

OSRO Targets						
Major Milestones		Priorities				
		0=Will not start observing without this				
12/1/2009	CASA 3.0 release	1=Required for start of OSRO				
1/15/2010	OSRO/WIDAR Commissioning	2=Desirable for start of OSRO				
3/1/2010	EVLA early science with WIDAR begins	3=Not needed for start of OSRO (but needed at some stage)				
Date (original)	Target	Priority	Date complete	Personnel	Sections	Section leads
	Ongoing science ops targets					
9/25/2009	Begin VLA DnC configuration: EVLA demo science observations	1		Schedsoc/Rupen	Sci	Chandler
10/16/2009	Begin VLA D configuration	1		Schedsoc	Sci	Chandler
11/16/2009	Proposal technical reviews due	1		Schedsoc	Sci	Chandler
1/3/2010	AAS meeting	1		Scistaff	Sci	Chandler
	CASA 3.0 release					
	Testing needed:					
8/7/2009	CLCOR-like task in CASA	1		Moellenbrock/Fomalont/Dhawan	CASA, Sci	Elias, Chandler
10/1/2009	ALMA pipeline autoflag available as task in CASA (not for 3.0)	2		Larsen/vanMoorsel/Goss/Ott	CASA	Butler, Elias
10/1/2009	CLEAN box manipulation in CASA (FILEBOX equivalent)	1		Ye/Owen/Myers	CASA, Sci	Elias, Chandler
10/1/2009	Implement autoflagging as task in CASA	2		Larsen/vanMoorsel/Goss/Ott	CASA, Sci	Elias, Chandler
10/1/2009	Test flagging of shadowed antennas in CASA (waiting for D-config)	1		Larsen/Brisken	CASA, Sci	Elias, Chandler
10/1/2009	CASA filler to fill Tsys and WX data	1		Caillat/testers needed	CASA	Butler, Elias
10/1/2009	Fast plotting in CASA	1		Moellenbrock/Ott/Momjian	CASA, Sci	Elias, Chandler
12/1/2009	Test end-to-end processing of OSRO datasets	1		Moellenbrock; scistaff testers	CASA	Butler, Elias
	Development needed:					
8/31/2009	Flagging of shadowed antennas in CASA filler	3		Caillat/Brisken	CASA, Sci	Elias, Chandler
9/1/2009	Pass TY tables to AIPS via UVFITS	1		CASA	CASA	Butler, Elias
9/1/2009	Offer Tant/Tsys plotting in plotms	1		Moellenbrock/testers needed	CASA	Butler, Elias
9/30/2009	Enable Tsys scaling of data in CASA	1		Moellenbrock/testers needed	CASA	Butler, Elias
10/1/2009	CORR-dependent flagging in CASA	2		Moellenbrock/testers needed	CASA	Butler, Elias
10/1/2009	CASA spectral line and cube analysis	3		CASA developers; testers needed	CASA	Butler, Elias
10/1/2009	CASA plotting and image annotation	3		CASA developers; testers needed	CASA	Butler, Elias
10/1/2009	CASA support for Solar System objects	3		CASA developers/Butler; testers needed	CASA	Butler, Elias
11/1/2009	Finalize and verify CASA/UVFITS/AIPS data path	1		Moellenbrock/Rupen	CASA	Butler, Elias
12/1/2009	CASA production release	1		CASA	CASA	Butler, Elias
1/15/2010	CASA cookbook updated for OSRO	1		Myers	Sci	Chandler
3/1/2010	Image polarizations separately (non-joint deconvolution) in CASA	2		Golap/Perley	CASA, Sci	Elias, Chandler
4/1/2010	Allow flagging based on Tsys and other parameters in CASA	2		Larsen/testers needed	CASA	Butler, Elias
4/1/2010	Allow easy plotting of histograms for cubes in CASA	1		Schiebel/testers needed	CASA	Butler, Elias
	OSRO/WIDAR Commissioning					
9/1/2009	Test AAT automatic conversion of retrieved EVLA data to UVFITS	1		van Moorsel/Sjouerman/Rupen	Sci	Chandler
9/1/2009	StB CMIBs Tcal/Tsys calculation	0		M&C/Dhawan	M&C, Sci	Butler, Chandler
9/1/2009	Tcal values stored in database for transmission to MCAF	0		M&C/Dhawan	M&C, Sci	Butler, Chandler
9/1/2009	Transmit Tsys values to MCAF	0		M&C/Dhawan	M&C, Sci	Butler, Chandler

9/1/2009	Write Tsys into SDM	0	M&C/Dhawan	M&C, Sci	Butler, Chandler
9/1/2009	Test system temperature calibration	0	R. Perley/scistaff	Sci	Chandler
9/1/2009	CBE averaging and decimation in frequency	2	Pokorny/Rupen	M&C	Butler
9/8/2009	Write fully-populated data format for OSRO	0	Rupen	Sci	Chandler
9/12/2009	Test CBE averaging and decimation in time	1	Pokorny/Rupen	M&C	Butler
9/15/2009	Begin tests of OSRO modes with WIDAR-0	1	Rupen/Dhawan/Ott	Sci	Chandler
10/1/2009	WIDAR timing code problems resolved	0	Rupen/Fort	Sci	Chandler
11/1/2009	Test frequency averaging in AAT	1	Benson/Rupen/Sjouwerman	SSS	Butler
11/1/2009	Write correctly-populated data format for OSRO	0	Rupen	Sci	Chandler
11/1/2009	Test delay calibration procedure for WIDAR-0 in CASA	2	Rupen/Dhawan/Perley/Moellenbrock	Sci	Chandler
11/30/2009	SSS ready to create OSRO WIDAR configurations in RCT	1	Harland/Lyons	SSS	Harland
1/1/2010	Bandpass stability tests with WIDAR-0	1	R. Perley/Momjian/Ott	Sci	Chandler
1/1/2010	Executor controls correlator	1	Clark/Vrcic/Harland	M&C, SSS	Butler, Harland
1/1/2010	Other CBE processing	1	Pokorny/Rupen	M&C	Butler
1/1/2010	Primary beam measurements and holography	2	R. Perley/Hesman/Cotton	Sci	Chandler
1/1/2010	TelCal complete, ref. ptg.	0	Sowinski/Butler/Clark/Cummings	M&C	Butler
1/11/2010	Shut down VLA correlator	1	Operations	Ops	P. Perley
	EVLA early science with WIDAR begins				
7/1/2009	Prototype online helpdesk -- testing	1	Chandler/Witz/CIS	Sci, CIS	Chandler, Halstead
7/31/2009	Complete SSS requirements for OSRO	1	Wrobel/Sjouwerman/Claussen	Sci	Chandler
9/1/2009	New EVLA website for all users	2	vanMoorsel/Witz	CIS, Sci	Chandler
10/1/2009	OPT pre-populate full project from PST	3	Harland/Witz/OpenSky/Sjouwerman/C	SSS	Harland
10/30/2009	Upgrade to 1Gbps link to Internet2	1	Robnett	CIS	Robnett
11/1/2009	Plan for incorporating PSC results into PST/OPT	2	Butler	SSS	Butler
11/1/2009	Train data analysts, OPT, AAT, CASA	1	Sjouwerman/Claussen/vanMoorsel	Sci	Chandler
11/1/2009	Plan for supporting increased number of visitors	2	van Moorsel	Sci	Chandler
12/1/2009	Review helpdesk configuration	1	vanMoorsel/Greisen/Witz	Sci, CIS	Chandler, Halstead
12/1/2009	Data analyst for data distribution via alternative media	1	P. Perley	Ops	P. Perley
12/1/2009	Final online helpdesk	1	Chandler/Witz/CIS	Sci, CIS	Chandler, Halstead
1/1/2010	First draft of calibration pipeline plan for OSRO modes	2	Sjouwerman	Sci	Chandler
1/1/2010	AIPS/CASA data/calibration pipeline quality analysis plan	2	Greisen/Sjouwerman	Sci	Chandler
1/1/2010	Purchase archive disks	1	Robnett	CIS	Robnett
1/1/2010	OPT documentation in place for OSRO	1	Sjouwerman	Sci	Chandler
1/1/2010	Flux density scale	2	Butler/R. Perley	Sci	Chandler
1/1/2010	Calibrator survey	2	Hesman/Sjouwerman/Myers	Sci	Chandler
1/15/2010	OPT release for OSRO users	0	Harland/Truitt/Sjouwerman	SSS	Harland
1/15/2010	VLA website for archival information only	1	Chandler/van Moorsel/Sjouwerman	Sci	Chandler
1/15/2010	AIPS cookbook updated for OSRO	1	Greisen	Sci	Chandler
3/1/2010	Gain curves, tipping scans	2	R. Perley/Butler/Marvil	Sci	Chandler
3/1/2010	AAT automatic transfer and cataloging of EVLA data finalized	0	van Moorsel/Sjouwerman/Rupen	Sci	Chandler
3/1/2010	Off-source flags and subreflector flags in place	0	Butler	M&C	Butler
3/1/2010	Tipping scan analysis implemented in AIPS	2	Mioduszewski/Claussen/Butler/Marvil	Sci	Chandler
3/1/2010	Solar cal tests	3	R. Perley	Sci	Chandler
3/1/2010	MCAF: SDM 1.0 supported	1	Mooser/Rupen	M&C	Butler
3/1/2010	Begin operation as EVLA	1	All	All	All
	Future targets				
6/1/2010	Analysis of user reduction requirements for 2 GHz OSRO	1	Greisen/Owen/Butler	Sci	Chandler