

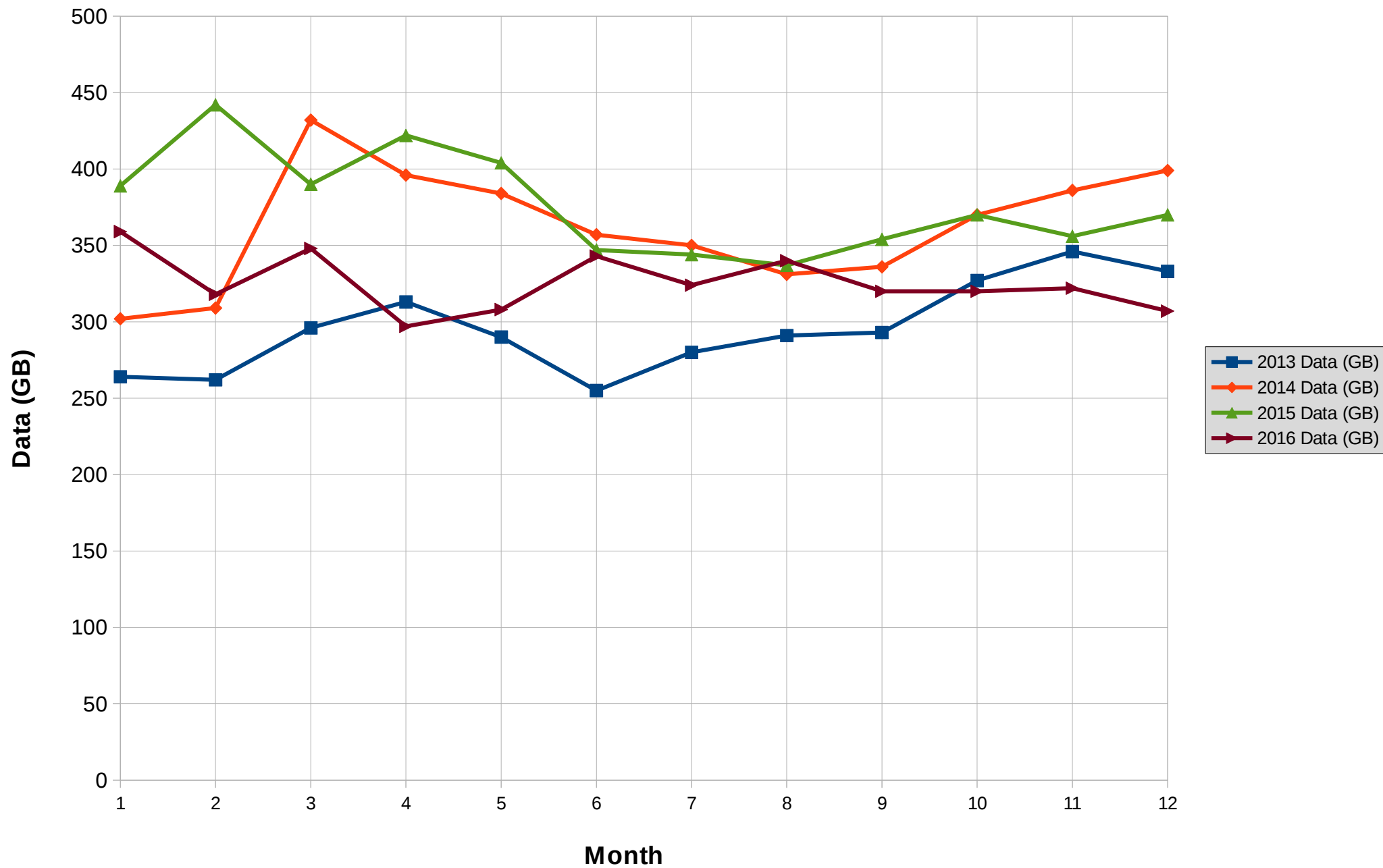
SuperDARN Data Distribution Working Group Report

SuperDARN Workshop
San Quirico D'Orcia, Italy
June 5th 2017

DDWG: Summary

- Hard drives written and distributed on a request basis
 - Only PRIC requested hard drives for 2016
 - 1 drive for January – April 2016 data shipped
 - 1 drive for May – August 2016 data shipped
 - 1 drive for September – December 2016 data to be written after workshop
- Other groups mainly use BAS/usask mirrors for raw data

Month rawacf.bz2 data on UofS Mirror - 2013/2014/2015/2016



BAS Data Mirror

- Operational, access via username, ssh key as temporary usask mirror
- Has API
- Complete data available
- Currently syncing from PI institutes
 - BPK, DCE, HAL, HAN, KER, LYR, PYK, SAN, STO, ZHO, TIG, UNW, KSR, HOK, HKW
- Work in progress to sync from
 - SYE, SYS
- Currently syncing from UofS
 - ADE, ADW, CLY, CVE, CVW, FHE, FHW, INV, KOD, PGR, RKN, SAS
- Contact Paul Breen for access

UofS Data Mirror

- Temporary mirror set up
- New globus mirror now set up, contact Kevin Krieger for access and instructions on automation
- Data from 1993 – present available
- Downtimes:
 - Temporary mirror: scheduled March 28th 14:00 – 19:00 UTC for software upgrades and cleaning
 - Globus: scheduled April 26th 15:00 – 19:50 UTC for moving hardware to permanent location

Issues & Discussions

- Several issues/discussions worked through over the email list
 - Temporary mirror at usask up and running, occasional HD full
 - Hdw.dat changes for receiver rise time
 - Hdw.dat file for lyr added to github repo
 - Hokkaido data issue: Jul-Aug 2013 (frang set to 0) – moved to analysis software working group
 - High velocity tig data between 20160131.20 and 20160201.18 – files removed and blacklisted
 - Lyr files prior to public release (October 19th 2016) blacklisted

Future

Moving users over to globus (faster, more data, more support)

Continuing support for temporary mirror while this is happening

See

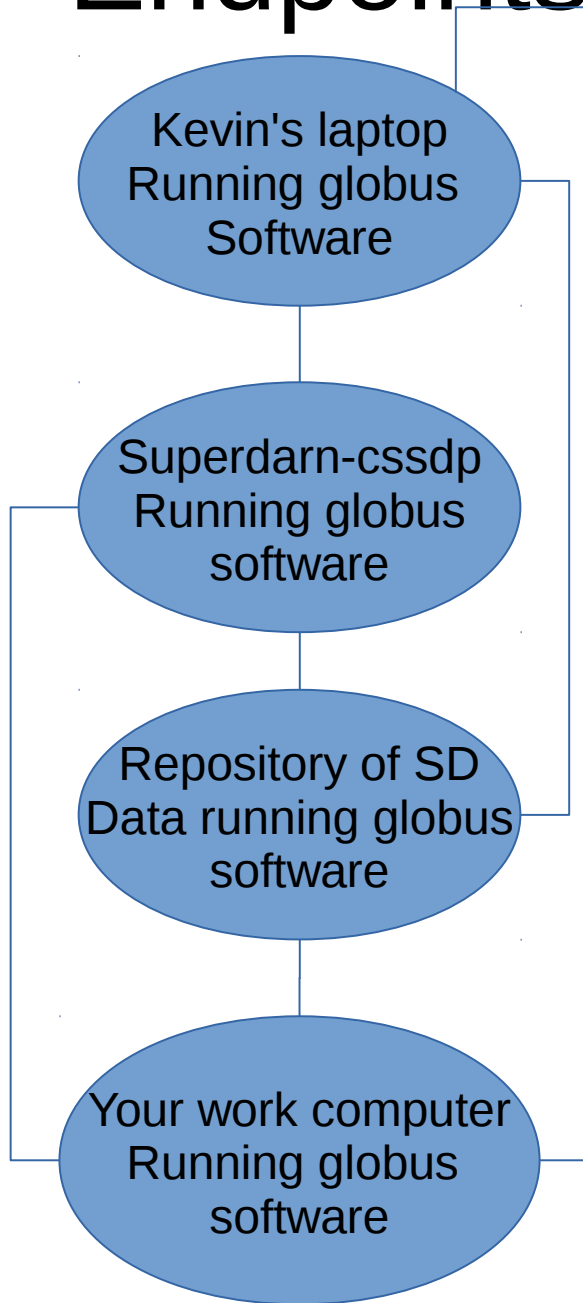
<http://vt.superdarn.org/tiki-index.php?page=Data+Dist+Working+Group>

For updates on the ddwg.

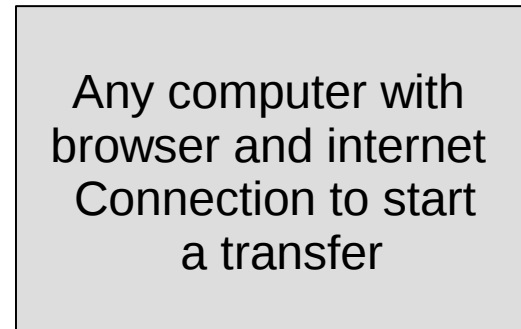
Questions?

Globus

Endpoints



Control



Data
flow