

Non-Ambient Subcommittee Meeting Minutes
Wednesday, March 16, 2011
4:00 – 5:00 p.m.

The meeting was chaired by Mark A. Rodriguez.

M. Suchomel was nominated to take meeting minutes.

Minutes from last year's meeting were approved.

M. Rodriguez reviewed a motion from last year about extending temp/pressure fields to include several additional fields. In response, the board replied that they did not feel there was sufficient data under these categories to warrant special flags at the present time. In addition, they are being stored in the comments section and can be easily classified under special codes when more data is available.

M. Rodriguez and others suggested it can be still difficult to find and search for this data in the comments section.

It was suggested that updating all old entries to include all of the new non-ambient (except for the existing temp and pressure fields) flags would be a very large task.

V. Peterson suggested that many new patterns would be non-ambient versions of existing database entries, and thus it would be useful to have these new fields.

There was discussion about property data sheets in the database, and how non-ambient properties listed here may not necessarily be correlated to the experimental data collection conditions for the associated pattern.

There was discussion that it would be useful to perform preliminary searches of the database for a subsection of material types to establish the feasibility of adding new non-ambient flags.

W. Wong-Ng suggested this might be a simple task for an ICDD staff member, if they were given some instruction and a shorter list of possible new non-ambient candidate flags to consider.

To this end, a motion was drafted and proposed by M. Rodriguez.

Motion 1: The Non-Ambient Subcommittee recommends to the Technical Committee that an exploratory task group be formed to evaluate the usefulness of implementing non-ambient flags in the database. This would include other conditions besides temperature and pressure. This would aid in the determination of what flags are needed. For example: how many patterns have been collected under applied electric field, or how many have been collected using relative humidity? The subcommittee appoints Cam Hubbard and Mark Rodriguez as liaisons for this motion to the board.

The motion was voted on and passed with 5 votes for, 0 votes against and 1 abstention. (Dave Taylor) .

Once this discussion was completed, with no new business, the meeting was adjourned.