



XXVII FIG CONGRESS

11-15 SEPTEMBER 2022
Warsaw, Poland

*Volunteering
for the future –
Geospatial excellence
for a better living*

Standards Network Meeting

Tuesday, 13 September 11:30 to 13:00

Sycamore/Magnolia/Cedar
Warsaw 2022



ORGANISED BY



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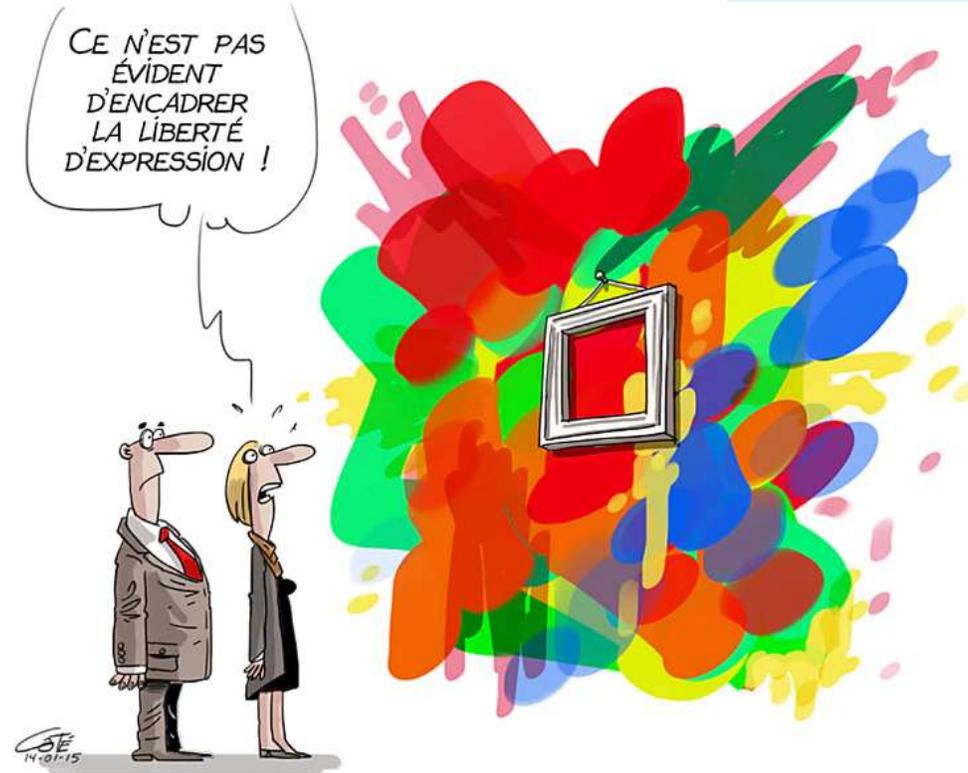


Agenda

- Overview of the Standard's Network
- Presentations and Progress Reports
 - ISO 172 SC 6 Survey Instrument Standards
 - The new Harmonized International Property Measurements Standard (IPMS) – M. Barbieri
 - ISO 19152 Land Administration Domain Model (LADM) – P. van Oosterom
 - TC211 Geographic Information and Geomatics – D. Roman
 - Blockchain, International Land Measurement Standard (ILMS), ... - J. Kavanagh
- Summary and Round Table
- AOB

Freedom of
expression is
necessary
even essential

BUT...



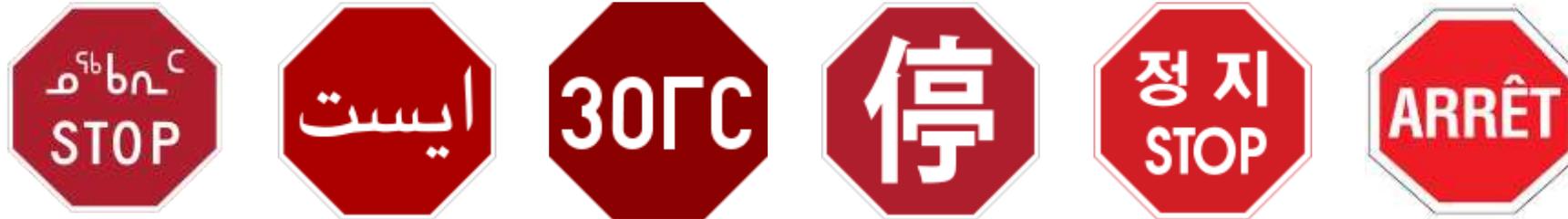
**CARTOONS FOR
FREEDOM OF EXPRESSION**
UNESCO AND CARTOONING FOR PEACE JOIN FORCES
FOR WORLD PRESS FREEDOM DAY 2017

If everyone does whatever they want...



... the result can be chaos!

Of course this is why we need standards



- In essence, a standard is an agreed way of doing something.
- Standards are the distilled wisdom of experts in their subject matter.
- Standards are knowledge that help drive innovation and increase productivity. They can make organizations more successful and people's lives easier, safer and healthier.
- Standards underpin virtually everything in the modern world.

Standards provide a consensus clear and unbiased way of doing things...

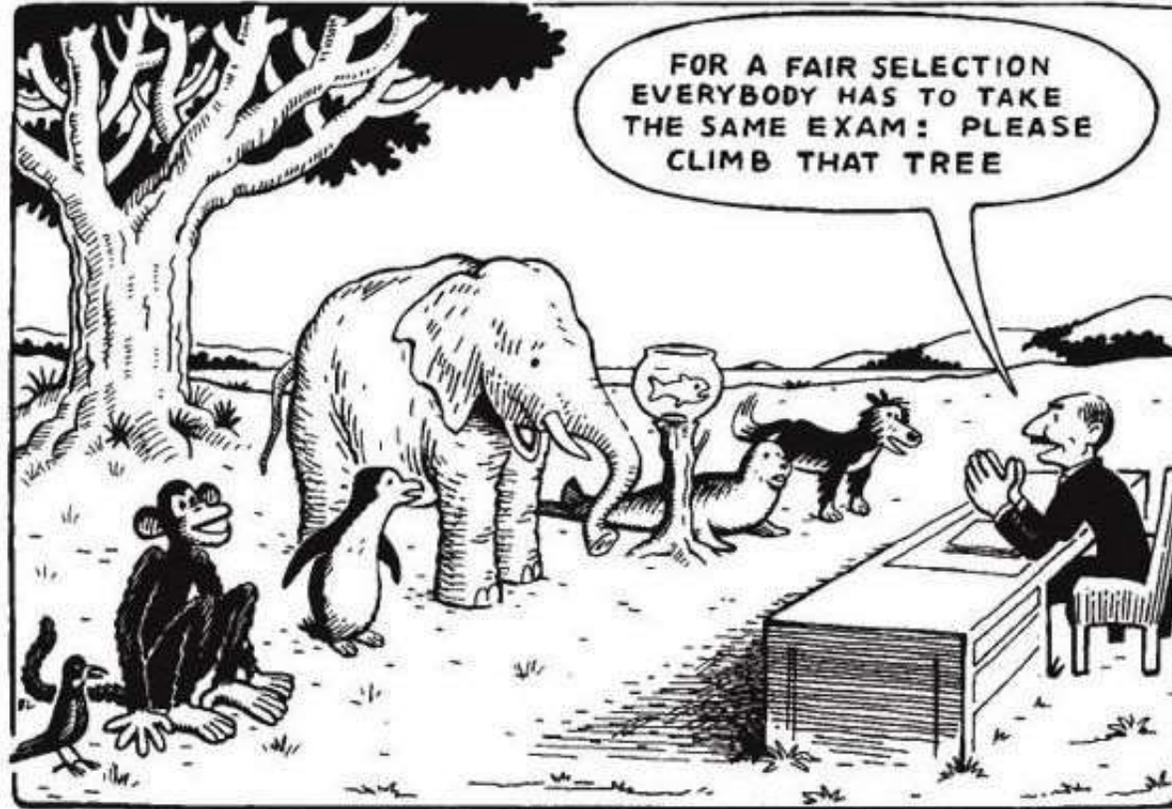


FIG Promotes standards through the Standards Network

PROMOTE STANDARDS

- Liaison with standards bodies and NGOs
- Ensuring lead contacts to Technical Committees
- Proposing priorities on FIG's standardisation activities
- Advising and providing information on standards to FIG members

PROMOTE

ISO 172 SC 6 Survey Instrument Standards

ISO 12858 Series Ancillary devices for geodetic instruments

- ISO 12858-1:2014 Part 1: Invar levelling staffs
- ISO 12858-2:1999/Amd 1:2013 Part 2: Tripods
- ISO 12858-3:2005 Part 3: Tribrachs

ISO 16331 Series Laboratory procedures for testing surveying and construction instruments

- ISO 16331-1:2017 Part 1: Performance of handheld laser distance meters
- ISO/AWI 16331-2 Part 2: Terrestrial laser scanner

ISO 17123 Field procedures for testing geodetic and surveying instruments

- ISO 17123-1:2014 Part 1: Theory
- ISO 17123-2:2001 Part 2: Levels
- ISO 17123-3:2001 Part 3: Theodolites
- ISO 17123-4:2012 Part 4: Electro-optical distance meters (EDM measurements to reflectors)
- ISO 17123-5:2018 Part 5: Total stations
- ISO 17123-6:2012 Part 6: Rotating lasers
- ISO 17123-7:2005 Part 7: Optical plumbing instruments
- ISO 17123-8:2015 Part 8: GNSS field measurement systems in real-time kinematic (RTK)
- ISO 17123-9:2018 Part 9: Terrestrial laser scanners

ISO 9849 Series Geodetic and surveying instruments

- ISO 9849:2017 Vocabulary



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