

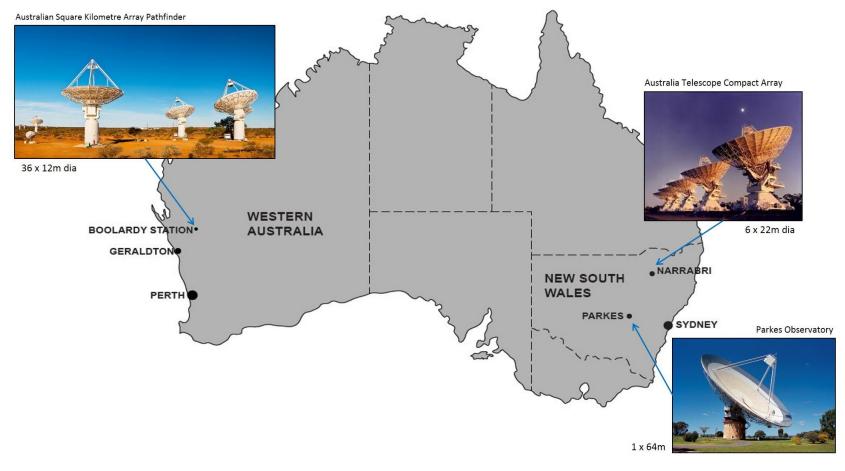
Timing Systems for ATNF Telescopes

Simon Hoyle, CASS, Parkes, NSW, Australia Peter Mirtschin, CASS, Narrabri, NSW, Australia

WEM301



Australia Telescope National Facility sites:





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Application of timing and synchronisation:

- Timestamp observation data:
 - In digitised streams from each antenna
 - In correlated data written to disk
- Antenna pointing
- Common timing cycles:
 - Integration cycle
 - Calibration cycle
- Lock phase of local oscillators to a common reference



Basic architecture:

