

AMDAR Issue

AMDAR template not recognised by the program BATOR

The GTS system merges some EGRR AMDAR messages 31 10 10 template with those having templates not recognised by the BATOR program (BATOR throws warnings or sometimes crashes).

BUFR template (not recognised)	GTS Header	Emission Center (CCCC)
30 10 06 , 31 10 07	IUAG, IUAX	VHHH
31 10 01	IUAA , IUAS	CWAO , NZKL
31 10 01	IUAX	NZKL
31 10 08	IUPC	RJTD

Solution :

The ECMWF utility bufr_filter is used in order to split BUFR messages and select only the AMDAR EGRR with the template 31 10 10 and the messages contained within the Algerian ALADIN domain.

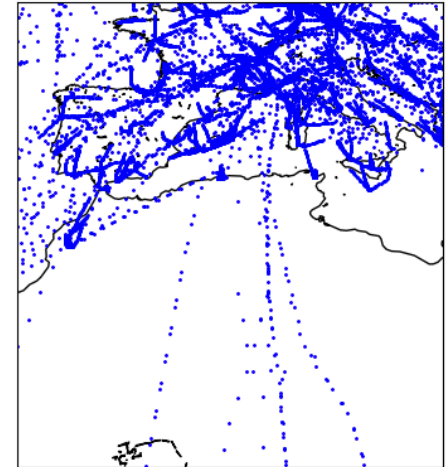
Command :

```
bufr_filter rule_file IUA*_EGRR_mmddmn_ddmn_xxxxxxx
```

Rule file instructions :

```
set unpack=1;
switch (unexpandedDescriptors) {
  case 311010:
    if ( latitude < 46.6 && latitude > 17.0 && longitude < 17.2 && longitude > -11.0) {
      write "amdar_[typicalDate][typicalTime].bufr" ;
    }
  case 311192:
    if ( latitude < 46.6 && latitude > 17.0 && longitude < 17.2 && longitude > -11.0) {
      write "amdar_[typicalDate][typicalTime].bufr" ;
    }
  default
    write "amdar_unknow" ;
}
```

Observation du :
08-09-2019 a 11:11:00



Finally

Merge the splitted amdar files in one amdar received during a given time slot

Example

```
cat amdar_2019091801* > amdar_201909180100.bufr
```