Data Distribution June 3rd Working Group Meeting report

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Kevin Krieger[1], Kevin Sterne[2], Paul Breen[3]

SuperDARN Workshop

Japan

1 – University of Saskatchewan
2 – Virginia Tech
3 – British Antarctic Survey

Missing Southern Hemisphere DAT files from 1999

- Gareth (hal) Judy (san) and Sessai (sye) will look for dat files that are missing from both mirrors and all hard drives/cds located at USASK.

Nonsequential DAT files

- Is our way of handling the fixing of old files appropriate?
  - Original files kept
  - Updating origin.time and origin.command: way to indicate updated file
- Simon found many dat files with non-sequential timestamps, or jumps in the time. Some only several seconds, some with larger jumps.
  - Recovering files with a few seconds jump seems OK, larger jumps difficult to determine fix for
  - Blacklist the files with larger jumps?
  - Better metrics for finding out which files should be blacklisted required

Mismatch between mirrors

- Kevin K. Identified files missing or different and sent lists to Paul Breen.
- ~47,000 files missing on BAS that are located on Globus
- Kevin K. will ask Paul where he should place the files so BAS can retrieve them easily

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Other notes from June 3rd DDWG meeting

- External data distribution policy needs to be formalized
  - Globus and BAS mirrors both have non-SuperDARN users signed up and downloading data
  - Issues with doing DOIs on these mirrors, will be needed for AGU
- Globus data access: Jianjun reports they are able to access it with sufficient speed. Some reports that the web interface was timing out, but that should be fixed due to a patch in early 2019.
- Data access policy – should be worked on by data task force.
- Data contacts – Kevin K. will look at his list of data contacts to verify
- Dedicated data manager for SD? Ideal world, but complicated, cross institution access and funding, not likely to happen.
- VT System needs to expand ASAP, noting file size increasing along with potential significant increase in number of radars
- Some talks on OSWG, maybe it disbands and becomes Data Standards WG?