

Review of ICARTT file format.

- 1) I have been involved in flight research on board multiple NASA aircraft platforms since the late 1980's. I have been responsible for recording and archiving data sets since the GTE program initiated the need for common archiving sites and have used the ICARTT format since inception. My roles would most likely fall under data provider, scientific analyst, and user categories.
- 2) The ICARTT specification detail has always been sufficient for my purposes of submitting and using the data files.
- 3) Specification Accuracy - No issues
- 4) Clarity - It takes a reason amount of effort to understand file format specifications but only during the initial effort.
- 5) Usefulness - I find the Web based ICARTT data submission process and applications extremely useful in finding errors in data sets and for first glance science purposes.
- 6) Implementation – I have successfully implemented the ICARTT without any major issues.
- 7) I currently use the ICARTT format in many settings and currently distribute data via the ICARTT format.
- 8) I currently use the ICARTT format because I become familiar with the format and web based applications and become comfortable with data submission and applying included applications.
- 9) ICARTT meets all my requirements for storing and accessing data.
- 10) No
- 11) None that I'm aware.
- 12) Benefits include error checking, quick plots for displaying obvious issues with data, simple data analysis, and data access.
- 13) I have submitted data sets for multiple flight campaigns on the DC-8 and P-3B aircraft. (~ 1000 flight hours, 1 hz data, ~30 parameters, ~150 files@ 12 MB ea).
- 14) N/A