
16	FixingDate	Date	For a floating payment, the date upon which the rate to be paid is fixed. Typically, this occurs two days prior to the payment date.	

Table 14: BackOfficeTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
17	IncomeComponentAmount-Base	decimal20	Monetary amount in base currency being transferred to or from the income holdings within this account via this transaction. This field applies only to accounts with segregated holdings of principal and income.	
18	IncomeComponentAmount-Reporting	decimal20	Monetary amount in reporting currency being transferred to or from the income holdings within this account via this transaction. This field applies only to accounts with segregated holdings of principal and income.	
19	InitiatingRole	string1	Identifier of whether transaction originated as a request from the debited account or credited account	D: The party in the debiting role initiated the transaction C: The party in the crediting role initiated the transaction
20	RRSStructured-DealIdentifier	Integer22	Identifier for this deal record	
21	RRSTransaction-AdjustmentCode	string20	Type of adjustment being made to this transaction.	
22	RRSTransaction-AssetClass	string20	Class of asset involved in this transaction.	
23	RRSTransaction-Channel	string20	Channel used to initiate this transaction.	

Table 14: BackOfficeTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
24	RRSTransaction-ChannelDetail1	string250	Detail regarding the channel used to initiate this transaction.	
25	RRSTransaction-ChannelDetail2	string250	Detail regarding the channel used to initiate this transaction.	
26	RRSTransaction-ChannelDetail3	string250	Detail regarding the channel used to initiate this transaction.	
27	RRSTransaction-ChannelDetail4	string250	Detail regarding the channel used to initiate this transaction.	
28	RRSTransaction-ChannelDetail5	string250	Detail regarding the channel used to initiate this transaction.	
29	RRSTransaction-ChannelDetail6	string250	Detail regarding the channel used to initiate this transaction.	
30	RRSTransaction-ChannelDetail7	string250	Detail regarding the channel used to initiate this transaction.	
31	RRSTransaction-ChannelDetail8	string250	Detail regarding the channel used to initiate this transaction.	
32	RRSTransaction-ChannelDetail9	string250	Detail regarding the channel used to initiate this transaction.	
33	RRSTransaction-ChannelDetail10	string250	Detail regarding the channel used to initiate this transaction.	

Table 14: BackOfficeTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
34	RRSTransaction-ChannelGeoLocation	string80	Geo location associated with the transaction channel used to initiate this transaction.	
35	RRSTransaction-ChannelLocation-Address	string350	Location address associated with the transaction channel used to initiate this transaction.	
36	RRSTransaction-ChannelLocationId	string50	Location identifier associated with the transaction channel used to initiate this transaction.	
37	RRSTransaction-ChannelLocation-Name	string350	Location name associated with the transaction channel used to initiate this transaction.	
38	RRSTransaction-ChannelLocation-Type	string20	Client-specified location type associated with the transaction channel used to initiate this event.	
39	RRSTransaction-ChannelRisk	Integer3	Client-specified level of risk associated with the transaction channel through which this transaction was initiated.	
40	RRSTransaction-ProductSubtype	string30	Allows for specification of transaction product subtypes associated with the provided transaction product types	

Table 14: BackOfficeTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
41	RRSTransaction-ProductType	string30	Financial product involved in this transaction.	
42	RRSTransaction-Purpose	string20	Purpose of this transaction.	
43	OffsetAccountEffectiveRisk	Integer3	Level of risk associated with the offset account as determined in large part by membership on one or more watch lists.	
44	OffsetAccountEffectiveRiskFactor	string50	Property or association of the offset account driving the offset account effective risk.	
45	OffsetAccountIdentifier	string50	For book transfers between accounts at the client, identifier of the account on the contra side of this transaction. This should not be a general ledger/holding account used to facilitate the transfer, but rather the ultimate source account (for credits) or destination account (for debits) of the funds or securities involved in this transaction.	
46	OffsetAccount-WatchListIdentifier	string3	Unique identifier that describes a source of Watch List data.	

Table 14: BackOfficeTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
47	OffsetAccount-WatchListMatch-Text	string2000	Text of the identifier or name associated with the watch list record that was used to populate entity risk.	
48	OffsetAccountingRule	string1	Manner in which the cash or security involved in this transaction is held in the offset account (for example, on a cash basis, on margin, or as a short position).	
49	PaymentInterestRate	decimal20	Interest rate paid on this transaction. This transaction must be associated with a swap.	
50	PaymentInterestRateType	string3	Type of interest rate paid on this transaction (for example, fixed or floating). This transaction must be associated with a swap.	
51	PhysicalDelivery-Address	string255	If this transaction involves the physical delivery of securities, identifies the address of the destination financial institution.	
52	PostingDate	Date	Date on which this transaction was posted to this account in the records.	

Table 14: BackOfficeTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
53	PostingDate-UTC	Date	Date on which a transaction was posted to a customer account (including positions and balances data) that corresponds to the posting UTC time.	
54	PostingTime	string9	Time at which this transaction was posted to this account in the records.	
55	PostingTime-UTC	string9	Time in UTC at which a transaction was posted to a customer account, including positions and balances data.	
56	PostingTimeOffset	string6	Number of hours offset from local to UTC for posting time.	
57	PrincipalComponentAmount-Base	decimal20	Monetary amount in base currency being transferred to or from the principal holdings within this account via this transaction. This field applies only to accounts with segregated holdings of principal and income.	

Table 14: BackOfficeTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
58	PrincipalComponentAmount-Reporting	decimal20	Monetary amount in reporting currency being transferred to or from the principal holdings within this account via this transaction. This field applies only to accounts with segregated holdings of principal and income.	
59	ProductCategory	string4	Highest and most general classification for the security associated with this transaction.	
60	ProductRisk	Integer3	Identifier of the level of risk associated with the client's product that was involved in this transaction.	
61	ProductSubtype	string20	Subtype classification for the security associated with this transaction.	
62	ProductType	string20	Type within the high-level product category for the security associated with this transaction.	
63	RebookedTransactionIdentifier	string50	For rebooking transactions, contains the transaction reference identifier of the original transaction that is being corrected.	

Table 14: BackOfficeTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
64	RecurringTransactionIndicator	string1	Indicator of whether this is a scheduled recurring transaction (for example, scheduled bill payment or mutual fund recurring purchase).	
65	ReportingCurrency	string3	Currency in which statements for the associated account are denominated.	
66	RestrictedSecurityIndicator	string1	Indicator of whether the security involved in this transaction is under trading restrictions.	
67	SecurityIdentifier	string50	Identifier (if applicable) of the security involved in this transaction.	
68	SecurityRegistrationName	string50	If this transaction involves the physical delivery of securities, identifies the full name of the owner delivering the securities.	
69	StatementSuppressionIndicator	string1	Indicator of whether this transaction is suppressed from appearing on the customer's statement.	
70	StructuredDealIdentifier	string50	For transactions that are part of the fulfillment of a structured deal, the identifier of that structured deal.	

Table 14: BackOfficeTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
71	TaxWithholding-Code	string3	For credit transactions, indicates whether taxes are to be withheld.	
72	TransactionActivityRisk	Integer3	Level of risk associated with the activity for this transaction, based on geography risk, channel risk, product risk, and effective risk of the offset account.	
73	Transaction-Amount-Activity	decimal20	Monetary value in activity currency of the funds or securities transferred via this transaction. For issue cashiering, the value can be calculated from the security's closing price or its price at the time of this transaction.	
74	Transaction-Amount-Base	decimal20	Monetary value in base currency of the funds or securities transferred via this transaction. For issue cashiering, the value can be calculated from the security's closing price or its price at the time of this transaction.	

Table 14: BackOfficeTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
75	Transaction-Amount-Reporting	decimal20	Monetary value in reporting currency of the funds or securities transferred via this transaction. For issue cashing, the value can be calculated from the security's closing price or its price at the time of this transaction.	
76	TransactionDescription	string700	Free-text description of this transaction.	
77	TransactionEntityRisk	Integer3	Level of risk associated with account on this transaction, based on the effective risk of the entity.	
78	TransactionEntityRiskFactor	string50	Property or association of the entity driving the entity risk.	
79	TransactionEntry-SystemLogon-Identifier	string50	System logon used by the individual at the client who entered this transaction. If this transaction is entered through an automated channel, this field contains the system logon associated with that channel.	
80	TransactionEntry-TerminalIdentifier	string40	Terminal used to enter this transaction.	

Table 14: BackOfficeTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
81	TransactionEntry-UserIdentifier	string50	Individual who entered this transaction. This field should not have a value if the transaction was performed through an automated channel.	
82	TransactionReferencelIdentifier	string50	Identifier that uniquely identifies this transaction.	
83	Transaction-Type1Code	string20	Identifies the type of this transaction.	
84	Transaction-Type2Code	string20	Identifies the type of this transaction.	
85	Transaction-Type3Code	string20	Identifies the type of this transaction.	
86	Transaction-Type4Code	string20	Identifies the type of this transaction.	
87	Transaction-WatchListIdentifier	string3	Unique identifier that describes a source of watch list data.	
88	Transaction-WatchListMatch-Text	string2000	Text of the identifier or name associated with the watch list record that was used to populate entity risk.	
89	TrustedTransactionFlag	string1	Indicator that this is a transaction involving trusted pairs.	

Table 14: BackOfficeTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
90	UnitQuantity	decimal20	Total number of units (for example, shares or contracts) of the specified security being transferred via this transaction.	
91	UnrelatedParty-Code	string2	Indicator of whether this transaction is to or from an unrelated party. The value can be used to convey the basis by which this determination was made (for example, address matching or name matching).	
92	Custom1Date	Date	Custom date field	
93	Custom1Real	decimal20	Custom number field	
94	Custom1Text	string255	Custom text field	
95	Custom2Date	Date	Custom date field	
96	Custom2Real	decimal20	Custom number field	
97	Custom2Text	string255	Custom text field	
98	Custom3Date	Date	Custom date field	
99	Custom3Real	decimal20	Custom number field	
100	Custom3Text	string255	Custom text field	

Table 14: BackOfficeTransaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
101	Custom4Text	string255	Custom text field	
102	Custom5Text	string255	Custom text field	
103	SourceSystem	string3	Source system from which this data content is extracted.	
104	ProcessingBatch	string20	Ingestion batch in which this data record is processed.	
105	SubmissionDate	Date	Business date for which the data record was created.	
106	AdditionalTransactionDetails	TransactionDetails	Additional transaction details. Refer to TransactionDetails for more details.	

Table 15 details the insurance transaction expected from ECM source System.

Table 15: Insurance Transaction Element

SI No	Attribute	Data Type	Definition	Instruction
1	RRSInsurance-TransactionIdentifier	Integer22	OFSRR specific identifier for this insurance transaction data record.	
2	InsuranceTransactionReferenceIdentifier	string50	Transaction identifier	
3	InsurancePolicy-Identifier	string50	Identifier of the insurance policy involved in this transaction.	
4	RRSTransaction-AssetClass	string20	Class of asset involved in this transaction.	
5	RRSFundMovementMechanism	string30	Mechanism use to move the funds in this transaction.	

Table 15: Insurance Transaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
6	RRSTransaction-Purpose	string20	Purpose of this transaction.	
7	RRSTransaction-AdjustmentCode	string10	Type of adjustment being made to this transaction.	
8	RRSTransaction-Channel	string20	Channel used to initiate this transaction.	
9	Transaction-Type1Code	string20	Identifies the type of this transaction	
10	Transaction-Type2Code	string20	Identifies the type of this transaction.	
11	Transaction-Type3Code	string20	Identifies the type of this transaction.	
12	Transaction-Type4Code	string20	Identifies the type of this transaction.	
13	TransactionDate	Date	Date for this transaction.	
14	TransactionTime	string9	Time of this transaction	
15	TransactionDate-UTC	Date	Date of this transaction that corresponds to the transaction time – UTC.	
16	TransactionTime-UTC	string9	Time of this transaction in UTC.	
17	TransactionTimeOffset	string6	Number of hours offset from local to UTC for transaction time.	
18	PostingDate	Date	Date on which this transaction was posted to this policy in the records.	
19	PostingTime	string9	Time at which this transaction was posted to this policy in the records.	

Table 15: Insurance Transaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
20	PostingDate-UTC	Date	Date on which a transaction was posted to a policy that corresponds to the posting time – UTC.	
21	PostingTime-UTC	string9	Time in UTC at which a transaction was posted to this policy.	
22	PostingTimeOffset	string6	Number of hours offset from local to UTC for posting time.	
23	AsOfDate	Date	Effective date for this transaction. This differs from the transaction date only when the transaction is entered retroactively.	
24	AsOfTime	string9	Effective time of this transaction. This will be different from the transaction time only when the transaction is entered retroactively.	
25	AsOfDate-UTC	Date	Effective date for this transaction that corresponds to the as of time – UTC.	
26	AsOfTime-UTC	string9	Time in UTC that this transaction is effective for this policy.	
27	AsOfTimeOffset	string6	Number of hours offset from local to UTC for as of time.	
28	Transaction-Amount-Base	decimal20	Monetary value in base currency of the funds involved in this transaction.	
29	Transaction-Amount-Reporting	decimal20	Monetary value in reporting currency of the funds involved this transaction.	

Table 15: Insurance Transaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
30	ReportingCur- rency	string3	Currency in which statements for the associated policy are denominated.	
31	TransactionDe- scription	string700	Free-text description of this transaction.	
32	CreditDebitCode	string1	Indicator of whether assets are being trans- ferred into (credit) or out of (debit) this pol- icy by this transaction.	
33	ReplacedTransac- tionIdentifier	string50	For Full Replace/Cancel transaction events, contains the transac- tion reference identi- fier of the original transaction that is being cancelled. For cancel/delete transac- tion events, contains the transaction refer- ence identifier of the original transaction that is being deleted.	
34	RecurringTrans- actionIndicator	string1	Indicator of whether this is a scheduled recurring transaction (for example, sched- uled premium pay- ment).	
35	CounterPar- tyName	string350	Name of the counter party exactly as it appears on this trans- action.	
36	CounterParty- Identifier	string50	Identifier for the counter party on this transaction.	
37	CounterParty- IdentifierType	string20	Type of counter party identifier provided for this party.	

Table 15: Insurance Transaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
38	CounterPartyFinancialInstitution- Identifier	string50	Identifier for the financial institution associated with the counter party on this transaction. This value might be a financial institution identifier (for example, ABA number or BIC) or other standard industry identifier (for example, TIN or account number).	
39	CounterPartyFinancialInstitution- IdentifierType	string20	Identifier of the type of counter party financial institution identifier provided for this counter party.	
40	PostalCode	string20	Postal code component of the address associated with this party.	
41	StateorProvince	string20	State or province component of the address associated with this party.	
42	StreetLine1	string60	First line of the street component of the address associated with this party.	
43	StreetLine2	string60	Second line of the street component of the address associated with this party.	
44	StreetLine3	string60	Third line of the street component of the address associated with this party.	
45	StreetLine4	string60	Fourth line of the street component of the address associated with this party.	

Table 15: Insurance Transaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
46	StreetLine5	string60	Fifth line of the street component of the address associated with this party.	
47	StreetLine6	string60	Sixth line of the street component of the address associated with this party.	
48	Custom1Date	Date	Custom date field	
49	Custom2Date	Date	Custom date field	
50	Custom3Date	Date	Custom date field	
51	Custom1Real	decimal20	Custom number field	
52	Custom2Real	decimal20	Custom number field	
53	Custom3Real	decimal20	Custom number field	
54	Custom1Text	string255	Custom text field	
55	Custom2Text	string255	Custom text field	
56	Custom3Text	string255	Custom text field	
57	Custom4Text	string255	Custom text field	
58	Custom5Text	string255	Custom text field	
59	ChannelRisk	Integer3	Level of risk associated with the channel used in this transaction.	

Table 15: Insurance Transaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
60	ProductRisk	Integer3	Identifier of the level of risk associated with the insurance product that was involved in this transaction.	
61	TransactionActivityRisk	Integer3	Level of risk associated with the activity for this transaction, based on geography risk, channel risk, and product risk.	
62	TransactionEntityRisk	Integer3	Level of risk associated with account on this transaction, based on the effective risk of the entity.	
63	TransactionEntityWatchListIdentifier	string3	Unique identifier that describes a source of watch list data.	
64	TransactionEntityWatchListMatchText	string2000	Text of the identifier or name associated with the watch list record that was used to populate entity risk.	
65	SourceSystem	string3	Source system from which this data content is extracted.	
66	ProcessingBatch	string20	Ingestion batch in which this data record is processed.	
67	SubmissionDate	Date	Business date for which the data record was created.	
68	City	string50	City component of the address associated with the counter party	
69	Country	string3	Country component of the address associated with the counter party.	
70	RRSInstitutionAddressIdentifier	Integer22	Identifier for this institution address.	
71	RRSInstitutionIdentifier	Integer22	Identifier for this financial institution.	

Table 15: Insurance Transaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
72	TransactionActivityRiskFactor	string50	Property or association of the entity driving the activity risk.	
73	TransactionActivityWatchListIdentifier	string3	Unique identifier that describes a source of watch list data.	
74	TransactionActivityWatchListMatchText	string350	Text of the identifier or name associated with the watch list record that was used to populate entity risk.	
75	CounterPartyDerivedEntityIdentifier	Integer22	Identifier for the derived entity acting as counter party on this transaction	
76	TrustedTransactionFlag	string1	indicator that this is a transaction involving trusted pairs.	
77	InsurancePolicyIDCounterpartyIDFlag	string1	Indicator of a trusted relationship between parties in this combination of roles.	
78	RRSTransactionChannelDetail1	string250	Detail regarding the channel used to initiate this transaction.	
79	RRSTransactionChannelDetail2	string250	Detail regarding the channel used to initiate this transaction.	
80	RRSTransactionChannelDetail3	string250	Detail regarding the channel used to initiate this transaction.	
81	RRSTransactionChannelDetail4	string250	Detail regarding the channel used to initiate this transaction.	
82	RRSTransactionChannelDetail5	string250	Detail regarding the channel used to initiate this transaction.	
83	RRSTransactionChannelDetail6	string250	Detail regarding the channel used to initiate this transaction.	
84	RRSTransactionChannelDetail7	string250	Detail regarding the channel used to initiate this transaction.	

Table 15: Insurance Transaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
85	RRSTransaction-ChannelDetail8	string250	Detail regarding the channel used to initiate this transaction.	
86	RRSTransaction-ChannelDetail9	string250	Detail regarding the channel used to initiate this transaction.	
87	RRSTransaction-ChannelDetail10	string250	Detail regarding the channel used to initiate this transaction.	
88	RRSTransaction-ChannelRisk	Integer3	Client-specified level of risk associated with the transaction channel through which this transaction was initiated.	
89	RRSTransaction-ChannelGeoLocation	string80	Geo location associated with the transaction channel used to initiate this transaction.	
90	RRSTransaction-ChannelLocation-Type	string20	Client-specified location type associated with the transaction channel used to initiate this event.	
91	RRSTransaction-ChannelLocationId	string50	Location identifier associated with the transaction channel used to initiate this transaction.	
92	RRSTransaction-ChannelLocation-Name	string350	Location name associated with the transaction channel used to initiate this transaction.	
93	RRSTransaction-ChannelLocation-Address	string350	Location address associated with the transaction channel used to initiate this transaction.	
94	BankcardIdentifier	Integer20	Identifier of the bank card utilized in this access event.	

Table 15: Insurance Transaction Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
95	TransactionEntry-SystemLogon-Identifier	string50	System logon used by the individual at the client who entered this transaction. If this transaction is entered through an auto-mated channel, this field contains the system logon associated with that channel.	
96	TransactionEntry-UserIdentifier	string50	Individual who entered this transaction. This field should not have a value if the transaction was performed through an auto-mated channel.	
97	InitiatingRole	string1	Identifier of whether transaction originated as a request from the debited account or credited account.	
98	AdditionalTransactionDetails	TransactionDetails	Additional transaction details. Refer to TransactionDetails for more details.	

Table 16 provides the derived entity details expected from ECM source System.

Table 16: DerivedEntity Element

SI No	Attribute	Data Type	Definition	Instruction
1	RRSDerivedEntityIdentifier	Integer22	OFSRR-specific identifier for this derived entity data record.	
2	DerivedEntityName	string350	Name of the derived entity.	
3	DerivedEntityIdentifier	string50	Identifier for the derived entity.	
4	DerivedEntityType	string20	Type of identifier given in the derived entity identifier column.	
5	EffectiveRisk	Integer3	Level of risk associated with this derived entity as determined in large part by membership on one or more watch lists.	
6	LastUpdateDate	Date	Business date for which the data record was last updated.	
7	SubmissionDate	Date	Business date for which the data record was created.	
8	InstitutionCountryCode	string3	Country code associated with the related institution when one is identified for this derived entity.	
9	WatchListIdentifier	string3	Identifier of the watch list that was used to populate list risk for this derived entity.	
10	WatchListMatchText	string2000	Text of the identifier or name associated with the watch list record that was used to populate list risk for this derived entity.	
11	WatchListMatchType	string3	Type of entity in the watch list match text.	
12	LastProcessingBatch	string20	Ingestion batch in which this data record was last processed.	

Table 16: DerivedEntity Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
13	WatchListRisk	Integer3	Identifier of the level of risk associated with this derived entity on the watch list record that established the derived entity effective risk.	
14	Jurisdiction	string4	Jurisdiction associated with this derived entity.	
15	BusinessDomain	string65	Derived entity's business domain(s).	

Table 17 provides the derived address details expected from ECM source System.

Table 17: DerivedAddress Element

SI No	Attribute	Data Type	Definition	Instruction
1	RRSDerivedAddressIdentifier	Integer22	OFsRR-specific identifier for this derived address data record. This represents a specific address master record.	
2	Address	string255	Street address	
3	City	string50	City component of the mailing address.	
4	State	string20	State component of the mailing address.	
5	PostalCode	string20	Postal zip code of the mailing address.	
6	Country	string3	Country code of the mailing address.	
7	EffectiveRisk	Integer3	Level of risk associated with this derived address as determined in large part by a section of the address that matches an entry on one or more watch lists.	
8	WatchListIdentifier	string3	Identifier of the watch list record that was used to populate list risk for this derived address.	
9	WatchListMatch-Type	string3	Text of the identifier or name associated with the watch list record that was used to populate list risk for this account.	
10	LastUpdateDate	Date	Business date for which the data record was last updated.	
11	AddressLine1	string60	First line of the address.	
12	AddressLine2	string60	Second line of the address.	

Table 17: DerivedAddress Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
13	AddressLine3	string60	Third line of the address.	
14	AddressLine4	string60	Fourth line of the address.	
15	AddressLine5	string60	Fifth line of the address.	
16	AddressLine6	string60	Sixth line of the address.	
17	SubmissionDate	Date	Business date for which the data record was submitted.	
18	LastProcessing-Batch	string20	Ingestion batch in which this data record was last processed.	
19	WatchListMatch-Text	string2000	Text of the identifier or name associated with the watch list record that was used to populate list risk for this account.	
20	WatchListRisk	Integer3	Identifier of the level of risk associated with this derived address on the watch list record that established the derived address effective risk.	
21	Jurisdiction	string4	Jurisdiction associated with this Derived Entity.	
22	BusinessDomain	string65	Derived Entity's business domain(s).	
23	RRSFocusIndicator	string1	Indicator of whether the derived address is complete enough to be considered for the focal entity of an alert.	

Table 18 provides the correspondence bank details expected from ECM source System.

Table 18: CorrespondentBank Element

SI No	Attribute	Data Type	Definition	Instruction
1	RRSCorrespondentBankSequenceIdentifier	Integer22	OFSRR-specific identifier for this financial institution	

Table 18: CorrespondentBank Element

SI No	Attribute	Data Type	Definition	Instruction
2	SubmissionDate	Date	Business date for which the data record was created.	
3	EffectiveRisk	Integer3	Level of risk associated with this correspondent bank as determined in large part by membership on one or more watch lists.	
4	WatchListIdentifier	string3	Unique code that describes a source of watch list data	
5	WatchListMatch-Text	string2000	Text of the identifier or name associated with the watch list record that was used to populate watch list risk for this customer.	
6	BusinessUnit	string20	Business unit code to which this correspondent bank belongs.	
7	AccountManager-Name	string20	Business unit code to which this correspondent bank belongs.	
8	LastUpdateDate	Date	Business date on which the data record was last updated.	
9	WatchListRisk	Integer3	Identifier of the level of risk associated with the correspondent bank determined by membership on one or more watch lists.	
10	WatchListMatch-Type	string3	Type of entity in the watch list match text.	
11	LastProcessing-Batch	string20	Ingestion batch in which data record was last processed	
12	Jurisdiction	string4	Jurisdiction associated with this correspondent bank.	
13	BusinessDomain	string65	Correspondent bank's business domain(s).	

Table 19 provides the loss recovery summary details expected from ECM source System.

Table 19: LossRecoverySummary Element

SI No	Attribute	Data Type	Definition	Instruction
1	ReviewId	Integer10		
2	LossRecoveryCostCenterSeqId	Integer10		
3	LossRecoveryCostCenterVersionNumber	Integer10		
4	PrimaryGLAccountInternalId	string50		
5	OffsetAccountInternalId	string50		
6	PrimaryCostCenterId	string10		
7	OffsetCostCenterId	string10		
8	ChargeOffDate	Date		
9	LossRecoveryCostCenterStatusCode	string20		
10	TotalPotentialLossAmount	decimal20		
11	TotalAvertedLossAmount	decimal20		
12	TotalLossRecoveryAmount	decimal20		
13	TotalNetLossAmount	decimal20		
14	LastUpdateDate	Date		
15	LastCreateId	string255		

Table 20 provides the financial institution details expected from ECM source System.

Table 20: FinancialInstitution Element

SI No	Attribute	Data Type	Definition	Instruction
1	RRSFinancialInstitution-Identifier	Integer22	OFSRR-specific identifier for this financial institution.	
2	FinancialInstitutionIdentifier	string50	External financial institution ID (such as ABA number or BIC).	
3	FinancialInstitutionIdentifierType	string20	Type of external financial institution ID represented in Institution Identifier.	
4	FinancialInstitutionName	string105	Name of the financial institution.	
5	FinancialInstitutionCountry	string3	Country code where the financial institution's HQ resides.	
6	LargeFinancialInstitution-Indicator	string1	Flag that indicates whether this financial Institution is a large financial institution. (Exclusionary flag).	
7	FinancialInstitutionToEnterpriseIndicator	string1	Flag that indicates whether the financial institution belongs to the enterprise.	
8	Address	string255	Address text.	
9	City	string50	City component of the mailing address.	
10	State	string20	State component of the mailing address.	
11	Country	string3	Country code of the mailing address.	
12	ZipCode	string20	Zip code component of the address associated.	
13	SubmissionDate	Date	Business date for which the data record is created	
14	ProcessingBatch	string20	Ingestion batch in which this data record is processed.	

Table 20: FinancialInstitution Element

SI No	Attribute	Data Type	Definition	Instruction
15	SourceSystem	string3	Source system from which the data has been extracted.	
16	SupervisorCode	string255	Supervisor's code.	
17	BranchBIK	string9	BIK of the bank.	
18	BranchOKATO	string2	OKATO of the bank.	
19	BankRegistrationNumber	string4	Banks registration number.	
20	AddressOfFinInst	Address-Type	Address of the Financial Institution.	
21	EIN	string9	EIN if the Financial institution.	
22	PrimaryFederalRegulator	Integer10	Primary Federal Regulator.	
23	ReportingBranchDetails	BranchType	Details of the reporting branch.	
24	MultipleBranches	string1	Flag to indicate if multiple branches are reported.	
25	ContactInfoDetails	Contact-Type	Contact details. Refer to ContactInfoDetails for more information.	

Table 21 provides the transaction details expected from ECM source System.

Table 21: TransactionDetails Element

SI No	Attribute	Data Type	Definition	Instruction
1	LossAmount	decimal20	Loss Amount.	
2	RecoveryAmount	decimal20	Recovery Amount.	
3	BondingCompanyNotified	string1	Flag to check if the bonding company is notified.	
4	MaterialImpact	string1	Flag to check if there was a material impact.	
5	PersonContactedatLawEnforcementAgency	NameType	Name of the person contacted at the law enforcement agency.	
6	PhoneOfPersonContactedatLawEnforcementAgency	PhoneType	Phone details of the person contacted at the law enforcement agency.	
7	LawAgenciesContacted	string10	Details of the law agencies contacted.	
8	SuspiciousActivity-Characteristics_Groundsfor_Suspicion_Reason	string30	Reason for suspicion.	
9	Description_of_Suspected_Criminal_Activity_Elaboration	string4000	Description of the suspected criminal activity.	
10	AttemptedButNotCompletedTheTransaction	string1	Flag to check if the transaction was completed or not.	
11	Frequency	string10	Frequency of the transaction.	
12	PrimaryAccount	string1	Flag to check if this is a primary account.	
13	SignatoryDetails	Signatory-Type	Details of the Signatory. Refer to SignatoryType for more details.	
14	Introducer_Guarantor-Details	Introducer-Type	Details of the Introducer/Guarantor. Refer to IntroducerType for more details.	

Table 21: TransactionDetails Element

SI No	Attribute	Data Type	Definition	Instruction
15	TransactionNumber	string50	Transaction number.	
16	InternalRefNumber	string50	Internal reference number of the transaction.	
17	TransactionLocation	string255	Location where transaction occurred.	
18	TransactionDescription	string4000	Description of the transaction.	
19	Teller	string20	Teller information.	
20	Authorized	string20	Authorized information.	
21	LateDeposit	string1	Flag to check for late deposit.	
22	DatePosting	Date	Date of posting.	
23	ValueDate	Date	Value date.	
24	TransmodeCode	string20	Transaction mode code.	
25	TransmodeComment	string50	Comment on the transaction mode comment.	
26	FundsCode	string20	Funds Code.	
27	FundsComment	string255	Comment on funds code.	
28	MonetaryInstrument	string2	Monetary instrument.	
29	OperationPeriod	Date	Period of operation.	
30	DateOfDetection	Date	Date of detection.	
31	SuspiciousActivity-Characteristic	string30	Details of the suspicious activity.	
32	TransactionType	string30	Type of transaction.	

Table 22 provides the transaction goods services details expected from ECM source System.

Table 22: TransactionGoodsServices Element

SI No	Attribute	Data Type	Definition	Instruction
1	ItemType	string255	Describes the item type.	
2	ItemMake	string255	Item maker	
3	Description	string4000	Item description	
4	PreviouslyRegisteredTo	string500	Name of previous owner.	
5	PresentlyRegisteredTo	string500	Name of current owner.	
6	EstimatedValue	decimal20	Estimated value of the property.	
7	StatusCode	string255	Status of the transaction.	A: Bought B: Sold C: Let D: Hired E: Exchanged F: Donated G: Destroyed H: Other
8	StatusComments	string500	Status comments	
9	DisposedValue	decimal20	Effective value for property transfer.	
10	CurrencyCode	string10		
11	Size	decimal20	Size of the property.	
12	SizeUom	string250	Unit of measurement.	
13	RegistrationDate	Date	Official registration date.	
14	RegistrationNumber	string500	Official registration number.	

Table 22: TransactionGoodsServices Element

SI No	Attribute	Data Type	Definition	Instruction
15	Identification-Number	string255	Any number that can identify the item.	
16	Comments	string4000	Additional comments regarding the property transfer.	
17	Address	AddressType	Address of the property.	

Table 23 provides the involved party details expected from ECM source System.

Table 23: InvolvedPartyDetail Element

SI No	Attribute	Data Type	Definition	Instruction
1	NvlvdPartySeqId	Integer10	Involved Party Sequence ID	
2	NvlvdPartyVrsnNb	Integer10	Involved party version number	
3	NvlvdPartyActiveFl	string1	Involved party Active flag	
4	CreatDt	Date	Created date	
5	CreatId	Integer10	Created ID	
6	LockId	Integer10	Lock ID	
7	LockTs	Date	Lock date	
8	PartyIdTypeCd	string20	Party ID type code	
9	PartyId	string50	Party ID	
10	PartyIdIssngAuthNm	string50	Party ID issuing authority number	
11	FirstNm	string30	First name	
12	MiddleNm	string30	Middle name	
13	LastNm	string30	Last name	
14	FullNm	string150	Full name	
15	TaxId	string20	Tax ID	
16	BirthDt	Date	Date of birth	
17	OcptnNm	string100	Occupation name	
18	AddrStrtTx	string200	Address street	
19	AddrCityNm	string50	City	
20	AddrStateCd	string20	State	
21	AddrPostlCd	string20	Postal code	

Table 23: InvolvedPartyDetail Element (Continued)

SI No	Attribute	Data Type	Definition	Instruction
22	AddrCntryCd	string3	Country code	
23	RlshpYrCt	string5	Relationship year count	
24	PartyDescNoteld	Integer10	Party description note ID	
25	EmpFl	string1	Employee flag	
26	LinkedCaseCt	Integer6	Linked case count	
27	BusDmnSt	string65	Business domain street	
28	HomePhonNb	string25	Home phone number	
29	HomePhonExtNb	string5	Home phone extension number	
30	WorkPhonNb	string25	Work phone number	
31	WorkPhonExtNb	string5	Work phone extension number	

Table 24 provides the review involved party link details expected from ECM source System.

Table 24: ReviewInvolvedPartyLink Element

SI No	Attribute	Data Type	Definition	Instruction
1	ReviewId	Integer10	Review ID	
2	NvlvdPartySeqId	Integer10	Involved party sequence ID	
3	RlshpVrsnNb	Integer10	Relationship version number	
4	RlshpActiveFl	string1	Relationship active flag	
5	RlshpTypeCd	string3	Relationship type code	
6	CreatId	Integer10	Created ID	
7	CreatDt	Date	Created date	

Table 25 provides the security type details expected from ECM source System.

Table 25: SecurityType Element

SI No	Attribute	Data Type	Definition	Instruction
1	Domain1	string40	The Jurisdiction associated with the report.	
2	Domain2	string65	The second security attribute (like Case Type) associated with the report.	
3	Domain3	string255	The third security attribute (like Sub Type) associated with the report.	
4	Domain4	string40	The fourth security attribute (like Business Domain) associated with the report.	

Table 25: SecurityType Element

SI No	Attribute	Data Type	Definition	Instruction
5	Domain5	string40	The fifth security attribute (like Organization) associated with the report.	

3.1 Sample Request XML Structure

The following is a sample request XML structure:

```
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<tns:Request xmlns:tns="http://www.ofs.com/reveleus/rrs/model/RRSRequest"
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www.ofs.com/reveleus/rrs/model/RRSRequest RRSGenericXSD.xsd ">

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<State>State</State>

<Country>Country</Country>

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AlternateCustomerIdentifier>

```



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<MigrationCardDetails-Number>MigrationCardDetails-Number</MigrationCardDetails-
Number>
<MigrationCardDetails-StartDate>2001-01-01</MigrationCardDetails-StartDate>
<MigrationCardDetails-EndDate>2001-01-01</MigrationCardDetails-EndDate>
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<LastName>LastName</LastName>
<SuffixName>SuffixName</SuffixName>
<TitleName>TitleName</TitleName>
<PrefixName>PrefixName</PrefixName>
</OtherPreviousName1>
<OtherPreviousName2>
```

```

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<SuffixName>SuffixName</SuffixName>
<TitleName>TitleName</TitleName>
<PrefixName>PrefixName</PrefixName>
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<OtherPreviousName3>
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<LastName>LastName</LastName>
<SuffixName>SuffixName</SuffixName>
<TitleName>TitleName</TitleName>
<PrefixName>PrefixName</PrefixName>
</OtherPreviousName3>
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Suspension_Termination_ResignationDate>
<RelationshipWithFinancialInstitutionCode>RelationshipWithFinancialInstitutionCode</
RelationshipWithFinancialInstitutionCode>
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<MultipleSuspects>MultipleSuspects</MultipleSuspects>
<OtherFacilitiesWithBank>OtherFacilitiesWithBank</OtherFacilitiesWithBank>
<SpouseName>
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.....
.....
.....
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<SuspiciousActivityCharacteristic_Groundsfor_Suspicion_Reason>SuspiciousActivityChara
cterestic_Groundsfor_Suspicion_Reason</
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<Description_of_Suspected_Criminal_Activity_Elaboration>Description_of_Suspected_Crim
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```

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<Frequency>Frequency</Frequency>

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    <MiddleName>MiddleName</MiddleName>
    <LastName>LastName</LastName>
    <SuffixName>SuffixName</SuffixName>
    <TitleName>TitleName</TitleName>
    <PrefixName>PrefixName</PrefixName>
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  <Nationality>Nationality</Nationality>
  <ID>
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    <IDNo>IDNo</IDNo>
    <IssuedBy>IssuedBy</IssuedBy>
    <ExpiryDate>2001-01-01</ExpiryDate>
    <IssuedDate>2001-01-01</IssuedDate>
    <IssuedCountry>IssuedCountry</IssuedCountry>
  </ID>
  <HomeAddress>
    <TypeOfAddress>TypeOfAddress</TypeOfAddress>
    <Street>Street</Street>
    <Town>Town</Town>
    <PostCode>PostCode</PostCode>
    <State>State</State>
    <Country>Country</Country>
  </HomeAddress>
</SignatoryDetails>

<Introducer_GuarantorDetails>
  <Name>
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    <MiddleName>MiddleName</MiddleName>
    <LastName>LastName</LastName>
    <SuffixName>SuffixName</SuffixName>
```

```

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<PrefixName>PrefixName</PrefixName>
</Name>
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<IDNo>IDNo</IDNo>
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<IssuedDate>2001-01-01</IssuedDate>
<IssuedCountry>IssuedCountry</IssuedCountry>
</ID>
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</Introducer_GuarantorDetails>
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<InternalRefNumber>InternalRefNumber</InternalRefNumber>
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<Authorized>Authorized</Authorized>
<LateDeposit>LateDeposit</LateDeposit>
<DatePosting>2001-01-01</DatePosting>
<ValueDate>2001-01-01</ValueDate>
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<TransmodeComment>TransmodeComment</TransmodeComment>
<FundsCode>FundsCode</FundsCode>
<FundsComment>FundsComment</FundsComment>
<MonetaryInstrument>MonetaryInstrument</MonetaryInstrument>
<OperationPeriod>2001-01-01</OperationPeriod>
<DateOfDetection>2001-01-01</DateOfDetection>
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</AdditionalTransactionDetails>
<TransactionGoodsServices>
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<ItemMake>ItemMake</ItemMake>
<Description>Description</Description>

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```

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<PresentlyRegisteredTo>PresentlyRegisteredTo</PresentlyRegisteredTo>
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<StatusComments>StatusComments</StatusComments>
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<CurrencyCode>CurrencyCode</CurrencyCode>
<Size>0.0</Size>
<SizeUom>SizeUom</SizeUom>
<RegistrationDate>2001-01-01</RegistrationDate>
<RegistrationNumber>RegistrationNumber</RegistrationNumber>
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  <TypeOfAddress>TypeOfAddress</TypeOfAddress>
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  <Town>Town</Town>
  <PostCode>PostCode</PostCode>
  <State>State</State>
  <Country>Country</Country>
</Address>
</TransactionGoodsServices>
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  <SubmissionDate>2001-01-01</SubmissionDate>
  <RRSCustomerIdentifier>0</RRSCustomerIdentifier>
  <FinancialProfileLastUpdateDate>2001-01-01</FinancialProfileLastUpdateDate>
  <CustomerTypeCode>CustomerTypeCode</CustomerTypeCode>
  <CustomerAddDate>2001-01-01</CustomerAddDate>
  <TaxIdentifier>TaxIdentifier</TaxIdentifier>
  <TaxIdentifierFormat>TaxIdentifierFormat</TaxIdentifierFormat>
  <StatedAnnualIncome-Base>0.0</StatedAnnualIncome-Base>
  <StatedNetWorth-Base>0.0</StatedNetWorth-Base>
  <StatedLiquidNetWorth-Base>0.0</StatedLiquidNetWorth-Base>
  <EquityKnowledge>EquityKnowledge</EquityKnowledge>
  <FixedIncomeKnowledge>FixedIncomeKnowledge</FixedIncomeKnowledge>
  <OptionKnowledge>OptionKnowledge</OptionKnowledge>
  <OverallKnowledge>OverallKnowledge</OverallKnowledge>

```

```

<OverallExperience>OverallExperience</OverallExperience>
<YearsofEquityExperience>0</YearsofEquityExperience>
<YearsofFixedIncomeExperience>0</YearsofFixedIncomeExperience>
<YearsofOptionsExperience>0</YearsofOptionsExperience>
<AnnualEquityTrades>0</AnnualEquityTrades>
<AnnualFixedIncomeTrades>0</AnnualFixedIncomeTrades>
<AnnualOptionTrades>0</AnnualOptionTrades>
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<AverageOptionTradeAmount-Base>0.0</AverageOptionTradeAmount-Base>
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<Title>Title</Title>
<Form_407_fl>Form_407_fl</Form_407_fl>
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<SecondaryCitizenship>SecondaryCitizenship</SecondaryCitizenship>
<ResidentCountry>ResidentCountry</ResidentCountry>
<EmployerName>EmployerName</EmployerName>
<FinancialInstitutionEmployeeIndicator>FinancialInstitutionEmployeeIndicator</
FinancialInstitutionEmployeeIndicator>
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<MaritalStatus>MaritalStatus</MaritalStatus>
<NumberofDependents>0</NumberofDependents>
<Occupation>Occupation</Occupation>
<OrganizationName>OrganizationName</OrganizationName>
<Age>0</Age>
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<WealthSource>WealthSource</WealthSource>
<EmployeeIndicator>EmployeeIndicator</EmployeeIndicator>
<SourceSystem>SourceSystem</SourceSystem>
<OrganizationLegalStructure>OrganizationLegalStructure</OrganizationLegalStructure>
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<Alias>Alias</Alias>
<ForeignAssetsIndicator>ForeignAssetsIndicator</ForeignAssetsIndicator>

```

```

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<CustomDate3>2001-01-01</CustomDate3>
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<CustomReal2>0.0</CustomReal2>
<CustomReal3>0.0</CustomReal3>
<CustomText1>CustomText1</CustomText1>
<CustomText2>CustomText2</CustomText2>
<CustomText3>CustomText3</CustomText3>
<TotalNumberOfAccounts>0</TotalNumberOfAccounts>
<CustomerEffectiveRisk>0</CustomerEffectiveRisk>
<CustomText4>CustomText4</CustomText4>
<CustomText5>CustomText5</CustomText5>
<FinancialInstitutionIdentifierType>FinancialInstitutionIdentifierType</
FinancialInstitutionIdentifierType>
<FinancialInstitutionIdentifier>FinancialInstitutionIdentifier</
FinancialInstitutionIdentifier>
<RRSFinancialInstitutionIdentifier>0</RRSFinancialInstitutionIdentifier>
<WatchListRisk>0</WatchListRisk>
<WatchListIdentifier>WatchListIdentifier</WatchListIdentifier>
<WatchListMatchText>WatchListMatchText</WatchListMatchText>
<WatchListMatchType>WatchListMatchType</WatchListMatchType>
<Cust_bus_risk_nb>0</Cust_bus_risk_nb>
<GeographyRisk>0</GeographyRisk>
<CustomRisk1>0</CustomRisk1>
<CustomRisk2>0</CustomRisk2>
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<DayTradingKnowledge>DayTradingKnowledge</DayTradingKnowledge>
<DayTradingExperience>DayTradingExperience</DayTradingExperience>
<StatedAnnualIncome-Reporting>0.0</StatedAnnualIncome-Reporting>
<StatedNetWorth-Reporting>0.0</StatedNetWorth-Reporting>
<StatedLiquidNetWorth-Reporting>0.0</StatedLiquidNetWorth-Reporting>
<ProcessingBatch>ProcessingBatch</ProcessingBatch>
<Jurisdiction>Jurisdiction</Jurisdiction>
<BusinessDomain>BusinessDomain</BusinessDomain>
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```

```

<RRSCustomerBusinessType>RRSCustomerBusinessType</RRSCustomerBusinessType>

<CustomerEffectiveRiskFactor>CustomerEffectiveRiskFactor</
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<CreditRating>CreditRating</CreditRating>

<CreditRatingSource>CreditRatingSource</CreditRatingSource>

<CreditRatingScore>0</CreditRatingScore>

<CustomerPeerGroupIdentifier>CustomerPeerGroupIdentifier</
CustomerPeerGroupIdentifier>

<CountryofTaxation>CountryofTaxation</CountryofTaxation>

<Industry>Industry</Industry>

<DateofIncorporation>2001-01-01</DateofIncorporation>

<RegistrationType>RegistrationType</RegistrationType>

<PublicorPrivate>PublicorPrivate</PublicorPrivate>

<AlternateCustomerIdentifier>AlternateCustomerIdentifier</
AlternateCustomerIdentifier>

<CustomerStatus>CustomerStatus</CustomerStatus>

<Birthplace>Birthplace</Birthplace>

<Role>Role</Role>

<MotherMaidenName>

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<LastName>LastName</LastName>

<SuffixName>SuffixName</SuffixName>

<TitleName>TitleName</TitleName>

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</MotherMaidenName>

<AgentOrRepresentativeName>

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<LastName>LastName</LastName>

<SuffixName>SuffixName</SuffixName>

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<PrefixName>PrefixName</PrefixName>

</AgentOrRepresentativeName>

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<VisaDetails-StartDate>2001-01-01</VisaDetails-StartDate>

<VisaDetails-EndDate>2001-01-01</VisaDetails-EndDate>

<MigrationCardDetails-Number>MigrationCardDetails-Number</MigrationCardDetails-
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<MigrationCardDetails-StartDate>2001-01-01</MigrationCardDetails-StartDate>

```



```

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<InsiderRelationship>InsiderRelationship</InsiderRelationship>
<EmploymentStatusCode>EmploymentStatusCode</EmploymentStatusCode>
<Suspension_Termination_ResignationDate>2001-01-01</
Suspension_Termination_ResignationDate>
<RelationshipWithFinancialInstitutionCode>RelationshipWithFinancialInstitutionCode</
RelationshipWithFinancialInstitutionCode>
<OtherRelationship>OtherRelationship</OtherRelationship>
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<OtherFacilitiesWithBank>OtherFacilitiesWithBank</OtherFacilitiesWithBank>
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```

```
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<LastName>LastName</LastName>
<SuffixName>SuffixName</SuffixName>
<TitleName>TitleName</TitleName>
<PrefixName>PrefixName</PrefixName>
</SpouseName>
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<IDNo>IDNo</IDNo>
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<IssuedDate>2001-01-01</IssuedDate>
<IssuedCountry>IssuedCountry</IssuedCountry>
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<IssuedCountry>IssuedCountry</IssuedCountry>
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<CorporationNumber>CorporationNumber</CorporationNumber>
<Url>Url</Url>
<IncorporationState>IncorporationState</IncorporationState>
<IncorporationCountryCode>IncorporationCountryCode</IncorporationCountryCode>
<DirectorName>DirectorName</DirectorName>
</Director>
</tns:Request>
```


4 Web Service – Response Elements

Table 26 provides elements (Data Name, Attribute, and Data Type) that are a part of the response from the CRR application acknowledgment).

Table 26: Response Elements

SI No	Data Name	Attribute	Data Type	Notes
1	Focus ID	FocusId	String	Case ID provided by the ECM System.
2	Report ID	ReportId	String	Unique ID generated by OFSRR application.
3	Report Type	ReportType	String	Report type for which report request is generated in OFSRR application.
4	Acknowledgment ¹	AckCode	String	Acknowledgment code will be one of the following: 0, 1, 2, 3, 4
5	Description ¹	Description	String	The description sent will be as follows depending on the acknowledgment code: 0 - Successful 1 - Invalid user id/password 2 - Mandatory information missing 3 - Format failure 4 - Application error.
6	Status	Status	String	Report Status will be <i>opened RR record</i> .
7	IsCase	IsCase	String	The description sent will be as follows depending on whether the response is sent for case or alert: Y -Case N -Alert This is applicable only for ECM(Enterprise case management)

4.1 Sample Response XML Structure

1. Positive acknowledgment:

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<tns:Acknowledgement
xmlns:tns="http://www.ofs.com/reveleus/rre/model/RREResponse"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.ofs.com/reveleus/rre/model/RREResponse
RRSAcknowledgement.xsd ">
<FocusId>case111</FocusId>
  <ReportId>10001</ReportId>
  <ReportType></ReportType>
  <AckCode>0</AckCode>
  <Description>Successful</Description>
  <Status>OPENED RR RECORD</Status>
  <IsCase>Y</IsCase>
</tns:Acknowledgement
```

2. Negative Acknowledgment:

a. Invalid user ID/Password:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns2:Acknowledgement xmlns:ns2="http://www.ofs.com/reveleus/rre/model/
RREResponse">
  <AckCode>1</AckCode>
  <Description>Invalid User Id / Password</Description>
</ns2:Acknowledgement>
```

b. Mandatory information missing:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns2:Acknowledgement xmlns:ns2="http://www.ofs.com/reveleus/rre/
model/RREResponse">
  <AckCode>2</AckCode>
  <Description>Mandatory Information ReportType Missing</Description>
</ns2:Acknowledgement>
```

c. Format failure:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns2:Acknowledgement xmlns:ns2="http://www.ofs.com/reveleus/rre/
model/RREResponse">
  <AckCode>3</AckCode>
  <Description>Format Failure::: <Line 3, Column 19>: XML-0201: (Fatal
Error) Expected name instead of <.</Description>
</ns2:Acknowledgement>
```

d. Application error:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
```

```
<ns2:Acknowledgement      xmlns:ns2="http://www.ofs.com/reveleus/rre/
model/RREResponse">
  <AckCode>4</AckCode>
  <Description>System / Application Error::null</Description>
</ns2:Acknowledgement>
```

5 Status Update Web Service – Status Elements

The CRR application has an additional feature for sending required information to the ECM system at the time of report status change. This feature is optional and can be enabled or disabled by updating the required parameter during installation. For more information, see [Oracle Financial Services Regulatory Reporting Installation Guide](#).

The CRR application sends required information (Focus ID, Report ID, Report Type, Report Status, and Action Taken By) to the ECM system and receives acknowledgment code and descriptions from the ECM system. The Report Status is updated when a positive acknowledgment is received.

The CRR application provides the following information on statuses changed by the ECM system Web Service:

- ReportStatusReq
 - UpdateStatus
 - FocusId
 - ReportId
 - ReportType
 - ReportStatus
 - ActionTakenBy
- ReportStatusResp
 - AckCode
 - Description

Table 27 lists the elements that are a part of the status element in the CRR application.

Table 27: Status Elements

SI No	Data Name	Attribute	Data Type	Notes
1	ReportStatusReq			
1.1	UpdateStatus (1...n) Each ReportStatusReq may have more than one report status change information.			
1.1.1	Focus ID ¹	FocusId	String	Case ID will be the same as provided by the ECM system.
1.1.2	Report ID ¹	ReportId	Int	Report ID on which action has been taken by the user.
1.1.3	Report Type ¹	ReportType	String	Type of report on which action has been taken by the user.

Table 27: Status Elements

SI No	Data Name	Attribute	Data Type	Notes
1.1.4	Report Status ¹	ReportStatus	String	<p>The report status sent will be any one of the following depending on the action taken by the user:</p> <ul style="list-style-type: none"> • Opened OFSRR Record • Request for Approval • Approved for Filing • Closed - No Action • Filed • Rejected
1.1.5	Action Taken By ¹	ActionTakenBy	String	User who will take the action on the report.
2	ReportStatusResp			
2.1	Acknowledgment Code ¹	AckCode	Int	The acknowledgment code is any one of the following values- 0, 1, 2, 3, 4, 5
2.2	Description ¹	Description	String	<p>The description sent will be any one of the following depending on the acknowledgment code:</p> <ul style="list-style-type: none"> • 0 – Status Updated Successfully • 1 – Invalid value for FocusId • 2 – Invalid value for Report-Type • 3 – Invalid value for Report-Status • 4 – Invalid User ID • 5 – Status update failed

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- Did you find any errors?
- Is the information clearly presented?
- Do you need more information? If so, where?
- Are the examples correct? Do you need more examples?
- What features did you like most about this manual?

If you find any errors or have any other suggestions for improvement, indicate the title and part number of the documentation along with the chapter/section/page number (if available) and contact the Oracle Support.

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