

CROSQ: Metrology Development Report SIM General Assembly 2025

Ottawa, Canada
October 9th Thursday.

Mr. Nicol Best
Technical Officer – Metrology
CROSQ



Metrology Development Report

Agenda

1. CROSQ's Metrology Project Activities
2. CROSQ CARIMET Committee – Key Achievements and Updates
3. Technical Assistance and Support
4. Metrology Awareness and Promotion
5. Areas of Possible Cooperation

CROSQ's Metrology Project Activities



Completed/Updates:

- Development of three new CaRLs (Humidity, Pressure and Electrical Power). – Trinidad and Tobago, Dominican Republic
- Development of two calibration laboratories (Pressure at INDOCAL, Mass at BBS). – Dominican Republic and Belize.
- Metrology course as a part of a wider set of QI courses.
- Training of the BBS staff in Temperature Metrology. - Belize

CROSQ's Metrology Project Activities



Current/On-going:

- Review and revision of the Metrology legislation of three (3) member states – Grenada, Jamaica, St. Vincent & the Grenadines.
- Review and revision of the Metrology legislation of five (5) member states – Antigua & Barbuda, Belize, Guyana, Haiti, Suriname.
- Caribbean Metrology School as part of a wider Metrology Academy concept.
- Metrology for Digital Transformation
- Support to the Caribbean Reference Laboratories (CaRLs)
- Intermediate metrology course to be developed.

CROSQ CARIMET Committee

Key Activities, Accomplishments & Updates:

- Strategic Plan 2021-2025 and Annual Operational Plan. New plan being developed for 2026-2028.
- Development of the three new CaRLs (Humidity, Pressure and Electrical Power).
- Metrology working group activities – Quality, Legal Metrology.
- CARIMET Committee quarterly meetings.



Technical Assistance & Support

- Strategic Planning training for SVGBS – St. Vincent & the Grenadines.
- Review of Metrology Acts/Regulations – Barbados, Guyana, Montserrat.
- Metrology training resources – Dominica
- Mass ILC support – Jamaica, Guyana, St. Lucia, Trinidad & Tobago,
- Review of Metrology Strategy and deliverables from the industrial lab development project at BBSQ – Bahamas.
- Participation at Flow Metrology Training at BNSI – Barbados.
- Development of Metrology project proposals.



Metrology Awareness & Promotion

- World Metrology Day 2025 – CROSQ CEO, Dr Sharonmae Smith Walker's participation at the BIPM 150th Anniversary Symposium Panel Discussion: "Navigating the future of Metrology: Addressing Scientific & Technical Multilateralism Challenges".
- World Metrology Day 2025
 - Radio Programmes (Dominica, Bahamas)
 - Equipment presentation/hand over, visit to various sites e.g. hospital and industry (BNSI - Barbados) & CROSQ.
 - School Visits and Youth Engagement (Trinidad and Tobago, Jamaica).
- TOM Virtual presentation on Metrology Development in CARICOM, XII International Metrology Symposium, Cuba 2024.



Areas of Possible Cooperation



Cooperation, Collaboration and/or Support

- ILCs for our CaRLs and CARIMET NMIs.
- Experts for our 1st Metrology School (Mass, Volume, Temperature, Humidity, Pressure, Electrical Power) and also soft skills.
- Metrology Legislation, Policy and Strategy Development.
- Metrology for Digital Transformation.
- Development of an MOU between CROSQ & SIM.

THANK YOU

Mr. Nicol Best, MSc, MBA, ASQ CCT
Technical Officer – Metrology

CARICOM Regional Organisation for
Standards and Quality (CROSQ)

Work: 1-246-622-7687

Email: nicol.best@crosq.org | website:
crosq.org

2nd Floor Baobab Towers, Warrens, St.
Michael

