ISO/IEC JTC 1/SC 32

Data Management and Interchange

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DOCUMENT TYPE	Other Document (Open)
TITLE	Presentation - WG 1 e-Business
SOURCE	WG 1 Convener
PROJECT NUMBER	
STATUS	
REFERENCES	
ACTION ID.	FYI
REQUESTED ACTION	
DUE DATE	
Number of Pages	15
LANGUAGE USED	English
DISTRIBUTION	P & L Members
	SC Chair
	WG Conveners and Secretaries

ISO/IEC JTC1 SC 32 WG1

eBusiness
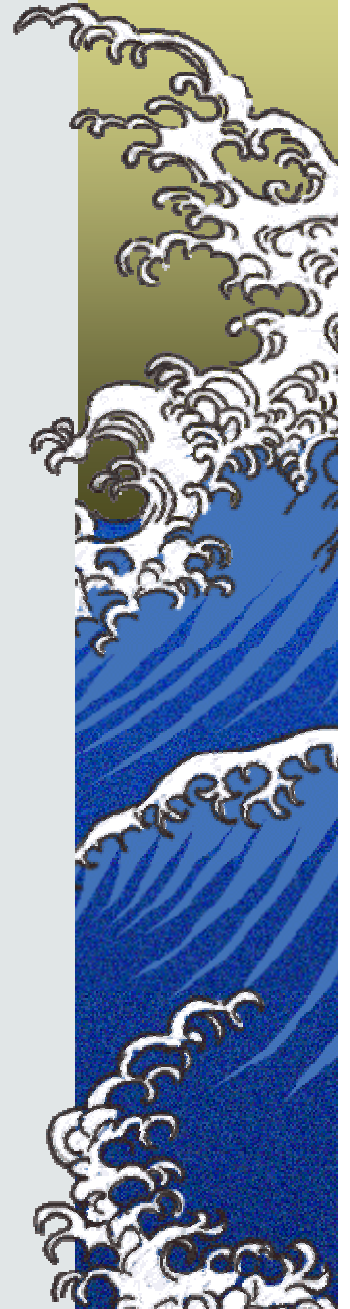
WG 1 scope

- *Standardization in the field of generic information technology standards for open electronic data interchange needed to attain global **interoperability** among the information technology systems used by organizations. **Such interoperability is viewed from both business and information technology perspectives.***

Challenges

- *How to share the understanding of business and its requirements so, that no mutual agreements are needed any more?*

- *What are the things needed to be described: laws, regulations, information contents, roles of participants, sequences of actions, time limits….*

- *How to describe your business in a computer-interpretable way?*

- *How to implement these descriptions?*

- *Logistical chain => Logistical Business Network that can be established easily and ceased after the mission is finished*
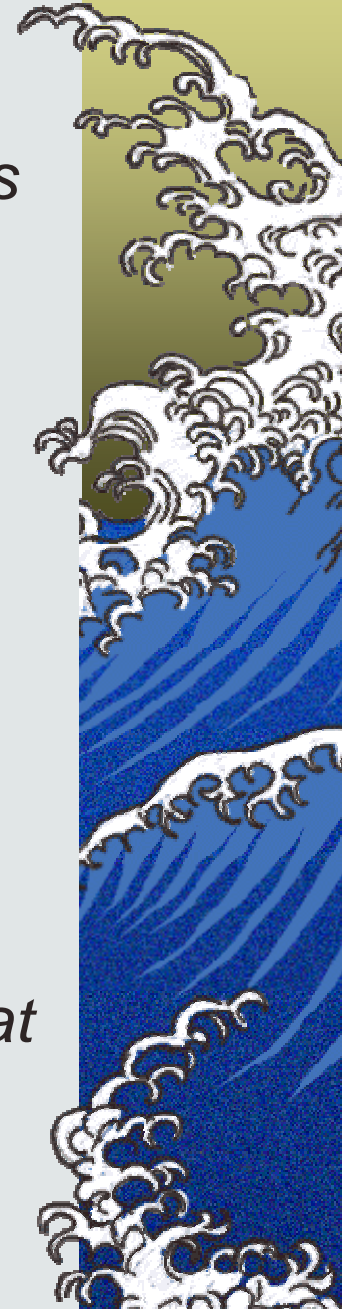
Current activities

- *ISO 14662 (Open-edi Reference Model), Revised 2004*
- *ISO 15944 multipart standard*
- *Close connection to 18022 owned by WG 2*
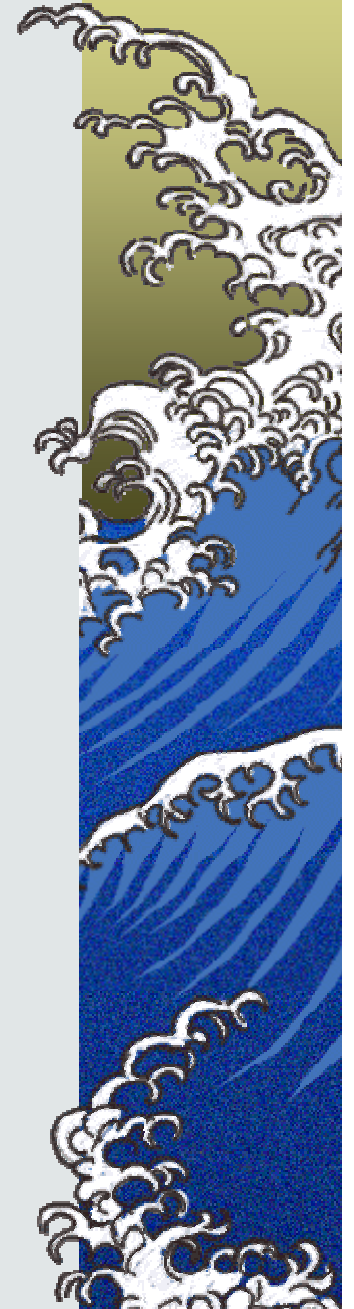
15944

- "The intention is that the sending, by an Open-edi Party, of information from a scenario, conforming to Open-edi standards, shall allow the acceptance and processing of that information in the context of that scenario by one or more Open-edi Parties by reference to the scenario and without the need for agreement. " *=> The work focuses on facilitating business among organizations*
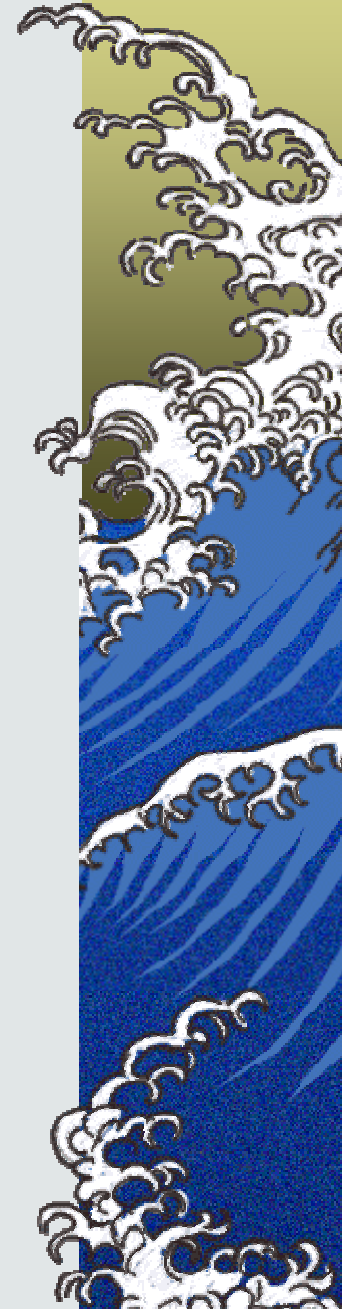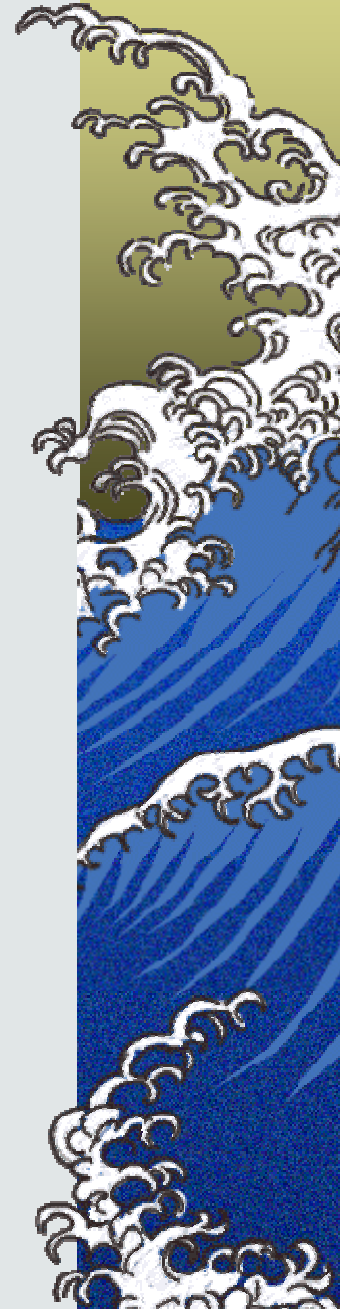
15944-1

- *15944-1: Information technology - Business Agreement Semantic Descriptive Techniques Part 1: Business Operational Aspects of Open-edi for Implementation*
 - *Finished*
  - *First corrigendum being produced*
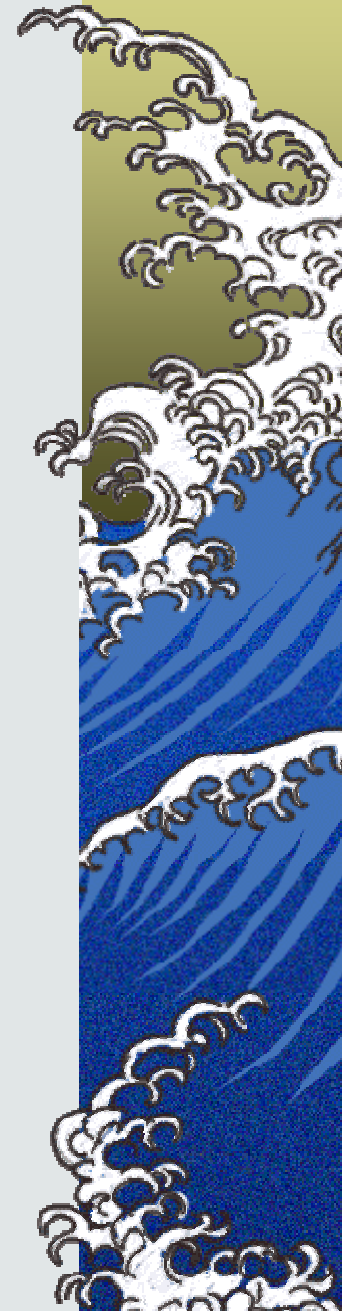
15944-2

- *15944-2: Information technology - Business Agreement Semantic Descriptive Techniques Part 2: Registration of Scenarios and their Components as Business Objects*
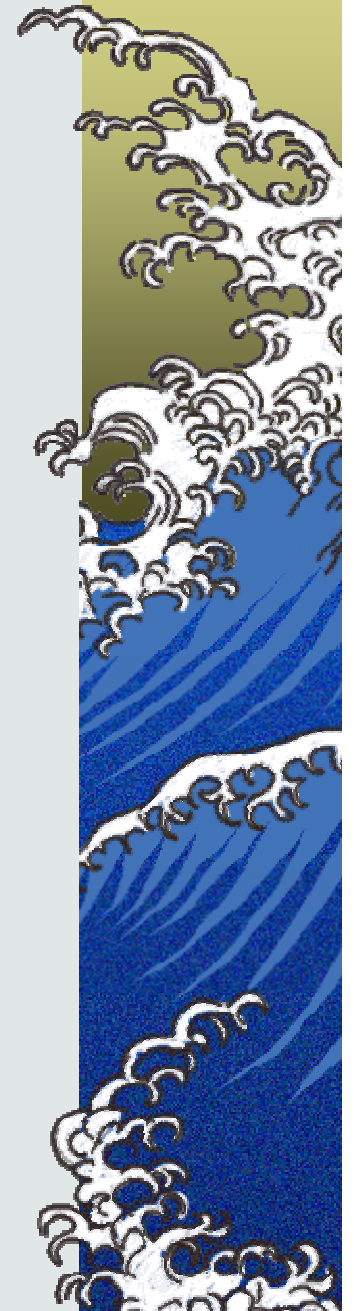 - *Currently being balloted as FCD*
  - *Editor: Paul Levine*

15944-3

- *15944-3: Information technology - Business Agreement Semantic Descriptive Techniques Part 3: Open-edi Description Techniques*
  - *Currently being edited for 2nd CD*
 - *Editors: Paul Levine and Jim Clark*
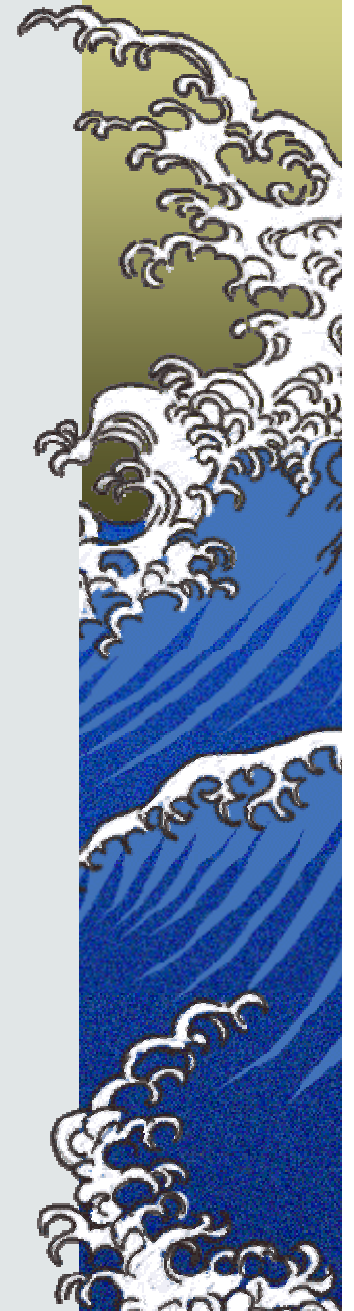
15944-4

- *15944-4: Information technology - Business Agreement Semantic Descriptive Techniques Part 4: Open-edi Ontology*
  - *2nd CD ballot after the Berlin meeting*
 - *Editors: Bill McCarthy and Katsuhiro Morita*

15944-5

- *15944-5: Information technology - Business Agreement Semantic Descriptive Techniques Part 5: Identification and Mapping of Various Categories of Jurisdictional Domains*
  - *Currently being balloted as 2nd CD*
 - *Former 18038*
  - *Editors: Jake Knoppers and David Clemis*
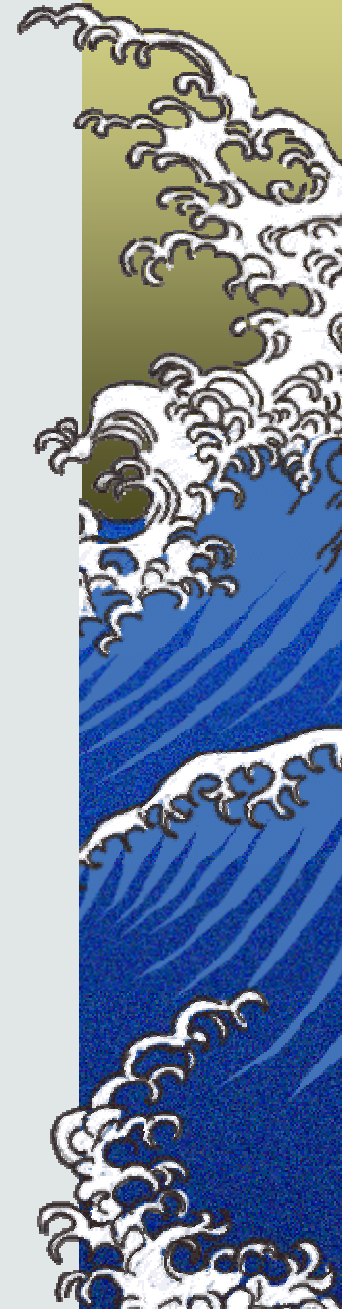
Intended audience

- *XML world: The results of the work have been used in RosettaNet, UMM, ebXML and*

- *Some ISO TCs, like TC 204 (CD 24533, Road Transport Information Exchange).*

- *A more theoretical view (provided by WG1) is needed in addition to technological solutions*
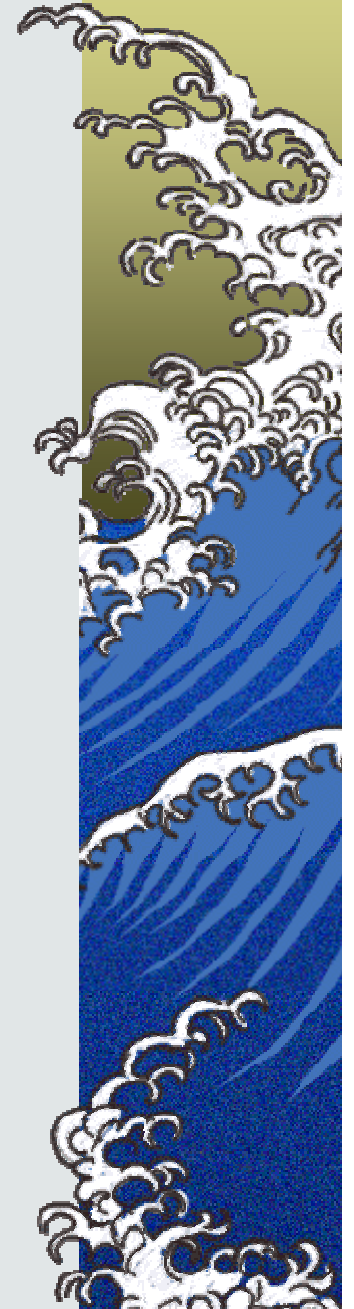
Problems

- *Too many activities have been assigned to a couple of people (editors)*

- *The progress is too slow: Will the standards be useful after a couple of years? Will all the aspects be covered?*

- *Contradictory opinions about the work and organization in the future*
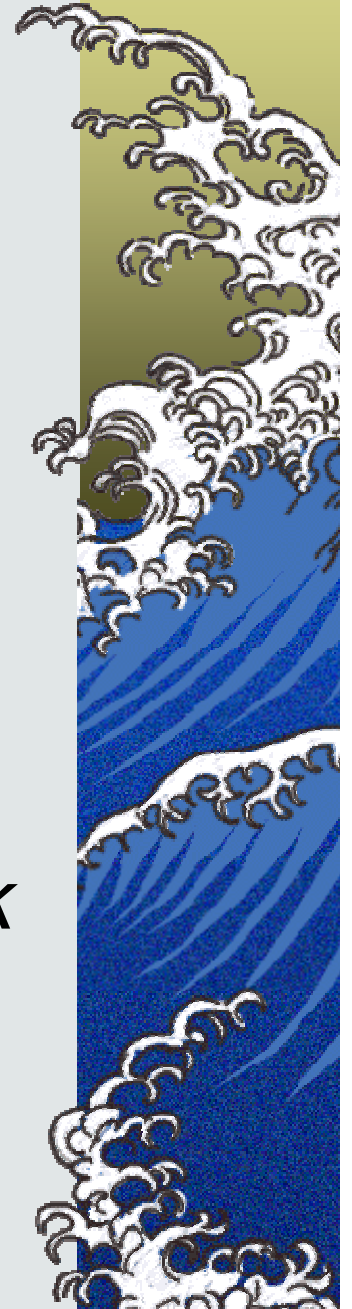
More problems

- *Only a few NBs participating (but the amount has been increasing): Finland, UK, USA, Japan, Canada, China, Korea.*

- *New web site needed: At the moment WG1 does not have a web site for its documents*

- *Some projects in danger of being cancelled due to delays in work*
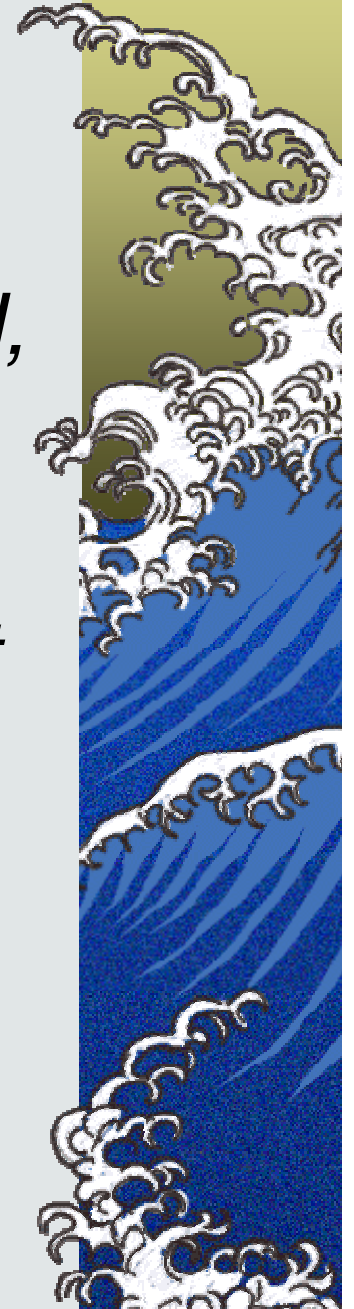
More info

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