#### **Challenging the Assumptions about Corporate Actions**

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**XBRL US** 





#### XBRL is an XML based technology



- Enables the tagging of documents
- Has increased data modeling flexibility over XML
- Uses a Taxonomy to define how data, that is transmitted in a single stream, should be assembled and presented
- Is platform independent
- Has active jurisdictions globally

# ISO 20022 is a model-based message developing methodology, including XML



- Scope covers the global financial services industry
- Has been recommended as the standard for corporate action messaging by numerous industry bodies as well as governmental bodies such as the EU
- Both initial developments and associated maintenance are managed by the industry
- Builds on over 10 years of global collaboration to develop and enhance a global standard with associated market practice

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#### How does XBRL work?

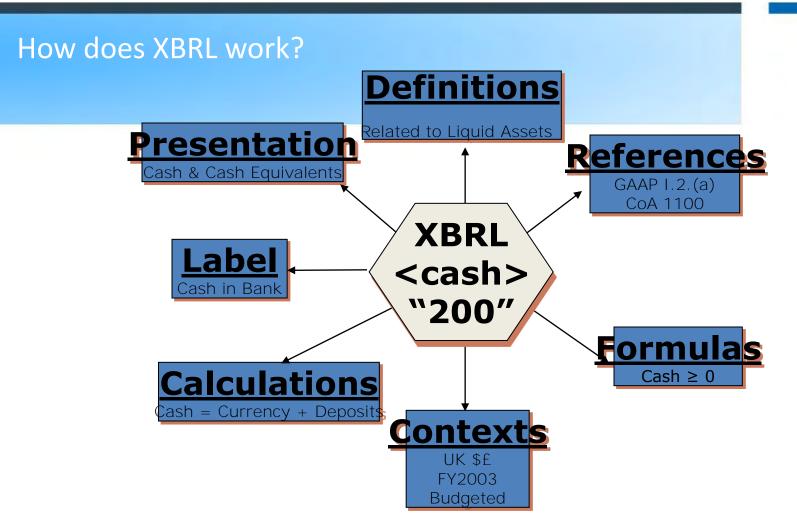


ABC CORPORATION (In millions)	What do we know about 5,000 ?		
June 30		2004	2005
Assets			
Current assets:			
Cash and equivalents		\$ 10,000	\$ 5,000
Short-term investments		35,000	25,000
Total cash and short-term investments		45,000	30,000
Accounts receivable, net		5,000	6,000
Inventories		750	500
Deferred income taxes		3,000	1,500
Other		2,000	2,100
Total current assets		55,750	40,100

<element name="CashCashEquivalents"id="usfr-</pre> pte\_CashCashEquivalents" type="xbrli:monetary|temType" substitutionGroup="xbrli:item" nillable="true" xbrli:balance="debit" xbrli:periodType="instant"/>...<label xlink:type="resource" xlink:label="usfr-pte CashCashEquivalents lbl" xlink:role="http://www.xbrl.org/2003/role/documentation" xml:lang="en"> Cash and short-term, highly liquid investments that are readily convertible to known amounts of cash and are so near their maturity that they present negligible risk of changes in value due to changes in interest rates - usually with an original maturity less than 90 days, This includes restricted cash, treasury bills, commercial paper and money market funds and other operating cash balances. </label>

XBRL Taxonomy XBRL Code XBRL Data

<usfr-pte:CashCashEquivalents decimals="-6" contextRef="AsOf20050630" unitRef="USD"> 500000000</usfr-pte:CashCashEquivalents> ...<xbr/>brli:context.id="AsOf20050630"> <xbr/>xbrli:entity><xbrli:identifier scheme="http://www.sec.gov/CIK"> **123456**</xbrli:identifier></xbrli:entity><xbrli:pe riod> <xbritinstant>2005-06-30 </xbritinstant> </xbrli:period></xbrli:context>





#### What are the benefits?



- Better Data
  - Machine readable
  - More accuracy
  - Reduced errors
  - Increased clarity
- Cheaper Data
  - Less reliance on third party databases
  - Reduces time spent "creating" data
- Faster Data
  - Less time entering data, more time analyzing
  - Accessible as soon as the filings are released
  - Spend more time analyzing it

#### Global Problem/Global Solutions

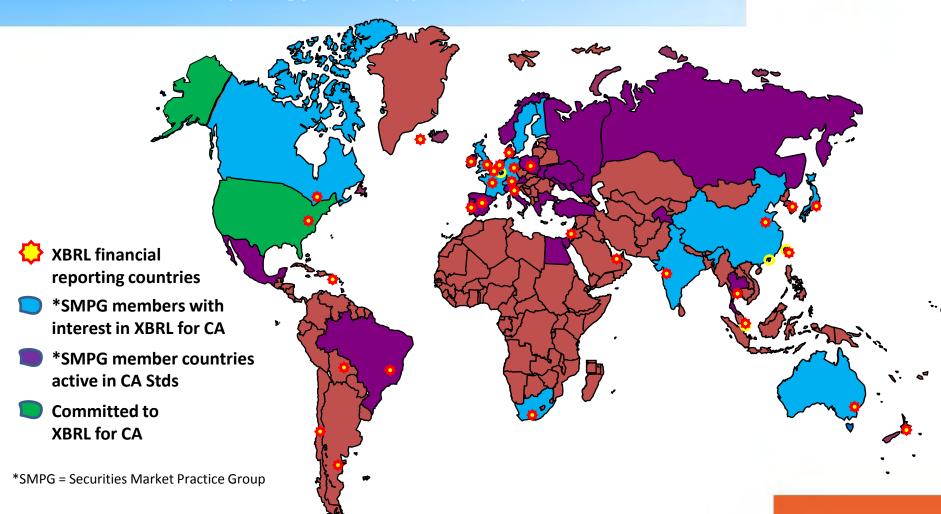


- Widely agreed as a global industry problem
- Worldwide harmonization of ISO messages - minimizing country/market differences
- Issuer/agent engagement with ISO is timely and valuable
- ISO 20022 Corporate Actions and Issuer Agent messages have been developed

- International Securities
   Services Association (ISSA)
- Corporate Actions Stakeholder
   Group
- Association of Global Custodians (AGC)
- International Securities Market Advisory Group (ISMAG)
- Securities Market Practice Group (SMPG)

# XBRL and Corporate Actions Global synergy and opportunity





#### A Unique opportunity to (finally) solve the problem



Custome r Pressure

With the need to do 'more with less', there is customer demand for solutions that offer high **STP**, that align with **standards** and that use a **universal 'unique ID'** 

#### Financial Market Turmoil

With the economic down turn, there is an increased focus to reduce the risks and **improve transparency** through any means possible, including increased regulation





XBRL Maturity

## Industry Initiatives Converging on ISO 20022

**SWIFT** is driving the next generation standard, ISO 20022 which builds upon the success of ISO 15022, and **DTCC's** 'CA Re-engineering' project will service the entire US market, will use new ISO 20022 messages in favor of its existing legacy files

**XBRL** has been institutionalized with the SEC mandate for the GAAP quarterly financial reporting, and with the replacement of EDGAR with XBRL-based IDEA system. XBRL for CAs, based upon ISO20022, is a solution for issuers to electronically tag data within reports directly at the source. Enforcement may be garnered via regulatory mandate

## Example: Tender



					Retur
event Level Data Elements		_	Event Level Data Elements		
tatus	Data Element	CA Value	Status		CA Value
СО	CA Cancelled	N	СО	<u>DTCCoverProtectExpirationDate</u>	07-Dec-2009
co	CA Classification	ОВ	со	Cover Protect Expiration Date	07-Dec-2009
СО	Domicile Restrict Flag	N	co	Protect Period Days	3.0
СО	Expiration Date	02-Dec-2009	со	Protect Expiration Date	02-Dec-2009
CO	Expiration Time	11:59:00 PM	со	Must all shares be submitted	N
СО	Expiration Time Zone	NYC	со	Minimum Exercise Quantity	0
СО	DTC Expiration Date	02-Dec-2009	со	Maximum Quantity Sought	0
СО	DTC Withdrawal Date	02-Dec-2009	со	Minimum Quantity Sought	0
СО	Early Expiration Date		co	Odd Lot Holding Maximum	0
СО	Early Expiration Time		co	Fall Into Odd Lot Indicator	
со	Early Expiration Time Zone		со	Event Cash Value	0
со	Withdrawal Date	02-Dec-2009	со	Event Cash Value Currency	
со	Withdrawal Time	11:59:00 PM	со	DTC Offeror Terms	\$600 PER \$1000 P.A
со	Withdrawal Time Zone	NYC	со	DTC Recycle Cutoff Indicator	
со	Offeror Name	CARL ICAPN ET AL	со	DTC Last Day for DTC DWAC Withdrawal	
со	Meeting Date		со	DTC Chill Release Day for Depository Delivery	
СО	Proration Indicator	N	со	DTC Withdrawal Privilege	Y
СО	Proration Rate	0	со	DTC ATOP Eliqible	1
СО	Conditional	N	со	DTC Comments Indicator	
СО	Unconditional Date		со	DTC Last Day for DO	
СО	Early Withdrawal Date		со	DTC Last Day for C.O.D.	
со	Early Withdrawal Time		со	DTC Chill Release Date for C.O.D.	
со	Early Withdrawal Time Zone		СО	DTC Chill Release Date for W/T	
СО	DTC Protect Expiration Date				

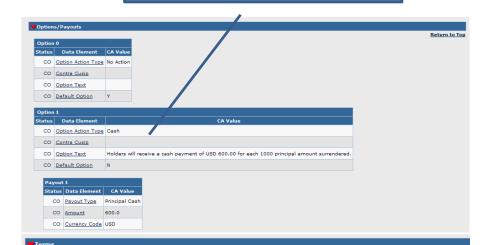
Eg Dates, Times

**Terms** 

Eg Event Type, Issuer Name, Security name and ID



#### Cash Option and Rate



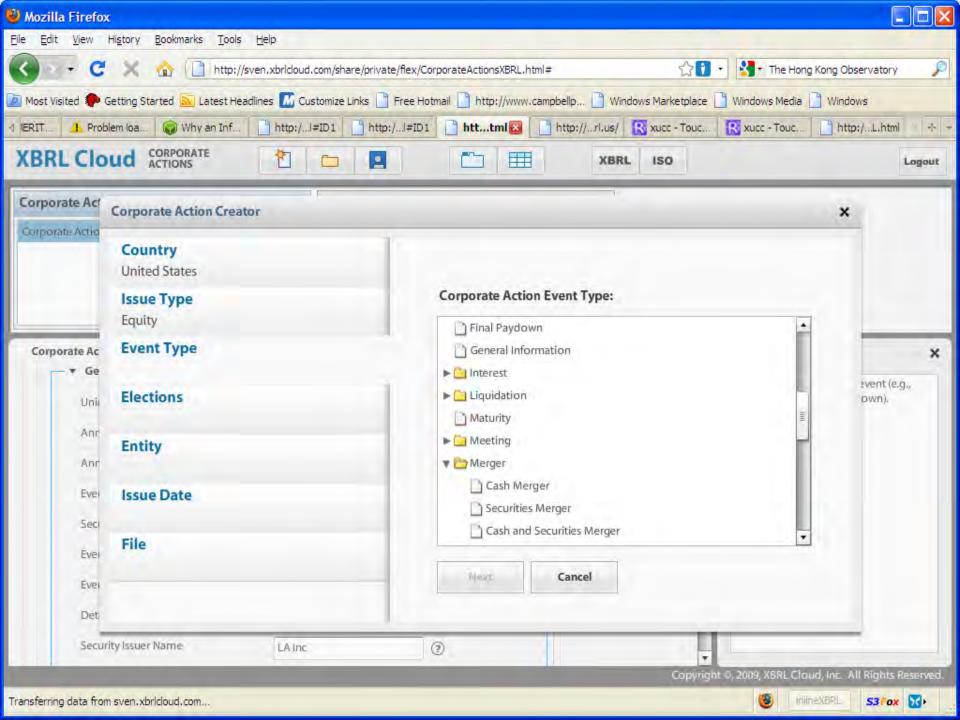
principal amount of Notes validly tendered and not withdrawn.

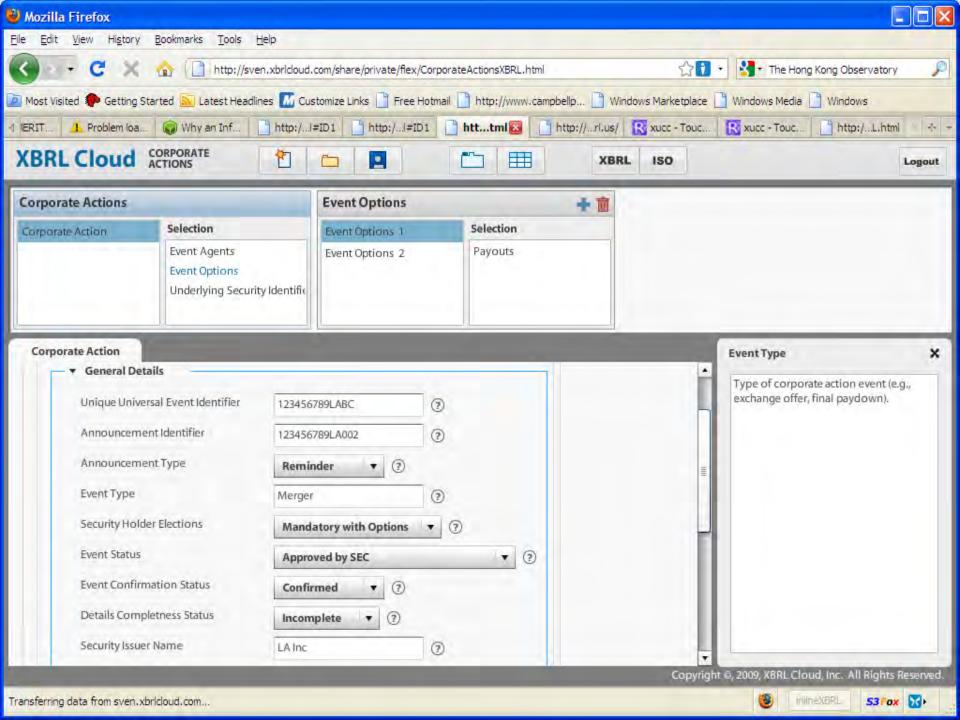
The Offeror is offering to purchase any and all of the Notes at a price of USD 600.00 for each 1,000 of

There will be no payment in respect of accrued but unpaid interest on the Notes, if any.

You must represent and warrant that you did not tender any Notes into the CIT Exchange Offer or, if you did tender any Notes into the Exchange Offer, you validly withdrew all such Notes prior to the expiration of the Exchange Offer; and voted to reject the Prepackaged Plan.

You must indicate whether a broker or nominee assisted you in casting your vote to reject the Prepackaged Plan and provide the name and address of such broker or nominee.





## **Taxonomy Timing**



- Complete Draft Taxonomy 2nd Quarter, 2010
- Begin Public Review 3rd Quarter, 2010
- Release Final Taxonomy 3<sup>rd</sup> Quarter, 2010

#### **Communications and Outreach**



#### Objectives

- Raise awareness
- Obtain buy-in
- Establish advocates
- Articulate the pros/cons

#### Strategy

- Media/Analyst relations
- Industry visibility

#### **Communications and Outreach**



- Formed Stakeholder Groups Issuer, Intermediary, Investor
- Stakeholder input is being used to complete Business Case requested by US SEC



