



**Global Post-Trade Working Group
Equity Post-Trade Enhancements
– Part 2 –**

Jan. 8, 2015

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Document History

Revision	Date	Author	Revision Comments
0.1	June 16, 2014	D. Tolman	1. ClearedIndicator(1832) 2. MiscFees Component extension 3. IRS side(54) valid-values
0.2	June 20, 2014	D. Tolman	Updates based on review comments <ul style="list-style-type: none"> • Moved detail from chapter 1 to 2 • Added detail to chapter 4
0.3	August 13, 2014	Hanno Klein, Deutsche Börse Group	Minor updates for GTC submission
0.4	August 14, 2014	D. Tolman	Minor updates for clarification
0.5	November 10, 2014	D. Tolman	Added Message Table for Confirmation Messages Added Component Table for AllocAckGrp Answered issues and discussion points for MiscFeeTypes
0.6	Jan. 8, 2015	GTC	Updated based on post-submission discussions with submitter and prepared for public comment period. - Remove IRS proposed side values as this overlaps with OTC enhancements. - Removed "ineligible" value for ClearedIndicator as field is primarily from the perspective of the clearing house. Eligibility for clearing should be an instrument definition attribute.
	March 3, 2015	R. Shriver	ASBUILT created.
	March 24, 2015	R. Shriver	Added the encoded fields and field references for MiscFeeSubTypeDesc(2636).

Revision	Date	Author	Revision Comments

1 Introduction

The FPL Buy-side Working Group (BSWG) identified equity post-trade processing via FIX as a high priority and, as a result, formed the Equity Post-trade Initiative. This initiative has worked for over two years, with a group of major buy-sides, sell-sides and vendors, to develop a set of detailed guidelines to facilitate industry-wide implementation of post-trade processing via FIX between buy-side and sell-side firms. Version 1.2 of the Equity Post-trade Processing via FIX, FPL Guidelines, FIX 4.2, 4.4 is currently in the FPL review cycle. It is available on the FPL Equity Post-Trade Working Group CentralDesktop workspace. The BSWG initiative made every effort to utilize the FIX standard without changes, but a few additional changes ended up being needed.

1.1 Summary of Changes

1. Additional valid values for ClearedIndicator(1832) to add granularity to the clearing workflow and communicate status.
2. Add the ClearedIndicator(1832) to
 - a. the Confirmation Message(AK)
 - b. the AllocAckGrp so that it can be included in the AllocationInstructionAck(P) message.
3. Additional tags for the MiscFees component to allow unambiguous representation of individual market-specific fees.

2 Business Requirements

2.1.1 Additional valid values for ClearedIndicator(1832)

The use of this field is being extended to allow communication of more points in the clearing submission workflow, specifically:

- Submitted (eligible and submitted for clearing)
- Rejected (eligible, submitted but rejected by the clearing house)

2.1.2 Add ClearedIndicator(1832) to Confirmation(AK) Message and AllocationInstructionAck(P) Message

This field is being added to these messages to allow for communication of clearing status back to the buy-side.

2.1.3 Additional Tags for MiscFees Component

There currently is ambiguity in both the identification of market-specific fees as well as their representation in FIX. Generally these fees and taxes are either communicated as a total or as four generally industry-standard sub-categories:

*Industry standard OMGEO/SWIFT aggregations of fees:
=4 – Exchange (LOCL/FEES)*

=2 –Tax (TRAX/TTAX)

=10 – Per Transaction (CHAR/BROK)

=7 – Other (OTHR/MISC)

Note: in the total-fee model, total fees are coded as 7 (Other)

Agreement between parties is generally at the total level with some tolerance.

The objective is to provide a way of uniquely identifying and representing market-specific fees and taxes in order to allow explicit communication and validation.

It is a requirement to support use of both old and new methods of representation as well as migration from one to the other.

The proposal is the following:

- Create codes for individual market-specific fees and taxes
- Include the codes a repeating group under the MiscFeeType(139).

See Appendix E for initial list of codes.

The format and behavior of the market-specific fee-codes is the following:

- One code per market specific fee (e.g. one for the French transaction tax and a separate one for the Italian transaction tax).
- List of codes is maintained on FPL web site until a suitable home can be found.
- Codes will be semi-human readable, formed with a prefix of the ISO country code, followed by “-”, followed by a short-name for the fee (e.g. “AR-VAT”).
- Each market will have an “-OTHER” code defined for it (e.g. AR-OTHER) that can be used for temporary extensibility until the official code is created. If a new country code is created the new “-OTHER” code can be created.
- Codes must be unique within the MiscFee repeating group entry with the exception that “-OTHER” can be repeated if necessary.
 - o The parent MiscFeeType(139) still represents the current categorization and can still be used by the recipient instead of the MiscFeeSubTypes.

Implementation notes:

- sell-side
 - o it is expected that sell-sides will progress from either the total or the 4 category method to adding the individual fees.
- buy-side
 - o may always use the total method regardless of whether or not the sell-side provides the detailed fees by summing the MiscFeeAmt(137).

3 Issues and Discussion Points

3.1 Availability of Fee Subtypes

Q: Should fee subtypes have to be specified on all fee types? This means that the sender cannot choose to provide subtypes only for one of the main fees.

A: Yes, fee types must be specified for all or none.

3.2 Sum of Fee Subtype Amounts

Q: Should the sum of fee subtype amounts always have to be equal to the fee amount in the parent repeating group entry? This means that the sender cannot choose to break out only a subset of fee subtypes but has to be specific or use a generic subtype such as "OTHER" in addition to specific subtypes.

A: Yes, they must sum to the total for the type.

4 Proposed Message Flow

No changes to existing FIX message flows but clarification of ClearedIndicator(1832) values in relation to the submission for clearing workflow:

- **Not cleared** – the transaction has not yet been submitted for clearing
- **Submitted** means that the transaction has been submitted for clearing
- **Cleared** means that the transaction has been cleared.
- **Rejected** means that the clearing house has rejected the transaction.

5 FIX Message Tables

5.1 FIX Message Confirmation

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	Confirmation
Message Abbreviated Name (for FIXML)	Cnfm

Category		Confirmation	
Action		__New _X_Change	
Message Synopsis	The Confirmation messages are used to provide individual trade level confirmations from the sell side to the buy side. In versions of FIX prior to version 4.4, this role was performed by the allocation message. Unlike the allocation message, the confirmation message operates at an allocation account (trade) level rather than block level, allowing for the affirmation or rejection of individual confirmations.		
Message Elaboration			
To be finalized by FPL Technical Office			
(MsgType(tag 35) Enumeration	AK		
Repository Component ID	70		

[Other additional text detailing usage of the message may be entered below this line]

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
	<i>StandardHeader</i>	Y	BaseHeader	MsgType = AK		
664	ConfirmID	Y	CnfmID	Unique ID for this message		
772	ConfirmRefID	N	CnfmRefID	Mandatory if ConfirmTransType is Replace or Cancel		
859	ConfirmReqID	N	CnfmReqID	Only used when this message is used to respond to a confirmation request (to which this ID refers)		
666	ConfirmTransType	Y	CnfmTransTyp	New, Cancel or Replace		
773	ConfirmType	Y	CnfmTyp	Denotes whether this message represents a confirmation or a trade status message		
797	CopyMsgIndicator	N	CopyMsgInd	Denotes whether or not this message represents copy confirmation (or status message) Absence of this field indicates message is not		

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
				a drop copy.		
650	LegalConfirm	N	LegalCnf m	Denotes whether this message represents the legally binding confirmation Absence of this field indicates message is not a legal confirm.		
665	ConfirmStatus	Y	CnfmStat			
1832	ClearedIndicator	N	Clrd	Used to communicate the status of the central clearing workflow		
Component <Parties>		N	Pty	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages" Required for fixed income Also to be used in associated with ProcessCode for broker of credit (e.g. for directed brokerage trades) Also to be used to specify party-specific regulatory details (e.g. full legal name of contracting legal entity, registered address, regulatory status, any registration details)		
Component <OrdAllocGrp>		N	OrdAlloc	Indicates number of orders to be combined for allocation. If order(s) were manually delivered set to 1 (one). Required when AllocNoOrdersType = 1		
70	AllocID	N	AllocID	Used to refer to an earlier Allocation Instruction.		
793	SecondaryAllocID	N	AllocID2	Used to refer to an earlier Allocation Instruction via its		

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
				secondary identifier		
467	IndividualAllocID	N	IndAllocID	Used to refer to an allocation account within an earlier Allocation Instruction.		
60	TransactTime	Y	TxnTm	Represents the time this message was generated		
75	TradeDate	Y	TrdDt			
Component <TrdRegTimestamps>		N	TrdRegTS	Time of last execution being confirmed by this message		
Component <Instrument>		Y	Instrmt	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"		
Component <InstrumentExtension>		N	InstrmtExt	Insert here the set of "InstrumentExtension" fields defined in "Common Components of Application Messages"		
Component <FinancingDetails>		N	FinDetls	Insert here the set of "FinancingDetails" fields defined in "Common Components of Application Messages"		
Component <UndInstrmtGrp>		N	Undly			
Component <InstrmtLegGrp>		N	Leg			
Component <YieldData>		N	Yield	If traded on Yield, price must be calculated "to worst" and the <Yield> component block must specify how calculated, redemption date and price (if not par). If traded on Price, the <Yield> component block must specify how calculated - "Worst", and include redemptiondate and price (if not par).		

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
80	AllocQty	Y	Qty	The quantity being confirmed by this message (this is at a trade level, not block or order level)		
854	QtyType	N	QtyTyp			
54	Side	Y	Side			
15	Currency	N	Ccy			
30	LastMkt	N	LastMkt			
Component <CpctyConfGrp>		Y	Cpcty			
79	AllocAccount	Y	Acct	Account number for the trade being confirmed by this message		
661	AllocAcctIDSource	N	ActIDSrc			
798	AllocAccountType	N	AcctTyp			
6	AvgPx	Y	AvgPx	Gross price for the trade being confirmed Always expressed in percent-of-par for Fixed Income		
74	AvgPxPrecision	N	AvgPxPrcsn	Absence of this field indicates that default precision arranged by the broker/institution is to be used		
423	PriceType	N	PxTyp	Price type for the AvgPx field		
860	AvgParPx	N	AvgParPx			
Component <SpreadOrBenchmarkCurveData>		N	SprdBnc hmkCurve	Insert here the set of "SpreadOrBenchmarkCurveData" fields defined in "Common Components of Application Messages"		
861	ReportedPx	N	RptedPx	Reported price (may be different to AvgPx in the event of a marked-up or marked-down principal trade)		
58	Text	N	Txt			
354	EncodedTextLen	N	EncTxtLen			

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
355	EncodedText	N	EncTxt			
81	ProcessCode	N	ProcCode	Used to identify whether the trade was a soft dollar trade, step in/out etc. Broker of credit, where relevant, can be specified using the Parties nested block above.		
381	GrossTradeAmt	Y	GrossTrdAmt	AllocQty(80) * AvgPx(6)		
157	NumDaysInterest	N	NumDayInt			
230	ExDate	N	ExDt	Optional "next coupon date" for Fixed Income		
158	AccruedInterestRate	N	AcrdIntRt			
159	AccruedInterestAmt	N	AcrdIntAmt	Required for Fixed Income products that trade with accrued interest		
738	InterestAtMaturity	N	IntAtMat	Required for Fixed Income products that pay lump sum interest at maturity		
920	EndAccruedInterestAmt	N	EndAcrdIntAmt	For repurchase agreements the accrued interest on termination.		
921	StartCash	N	StartCsh	For repurchase agreements the start (dirty) cash consideration		
922	EndCash	N	EndCsh	For repurchase agreements the end (dirty) cash consideration		
238	Concession	N	Concession			
237	TotalTakedown	N	TotTakedown			
118	NetMoney	Y	NetMny			
890	MaturityNetMoney	N	MatNetMny	Net Money at maturity if Zero Coupon and maturity value is different from par value		
119	SettlCurrAmt	N	SettlCurrAmt			

<i>Tag</i>	<i>Field Name</i>	<i>Req'd</i>	<i>XMLName</i>	<i>FIX Spec Comments</i>	<i>Action</i>	<i>Mappings and Usage Comments</i>
120	SettlCurrency	N	SettlCcy			
155	SettlCurrFxRate	N	SettlCurrFxRt			
156	SettlCurrFxRateCalc	N	SettlCurrFxRtCalc			
63	SettlType	N	SettlTyp			
64	SettlDate	N	SettlDt			
Component <SettlInstructionsData>		N	SetInstr	Insert here the set of "SettlInstructionsData" fields defined in "Common Components of Application Messages" Used to communicate settlement instructions for this Confirmation.		
Component <CommissionData>		N	Comm			
858	SharedCommission	N	SharedComm	Used to identify any commission shared with a third party (e.g. directed brokerage)		
Component <Stipulations>		N	Stip			
Component <MiscFeesGrp>		N	MiscFees	Required if any miscellaneous fees are reported.		
<i>StandardTrailer</i>		Y	Trlr			

6 FIX Component Blocks

6.1 Component AllocAckGrp

To be completed at the time of the proposal – all information provided will be included in the repository	
Component Name	AllocAckGrp
Component Abbreviated Name (for FIXML)	AllocAck
Component Type	<input checked="" type="checkbox"/> Block Repeating <input type="checkbox"/> Block
Category	Allocation
Action	<input type="checkbox"/> New <input checked="" type="checkbox"/> Change
Component Synopsis	
Component Elaboration	
To be finalized by FPL Technical Office	
Repository Component ID	2002

[Other additional text detailing usage of the component may be entered below this line]

Component FIXML Abbreviation: <AllocAckGrp>						
Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
78	NoAllocs	N		This repeating group is optionally used for messages with AllocStatus = 2 (account level reject), AllocStatus = 0 (accepted), to provide details of the individual accounts that were accepted or rejected. In the case of a reject, the reasons for the rejection should be specified. This group should not be populated where AllocStatus has		

Component FIXML Abbreviation: <AllocAckGrp>							
Tag	Field Name		Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
					any other value. Indicates number of allocation groups to follow.		
⇒⇒	79	AllocAccount	N	Acct	Required if NoAllocs > 0. Must be first field in repeating group.		
⇒⇒	661	AllocAcctIDSource	N	ActIDSrc			
⇒⇒	366	AllocPrice	N	Px	Used when performing "executed price" vs. "average price" allocations (e.g. Japan). AllocAccount plus AllocPrice form a unique Allocs entry. Used in lieu of AllocAvgPx.		
→	1047	AllocPositionEffect	N	AllocPosEfct			
→	467	IndividualAllocID	N	IndAllocID			
→	1593	ParentAllocID	N	ParentAllocID			
→	1729	FirmMnemonic	N	FirmMnemonic			
→	1832	ClearedIndicator	N	Clrd	Used to communicate the status of central clearing workflow.		
→	AllocRegulatoryTradeIDGroup		N	RegTrdID			
→	776	IndividualAllocRejCode	N	IndAllocRejCode	Required if NoAllocs(78) > 0 and AllocStatus(87) = 2 (Account level reject)⊘		
[[tag]] NestedParties			N	Pty			
→	161	AllocText	N	Txt	Free format text field related to this AllocAccount (can be used here to hold text relating to the rejection of this AllocAccount)		
→	360	EncodedAllocTextLen	N	EncAllocTextLen	Must be set if EncodedAllocText field is		

Component FIXML Abbreviation: <AllocAckGrp>							
Tag	Field Name		Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
					specified and must immediately precede it.		
→	361	EncodedAllocText	N	EncAllocText	Encoded (non-ASCII characters) representation of the AllocText field in the encoded format specified via the MessageEncoding field.		
→	1732	FirmAllocText	N	FirmTxt			
→	1733	EncodedFirmAllocTextLen	N	EncFirmTxtLen			
→	1734	EncodedFirmAllocText	N	EncFirmTxt			
→	989	SecondaryIndividualAllocID	N	IndAllocID2	Will allow the intermediary to specify an allocation ID generated by the system		
→	993	AllocCustomerCapacity	N	CustCpcty	Will allow for granular reporting of separate allocation detail within a single trade report or allocation message.		
→	992	IndividualAllocationType	N	Typ	Identifies whether the allocation is to be sub-allocated or allocated to a third party.		
→	80	AllocQty	N	Qty	Quantity to be allocated to specific sub-account		
→	1752	CustodialLotID	N	CstdlLotID	Only used for specific lot trades.		
→	1753	VersusPurchaseDate	N	VSPDt	Only used for specific lot trades. If this field is used, either VersusPurchasePrice(1754) or CurrentCostBasis(1755) should be specified.		
→	1754	VersusPurchasePrice	N	VSPPx	Only used for specific lot trades. If this field is used, VersusPurchaseDate(1753) should be specified.		
→	1755	CurrentCostBasis	N	CurCostBasis	Only used for specific lot trades. If this field is used,		

Component FIXML Abbreviation: <AllocAckGrp>						
Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
				VersusPurchaseDate(1753) should be specified		
</AllocAckGrp>						

6.2 MiscFeesSubGrp Component

To be completed at the time of the proposal – all information provided will be included in the repository	
Component Name	MiscFeesSubGrp
Component Abbreviated Name (for FIXML)	MiscFeesSub
Component Type	<u> </u> X <u> </u> Block Repeating <u> </u> Block
Category	(No changes)
Action	<u> </u> X <u> </u> New <u> </u> Change
Component Synopsis	The MiscFeesSubGrp component is used to provide further details for a given MiscFeeType(139) value.
Component Elaboration	
To be finalized by FPL Technical Office	
Repository Component ID	2259

Component FIXML Abbreviation: <MiscFeesSub>						
Tag	Field Name	Req'd	ICR	Action	Mappings and Usage Comments	Comments
tbd2633 →	NoMiscFeeSubTypes	N		NEW		
→	tbd2634 MiscFeeSubType	N		NEW	Required if NoMiscFeeSubTypes(2633) > 0	Required if NoMiscFeeSubTypes(tbd) > 0
→	tbd2635 MiscFeeSubTypeAmt	N		NEW		
→	tbd2636 MiscFeeSubTypeDesc	N		NEW		
→	2637 EncodedMiscFeeSubTypeDesc	N		NEW	Must be set if EncodedMiscFeeSubTypeDesc(2638) field is specified and must immediately precede it.	
→	2638 EncodedMiscFeeSubTypeDesc	N		NEW	Encoded (non-ASCII characters) representation of the	

						MiscFeeSubTypeDesc(2636) field in the encoded format specified via the MessageEncoding(347) field	
</MiscFeesSub>>							

6.3 MiscFeesGrp Component

To be completed at the time of the proposal – all information provided will be included in the repository	
Component Name	MiscFeesGrp
Component Abbreviated Name (for FIXML)	MiscFees
Component Type	<input checked="" type="checkbox"/> Block <input type="checkbox"/> Repeating <input type="checkbox"/> Block
Category	(No changes)
Action	<input type="checkbox"/> New <input checked="" type="checkbox"/> Change
Component Synopsis	(No changes)
Component Elaboration	(No changes)
To be finalized by FPL Technical Office	
Repository Component ID	2035

Component FIXML Abbreviation: <MiscFees>					
Tag	Field Name	Req'd	Action	Mappings and Usage Comments	Comments
136	NoMiscFees				Required if any miscellaneous fees are reported. Indicates number of repeating entries.
→	137	MiscFeeAmt		Change	Required if NoMiscFees(136) > 0.
→	138	MiscFeeCurr			
→	139	MiscFeeType		Change	Required if NoMiscFees(136) > 0.
→		MiscFeesSubGrp component		New	
→	1398 91	MiscFeeBasis			
→	2216	MiscFeeRate			
→	2217	MiscFeeAmount Due			
</MiscFees>					

7 Category Changes

No changes or additions.

Appendix A - Data Dictionary

Tag	FieldName	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block
1832	ClearedIndicator	Change	Int	<p>Indicates whether the trade or position being reported was cleared through a clearing organization.</p> <p>0 = Not cleared [NotCleared] [Elaboration: Trade or position has not yet been submitted for clearing.]</p> <p>1 = Cleared [Cleared] [Elaboration: Trade or position has been successfully cleared.]</p> <p>FBD-2 = Submitted [Submitted] [Elaboration: Trade or position has been submitted for clearing.]</p> <p>FBD-3 = Rejected [Rejected] [Elaboration: Trade or position was rejected by clearing.]</p>		
FBD26 33	NoMiscFeeSubTypes	New	NumInGroup	Number of miscellaneous fee sub-types		
FBD26 34	MiscFeeSubType	New	String	<p>Used to provide more granular fee types related to a value of MiscFeeType(139). See http://www.fixtradingcommunity.org/codelists#Misc_Fee_Sub_Types for code list of applicable fees. Other fee sub-types</p>	@Typ	

				<p>may be used by mutual agreement of the counterparties.</p> <p>[Elaboration: Fee sub-types may include market or country specific fee.]</p>		
TBD2635	MiscFeeSubTypeAmount	New	Amt	The amount of the specified MiscFeeSubType(TBD2634).	@Amt	
TBD2636	MiscFeeSubTypeDesc	New	String	Can be used to provide an optional textual description of the fee sub-type.	@Desc	
2637	EncodedMiscFeeSubTypeDescLen	New	Length	Byte length of encoded (non-ASCII characters) EncodedExerciseDesc(4110MiscFeeSubTypeDesc(2638) field.	@EncDescLen	
2638	EncodedMiscFeeSubTypeDesc	New	Data	Encoded (non-ASCII characters) representation of the MiscFeeSubTypeDesc(2636) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the MiscFeeSubTypeDesc(2636) field.	@EncDesc	

Appendix B - Glossary Entries

Term	Definition	Field where used

Appendix C - Abbreviations

Term	Proposed Abbreviation	Proposed Messages, Components, Fields where used

Appendix D - Usage Examples

[Examples may be entered below this line]

Appendix E – Initial Code List

Granular FIX Code (MiscFeeSubType)	Example Description (MiscFeeSubTypeDesc)		Country
AR-EXCHG	ARGENTINA - EXCHANGE FEE	AR	ARGENTINA
AR-VAT	ARGENTINA - VAT	AR	ARGENTINA
AR-OTHER	ARGENTINA - OTHER	AR	ARGENTINA
AU-GST	AUSTRALIA - GST TAX	AU	AUSTRALIA
AU-OTHER	AUSTRALIA - OTHER	AU	AUSTRALIA
BR-EXCHG	BRAZIL - EXCHANGE FEE	BR	BRAZIL
BR-OTHER	BRAZIL - OTHER	BR	BRAZIL
CN-CLEAR	CHINA - CLEARING/SETTLEMENT/TRANSFER FEE (Paid to Depository & Clearing Co)	CN	CHINA
CN-CSRC	CHINA - CSRC REGULATORY LEVY	CN	CHINA
CN-EXCHG	CHINA - EXCHANGE TRANSACTION LEVY	CN	CHINA
CN-STAMP	CHINA - STAMP DUTY	CH	CHINA
CN-OTHER	CHINA-OTHER	CN	CHINA
CN-OTHER	CHINA - OTHER	CN	CHINA
CO-VAT	COLOMBIA - VAT	CO	COLOMBIA
CO-OTHER	COLOMBIA - OTHER	CO	COLOMBIA
CY-REGIST	CYPRESS - REGISTRATION FEE	CY	CYPRESS
CY-STAMP	CYPRESS - COUNTRY STAMP DUTY/TAX	CY	CYPRESS
CY-OTHER	CYPRESS - OTHER	CY	CYPRESS
CZ-EXCHG	CZECH REPUBLIC - STOCK EXCHANGE CLEARING FEE	CZ	CZECH REPUBLIC
CZ-OTHER	CZECH REPUBLIC - OTHER	CZ	CZECH REPUBLIC
FR-FTT	FRANCE - FRENCH FINANCIAL TRANSACTION TAX	FR	FRANCE
FR-VAT	FRANCE - VAT	FR	FRANCE
FR-OTHER	FRANCE - OTHER	FR	FRANCE
GR-CLEAR	GREECE - STOCK EXCHANGE CLEARING FEE	GR	GREECE
GR-SALES	GREECE - STOCK EXCHANGE SALES TAX	GR	GREECE

GR-OTHER	GREECE - OTHER	GR	GREECE
HK-EXCHG	HONG KONG - Exchange TRADING FEE	HK	HONG KONG
HK-SFC	HONG KONG - SFC TRANSACTION LEVY	HK	HONG KONG
HK-STAMP	HONG KONG - STAMP DUTY	HK	HONG KONG
HK-OTHER	HONG KONG - OTHER	HK	HONG KONG
IN-STT	INDIA - SECURITY TRANSACTION TAX (STT)	IN	INDIA
IN-OTHER	INDIA - OTHER	IN	INDIA
ID-EXCHG	INDONESIA - Exchange TRANSACTION TAX	ID	INDONESIA
ID-VAT	INDONESIA - VAT	ID	INDONESIA
ID-WITHHOLD	INDONESIA - WITHHOLDING TAX (KPEI Guarantee Fund)	ID	INDONESIA
ID-OTHER	INDONESIA - OTHER	ID	INDONESIA
IE-ITP	IRELAND - ITP LEVY	IE	IRELAND
IE-STAMP	IRELAND - STAMP DUTY	IE	IRELAND
IE-OTHER	IRELAND - OTHER	IE	IRELAND
IT-FTT	ITALY - ITALIAN FINANCIAL TRANSACTION TAX	IT	ITALY
IT-OTHER	ITALY - OTHER	IT	ITALY
JP-CONSUM	JAPAN - CONSUMPTION TAX	JP	JAPAN
JP-OTHER	JAPAN - OTHER	JP	JAPAN
KR-AGRICUL	KOREA - AGRICULTURAL TAX	KR	KOREA
KR-CAPGAIN	KOREA - CAPITAL GAINS TAX	KR	KOREA
KR-RESIDENT	KOREA - RESIDENTIAL TAX	KR	KOREA
KR-SALES	KOREA - SALES TAX	KR	KOREA
KR-OTHER	KOREA - OTHER	KR	KOREA
MY-CLEAR	MALAYSIA - CLEARING FEE	MY	MALAYSIA
MY-STAMP	MALAYSIA - STAMP DUTY	MY	MALAYSIA
MY-OTHER	MALAYSIA - OTHER	MY	MALAYSIA
PK-CAPVAL	PAKISTAN - CAPITAL VALUE TAX	PK	PAKISTAN
PK-FEDEXC	PAKISTAN - FEDERAL EXCISE DUTY	PK	PAKISTAN
PK-OTHER	PAKISTAN - OTHER	PK	PAKISTAN
PE-CLEAR	PERU - CAVALKI (CLEARING HOUSE) FEES	PE	PERU
PE-CONASEV	PERU - CONASEV (SEC)	PE	PERU
PE-EXCHG	PERU - STOCK EXCHANGE FEE	PE	PERU
PE-GUARFND	PERU - GUARANTEED FUND FEE	PE	PERU

PE-LIQFND	PERU - LIQ. FUND (LSE)	PE	PERU
PE-SALES	PERU - IGV (SALES TAX)	PE	PERU
PE-OTHER	PERU - OTHER	PE	PERU
PH-CLEAR	PHILIPPINES - SECURITIES CLEARING CORP FEE - SCCP	PH	PHILIPPINES
PH-PCD	PHILIPPINES - PCD FEE	PH	PHILIPPINES
PH-SALES	PHILIPPINES - SALES TAX	PH	PHILIPPINES
PH-STAMP	PHILIPPINES - STAMP DUTY	PH	PHILIPPINES
PH-VAT	PHILIPPINES - VALUE ADDED TAX	PH	PHILIPPINES
PH-OTHER	PHILIPPINES - OTHER	PH	PHILIPPINES
SG-CLEAR	SINGAPORE - CLEARING FEE	SG	SINGAPORE
SG-GST	SINGAPORE - GOODS AND SERVICES TAX	SG	SINGAPORE
SG-OTHER	SINGAPORE - OTHER	SG	SINGAPORE
ZA-INVPROT	SOUTH AFRICA - FSB Investor Protection LEVY	ZA	SOUTH AFRICA
ZA-STAMP	SOUTH AFRICA - STAMP DUTY	ZA	SOUTH AFRICA
ZA-OTHER	SOUTH AFRICA - OTHER	ZA	SOUTH AFRICA
CH-STAMP	SWITZERLAND - STAMP DUTY	CH	SWITZERLAND
CH-TURNOVR	SWITZERLAND - TURNOVER	CH	SWITZERLAND
CH-OTHER	SWITZERLAND - OTHER	CH	SWITZERLAND
TW-SALES	TAIWAN - SALES TAX	TW	TAIWAN
TW-OTHER	TAIWAN - OTHER	TW	TAIWAN
TH-VAT	THAILAND - VAT	TH	THAILAND
TH-OTHER	THAILAND - OTHER	TH	THAILAND
GB-PTM	UNITED KINGDOM - PTM LEVY	GB	UNITED KINGDOM
GB-STAMP	UNITED KINGDOM - STAMP DUTY	GB	UNITED KINGDOM
GB-OTHER	UNITED KINGDOM - OTHER	GB	UNITED KINGDOM
US-SEC	UNITED STATES - SEC FEE	US	UNITED STATES
US-OTHER	UNITED STATES - OTHER	US	UNITED STATES