ILMATIETEEN LAITOS
METEOROLOGISKA INSTITUTET
FINNISH METEOROLOGICAL INSTITUTE

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Change request for the definitions of Weather radar key attributes in the Implementation Act of High Value Datasets

Dear Sirs,

I cordially request a correction in the documentation of the Commission Implementation Regulation on High-value Datasets. I'm writing in my capacity as the Director General of the Meteorological Institute responsible for coordinating the European - wide weather radar programme OPERA (The Operational Program on the Exchange of weather RAdar information, www.eumetnet.eu/opera) and these corrections have been suggested by the OPERA Expert Team.

This change request concerns the table which defines the key attributes for the weather radar data in the Annex named as 221028_Annex_forODC_clean.pdf (page 10, section 3. Meteorology, 3.1 Datasets in scope). The reason for the correction is that some of the currently listed key attributes are inaccurate, following *de facto* standard, and the terminology is not following the one used in the field. Additionally, the list contains both measured radar variables as well as products, which are not necessarily created nor exchanged within National Meteorological Services (NMSs). Currently also, not all the radars in the Member States have dual-polarization capability, and therefore, the requirements cannot be fulfilled without major investments in the network upgrade. The suggestion is to limit the key attributes for the basic radardatasets, whileadditional products or variables can be disseminated if they are operationally measured and exchanged within the NMSs .

We have two suggestions for amendments to the text, depending on the level of details required for the annex.

Suggestion 1:

Reflectivity, Backscatter, polarization. Precipitation, wind, and echotops = > **The basic observed radar variables and the derived radar products.**

or

Suggestion 2:

Reflectivity, Backscatter, polarization. Precipitation, wind, and echotops = > **The basic measured radar variables, i.e. reflectivity factor and radial velocity, and the basic radar product i.e. instantaneous rain rate. Additionally, e.g. dual-polarization variables (if measured operationally).**

More detailed information about the currently listed terms and reasoning why these should be changed is in the Annex

Yours sincerely

Jussi Kaurola

Director General