

ISO TC154 2024年総会

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

2024年10月21日-25日

韓国ソナム

会議主催

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	

Internal liaisons

Liaison Committee (17)	
IEC/SC 3D	Classes, Properties and Identification of products
ISO/IEC JTC1	Information technology
ISO/IEC JTC1 SC31	Automated identification and capture techniques
ISO/IEC JTC1 SC32	Data management and interchange
ISO/TC8	Ships and marine thechnology
ISO/TC37	Language and terminology
ISO/TC46	Information and documentation
ISO/TC46 SC11	Archives/records management
ISO/TC104	Freight containers
ISO/TC184	Automation systems and integration
ISO/TC184 SC4	Industrial data
ISO/TC204	Intelligent transport systems
ISO/TC295	Audit data services
ISO/TC298	Rea earth
ISO/TC307	Blockchain and distributed ledger technologies
ISO/TC321	Transaction assurance in E-commerce
ISO/TC323	Circular economy

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

Ballots

CIB Ballot

No.	Draft Resolution No.	Voting result	Document No.	Note
1	Resolution 2024-01	approved	N1464	adoption of a revision of ISO 17369-2013
2	Resolution 2024-02	approved	N1467	Appointment the project leader of ISO 23355
3	Resolution 2024-03	approved	N1474	change of development period for ISO 7372(UNTDED)
4	Resolution 2024-04 Resolution 2024-05	Approved approved	N1475 N1475	change of co-leaders and project title for ISO 5909
5	Resolution 2024-06 Resolution 2024-07	Approved approved	N1477 N1477	nomination of liaison representatives from TC154 to TC184/SC5 and JTC1/SC31
6	Resolution 2024-08	approved	N1478	establishment of ISO/TC154/WG2
7	Resolution 2024-09	approved	N1483	Appointment of the co-leaders of ISO/PWI 16356
8	Resolution 2024-10	approved	N1484	Appointment of ISO/TC154/WG2 convener
9	Resolution 2024-11	approved	N1491	PWI registration for “Guidance of data registration for data utilization” (ISO/PWI 25320)
10	Resolution 2024-12	approved	N1498	Cancellation of ISO/TR 19626-3
11	Resolution 2024-13	approved	N1512	Establishment of liaison with TC347
12	Resolution 2024-14	approved	N1517	Initiating ISO/TR 20180
13	Resolution 2024-15	approved	N1522	PWI registration for “Digital Product Passport - Part 1: Overview and fundamental principles”

NP Ballot

No.	NP times	Project number	Voting result	Document No.	Note
1	The second	ISO/NP 16320-1	failed	N1454	only 2 P-members appointed the experts, comments from JISC and SAC were received
2	The first	ISO/NP 20180	failed	N1486	only 2 P-members appointed the experts, and comments from SAC were receive. The project has changed into TR as per Resolution 2024-14(Nxxxx)
3	The first	ISO/NP 20195	failed	N1485	only 2 P-members appointed the experts
4		ISO/NP 22132	approved	N1495	comments from KATS and ANSI were received
5		ISO/NP 19626-3			Ballot will close on 2024-11-22

CD Ballot

No.	Project number	Voting result (Document No.)	Note
1	ISO/CD 14533-3	N1487	No comment was received
2	ISO/CD 5909		Ballot will close on 2024-11-13

DIS Ballot

No.	Project number	Voting result	Document No.	Note
1	ISO 8601-2:2019/DAmD 1	approved	N1476 (Form13)	comments from SAC and ISO/CS are received
2	ISO/DIS 20197-1	Approved	N1482(Form13)	comments from ASI, INSO,SAC,ISO/CS have been received.
3	ISO/DIS 14533-3			Ballot will close on 2024-10-30

FDIS Ballot

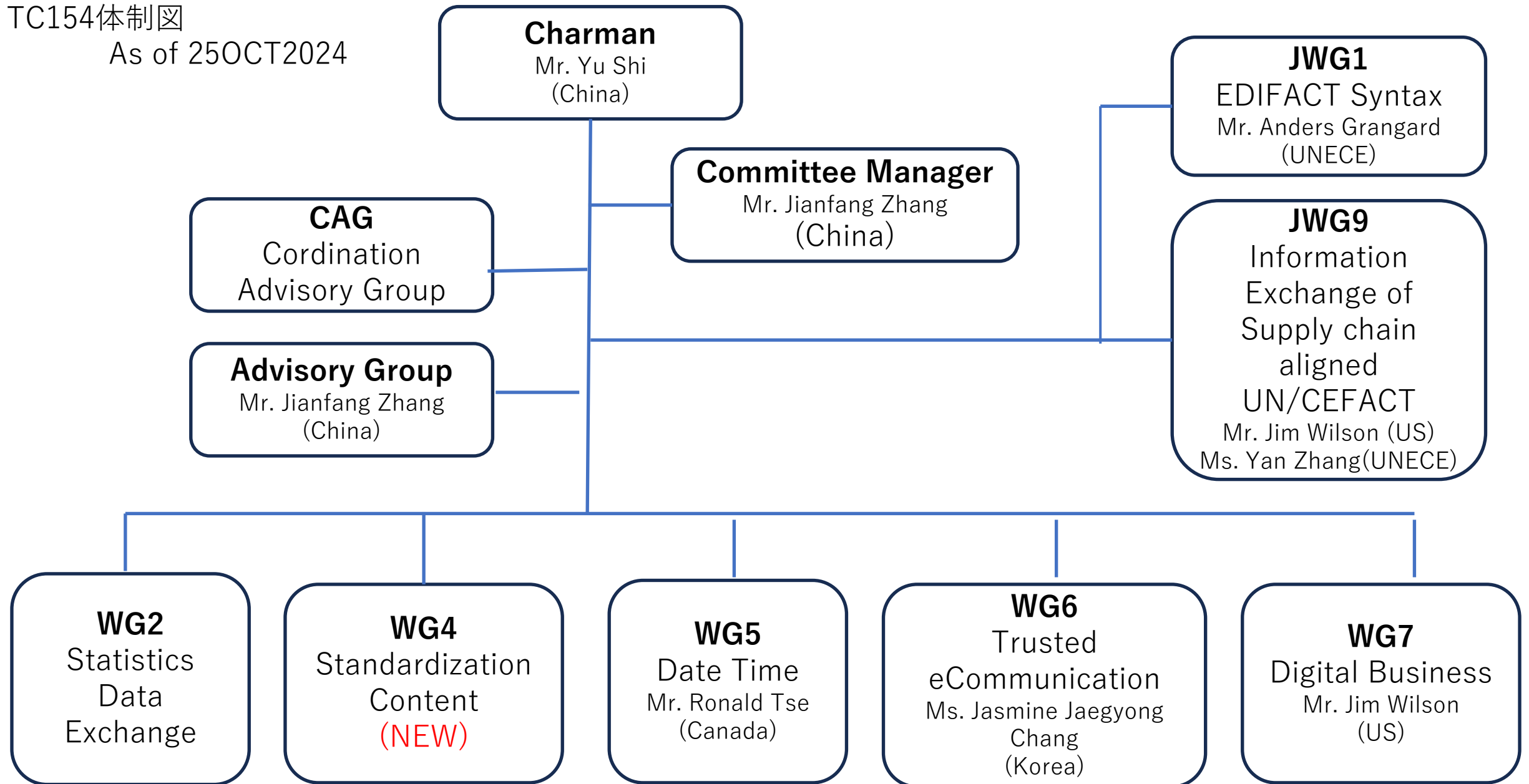
No.	Project number	Voting result	Document No.	Note
1	ISO/FDIS 23355	approved	N1490	No comment is received.
2	ISO/FDIS 20197-1			Ballot will close on 2024-11-22

SR Ballot

No.	Project number	Voting result	Document No.	Note
1	ISO/TS 20625:2002 (vers 6)	Confirmation	N1468	Only SNV voted for revision, but SNV has not nominated any expert to the possible revision.
2	ISO 8601-1:2019	Confirmation	N1488	3 P-members (SAC, BSI, DIN) agreed to revise , comments from DIN was received.
3	ISO 8601-2:2019	Confirmation	N1489	2 P-members (SAC, BSI) agreed to revise.
4	ISO 9735-1:2002 (Ed 2, vers 4)	Confirmation	N1503	0 P-members revised or amended
5	ISO 9735-2:2002 (Ed 2, vers 4)	Confirmation	N1504	0 P-members revised or amended
6	ISO 9735-3:2002 (Ed 2, vers 4)	Confirmation	N1505	0 P-members revised or amended
7	ISO 9735-4:2002 (Ed 2, vers 4)	Confirmation	N1506	0 P-members revised or amended
8	ISO 9735-5:2002 (Ed 2, vers 4)	Confirmation	N1507	0 P-members revised or amended
9	ISO 9735-6:2002 (Ed 2, vers 4)	Confirmation	N1508	0 P-members revised or amended
10	ISO 9735-7:2002 (Ed 2, vers 4)	Confirmation	N1509	0 P-members revised or amended
11	ISO 9735-8:2002 (Ed 2, vers 4)	Confirmation	N1510	0 P-members revised or amended
12	ISO 9735-9:2002 (Ed 2, vers 4)	Confirmation	N1511	0 P-members revised or amended

TC154体制図

As of 25OCT2024



JWG1: EDIFACT Syntax

- EDIFACTシンタックス ISO9735 P1~P9のSR投票=>Confirmed
- 新プロジェクト提案
Syntax Implementation Guidance of ISO 9735-11

WG2: Statistics Data Exchange

- 2024年度中の決議投票によりWG2 (Statistics Data Exchange) が設置された。
- ISO/AWI (Statistical Data and Metadata Exchange (SDMX)) のドラフト開発が進められているはずであるが、2024年総会に進捗報告はなされなかった。

WG4: Standardization Content

- ISO 36100 “Standardized content — Document metamodel”及びISO 36200 “Standardized content – Document metadata”がNWIP投票にかけられることとなった。
- ISO36100/ISO36200を取り扱う作業グループとしてWG4（Standardization Content）を再立ち上げすることとなった。
- 本規格は、ISOのSMART（Standards Machine Applicable, Readable and Transferable）規格に則り、プロセス定義や情報定義をMachine readableなモデルに仕立て上げようとするものである。
なお、プロセス定義や情報定義の標準化は、UMM（Unified Modeling Methodology）や国連CEFACTのCCTS（Core Component Technical Specification）で実用化された手法があり、またJTC1 SC32のMFI（Metamodel framework for interoperability）やMDR（Meta Data Registry）などのメタ仕様が設定されている。本プロジェクトはSMARTに則って進められることがユニークなところであるが、プロジェクトスコープを設定するのが相当難しいと思われる。（菅又 私見）

WG5: Date Time

- ISO8601-1 (Representations for information interchange — Part 1: Basic rules) 及び ISO8601-2 (Part 2: Extensions) は 2024 年度に SR (Systematic Review) 投票が行われ確認された。
- 更に、エラー修正の提案があり、修正版ドラフトをWDとして作業が継続されることとなった。

WG6: Trusted e-Communication

- ISO 19626-3 Trusted communication platform (TCP) for electronic documents - Pt 3 : Blockchain-based implementation guidelineのNP投票が開始されている（期間：8月30日～11月22日）。
当TCPの特徴は信用される機関が交換／共有される情報（DLT）のログを義務付けるところにあり、韓国では一部実装されているようである。
- 日本より提出されたISO 14533- 3電子文書長期保存（Long term signature profiles for PDF Advanced Electronic Signatures (PAdES)）の改定案はCD投票の結果、承認された。
- 電子文書長期保存のJSON版（Long term signature – Part 3: Profiles for JSON Advanced Electronic Signatures (JAdES)）がETSIより提案され、NWIPを行うことが合意された。

WG7: Digital Business

- ISO16320 Smart contract based B2B
 - ➔ NP投票はFail：参加エキスパート不足のためTRとして再提案
- ISO20195 Blockchain implementation in industrial internet
 - ➔ NP投票はFail：Scopeを限定しNormative部分を削除してTR準備中
- ISO20191 Carbon data interoperability
 - ➔ PWI作業遅れ：DPPプロジェクトや製品リスク管理プロジェクト等GX関連プロジェクトとの兼ね合いを考慮
- ISO20180 Risk based product quality data interchange
 - ➔ NP投票はFail：MRV（Monitor/Report/Verify）を中心としたTRで再検討
- ISO/TR 20194 Digital trade — General principles and key initiatives
 - ➔ プロジェクト承認
- ISO15000-5 Core component specification
 - ➔ WG7がSRと関連Amendment担当を要請：今後CIBで検討

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 → 公開済
- ISO20197-1 Buy-Ship-Pay Reference Data Model – Part 1: Business Requirement Specification → FDIS投票（～11月22日）
- ISO20197-2 Buy-Ship-Pay Reference Data Model – Part 2: Core Components Business Document Assembly → Fast track要請
- ISO5909 Data Interchange and Business Processes of DLT-based electronic Bill of Lading → CD投票中（～11月13日）：国連CEFACTとの整合化作業推進
- ISO7372: United Nations Trade data elements directory (UNTDED) → 改訂準備作業進行（協力ICC/IMO/WCO）
- ISO16356 Data and process of edible agricultural products based on blockchain and DLT application → ドラフト編集中
- ISO25534-1 Digital Product Passport - Part 1: Overview and fundamental principles → PWI承認：国連CEFACT勧告49との整合化検討