

## **Review of ICARTT file format implementation and operational suitability**

### *Implementation Experience questions:*

1. (*Your background*) Currently, I am just a data user, but in the past I have utilized the ICARTT format to provide airborne data from the PANAK instrument for the INTEX-A and INTEX-B field missions. I found that using the ICARTT format specification was simple and straightforward. I have never directly implemented the specification in a software package, but rather I use the metadata section for informational purposes.
2. (*Completeness*) n/a
3. (*Accuracy*) I have never encountered any inaccuracies or inconsistencies.
4. (*Clarity*) I have never had trouble dissecting the language of the specification.
5. (*Usefulness*) As a data provider, I had no troubles using this specification since our data types were common for airborne data and had no complex manipulations to describe.
6. (*Implementation*) n/a

### *Operational Suitability questions:*

7. Do you currently use or plan to use the ICARTT format in a production setting? **No.** Do you plan to distribute data in this format to science collaborators and other researchers? **No.**
8. Why do you choose to use the ICARTT format over other data formats for your applications? **The ICARTT format was required when I was a data provider for previous airborne field missions.**
9. Does the ICARTT file format meet your requirements for storing and accessing data? **Yes.**
10. Have you or your users encountered any difficulty when using some of the data in the ICARTT format? If you have, please provide a brief description of your experience. **No.**
11. What operational challenges or limitations does ICARTT present? Please provide details. **None that I have encountered.**
12. What benefits does the ICARTT file format present? Are there any drawbacks to using this file format? (*e.g., Does it offer the flexibility you want to package the data types in your applications? Does it facilitate interdisciplinary studies?*) **For my purposes, it offers a good amount of descriptive metadata without getting**

**too bulky. I have not encountered any drawbacks to the format.**

13. How much data do/will you provide or archive in the ICARTT format? (*Number of distinct data sets, total data volume, number of files.*) **I have no current plans to provide or archive data in the ICARTT format.**
14. How many users do you have or expect to have for data in the ICARTT format, and what is your expected user community? **n/a**