

OSRO Targets					
	Ongoing science ops targets		Priorities		
	Future targets		0=Will not start observing without this		
	Post-processing (CASA/AIPS)		1=Required for start of OSRO		
	OSRO/WIDAR Commissioning		2=Desirable for start of OSRO		
	User-facing activities				
Date	Target	Priority	Personnel	Sections	Section leads
2/15/2010	Verify phase convention/BD Stokes I + X-hands all IFs	0	Rupen		
2/22/2010	Automated control of correlator set-up	0	Clark/Vrcic/Harland	M&C, SSS	Butler, Harland
2/22/2010	Write correct data format for OSRO (WX, sw. p., flags, spwids)	0	Rupen	Sci	Chandler
2/22/2010	Recommended data path for weight calibration	0	CASA/Greisen/van Moorsel	CASA, Sci	Butler, Chandler
2/22/2010	Verify complex gain transfer works (C/X first, then L/K/Ka/Q)	0	Perley/Dhawan	Sci	Chandler
2/22/2010	Verify complex gain stability for all bands (C/X first, then L/K/Ka/Q)	0	Perley	Sci	Chandler
2/22/2010	Verify data labels (frequencies, uvw's, etc.)	0	Rupen	Sci	Chandler
2/22/2010	Delays set to better than 30 ns for all bands	0	Sowinski/Butler/Clark/Dhawan	M&C	Butler
2/22/2010	Verify source/scan labels correct	0	Rupen	Sci	Chandler
3/1/2010	Attenuator set and remember implemented	0	Butler	M&C	Butler
3/1/2010	Complete tests of OSRO modes for approved projects/D-config	0	Rupen/Dhawan/Ott	Sci	Chandler
3/1/2010	Most antennas/IFs working (3 antenna rule implemented)	0	P. Perley	Ops	P. Perley
3/1/2010	WIDAR temperature/fire alarm alerts for operators	0	M&C	M&C	Butler
3/15/2010	Verify switching between frequencies works	0	Rupen	Sci	Chandler
3/15/2010	Test reference pointing	0	Sowinski/Perley	M&C, Sci	Butler, Chandler
3/1/2010	Off-source flags and subreflector flags in place: M&C/filler	0.5	Butler	M&C	Butler
3/1/2010	Off-source flags and subreflector flags in place: CASA	0.5	Elias	CASA	Butler
3/1/2010	Off-source flags and subreflector flags in place: UVFITS	0.5	Elias/Greisen	CASA, Sci	Butler, Chandler
12/1/2009	Data analyst for data distribution via alternative media	1	P. Perley	Ops	P. Perley
2/8/2010	OPT Doppler setting implemented	1	Harland	SSS	Harland
2/15/2010	Default continuum frequencies defined: OSS, OPT, PST	1	Perley/Claussen/Sjouwerman	Sci	Chandler
2/15/2010	Plan for supporting SB verification	1	van Moorsel/Chandler	Sci	Chandler
3/1/2010	Alerts for timecode glitches	1	Rupen/M&C	M&C	Butler
3/1/2010	CASA cookbook updated for OSRO	1	Myers/Ott	Sci	Chandler
3/1/2010	Bandpass stability tests for OSRO	1	R. Perley/Momjian/Ott/Goss	Sci	Chandler
3/1/2010	Test CBE averaging and decimation in time & frequency	1	Pokorny/Rupen	M&C, Sci	Butler, Chandler
3/1/2010	AIPS cookbook updated for OSRO	1	Greisen	Sci	Chandler
3/1/2010	Begin observing with EVLA, C/X-band	1	All	All	All
3/1/2010	AAT data retrieval speed up	1	Benson/Robnett	SSS/CIS	Butler, Robnett
3/15/2010	Switched power gain correction	1	M&C/Dhawan/Perley	M&C, Sci	Butler, Chandler
3/15/2010	Note on failed pointing in SDM	1	M&C	M&C	Butler
4/1/2010	Tsys-based weights	1	Rupen/CASA	CASA, Sci	Butler, Chandler
4/1/2010	Test all advertised OSRO modes in all bands	1	Rupen	Sci	Chandler
4/1/2010	Weather information included in metadata	1	Rupen/M&C	M&C, Sci	Butler, Chandler
4/1/2010	Other WIDAR alerts for operators	1	M&C	M&C	Butler
4/1/2010	1 Gbps link to Internet-2	1	Robnett/NMT	CIS	Robnett

4/1/2010	Flux density observations with WIDAR	1	Perley/Butler	Sci	Chandler
5/1/2010	Pointing model, baselines from WIDAR data (OTT flag)	1	Sowinski/Butler/Clark/Dhawan	M&C	Butler
6/1/2010	Analysis of user reduction requirements for 2 GHz OSRO	1	Greisen/Owen/Butler	Sci	Chandler
3/1/2010	Updated flux density scale implemented in AIPS & CASA	2	Greisen/Moellenbrock	Sci, CASA	Chandler, Elias
1/31/2010	First draft of calibration pipeline plan for OSRO modes	2	Sjouwerman	Sci	Chandler
1/31/2010	AIPS/CASA data/calibration pipeline quality analysis plan	2	Greisen/Sjouwerman	Sci	Chandler
2/8/2010	Plan for data path for calibrator survey	2	Mioduszewski	Sci	Chandler
2/15/2010	RFI sweep for all bands	2	Perley	Sci	Chandler
3/1/2010	27-element WIDAR demo science plan	2	Chandler	Sci	Chandler
3/1/2010	Primary beam measurements and holography w/ WIDAR	2	R. Perley/Hesman/Cotton	Sci	Chandler
3/1/2010	Improvements to visitor registration system	2	van Moorsel/Groner/Halstead	Sci, CIS	Chandler, Halstead
3/1/2010	Gain curves for OSRO	2	R. Perley/Butler/Marvil/Owen	Sci	Chandler
3/1/2010	Tipping scans for OSRO: user recommendations/analysis software	2	R. Perley/Butler/Marvil/Owen/Mioduszewski	Sci	Chandler
4/1/2010	Doppler tracking tests complete for OSRO	2	Clark/Rupen	M&C, Sci	Butler, Chandler
4/15/2010	Elimination of timecode glitches	2	Penticton/M&C	M&C	Butler
4/15/2010	Detailed pointing results communicated to observer	2	M&C/P. Perley	M&C, Ops	Butler, P. Perley
5/1/2010	Diagnose origin of wobbles	2	Perley	Sci	Chandler
5/1/2010	Doppler tracking implemented in post-processing software	2	Elias/Greisen/van Moorsel	CASA, Sci	Elias, Butler, Chandler