

# DAsKIT WD Prague 18-20 September 2019

*Overview on the AMDAR action in  
Morocco*

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➤ AMDAR with Météo-France template : **311192**

➔ ALADIN 3D-Var

➤ WMO AMDAR template : **311010**

```
WARNING - template inconnu :   1008   1023   301021
301011   301013   311006   33025   8004   13002
104000   31001   11075   11076   11037   11077
101 not recognised BUFR file as hirs .
Selected Obs =      0 -->      0 datas.
Total selected Obs =      0 -->      0 datas.
INBOBS =      0 INBWAG =      0
```

1. Build the Bator binary (Aléna sources including Maria new subroutine amdarWMO)

beaufix: /home/gmap/mrpa/sahlaoui/pack/cy40t1amdar/src/local/odb/pandor/module

- ✓ bator\_decodbufr\_mod.F90
- ✓ bator\_init\_mod.F90
- ✓ bator\_module.F90
- ✓ bator\_util\_mod.F90

## 2. Update param.cfg file

```
BEGIN amdar
1 0 0 15
codage 1 311010
values 1 001008 Aircraft registration number or other identification
values 9 004001 Year
values 11 004002 Month
values 13 004003 Day
values 15 004004 Hour
values 17 004005 Minute
values 19 004006 Second
values 21 005001 Latitude (high accuracy)
values 23 006001 Longitude (high accuracy)
values 25 007010 Flight level
values 29 008009 Detailed phase of flight
values 31 011001 Wind direction
values 33 011002 Wind speed
values 47 012101 Temperature/air temperature
values 51 013002 Mixing ratio
END amdar
```

3. Run the bator script:

```
/home/gmap/mrpa/sahlaoui/DAKIT/AMDAR_ISSUE/bator_merge  
_bufr_amdarEGRR
```