

## Report on the Visio-Conference Meeting on ET-DRC sub-group on DAYCLI message.

Date : Thursday **18 of February** from 13h to 14h30 Toulouse Time (UTC+1)

Present : **Urip, Rachid, Lydia, Markus Z., Ali, Jose, Denis**

All information on DAYCLI message here: <https://github.com/wmo-im/BUFR4/issues/51>

### Agenda :

- Presentation of the history and context
- Discussion

It was the first time that the Et-DRC sub-group met for the DAYCLI project. Denis presented the context and the history of the DAYCLI message and the latest work with the Task Team on TDCF (TT-TDCF) chaired by Jitsuko Hasegawa.

Main topics of discussion:

#### 1. Most Metadata included inside the DAYCLI message versus utilization of OSCAR

**Rachid** : *Do we really need to include other metadata into the DAYCLI message as we can ask OSCAR for that ?*

This question was raised during discussion with TT-TDCF, and all TT-TDCF agreed that for operational use of this message most metadata should be present inside DAYCLI. Also the fact that OSCAR is not to be requested in real time too often has been highlighted.

This question raised also the issue on reference data. Is OSCAR the reference or is the National Met Service the reference.

**Markus D.** : *It would be better to have all metadata inside the message for example when a station is relocated we could keep this information.*

#### 2. Time slot (beginning and ending time of measurement for extremes and accumulation)

**Rachid**: *For extremes the time of occurrence would be better than the Time slot.*

We did not come up with a solution on this issue.

**Jose**: *to know the time interval of daily extremes or accumulations is very relevant to explain inconsistencies when applying quality and homogeneity analysis by comparing different stations in an area.*

*In Spain, we use a 0-24 time slot for principal and automatic stations, but calculate also the 07-07 to be able to compare the data with secondary stations that only report extreme temperatures and precipitations.*

*But time of occurrence cannot be established for secondary stations that only have a Six-Bellany thermometer.*

#### 3. Having clear definitions

**Lydia** : *we need to have precise definitions on our information to allow Met Service be capable to construct correctly the DAYCLI message*

### TO DO

- **Ali** : better explain your sentence "I think the way we discussed the required time slots and defining climatological day was not in a proper way. I think we should follow the way Christina followed"
- **Lydia & Markus Z.** : try to find the practices for Germany and also the opinion of the concerned departments.
- **Lydia** : What could be added for clarification ...
- **Jose** : practices for Spain and also the opinion of the concerned departments
- **Maria** : practices for Argentina and also the opinion of the concerned departments

I received remarks from Jitsuko Hasegawa who chairs the ET on Data Standard (INFCOM) and I will update the presentation I made. We continue to work by mail on that subject and I will try to invite you for the next meeting with TT-TDCF