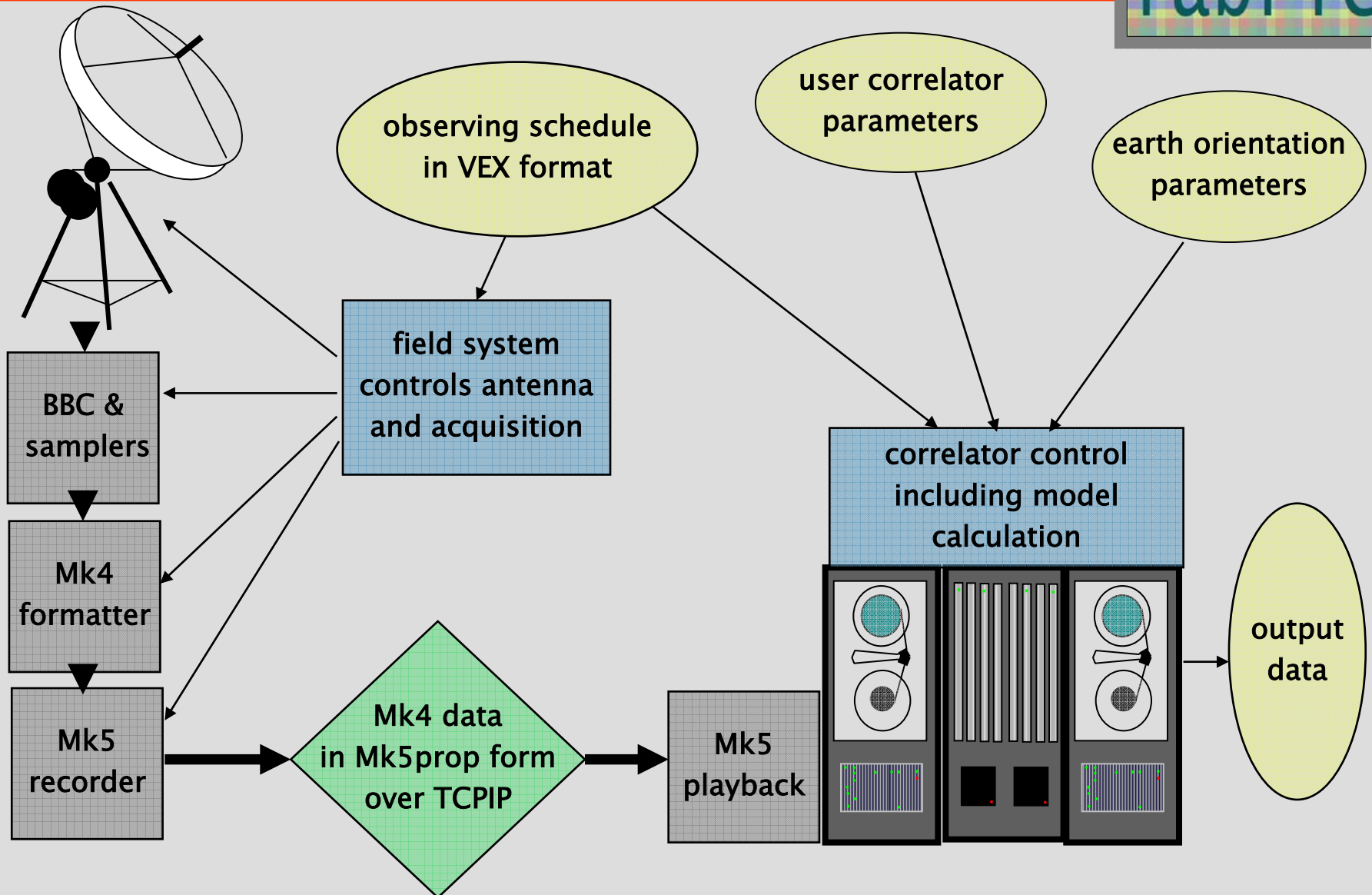
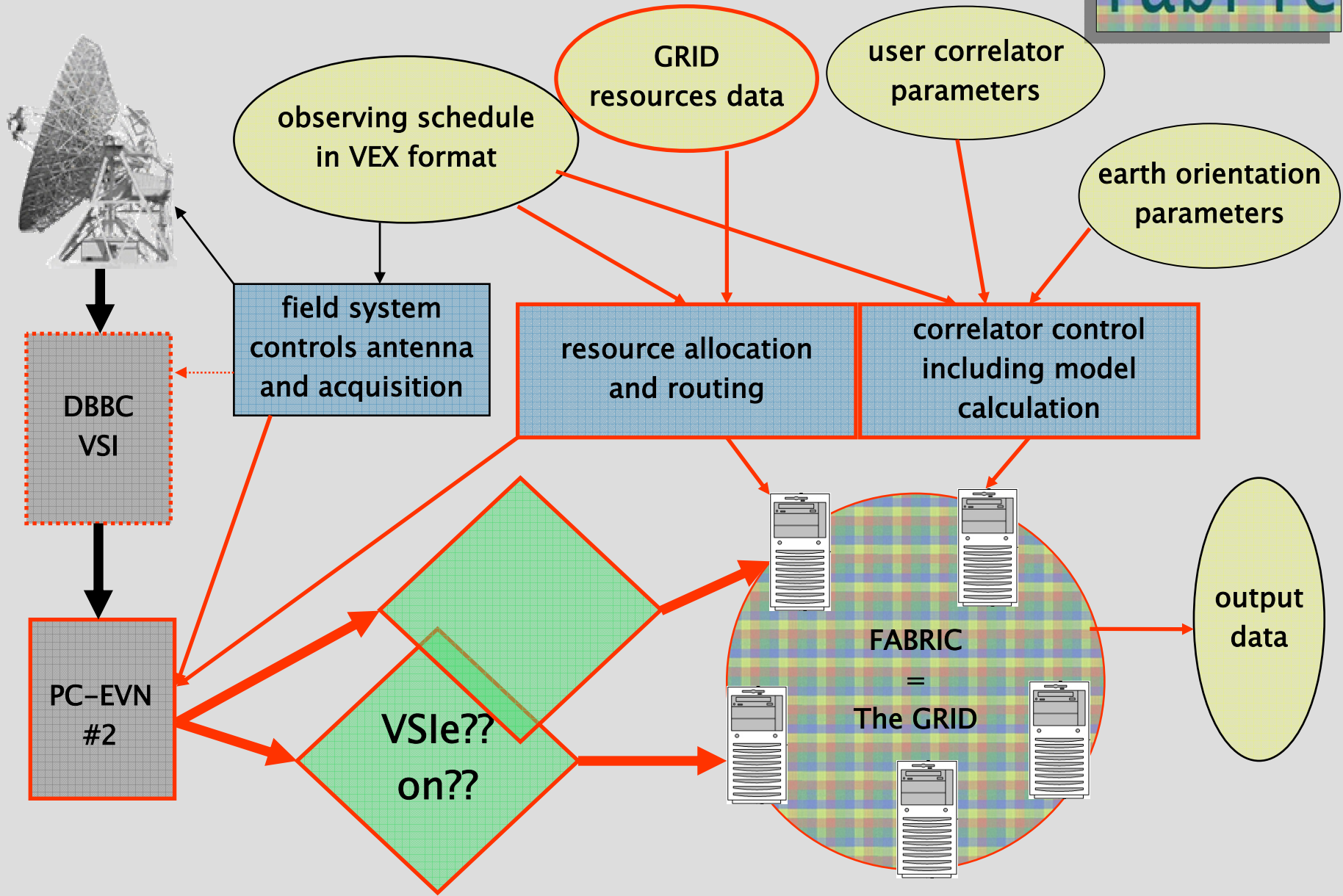


Discussion

Current eVLBI practice



FABRIC components



Discussion data acquisition



- Can it be completely COTS
 - Shape of recorder modules for disk mode
- How to interface to DBBC project?
 - Will it use the formatter? No formatter
 - Will it work with old BBCs?
 - Ari interfaces with DBBC project
- Control data acquisition through normal FS?
 - Includes control DBBC
- Getting fringes with PCEVN
 - Early deliverable
 - PC-EVN on Onsala, Mk5 on second station, almost trivial
 - Is our toy system to test protocol, very useful system!
- VSle or Mk4 for data format or something new?
 - New features in eVLBI data streams necessary?
 - ID of telescope, frequency and all that



- **Interface to eMERLIN correlator**
 - It is not asynchronous, limitations exist
 - Will be a concern for E-LOFAR
 - Bryan will write a note

On distributed computing



- Topology of network
 - Slice data in frequency, time or differently?
 - No matter how you do it, a time/freq slice needs to go only 1 way
- What are the Grid resources
 - Calibrate the require amount of computing
- Dynamical allocation possible?
- Interaction with observing schedule
- Interface for routing data
 - Multicast implementation on acquisition module

Distributed correlation



- Correlator model centrally generated?
 - Or calculate at every node
- Plan for merging data back together
- How to get uvw coordinates in data
- Monitor progress centrally

- **MRO**
 - Hired undergraduate
 - Strategic documents
 - Contact Onsala & JIVE to help demonstration
 - Interact with DBBC project
- **JBO**
 - Timing constraints on e-MERLIN correlator
 - Hire staff
 - Strategic documents
 - Protocol work continues
 - Think on interface
 - Timesheets

- **OSO**
 - Worry about PC/EVN demo
 - Manpower? Still under consideration
 - Could be used for DBBC
 - .
- **MPI**
 - Hibernate on manpower
 - Looking on what MRO decides
 - .
 - .
- **ASTRON**
 - Hour demonstration
 - Strategic document
 - Interact with JBO
 - .



- **PSNC**
 - Manpower already available
 - Analysis of Grid for eVLBI
 - Connect with JIVE
 - Exchange documentation with JIVE on existing part
 - .
- **JIVE**
 - Hire postdoc for data display and testing
 - Write document for correlator functionality
 - Setup some reporting wiki and e-mailing interfaces, exploder
 - Start hour administration
 - Establish working relation with PSNC
 - Distribute thoughts on logical topology
 - Study documentation on PSNC virtual lab

Interfaces



Action Items



Action 2

