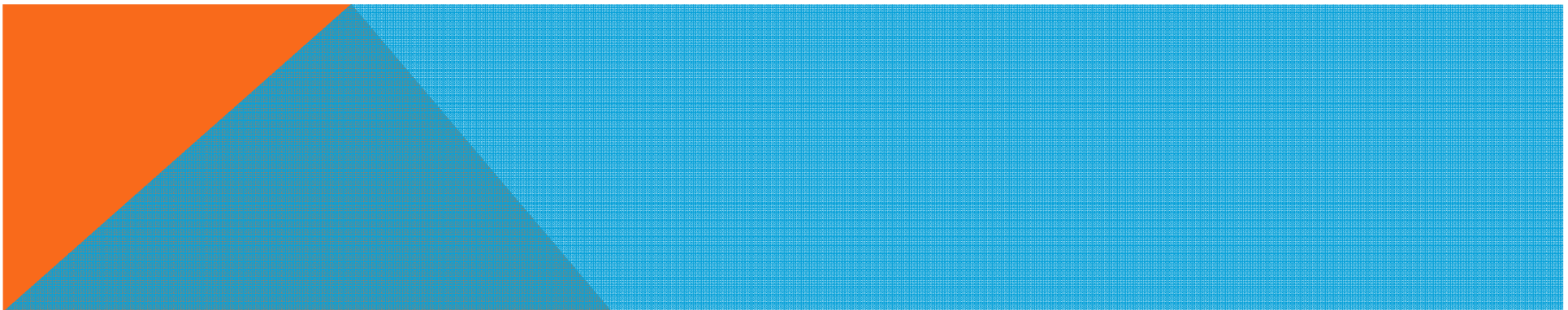


MY HOMEWORK...

CASCO Working Group 44 Composition

- 112 Members
- 15 Liaison representatives
- 9 Observers
- 24 members from Americas* ~21%
- 49 members from Europe ~44%
- 19 Members from Asia ~18%

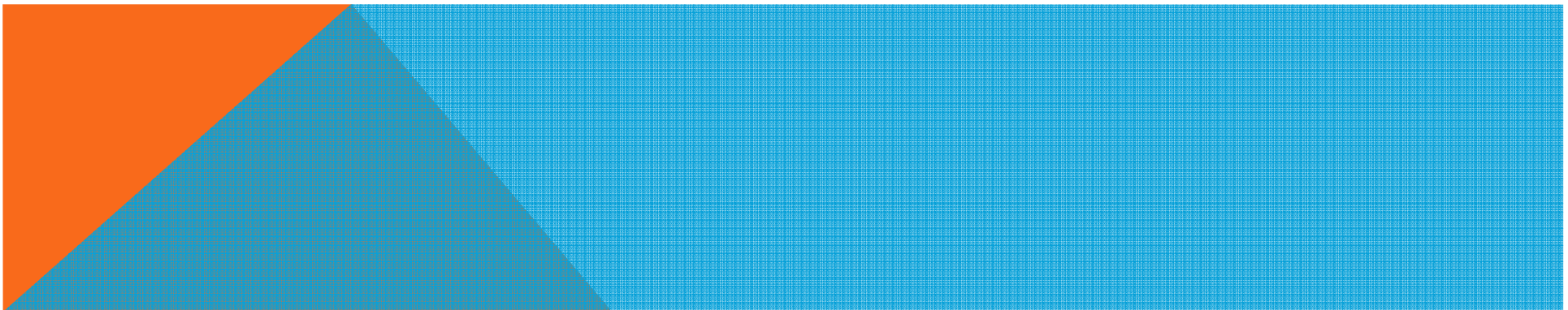


Organization	Country	Name
ABNT	Brazil	Borges, Renata M.
ABNT	Brazil	Soares, Mauricio
ANSI	United States	McInturff, Trace
ANSI	United States	Schaefer, Werner
BHN	Haiti	Princeton, Marie Judith Faranaz
BHN	Haiti	Ricardo, Guirand
BNSI	Barbados	Sealy, Renate Lynn
BSJ	Jamaica	Ramdon, Dwight C.
BSJ	Jamaica	Scott-Brown, Jacqueline
COPANIT	Panama	De La Guardia, Gabriela
COPANIT	Panama	Ortega, Aníbal
DGN	Mexico	Irueste Alejandro, Mercedes
DGN	Mexico	Mejía Luna, Martha Cristina
INACAL	Peru	Zuta, Imilce
INEN	Ecuador	Chicaiza, Erika
INN	Chile	Ceballos, Eduardo
INN	Chile	Sáez, Héctor
IRAM	Argentina	OGANDO, JOSE LUIS
IRAM	Argentina	Vazquez, Cristian
OHN	Honduras	Madrid, Liza
OHN	Honduras	Morales, Diana
SCC	Canada	Cotter, Colleen
SCC	Canada	Macdonald, Georgette
TTBS	Trinidad and Tobago	Lewis, Karlene

CD1 ISO/IEC 17025

- 1 Scope
- 2 Normative references
- 3 Terms and definitions
- 4 General requirements
 - 4.1 Impartiality
 - 4.2 Confidentiality
- 5 Structural requirements

Obligatory Language



CD1 ISO/IEC 17025

6 Resource requirements

6.1 General

Obligatory Language

6.2 Personnel

6.3 Accommodation and environmental conditions

6.4 Externally provided products and services

6.5 Equipment

6.6 Metrological traceability

CD1 ISO/IEC 17025

7 Process requirements

- 7.1 Review of requests, tenders and contracts
- 7.2 Sampling
- 7.3 Handling of test or calibration items
- 7.4 Evaluation of uncertainty of measurement
- 7.5 Reporting of results
- 7.6 Assuring the quality of results
- 7.7 Selection, verification and validation of methods
- 7.8 Management of nonconforming work
- 7.9 Technical records
- 7.10 Control of data – information management

7.11 Complaints

Obligatory Language

CD1 ISO/IEC 17025

8 Management requirements

8.1 Options

Obligatory Language

8.2 Management system documentation

8.2 Control of management system documents

8.3 Control of records

8.4 Improvement

8.5 Corrective action

8.6 Internal audits

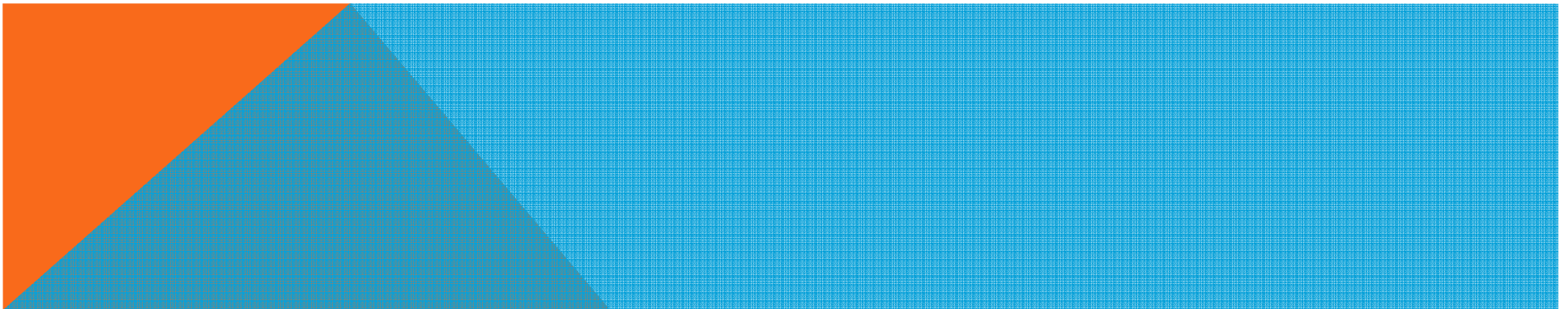
8.7 Management review

Annex A Metrological traceability

Annex B Management system

WHAT'S MISSING?

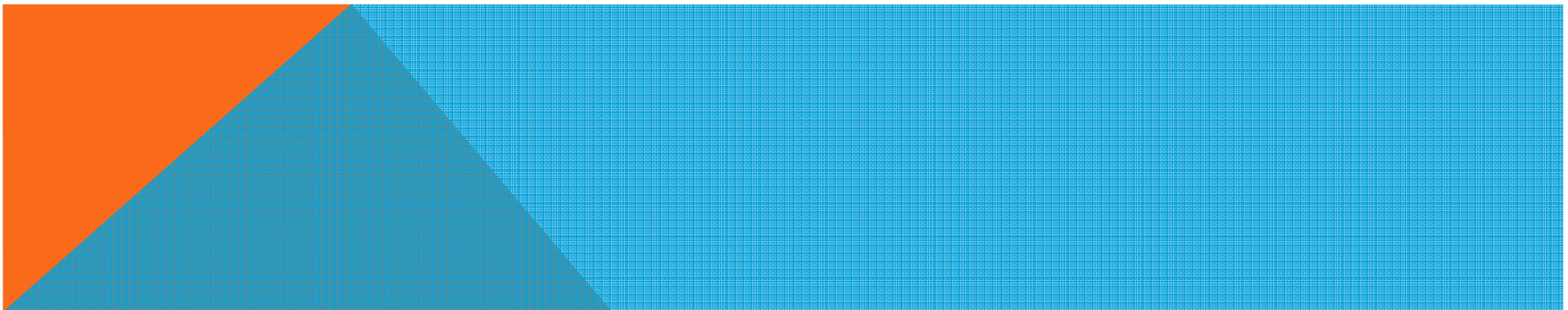
- Service to the customer
 - ✓ Included in 8.5, Improvement
- Preventive action
 - ✓ Included in 8.5, Improvement and 8.6, Corrective Action



6.6 METROLOGICAL TRACEABILITY [AGAIN...]

6.6.3 Intrinsic measurement standards

Traceability to the SI for intrinsic measurement standards shall be established through comparison directly or indirectly with other similar standards of a national metrology institute.



7.1 REVIEW OF REQUESTS, TENDERS AND CONTRACTS

More detail regarding statements of compliance

Added requirement:

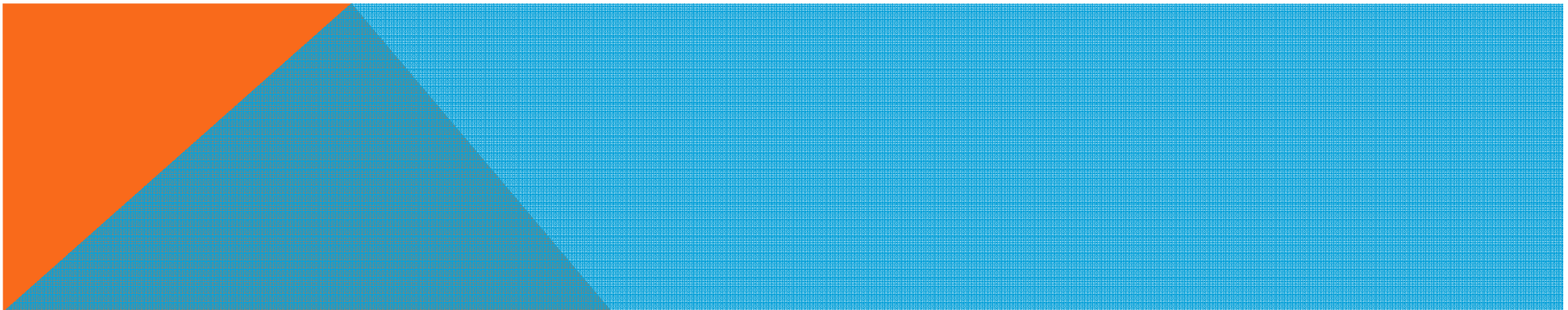
“...when the customer requests a verification of conformity to a specification or standard for the test or calibration (e.g. pass/fail, in-tolerance/out-of-tolerance):

- the specification is clearly defined in the procedure selected;
- the decision rule for conformity, its level of risk and statistical assumptions is documented in the test method/procedure or is documented by the laboratory and communicated to the customer;
- the decision rule is agreed to by the customer.”

7.4 EVALUATION OF UNCERTAINTY OF MEASUREMENT

Clearer requirement for calibration

“A laboratory performing calibrations shall have and shall apply procedures to evaluate the uncertainty of measurement for all calibrations.”



7.4 EVALUATION OF UNCERTAINTY OF MEASUREMENT

Requirements for testing laboratories still loose...

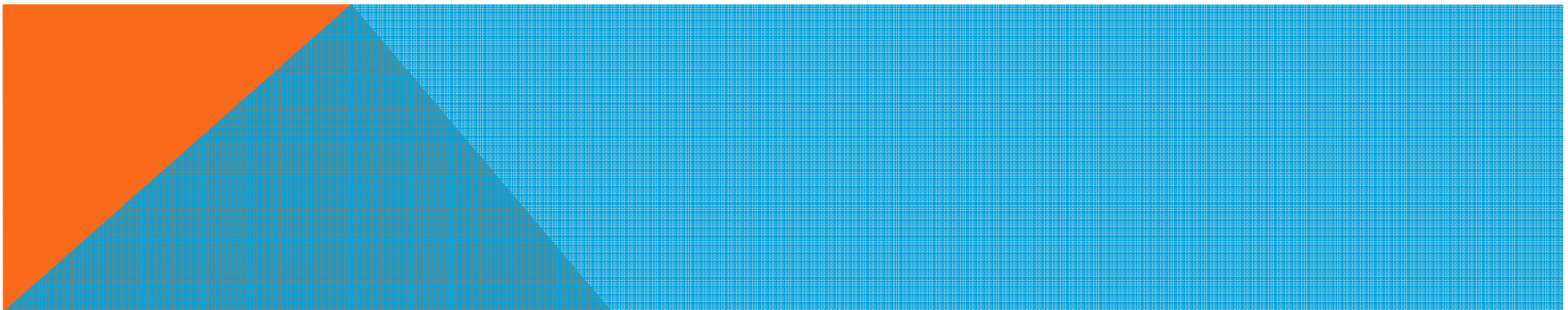
- Previous note related to use of well-recognized test methods now in body
- New note:
“For a particular test method used in testing laboratories where the relevant measurement uncertainty of test results obtained with the method is known, there is no need to estimate uncertainty of measurement for each test result, if the identified critical influencing factors are under control and remain unchanged.”

7.9 TECHNICAL RECORDS

7.10 CONTROL OF DATA – INFO. MANAGEMENT

Updated language

- Written primarily around electronic systems, without precluding paper-based systems
- Focused on traceability of results, records, and data to original observations, identifying any changes made along the way
- Did not adopt ISO 9001:2015 approach of “documented information”



8 MANAGEMENT REQUIREMENTS

Two options for management system structure

Option A: states minimum requirements

Option B: Meet ISO 9001
and rest of ISO/IEC 17025

Informative Annex added
to further explain

- Management system documentation
- Control of management system documents
- Control of records
- Improvement
- Corrective action
- Internal audits
- Management review

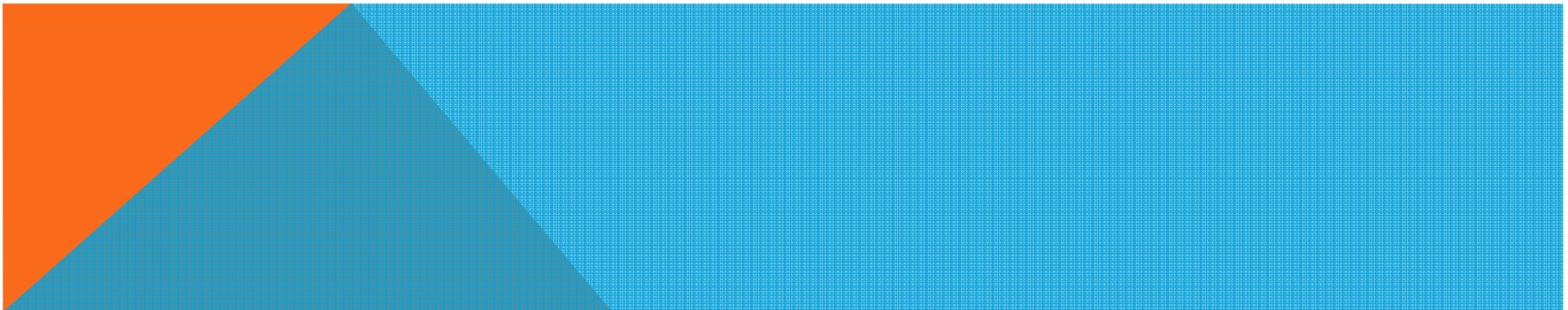
SAMPLING QUESTION

In addition to the ballot, CASCO circulated a question on the scope of the standard:

“Should the revised ISO/IEC 17025 be explicitly applicable to organizations that perform sampling without the subsequent testing or calibration?”

UNFINISHED BUSINESS...

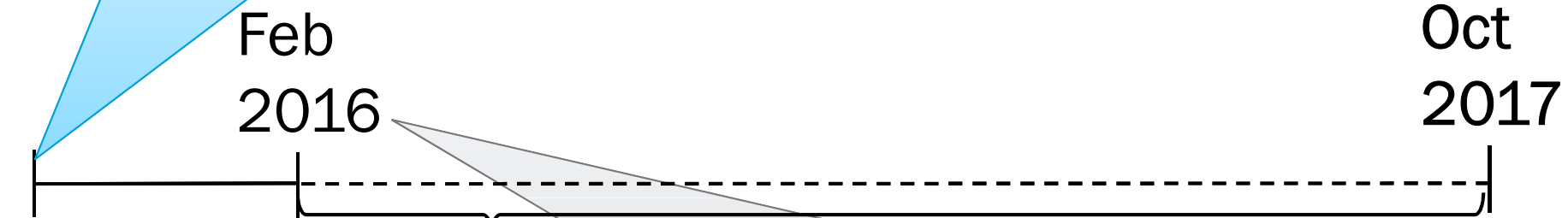
- Aspects of compliance statements in clauses on measurement uncertainty and reporting
- Opinions and interpretations
- Cross-reference to 2005 version
- Updated bibliography
- Results of comments...



NEXT STEPS...

End of 3-year period

Drafting group meeting to review ballot comments



Jan 2016

~20
CD 2
DIS E
FDIS
Earli
Likely release. 3rd quarter 2017

Fourth WG 44 meeting

- ▶ Review and finalize document generated by drafting group
- ▶ DIS if ballot passes and no major issues
- ▶ CD 2 otherwise

s)