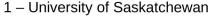
Data Distribution June 3rd Working Group Meeting report

June 7th 2019
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SuperDARN Workshop
Japan





^{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





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?

