### RSRO Targets

#### Major Milestones
- **10/1/2009** Proposal deadline
- **12/1/2009** CASA 3.0 release
- **1/15/2010** Commissioning of 27-element capable WIDAR
- **3/1/2010** EVLA early science with WIDAR begins

#### Date (original) | Target | Priority | Date complete | Personnel | Section | Section lead
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8/15/2009 | RSRO use case template on web | 1 | Clausen/Butler | Sci | Chandler
9/1/2009 | Mechanism for handling RSRO proposals | 1 | Dickman/Chandler/Clark/Wrobel | NM-AD | Dickman
9/1/2009 | Mechanism for handling EVLA commissioning staff proposals | 1 | Dickman/Chandler/Clark/Wrobel | NM-AD | Dickman

#### CASA 3.0 release

**Testing needed:**
- **7/31/2009** Implement wideband, narrow-field imaging as CASA task | 1 | Bhatnagar | CASA | Butler, Glendenning
- **8/21/2009** Beam squint corrections in CASA | 2 | Bhatnagar | CASA | Butler, Glendenning
- **12/31/2009** Automatic editing of uv data (implement Urvashi’s algorithm as task) | 1 | ARDG; vanMoorsel/Hesman/Ott | Algorithms | Owen, Hunt

**Development needed:**
- **10/1/2009** Post-processing cluster parallelization tests complete | 1 | Golap | CASA | Butler
- **11/1/2009** Post-processing cluster specifications complete | 1 | Golap/Robnett | CASA, CIS | Butler, Robnett
- **12/31/2009** Ensure CASA can handle “typical” RSRO dataset sizes | 1 | Moellenbrock; scistaff testers | CASA | Butler, Glendenning
- **1/1/2010** Parallelized cluster software complete | 1 | Bhatnagar/Robnett | CASA, CIS | Butler, Robnett
- **3/1/2010** Fringe-fitting task in CASA | 1 | Moellenbrock; scistaff testers | CASA | Butler, Glendenning
- **4/1/2010** Autoboxing task in CASA | 1 | Myers/testers needed | CASA | Butler, Glendenning

#### Commissioning of 27-element capable WIDAR

**9/1/2009** OPT release for RSRO testing | 1 | Harland/Truitt/Sjouwerman | SSS | Harland
**12/1/2009** Gain calibration for wide bandwidths, weak cal sources | 1 | Clausen/R. Perley/Moellenbrock/Dha | Sci | Chandler

#### EVLA early science with WIDAR begins

**10/1/2009** Begin testing wideband, narrow-field imaging with WIDAR-0 data | 1 | ARDG; Owen/vanMoorsel/Dhawan/Miao | Algorithms | Owen, Hunt
**10/1/2009** Initial plan for cluster access and use | 1 | Owen | Sci | Chandler
**12/31/2009** Narrow-field imaging of single sources with confusing sources | 1 | Algorithm group; testers needed | Algorithms | Owen, Hunt
**1/1/2010** New wideband calibrator models | 2 | Mioduszewski | Sci | Chandler
**2/15/2010** OPT release for RSRO users | 1 | Harland/Truitt/Sjouwerman | SSS | Harland
**6/1/2010** Post-processing cluster purchased | 1 | Robnett | CIS | Robnett

**Future targets**

- **6/1/2010** Calibration of 3-bit samplers | 1 | Brisken/Clark/R. Perley | Sci | Chandler
- **6/1/2010** Improved reference pointing (multiple sub-bands, weak/line sources) | 1 | Sjouwerman/Clausen/Hesman | Sci | Chandler
- **6/1/2010** Service polarization calibration: time and frequency dependence | 1 | R. Perley/Moellenbrock | Sci | Chandler