BG/P TAB Pipeline Design/preparatory work for BG/P 2nd transpose Implement BG/P 2nd data transpose Implement BG/P 2nd data transpose Jan David Mol Document "new" BFout stream (post 2nd transpose) Jan David Mol Test and bug fix 2nd transpose Integrate phase correction into TAB module Implement LOFAR center as LBA center position of station CS002  SAS / MAC/MoM Integrate of TAB module into SAS/MAC Offline Pipeline connection to SAS/MAC MoM connection to SAS/MAC MoM connection to SAS/MAC MoM connection to SAS/MAC Alwin de Jong  BeamFormed Writer (1st version to OLD ICD spec) Alwin de Jong
Design/preparatory work for BG/P 2nd transpose Implement BG/P 2nd data transpose Document "new" BFout stream (post 2nd transpose) Jan David Mol Test and bug fix 2nd transpose Integrate phase correction into TAB module Implement LOFAR center as LBA center position of station CS002  SAS / MAC/MoM  Design/preparatory work for BG/P 2nd transpose Jan David Mol Jan David Mol Jan David Mol, John Jan David Mol, John John Romain, Michiel B. Chris B.  Integrate of TAB module into SAS/MAC Offline Pipeline connection to SAS/MAC Jan David Mol, Ruud Overeem John Swinbank, Ken Anderson, A2, Ruud Overeem Jason, Hanno, Antonis
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Implement LOFAR center as LBA center position of station CS002  Chris B.  SAS / MAC/MoM  Integrate of TAB module into SAS/MAC  Offline Pipeline connection to SAS/MAC  MoM connection to SAS/MAC  MoM connection to SAS/MAC  Jason, Hanno, Antonis
SAS / MAC/MoM  Integrate of TAB module into SAS/MAC  Offline Pipeline connection to SAS/MAC  MoM connection to SAS/MAC  MoM connection to SAS/MAC  Jason, Hanno, Antonis
Offline Pipeline connection to SAS/MAC  MoM connection to SAS/MAC  John Swinbank, Ken Anderson, A2, Ruud Overeem  Jason, Hanno, Antonis
Offline Pipeline connection to SAS/MAC  MoM connection to SAS/MAC  John Swinbank, Ken Anderson, A2, Ruud Overeem  Jason, Hanno, Antonis
MoM connection to SAS/MAC  Jason, Hanno, Antonis
RE2H5 online version  ReamFormed Writer (1st version to OLD ICD spec)  Alwin de long
BEZHA ONLING VORSION BERMEORMEN WRITER LIST VERSION TO LILLIA LISTOPP.
Test syn externals when building LOFARSOFT with the DAL  Lars Baehren, Marcel Loose, Alwin de Jong
Integrate DAL classes into BF2H5  Alwin de Jong  Alvin de Jong
Integrate parset reader into BF writer w/in LOFARSOFT  Alwin de Jong, Jan David Mol
Integrate new BF H5 data format (ICD) into BF2H5 (raw data)  Alwin de Jong  Integrate new BF H5 data format (ICD) into BF2H5 (BG/P out data)  Alwin de Jong, Jan David Mol
Test writing 248 subands at once to check efficiency  Alwin de Jong
Alwin de 30hg
BF ICD Create mock BF H5 files with 4 types of data storage containers A2
Benchmark (DAL C++) 4 storage types to choose optimum BF container A2, L. Baehren
Finalize BF ICD A2, L. Baehren, J. Romain, JD Mol, J. Hessels, K. Anderson
Identify source of metadata values (& calculations)  Hanno, R. Overeem, J. Hessels, M. Wise, Alwin de Jong, A2, B. Stappers
Profile BF Observations (& Pipeline) for typical stats on sizes  J. Hessels, B. Stappers, M. Wise
DAL Create DAL classes for BF metadata and structure (abide by ICD)  Lars Baehren, A2
Create DAL methods to access data from BF structure (abide by ICD)  Lars Baehren, A2
Wrap BF DAL classes and methods with Python for PyDAL  A2, Lars Baehren, K. Anderson
Ongoing PyDAL updates and bugfixes  A2, Lars Baehren, Frank B.
Integrate HDF5 into file I/O for Presto/TEMPO/etc A2
Pulsar Tools  Daily build of USG repository on offline cluster  Arno, Mike Wise, Lars
Integrate FFTW-3.1.2 into cmake  A2 Integrate PPGPLOT into cmake  A2
Integrate PPGPLOT into cmake A2 Interate TEMPO into cmake A2
Integrate PRESTO into cmake A2; Lars
Integrate SIGPROC into cmake A2, Lars
Integrate PSRCHIV into cmake A2
Integrate SSPS (Single Pulse sw and docs) into cmake A2, Thijs Coenen
Test software installation/components on new cluster A2, J. Hessels, B. Stappers
Test software installation/components on user machines  Pulsar Group
Integate "convert" (bf2presto) into cmake  A2
Update/maintain/expand "convert" (bf2presto) program for BF observations  Tom Hassall, A2, Jan David Mol
Assist Pulsar Group with integration of tools/scripts into cmake & USG A2; Lars
Maintain/upgrade Pulsar shell script pipeline A2, Pulsar Group
Pulsar Pipeline Integration Design Pulsar Pipeline for basic observing modes  J. Hessels, B. Stappers, J. van Leeuwen, A2, M. Wise
Decide how to distribute the Pulsar Pipeline M. Wise, L. Baehren, J. Hessels, A2, J. Swinbank
Implement Pulsar Pipeline Design within the iPython Framework  A2, K. Anderson, J. Swinbank

	Pipeline Testing	A2, K. Anderson, J. Swinbank, J. Hessels, B. Stappers, J. Van Leeuwen
	Release Pulsar Pipeline	M. Wise
	Design Pulsar Pipeline(s) for other observing modes including survey	J. Hessels, B. Stappers, J. van Leeuwen, A2, M. Wise
	Design Pulsar Pipeline for "Quicklook" results in realtime (LOFAR opening)	J. Hessels, B. Stappers, J. van Leeuwen, A2, M. Wise
	Test Known Pulsar Quicklook Pipeline	J. Hessels, B. Stappers, A2, K. Anderson
BF2H5 offline version	Extraction process of parameterDB out of LOFARSOFT & distribute offline	Mike to assign this issue to different group
	Create standalone BF2H5 tool	Alwin de Jong
	UDP reader/interpreter library (UK)	Alessio, Aris, Chris
Archive	Sync Archive schema with BF ICD	A. Renting, A2, L. Baehren, M. Wise, R. Overeem
	Archive Pulsar raw data	A. Renting
	Archive Pulsar Pipeline Processed data	A. Renting, A2

Commissioner Jan David Mol, Jason Hessels  John Romain, Jan David Mol Jan David Mol, Alwin Jan David Mol, Alwin de Jong, Jason Hessels JD, Jason Michiel B., Jason Hessels Chris B.	Expected date of readiness Done in early 2009 Done several weeks (mid-Apr) 1-2 days 1-2 weeks	remarks  John, Jan David and Rob have completed the discussions; 4-phased for transpose prep, then transpose will no longer be involved; Jan David will implement the entirety of the 2nd transpose Jan David is away until next Friday; Alwin to work with John Romain on BF TAB stream contents
Jan David Mol, Ruud Overeem John Swinbank, Ken Anderson, A2, Ruud Overeem		Need to ask Jan David for a status on this issue; rumor has it that this is working John is working with Ruud on the messaging/communication aspect
Alwin de Jong, J. Hessels Alwin de Jong, Marcel Alwin de Jong Alwin de Jong, A2, J. Hessels Alwin de Jong, A2, J. Hessels, Jan David Mol Alwin de Jong, Jason	Done in process, 1-week	Working again; can read parset file and feed keys to header; works w/o UDP Lars has spoken to Marcel and emailed relevant info; Lars to touch base with Marcel to implement ir
A2 A2, Jason Hessels A2, Lars Baehren, J. Romain, JD Mol, J. Hessels, M. Wise	Done 1-2 weeks	4 types are: 1D arrays, ND arrays, 1D tables, ND tables (note ND arrays are memory limited) DAL is missing Array/Table real() methods from sub-groups; Lars to add functionality before benchm John Romain's comments and James Anderson's comments integrated; moved Coord Group; may c Put this as an adgenda item for discussion during the next BF status meeting should be a chart in the ICD to view typical data sizes for types of observations; waiting on Jason
	in process	implemented three highest tiers of H5 structure (not yet lowest tier where the data structures are)
The Pulsar Group The Pulsar Group	in process	need to formalize the to-do and bug list
A2 fixing seg fault & other issues on new cluster build	Done Done Done 1-2 weeks	Mike to start up the process of asking Arno to include this in a daily build note, depends on system install of PGPLOT workaround for problems with reading files with line length > 70 chars; fix requested to developer accelsearch sef fault (non LOFAR data); cmake external dependencies can be made smarter (Lars)
Ben Stappers, Joeri Ben Stappers A2, Thijs Coenen, Joeri The Pulsar Group	in process in process; low priority	Does not build on the Mac (needs specific version of X11) Does not build on the Mac (needs specific version of X11) fixing problems as they unfold Ramesh would like a copy of the software suite within cmake; TEMPO doesn't build on Mac OS 10.6
A2, Tom Hassall A2, Tom Hassall, Jan David Mol, J. Hessels		Tom needs to check in his version into the ISG repository
A2, Tom Hassall		A2 updated to use 8-cores per mode; speed increase 5-6 times
The Pulsar Group		create use-cases and map these to tools/parameter settings; start at PBW #6
A2, K. Anderson, J. Swinbank		do we need to integrate the Transient S/W repository with the USG S/W repository? current SH scripts pipeline described and sent to Ken; John & Ken to meet about iPhython Framewo

A2, J. Hessels, B. Stappers, J. Van Leeuwen

A2, K. Anderson, J. Swinbank

not needed for completion of first pipelline release

Masaya, James Anderson Alessio, Aris, Chris, Alwin

A. Renting, A2, J. Hessels

A. Renting, A2, J. Hessels, M. Wise A. Renting, A2, J. Hessels, M. Wise 1st version Apr 7th

on target to meet one month deadline from start-up of project

in process

meetings took place to mesh the LOFAR ICD with the Archive schema