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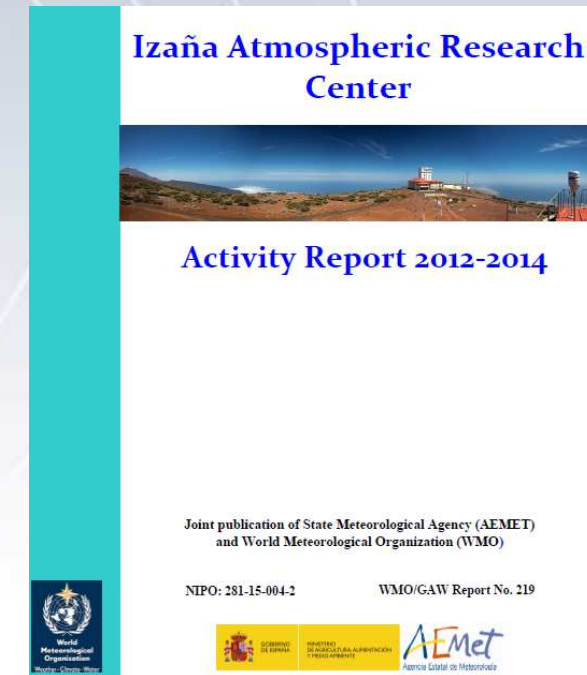


Speed Talk: Poster B2

GGMT-2015 Izaña Station Update



More information about the Izaña
Global GAW station in the
monographic GAW Report N. 219



GGMT-2015: 18th WMO/IAEA Meeting on CO₂, Other GHGs, and Related Measurement Techniques. 13-17 September 2015. La Jolla (CA)

In **Poster B2**, we **summarize** the more relevant facts and novelties concerning the IZO GHG in situ measurement programme that have happened since GGMT-2013:

- 1) Instrumental and processing software developments
- 2) **Aircraft campaign** carried out in Summer 2013 (MUSICA-AMISOC).

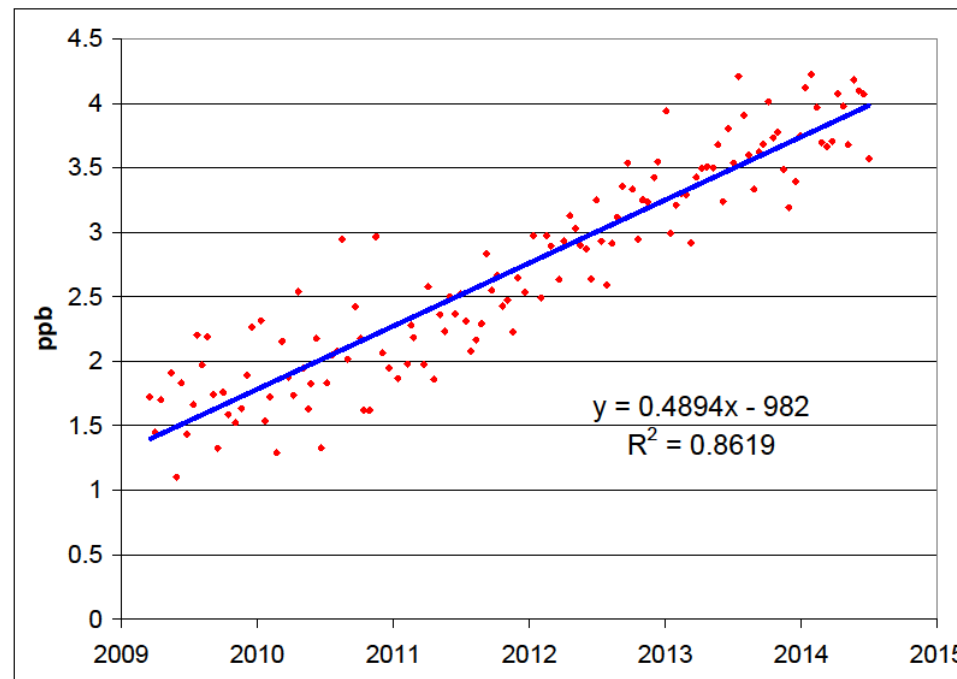
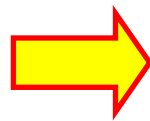


3a) **Scale Updates** (for CO₂, N₂O and SF₆)

3b) **Recalibration of the IZO laboratory standards at GAW CCL**

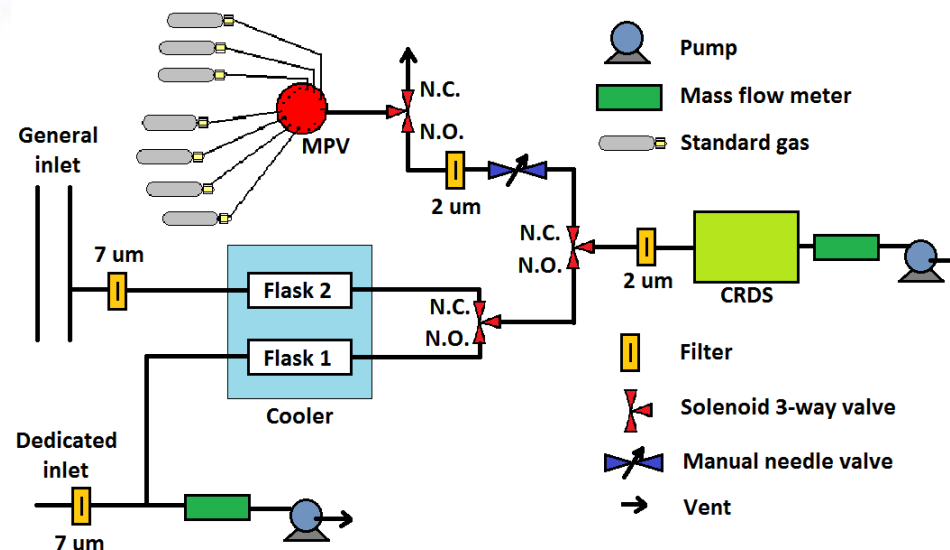
3c) **Only one CO laboratory standard has drifted:** accounting for this

and drift determination



4) Plumbing design for CRDS we have developed:

- It takes advantage of the fact that **there are technical personnel at the station every day.**
- **Partial dry by cryocooling**
- **Standard's cylinder valves normally closed (better for standard stability)**
- **Same CRDS inlet pressure for standards and ambient air (without using a vent)**



**Thanks for your attention!
I am waiting for you at Poster B2.**