



# Brief Report from the Technical Working Group

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## At the kick-off meeting

### We stated to consider:

- Review of the terms of reference.
- Current assumptions or requirements
- Discuss possible models for the connectivity requirements.
- Discuss the areas for our consideration and determine any gaps.
- Consider what will be needed to create the end-to-end connectivity that will be required for SKA distributed computing.
- Discuss the format of our response.

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## Actions

- Rosie
  - Check the assumptions and recommendations
- Mian / Tim / Paul / RichardHJ
  - Consider the connectivity to the SKA countries – update our map
- Jonathan / RichardK
- Connectivity on SRC sites DMZ, DTNs, Security, IPv6, Jumbo frames
- Shaun / Rosie
  - Ideas and model for data distribution and SRC-SRC data flows
- RichardHJ
  - TOC for our output document
- Rosie
  - Work area on Google docs
- All
  - Send google login to Rosie

## At the 1<sup>st</sup> Meeting

- We worked through the actions.
- It became clear that as the Science is still evolving, the requirements are also changing.
- There is a need for some working assumptions e.g.
  - Each telescope will generate 1 PB/day so 100 Gigabits is a good match.
  - The expected “fair share” of data to each country.
- We are considering realistic “boundary conditions” e.g.
  - The data flow model from telescope to SRC.
  - The range of file sizes that make good use of the infrastructure.
- There is a draft table of contents for the output document.
- The next Technical Working Group meeting is 31 July 2013



# Thank You

Any questions?

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