Deliverables and Milestones Tables

The following tables list the deliverables and milestones for the project as originally listed in the DoW. The deliverables are split into two sections: completed and remaining. The milestones are listed together.

Note that the status of the deliverables are categorized as:

x = Ongoing effort
4 = Deliverable completed and presented to Project Manager
3 = Deliverable in draft form
2 = Most work completed
1 = Some work started
0 = No work started
--> = Deliverable has been identified as actively delayed

Completed deliverables are available in several different formats. A physical copy of each has been printed (as possible) for each and presented to the Commission with the Period Report. The report is also provided in digital form with a simple HTML index which links completed deliverables with digital copies of the final product. Additionally, all deliverables and milestones are also linked in the project wiki:

http://www.jive.nl/nexpres/doku.php?id=nexpres:nexpres-deliv-table-1
http://www.jive.nl/nexpres/doku.php?id=nexpres:nexpres_p1_milestones

Table of completed deliverables

D#	Title	Partner	Due (month)	Status
D1.01	Appoint Programme Manager	1	1	4
D1.02	Appoint Project Assistant	1	1	4
D1.03	Form Board (protected due to email addresses)	1	1	4
D1.04	Create Project contact lists (multiple lists collected on that page)	1	1	4
D1.06	Form Management Team	1	1	4
D1.07	Convene Advisory Board	1	3	4
D1.08	Convene Management Team	1	3	4
D2.01	EVN-NREN meeting 1	12	9	4
D4.01	Communications Manager Appoint	1	1	4
D4.02	Online Resources: website, wiki	1	1	4
D4.04	Display	1	3	4
D4.05	Visual Guide/Elements	1	6	4
D4.06	Publish Print Items	1	9	4
D4.08	Project “Fact Sheet”	1	1	4

D5.01	Mixed e-VLBI/recorded-VLBI at stations jive5ab	1	3	4
D5.02	Metrics, selection criteria and user feedback	1	4	4
D5.03	Definitions of specifications monitoring and remote control	14	4	4
D7.01	Workflow Manager requirements from telescope operators	6	4	4
D7.02	Workflow Manager requirements from correlator operators	1	4	4
D8.01	Interface design document of storage element API	13	6	4
D8.02	Hardware design document for simultaneous I/O storage elements	13	8	4

Remaining deliverables

D#	Title	Partner	Due (month)	Status
D1.05	Conclude Consortium Agreement	1	17 ~~1~~	3
D1.09	Period 1 Report to EC	1	12	3
D1.10	Period 2 Report to EC	1	24	0
D1.11	Period 3 Report to EC	1	36	0
D2.02	EVN-NREN meeting 2	12	22	0
D2.03	EVN-NREN meeting 3	12	32	0
D2.04	Presentation on regions of increasing interest to Radio Astronomy and Networking	12	19	0
D3.01	eVSAG meeting 1	8	16	0
D3.02	eVSAG meeting 2	8	32	0
D4.03	Meeting Support	1	36	0
D4.07	Publish Print Items	1	23	0
D5.04	Automated job scheduling: Disk unit reservation system, GUI for starting different correlator systems, 2011, Merging ’domino’ into ’jive5ab’	1	19 ~~9~~	–>
D5.05	VDIF Mark5 conversion software	1	15	2
D5.06	Control systems and scheduling mechanisms for 4-Gbps recording equipment	1	18	1
D5.07	Unattended correlation	1	19	1
D5.08	Monitoring, remote control and client software including the authorization and authentication layer	14	22	1

D5.09	Control systems and scheduling mechanisms for 4-Gbps at correlator: The EVN Experiment Database, The Correlator Control System Database, JIVE NEXPReS Network Upgrade	1	23	x
D5.10	Corner-turning platform	1	24	0
D5.11	FS-integrated remote control system	14	28	2
D5.12	Automated delayed correlation	1	29	0
D5.13	Real-time correlation with simultaneous recording at the correlator	1	30	0
D5.14	Report on tests with Wettzell & Effelsberg stations	14	36	1
D5.15	Streamlined data reduction pipelines & user access	1	36	0
D6.01	Proof-of-concept system for reserving and provisioning On-demand networking capacity	1	20	1
D6.02	Operational use of BoD on at least one e-VLBI connection	1	36	0
D6.03	Configuration of 10 Gbps BoD for the LOFAR archive network	1	24	0
D6.04	BoD scheduling interface for LTA	1	30	0
D6.05	Demonstration of BoD for an operational LTA	1	33	0
D6.06	Demonstration of integrated BoD testing and validation	1	30	1
D6.07	Demonstration of international BoD connectivity at 4 Gbps	1	18	1
D6.08	Demonstration of international BoD connectivity at 10 Gbps	1	30	0
D7.03	Workflow Manager implementation: initial reports (Web Portal and Technology Overview, Workflow Languages Overview)	11	18	1
D7.04	Demo of automated correlation	1	24	0
D7.05	Real-time middleware components	11	24	0
D7.06	Demo of real-time correlation	1	34	0
D7.07	Demo of global correlation	1	36	1
D8.03	Design document of storage element allocation methods	3	16 ~~10~~	0
D8.04	Design document of transparent local/remote application programming interface for storage elements	13	17 ~~15~~	0
D8.05	Performance and integration test report of simultaneous I/O storage elements	6	21	0
D8.06	Test report of storage element allocation methods	3	22	0

D8.07	Test report of transparent local/remote application programming interface for storage elements	5	22	0
D8.08	Design document of integration system of allocation methods with transparent multi-Gbps access	1	26	0
D8.09	Integration test report of LTA and pipeline integration	2	32	0
D8.10	Demonstration tests of the integrated system	1	32	0
D8.11	Final report on Networked Storage on Demand	13	35	0

Milestones Table

Milestone #	Name	Work package(s) involved	Due (month)	Means of verification
M1.01	Prepare Period 1 Report to EC	all	11	D1.09
M1.02	Prepare Period 2 Report to EC	all	23	D1.10
M1.03	Prepare Period 3 Report to EC	all	25	D1.11
M2.02	Select location for EVN-NREN meeting 1	WP 2	6	D2.01
M2.02	Select location for EVN-NREN meeting 2	WP 2	19	D2.02
M2.03	Select location for EVN-NREN meeting 3	WP 2	29	D2.03
M3.01	Select location for eVSAG meeting 1	WP 3	13	D3.01
M3.02	Select location for eVSAG meeting 2	WP 3	29	D3.02
M4.01	Establish Online Resources	WP 4	1	D4.02
M4.02	Design Display	WP 4	1	D4.04
M4.03	Design Visual Guide/Elements	WP 4	3	D4.05
M4.04	Design Print Items	WP 4	6	D4.06
M4.05	Design Print Items	WP 4	20	D4.07
M5.01	Definition of specifications monitoring and remote control	WP 5	4	D5.02
M5.02	Automated job scheduling	WP 5	9	D5.03
M5.03	Unattended correlation	WP 5	19	D5.06
M5.04	Control systems and scheduling mechanisms for 4-Gbps at correlator	WP 5	23	D5.08
M6.01	Overall BoD system architecture	WP 6	20 ~~4~~	D6.01
M6.01b	Full architecture description	WP 6	20	D6.01
M6.02	10 Gbps Bod for LOFAR/LTA	WP 6	24 ~~10~~	D6.03
M6.03	Demonstration of integrated BoD testing	WP 6	30 ~~18~~	D6.06
M6.04	Demonstration of international 4 Gbps BoD	WP 6	18 ~~20~~	D6.07

M7.01	Workflow Requirements	WP 7	4	D7.01/ D7.02
M7.02	This Milestone Number Does Not Exist	n/a	n/a	n/a
M7.03	Workflow Manager	WP7	18	D07.3
M7.04	Identify telescopes and compute clusters for upcoming correlation demonstrations	WP7	21	D07.4
M7.05	Real-time Middleware Components	WP7	24	D07.5
M7.07	Identify elements that are mature enough for integration into WFM	WP7	14 ~~12~~	D07.7
M7.08	Face-to-face meeting to start preparation/integration for first demo of automated integration	WP7	15	D07.6
M7.09	Face-to-face meeting to start preparation/integration for final demo	WP7	28	D07.7
M8.01	Hardware decision for subsequent prototyping and integration tests (AALTO)	WP 8	8	D8.02
M8.02	Review of prototype test results, decision of the architecture and scope of subsequent integration tests (JIVE)	WP 8	15	D8.08