

ISO TC154 2025年総会

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

2025年9月22日-26日
米国：ノースカロライナ州：ローリー

会議主催

OAGi: The Open Applications Group, Inc.
ANSI: American National Standards Institute

Members

TC154 P & O members

P-member (19)		O-member (26)	
Austria		Algeria	Saudi Arabia
Bulgaria		Australia	Singapore
China		Belarus	Spain
Denmark		Chili	Thailand
Germany		Cuba	Tunisia
India		Czech	Ukraine
Iran		Finland	Viet Nam
Italy		France	
Japan		Hong Kong	
Korea		China	
Luxembourg		Hungary	
Netherlands		Iceland	
Norway		Indonesia	
Russia		Irland	
Serbia		Kenya	
Slovakia		Malaysia	
Slovenia		New Zealand	
Switerland		Palestine	
United Kingdom		Poland	
United States		Romania	

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 technology
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/PC245	Cross-border trade of second-hand goods
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
ISO/TC344	Innovative logistics

External liaisons

External Liaison (24)		Caterogy
AFACT	Asia Pacific Council for Trade Facilitation and Electronic Business	A
BIMCO	Baltic & International Maritime Council	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
ODCCN	Organization for Trade Development and Standards Cooperation	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 (1)

No.	Draft Resolution No./ CIB for	Voting Result	Document No.	Note
1	Result of voting on CAG Term of Reference (ToR)	approved	N1560	CAG Term of Reference (ToR) (N1518)
2	Result of voting on how to form TC decision from (J)WG/CAG Recommendation(N1519)		N1561	6 P-members approved the ballot, and 1 P-member (UNI) disapproved the ballot. Comments from ANSI and UNI were received. Waiting for the comments disposition, and then “foundational guidelines and common-sense explanations on how to form TC decision from WG-JWG-CAG Recommendation” N1519 may be updated accordingly.
3	Resolution V-2025-01	approved	N1565	Establishment of liaison with TC176
4	Resolution V-2025-02	approved	N1574	Nomination of 4 ISO/TC 154 experts (Mr. Yu Shi , Ms. Zhaoyang Sun , Mr. Hisanao Sugamata, Ms. Sue Probert) as the ISO observers to CEN/CENELEC JTC24. Comment from SNV was received. (also including CAG N 260) CAG of June has discussed the issue.
5	Resolution V-2025-03	approved	N1575	Establishment of ODCCN for A-liaison membership with TC154
6	CIB to gather additional commitments to ISO 14533-5	failed	N1570	ISO/NP 14533-5 ballot failed
7	CIB to gather additional commitments to ISO 16356	failed	N1579	ISO/NP 16356 ballot failed
8	Resolution V-2025-04	approved	N1583	Establishment of BIMCO for A-liaison with TC154

CIB Ballot (2)

[illegible]

NP Ballot

No.	NP times	Project number	Voting result	Document No.	Note
1		ISO/NP 19626-3 (TCP-Blockchain)	approved	N1549(Form6)	5 P-members approved the project and nominated the experts, comments from KATS and SAC were received. N1576 is the comments disposition.
2		ISO/NP 36100 (Standardized Content-Metamodel)	failed	N1569 (Form6)	3 P-members approved the project, but 1 P-member appointed the experts.
3	first	ISO/NP 14533-5 (Long term signature – JSON)	failed	N1570 (Form6)	4 P-members approved the project and nominated the experts. Comments from DIN, SAC and KATS were received.
4	first	ISO/NP 16356 (Agricultural Product Traceability)	failed	N1580 (Form6)	5 P-members approved the project, but 3 P-members nominated the experts. The comments from SAC, KATS and SNV were received in N1571.
5	Second	ISO/NP 16356 (Agricultural Product Traceability)			Ballot will close on 9 Dec.
6	Second	ISO/NP 14533-5 (Long term signature – JSON)			Waiting for the submission for ballot

CD Consultation

No.	Project number	Voting result (Document No.)	Note
1	ISO/CD 5909 (eBL)	N1545 (Form 08 A)	Comment from JISC was received. N1546 is disposition of comments disposition.
2	ISO/CD 19626-3 (TCP-Blockchain)	N1594	Comment from SAC and INSO was received. Form08 A will be made base on technical comments disposition in WG6 and TC (chair) decision.
3	ISO/CD TR 20180 (Product Quality)	N1602	Comment from KATS and INSO was received at OSD platform.
4	ISO/CD 17369 (SDMX: Statistical Data and Metadata)		Ballot will close on 15 Nov.
5	ISO/CD 22132 (Bar code)		Ballot will close on 15 Nov.

DIS Ballot

No.	Project number	Voting result	Document No.	Note
1	ISO/DIS 14533-3 (ed2) (Long term signature – PDF)	Approved	N1557(Form13)	comments from JISC and ISO/CS were received. N1581 is the comments disposition
2	ISO/DIS 5909 (eBL)	Approved	N1584 (Form13)	Comments from DCSA and ISO/CS were received, including technical comments. N1595 is the disposition of received comments.

DIS Ballot

No.	Project number	Voting result	Document No.	Note
1	ISO/DIS 14533-3 (ed2) (Long term signature – PDF)	Approved	N1557(Form13)	comments from JISC and ISO/CS were received. N1581 is the comments disposition
2	ISO/DIS 5909 (eBL)	Approved	N1584 (Form13)	Comments from DCSA and ISO/CS were received, including technical comments. N1595 is the disposition of received comments.

FDIS Ballot

No.	Project number	Voting result	Document No.	Note
1	ISO/FDIS 20197-1 (B-S-P Reference Data Model)	Approved	N1548	Comments from DIN and UNECE were received. The standard was published in 2024.
2	ISO/FDIS 14533-3 (Long term signature – PDF)			Will close on 22 Sep 2025
3	ISO/FDIS 5909 (eBL)			submitted to ISO/CS and ballot will start soon

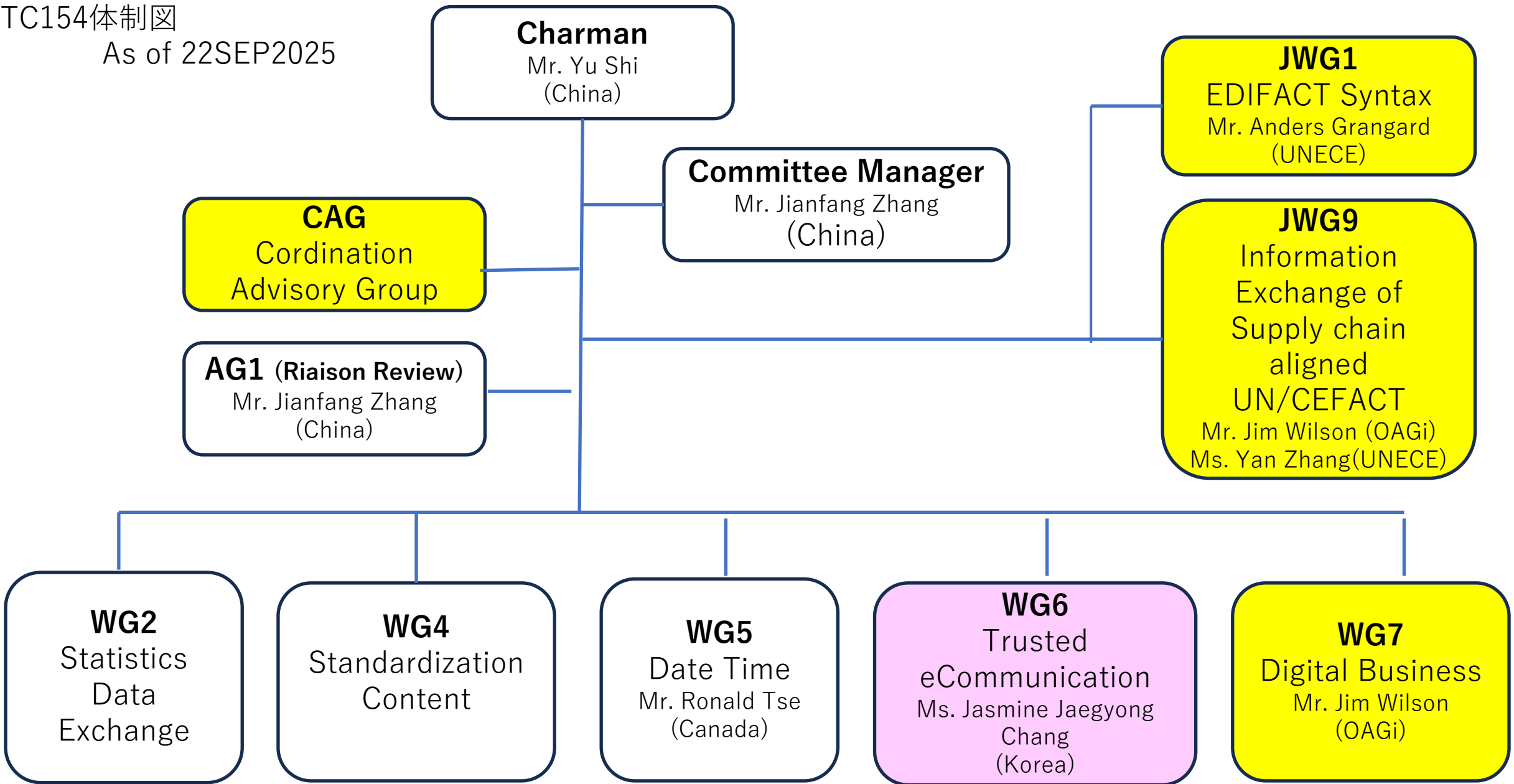
DTR Ballot

No.	Ballot times	Project number	Voting result	Document No.	Note
1	First	ISO/DTR 16320-1 (Smart Contract)	Technical comments received	N1566	5 P-members approved, <u>1 P-member disapproved</u> and 12 P-members abstained. Comments from KATS and SAC were received, including technical comments. Waiting for the submission of the comments disposition
2	Second	ISO/DTR 16320-1 (Smart Contract)			Waiting for the submission for second DTR ballot

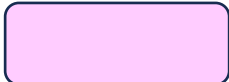
SR Ballot

No.	Project number	Voting result	Document No.	Note
1	ISO 15000-5:2014 (vers 2)_(ed1) (CCTS)	Confirm	N1556	8 P-members confirmed, 0 P-member withdrawn, 9 P-members abstained, 0 P-members revised
2	ISO 19626-1:2020 (TCP-Fundamentals)	confirm	N1587	6 P-members confirmed, 0 P-member withdrawn, 12 P-members abstained, 0 P-members revised
3	ISO 22468:2020 (Value Stream Management)	confirm	N1588	5 P-members confirmed, 0 P-members withdrawn, 12 P-members abstained, 1 P-members revised or amended. Comments from DIN were received.
4	ISO 23354:2020 (Visibility of Logistics Flow)	confirm	N1598	6 P-members confirmed, 0 P-member withdrawn, 1 P-member revised/amended, 12 P-members abstained. comments from DIN and KATS were received.
5	ISO 14533-4:2019 (Long term signature – XML)	confirm	N1600	6 P-members confirmed, 0 P-members withdrawn, 11 P-members abstained, 0 P-members revised or amended.
6	ISO 20415:2019 (Trusted mobile e-document)	confirm	N1601	5 P-members confirmed, 0 P-members withdrawn, 12 P-members abstained, 0 P-members revised or amended.

TC154体制図
As of 22SEP2025



TC154国内委員会（EDI対応） => メンバー



TC154国内委員会（WG6対応） : => メンバー

JWG1: EDIFACT Syntax

- EDIFACTシンタックス ISO9735 -11導入ガイドライン (TR)
 - Editorが決まらずプロジェクトは停滞。
- シンタックス・コード (0007) 追加要求 (DMR)
 - 0007 (Identification code qualifier)は、ISO6523と同期する必要あり。
 - DB Energie GmbH (ドイツ鉄道の子会社) からの要求➡今後検討要。

WG2: Statistics Data Exchange

- ISO17369: Statistical Data and Metadata Exchange(SDMX) はCDコンサルテーション投票中 (11月15日㇏)。
- 新プロジェクト : Statistical data validation and transformation languageを検討中。

WG4: Standardization Content

- ISO 36100 “Standardized content — Document metamodel”及びISO 36200 “Standardized content – Document metadata”は、NWI（New Work Item）に登録されたが、十分な（5か国）プロジェクト参加者が見込まれないため、NP（New Project）投票にはかけられていない。

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が、更にエラー修正のため Amendmentを行うためのドラフトが提案された。
- 当標準は世界中で広く使われており、ユーザーより度々の修正要求が行われている。今後、修正要求に迅速に応える仕組みを検討する必要がある。

WG6: Trusted e-Communication

- ISO 19626-3 Trusted communication platform (TCP) for electronic documents - Pt 3 : Blockchain-based implementation guidelineのCD (Committee Draft) 投票で出されたコメント解決 (Resolution) 審議が行われた。コメント解決を反映した文書につき、DIS (Draft International Standard) 投票を行うことにした。
- 電子文書長期保存のJSON版 (Long term signature – Part 3: Profiles for JSON Advanced Electronic Signatures (JAdES)) : PWI14533-5のNP (New Project) 投票が否決され、投票のコメントを反映した文書により、2回目のNP投票を行うこととした。

(注)

PWI: Preliminary Work Item

WG7: Digital Business (1)

- TR16320-1: Smart contract based B2B (ISとしてのNP投票は参加エキスパート不足のため否決) のCD投票のコメント解決が行われ、改善してDTR (Draft Technical Report) 投票を行うこととなった。
- ISO20180 Risk based product quality data interchangeのNP投票は否決され、TRとして再提案するために作業中。当TRで使用しているデータ要素をISO7372 (Trade Data Element Directory) と整合化するようにとのコメントがなされた。
- ISO/PWI20195:Technical requirements for blockchain implementation in industrial internet及びISO/PWI TR20194: Digital Trade – Basic concepts and key initiativesは特に進展なし。

WG7: Digital Business (2)

- 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
- PWI26087: Processes and data in carbon market monitoring reporting verification (MRV) - Data quality assessmentの提案説明が行われ、NP投票を行うことになった。
- 新たにApplication of Data Exchange for Commercial off-the-shelf (COTS) Componentsの提案が行われ、新プロジェクト（PWI）として登録することとなった。
- ISO22132: Bar code usage in trade documentは現在CD投票中である（11月15日✕）。

JWG9:ISO/UNECE joint working group for information exchange of supply chain aligned to UN/CEFACT semantics(1)

- ISO20197-2 Buy-Ship-Pay Reference Data Model – Part 2: Core Components Business Document AssemblyはFast trackの要請中。
- ISO5909 Data Interchange and Business Processes of DLT-based electronic Bill of Ladingは国連CEFACTとの整合化作業が完了し、FDIS投票の開始待ち。
- ISO7372: Trade data elements directory (TDED)の改訂作業が進行中であるが、ISOプロジェクトとしての期限が切れるため一端プロジェクトをキャンセルし、新たに3年間プロジェクトとして登録しなおすこととなった。
- ISO16356 Data and process of edible agricultural products based on blockchain and DLT applicationはNP投票中（12月9日✕）。

JWG9:ISO/UNECE joint working group for information exchange of supply chain aligned to UN/CEFACT semantics(2)

- ISO25534-1 Digital Product Passport - Part 1: Overview and fundamental principlesプロジェクトでは次の活動報告があった。
- CEN/CENELEC（欧州標準化委員会及び欧州電気標準化委員会）のJTC24は欧州におけるDPPシステムのフレームワーク標準化を進めており、当該標準フレームワークの公開レビューが行われた。TC154は、JTC24のオブザーバーとしてコメントを提出している。
- ドイツの要請により、DPP標準化を担当する新たなISO/IEC合同技術委員会（JTC）設置の提案があり、ISOの技術管理評議会（TMB）にて新JTCの設置が審議されて投票にかけられた。
- ISO25534-1 のプロジェクトチームはNP投票に向けて、提案書（Form 4）の原案を策定し、審議に入った。