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#####
## Ronsard NetCDF Data Version 2.02      ##
#####
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Date: January 2007
Modified May 2007 from v2.0 to v2.02
  -bug fixed about messed-up sweep number
  -bug fixed about polarimetric variables being wrongly set to missing
  -bug fixed about storing PIA-CIA and P(t) in the first two bin of each
ray from 20060818.
  -changed threshold for noise i(from 5 dBZ to -20 dBZ) because too many
points where eliminated
Modified November 2007 from v2.02 to v2.01 (!! WATCH OUT THE WEIRD
NUMBERING F VERSIONS !!)
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The Ronsard data are stored in standard netCDF format.
Two types of files are given either Monopolar or Bipolar.
Be aware that they contain a different set (and number) of variables.
Similarly, the radar mode can be either 200km or 100km with radar bins of
200m and 100 m respectively.
All the radar modes are documented inside the global attributes of the
file.

The present version (2.0x) represent a preliminary version of the data that
will

be made available in the future.

The following processing were performed:

- selection of "clean" sequences
- removing of ground clutter and other spurious data
- filtering of all antenna motion that do not belong to regular sweeps
- labelling of each ray with a sweep number. All the rays having the same
sweep number
belong to the same sweep (i.e. same elevation).
(a sweep is defined here as a 360° antenna rotation for a fixed
elevation)
- preliminary calibration using both TRMM-PR and OSP data showed that a -
6dBz offset
was needed. THE OFFSET IS ALREADY TAKEN INTO ACCOUNT IN THE PROVIDED
DATA.

Note 1: ****CORRECTED: Note 1 is not relevant anymore (20070507 NV)***

Note 2: if you find any bug in the data and/or suspect a problem PLEASE
contact N. Viltard at the email
address above so that we can correct it.

Note 3: a quicklook is associated with each file.

It contains an image of the reflectivity (Zh) at the (supposedely)
lowest sweep

for you to check if your reading of the file is correct and to verify
if there

are interesting data in the file.

The quicklook has its name built from the data file name as:

YYYYMMDD_HHhMMmSSs_Zh_EE.EEdeg_v2.0.nc

where EE.EEdeg is the average elevation of the sweep in deg.