

ISO TC154 2024 Plenary

**Process, data elements and documents
in commerce, industry and administration**

2024/10/21-25
Seongnam-city, Korea

Hosted by
National Radio Research Agency (RRA)
Telecommunications Technology Association (TTA)

Members

TC154 P & O members

P-member (16)		O-member (28)	
Austria		Algeria	Malaysia
Bulgaria		Australia	New Zealand
China		Belarus	Norway
Germany		Chili	Palestine
India		Cuba	Poland
Iran		Czech	Romania
Italy		Finland	Saudi Arabia
Japan		France	Singapore
Korea		Hong Kong	Spain
Russia		China	Thailand
Serbia		Hungary	Tunisia
Slovakia		Iceland	Ukraine
Slovenia		Indonesia	Viet Nam
Switzerland		Ireland	
United Kingdom		Kenya	
United States		Luxembourg	

External liaisons

External Liaison (22)		Caterogy
AFACT	Asia Pacific Council for Trade Facilitation and Electronic Business	A
BIS/BRI	Bank for International Settlement	A
CalConnect	The Calendering and Scheduling Consortium	A
DCSA	Digital Container Shipping Association	A
EC	European Commission	A
ETSI	European Telecommunications Standards Institute	A
FIATA	International Federation of Freight Forwarders Association	A
GS1	GS1	A
GSBN	Global Shipping Business Network Limited	A
IETF	Internet Engineering Task Force	A
IMO	International Maritime Organization	A
IPCSA	International Port Community Systems Association	A
ITU	International Telecommunication Union	A
OAGi	Open Application Group, Inc.	A
OASIS	Organization for the Advancement of Structured Information Standards	A
UIC	International Union of Railways	A
UN	United Nations	B
UNCTAD	United Nations Conference on Trade and Development	A
UNECE	United Nations Economic Commission for Europe	A
UPU	Universal Postal Union	A
WCO	World Customs Organization	B
WIPO	World Intellectual Property Organization	B

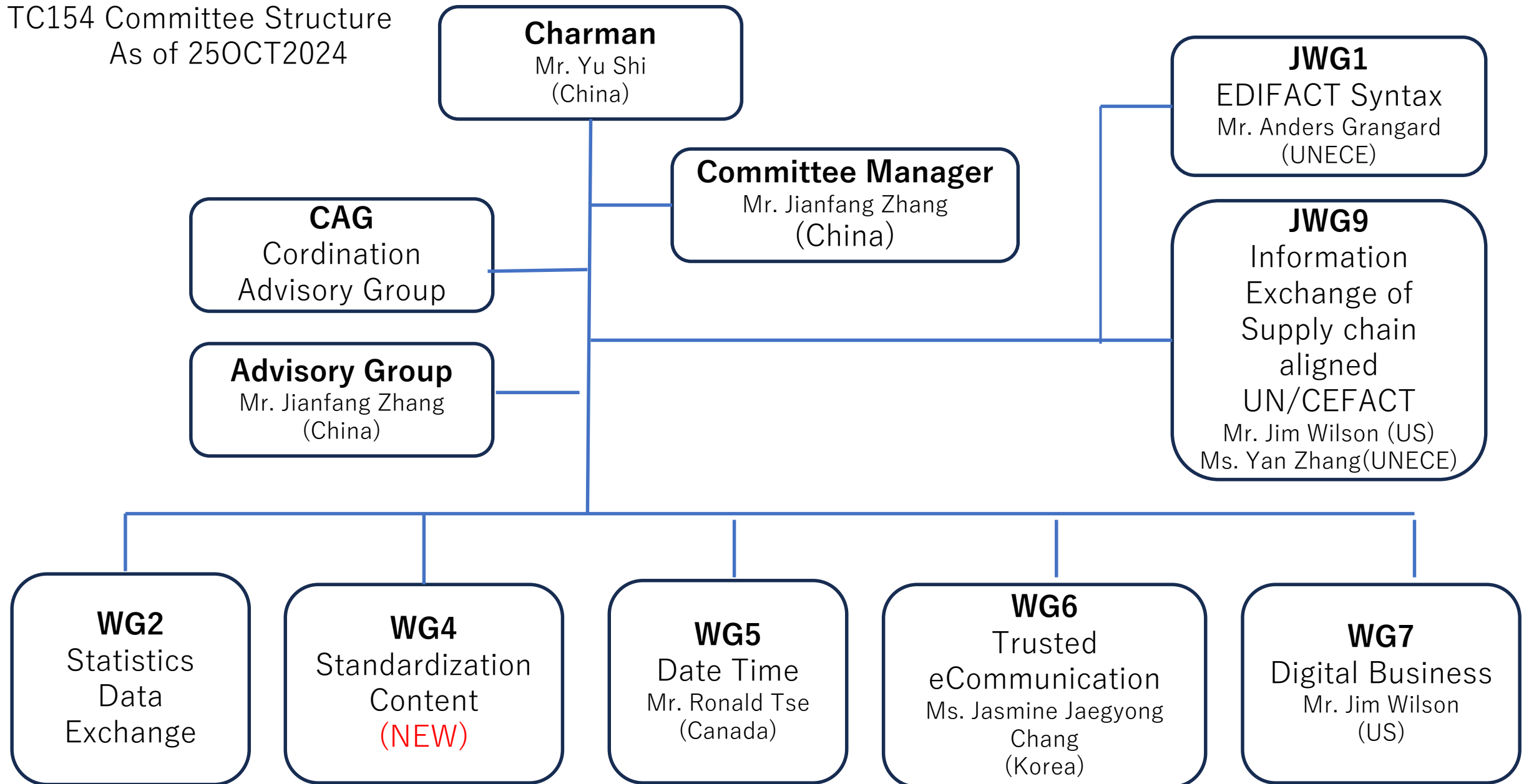
Note:

Liaison A does not have voting rights, but can submit opinions (comments) and can also dispatch a project leader.

Liaisons are requested to submit reports to TC154 each year.

Working Groups

TC154 Committee Structure
As of 25OCT2024



JWGI: EDIFACT Syntax

- SR voted for EDIFACT syntax ISO9735 P1~P9=>Confirmed
- New project proposed
Syntax Implementation Guidance of ISO 9735-II

* SR: Systematic review each 5 years

WG2: Statistics Data Exchange

- WG2 (Statistics Data Exchange) was established by a resolution vote in 2024.
- The draft development of ISO/AWI (Statistical Data and Metadata Exchange (SDMX)) is supposed to be underway, but no progress report was given to the 2024 Plenary. °

* AWI: Approved Work Item

WG4: Standardization Content

- ISO 36100 “Standardized content — Document metamodel” and ISO 36200 “Standardized content – Document metadata” are now up for NWIP ballot.
- It was decided to re-launch WG4 (Standardization Content) as a working group to handle ISO36100 and ISO36200.
- This standard aims to turn process definitions and information definitions into machine-readable models in accordance with the ISO SMART (Standards Machine Applicable, Readable and Transferable) standard.
- For the standardization of process and information definitions, there are methods that have been put into practical use, such as the Unified Modeling Methodology (UMM) and the Core Component Technical Specification (CCTS) of the United Nations CEFACT, and meta-specifications such as the Metamodel framework for interoperability (MFI) and Meta Data Registry (MDR) of JTC1 SC32 have also been established.

What is unique about this project is that it is being carried out in accordance with SMART, but setting the project scope seems to be quite difficult.

WG5: Date Time

- ISO8601-1 (Representations for information interchange — Part 1: Basic rules) and ISO8601-2 (Part 2: Extensions) have been confirmed for a Systematic Review (SR) vote in 2024.
- Furthermore, a proposal was made to correct errors, and work will continue on the revised draft as WD.

WG6: Trusted e-Communication

- ISO 19626-3 Trusted communication platform (TCP) for electronic documents - Pt 3 : Blockchain-based implementation guideline voting has begun (period: 30/Aug – 22/Nov). The feature of this TCP is that trusted institutions are required to log the information exchanged/shared (DLT), and it appears to have been partially implemented in Korea.
- The proposed revision to ISO 14533-3, Long term signature profiles for PDF Advanced Electronic Signatures (PAdES), submitted by Japan, was approved through CD voting.
- A JSON version of long-term electronic document preservation (Long term signature – Part 3: Profiles for JSON Advanced Electronic Signatures (JAdES)) was proposed by ETSI, and it was agreed that it would be registered in NWIP.

WG7: Digital Business

- ISO16320 Smart contract based B2B
 - ➔ The NP vote failed due to a lack of participating experts, and the proposal was re-proposed as a TR.
- ISO20195 Blockchain implementation in industrial internet
 - ➔ The NP vote failed, and the project team is preparing for a TR vote by limiting the scope and deleting the normative part.
- ISO20191 Carbon data interoperability
 - ➔ PWI work is delayed due to the need to balance with GX-related projects such as the DPP project and product risk management project.
- ISO20180 Risk based product quality data interchange
 - ➔ The NP vote failed, and a re-vote is being considered as a TR focusing on MRV (Monitor/Report/Verify).
- ISO/TR 20194 Digital trade — General principles and key initiatives
 - ➔ The project was approved.
- ISO15000-5 Core component specification
 - ➔ WG7 requests SR and related amendments (To be discussed in CAG).

JWG9:ISO/UNECE joint working group for information exchange of supply chain aligned to UN/CEFACT semantics

- ISO23355 Visibility data interchange between logistics information service providers → Published.
- ISO20197-1 Buy-Ship-Pay Reference Data Model – Part 1: Business Requirement Specification → Under FDIS voting (until 22/Nov).
- ISO20197-2 Buy-Ship-Pay Reference Data Model – Part 2: Core Components Business Document Assembly → Fast track voting is requested.
- ISO5909 Data Interchange and Business Processes of DLT-based electronic Bill of Lading → Under CD voting (until 13/Nov) .
- ISO7372: United Nations Trade data elements directory (UNTDDED) → Revision preparation work in progress supported by ICC/IMO/WCO.
- ISO16356 Data and process of edible agricultural products based on blockchain and DLT application → The draft is under editing.
- ISO25534-1 Digital Product Passport - Part 1: Overview and fundamental principles → PWI was approved.

2025 Plenary and WG/JWG meetings hosted by the ANSI/OAGi in September 2025 in the United States.