WORLD METEOROLOGICAL ORGANIZATION
WMO TECHNICAL CONFERENCE ON METEOROLOGICAL AND ENVIRONMENTAL INSTRUMENTS AND METHODS OF OBSERVATION
Towards fit-for-purpose environmental measurements
Amsterdam, The Netherlands, 8 - 11 October 2018

SUBMITTED ABSTRACT

0.	**Paper Number**	4
	Session Name	1. Characterization and standardization of environmental measurements - traceability assurance
1.	**Title of the paper**	Interlaboratory comparisons organized by RIC-Casablanca in WMO RA-I

2.	**Institution**	Direction de la Meteorologie Nationale			
	Authors	Dr/Mr/Ms	Family name	First name	Country
a	Lead author	Mr	AZIZ	Mounir	Morocco
b	Co-author	Mr	CHERIFI	Ahmed	Morocco
c	Co-author				
d	Co-author				

4.	**Abstract of the paper**
	According to Terms of Reference GOS/IMOP/RICs, and in accordance with the requirements of the IEC/ISO17025 Standard and particularly Section 5.9: Assuring the Quality of Test and Calibration Results, the Regional Instrumentation Centre-Casablanca in the Region-I-Africa organize a program of inter-comparison in Pressure , temperature and humidity. The challenge is to demonstrate and understand the performance and capacity of participants in the field of metrology. This improves the level of trust between the laboratories, their customers and their auditors, and therefore the confidence in the measured data and the reliability of their operation.- The targeted approach is to make a loops between the five RICs: The ILC consists of a rotation program of the instruments of the pilot of the comparison, who travels from one member to another under the responsibility of each shipper member (packaging, shipping costs and accused of receipt after shipment). The instrument being compared is initially calibrated at the pilot laboratory 45 days before the start of the comparison campaign, in order to study its stability over time and then the week just before departure; it will then be sent to Laboratory 1, which acknowledges its receipt and confirms its correct operation and then calibrates it, within 15 days, then sends the instrument to the laboratory of member 2 who proceeds to the laboratory of the member 4 which returns the instrument to the pilot laboratory. The latter then re-calibrate the instrument within 15 days of returning. The availability of participating laboratories is taken into account by a preliminary questionnaire elaborated in electronic-Web format in order to facilitate the exchange between the participants and confirmed by an official sending signed by the PR, and which is proposed for sending through the president of RA-I.