

FIX and ISO



FIX TRADING
COMMUNITY™
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FIX Trading Community EMEA Trading Conference 2019

Jim Northey
FIX Technical Committee Co-chair, Americas Region
ISO TC68 Chair

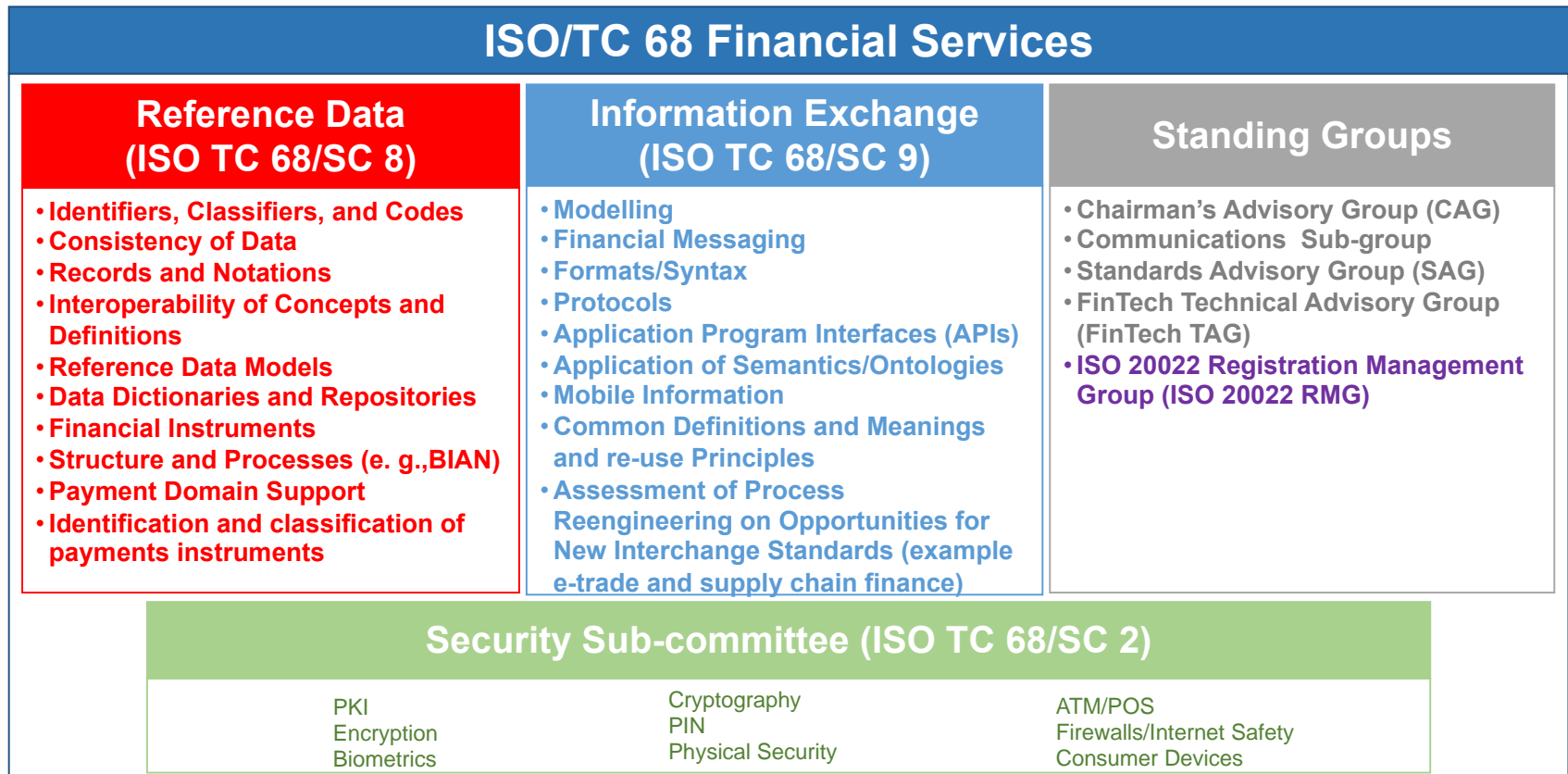




FIX Involvement in ISO TC68

- Previous
 - “A” Liaison to TC68/SC4
- Currently
 - Category “A” Liaison to TC68
 - Category “A” Liaison to TC68/SC8
 - Category “A” Liaison to TC68/SC9
 - Liaison to ISO 20022 RMG

Structure of ISO/TC 68





ISO Standards Adopted and Promoted by FIX

- ISO TC68
 - ISO 4217:2015
 - ISO 6166:2013
 - ISO 10962:2015
 - ISO 10383:2012
 - ISO 9362:2014
 - ISO 17442:2012
 - ISO 18774:2015
 - ISO 20275: 2017
 - (planned)
 - ISO 20022:2013
 - (in progress)
- Other Standards
 - ISO 8601:2004
 - Time and Date
 - ISO 3166-1:2013
 - Country Codes
 - ISO 8825-*:2015
 - ASN.1
 - ISO 15836:2009
 - Dublin Core
 - ISO/IEC 11404:2007
 - General-Purpose Datatypes

Investment Roadmap and Standards Coordination Group

- In 2008, FIX came up with the idea of the investment roadmap for standards
 - Premise – what standard should be used for what part of the overall life cycle of trading by asset class
- In 2009, FIX approached other standards bodies to create the informal Standards Coordination Group to develop the investment roadmap
 - FIX Provided the operational support for this group
- The initial standards investment roadmap was released September 2010



FIX ISO Leadership

- ISO 20022 RMG
 - Derivatives SubSEG
 - Secretary – Courtney Doyle
 - BAH Subgroup
 - Jim Northey
 - Securities SEG
 - Lisa Taikitsadaporn
 - Technical Support Group
 - Jim Northey
 - Lisa Taikitsadaporn
 - Don Mendelson
 - FX SEG
 - Lisa Taikitsadaporn
 - Derivatives SubSEG
 - Lisa Taikitsadaporn
 - Secretary – Courtney McGuinn
- ISO 6166:2013
 - Convener
- ISO TC68/SC9/WG1
 - Convener – Lisa Taikitsadaporn
 - Secretary – Kathleen Callahan
 - Co-editor – Lisa Taikitsadaporn
- ISO TC68/SC4/AG1
 - Convener – Jim Northey
- ISO TC68/SC8/WG1
 - Secretary – Jim Northey

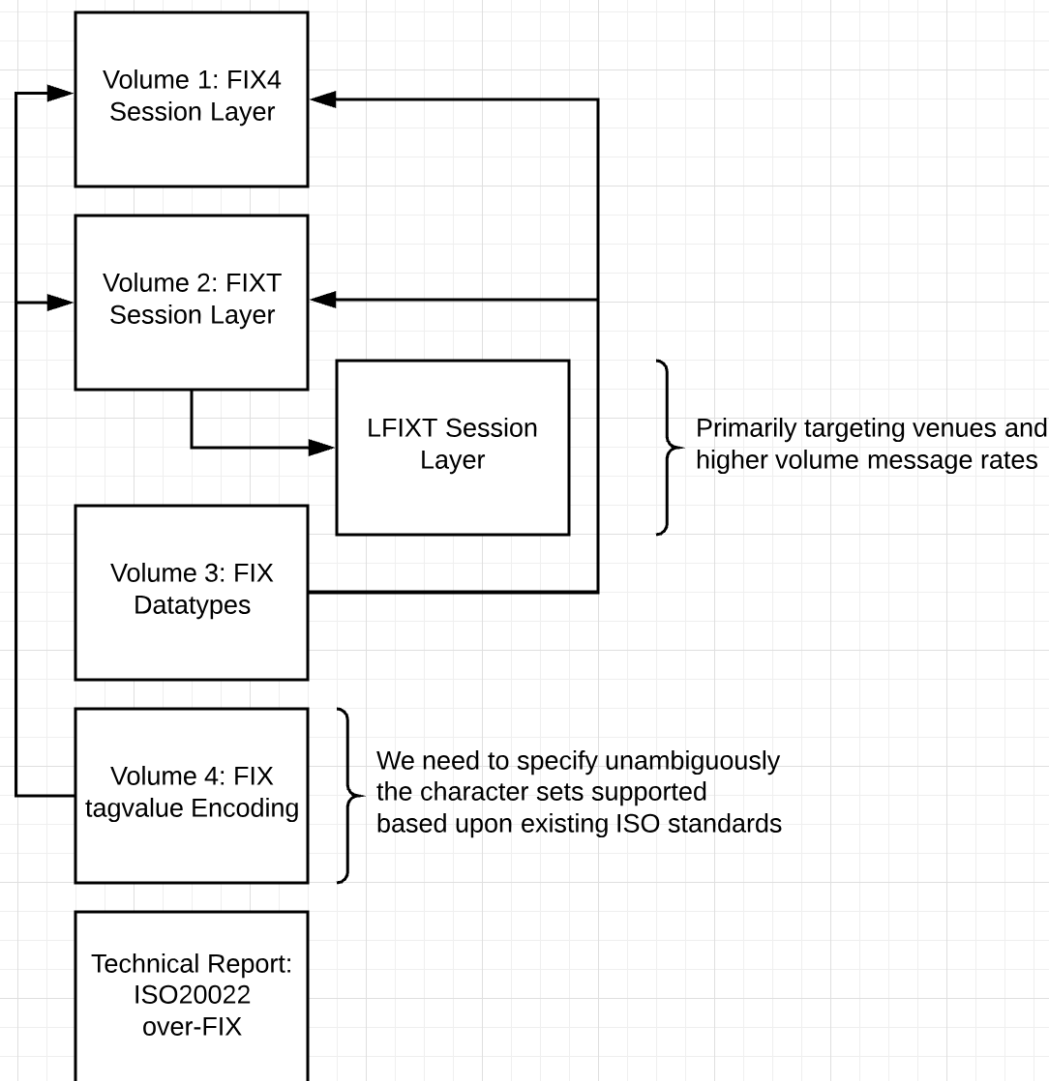
FIX ISO Support

- Current
 - Jim Northey
 - Lisa Taikitsadaporn
 - ISO TC68/SC8/WG1
 - ISO TC68/SC9/WG1
 - ISO TC68/SC9/WG2
 - ISO 20022 RMG
 - Business Process Focus
 - Don Mendelson
 - ISO TC68/SC8/WG1
 - ISO TC68/SC9/WG1
 - ISO TC68/SC9/WG2
 - Semantics Focus
 - Kathleen Callahan
 - ISO TC68/SC0/WG1
 - Courtney McGuinn
 - Overall management of standards
 - Derivatives SubSEG Secretary
- Planned
 - Hanno Klein
 - Ex-Deutsche Boerse SVP
 - Joining FIX in 2019 in a professional capacity
 - Based in Frankfurt, DE
 - Neena Dholani
 - Marketing Support and Communication
 - Based in London, UK

ISO Standardization of the FIX Session

- In the current Form 4, the title of the proposed deliverable is “Light-weight FIX Session Layer Protocol”, but in the following parts, a new WG titled by “FIX Session Layer” will be formed, and we agree to use the FIX Organization to submit a fast track proposal for the FIX Session Layer, including LFIXT.

Proposed FIX Session Layer Standard Organization



Concern

- What is our plot of plan next? Any approximate time table from FIX Organization?

We plan to submit the Fast Track proposal before the end of calendar year 2019 (this year).

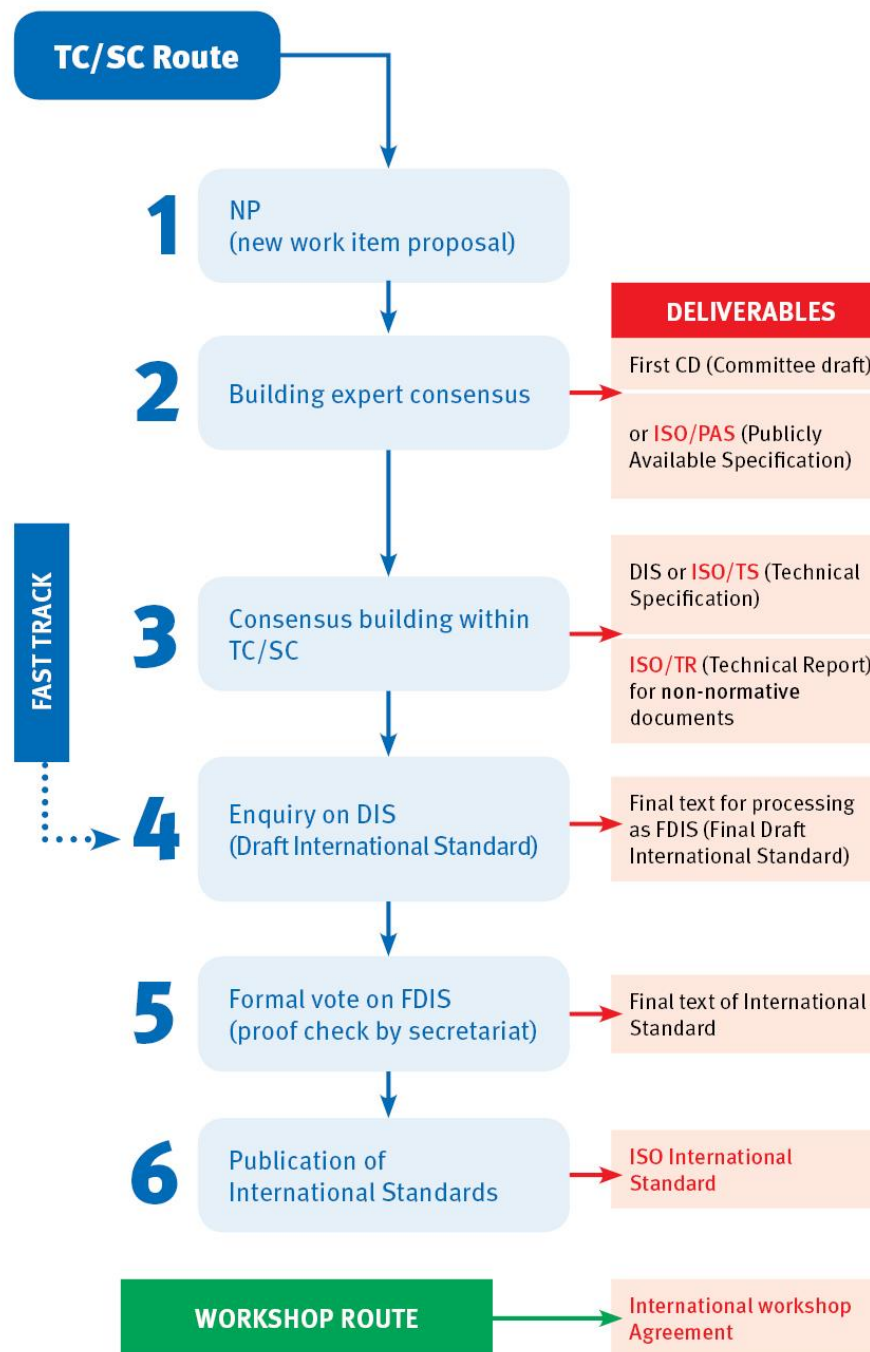
Concern

- What does the fast track process mean? Does it only mean the shorten of time, or does it have other impactions in the work flow?

The Fast Track process should reduce time and the amount of labor required.

The Fast Track process does not require creation of a working group in SC9 for FIX Session Layer standard development.

The following diagram from ISO shows the standard development process and shows how the Fast Track process works.



Universal financial industry message scheme

Current Work

TC 68/ SC 9/WG1 is focused on developing a semantic representation of ISO 20022. This work expanded to provide a multi-standard semantic portal (“MSSP”) based upon a semantic representation of the ISO 20022 meta model. The technical report TR 22126 is provided in several parts.

TR 22126-1	General
TR 22126-2	RDF/OWL Representation of the ISO 20022 Metamodel and e-Repository
TR 22126-3	Semantic Enrichment of the ISO 20022 Conceptual Model
TR 22126-4	Multi-Standard Semantic Portal for Finance
TR 22126-5	Mapping from FIX Orchestra to the common portal data model
TR-22126-6	Mapping from IMIX to the common portal data model
TR-22126-7	Mapping from ISO 15022/MT to the common portal data model
TR 22126-8	Mapping from IFX to the common portal data model
TR 22126-9	Mapping from BIAN to the common portal data model
TR 22126-10	Mapping from ISO 8583 to the common portal data model
TR 22126-11	Mapping from Project ACTUS to the common portal data model
TR 22126-12	Mapping from FIBO to the common portal data model