### RSRO Targets

#### Major Milestones

<table>
<thead>
<tr>
<th>Date</th>
<th>Target</th>
<th>Priority</th>
<th>Complete Date</th>
<th>Personnel</th>
<th>Section</th>
<th>Section Lead</th>
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</thead>
<tbody>
<tr>
<td>10/1/2009</td>
<td>Proposal deadline</td>
<td></td>
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<tr>
<td>12/1/2009</td>
<td>CASA 3.0 release</td>
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<tr>
<td>1/15/2010</td>
<td>Commissioning of 27-element capable WIDAR</td>
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<tr>
<td>3/1/2010</td>
<td>EVLA early science with WIDAR begins</td>
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#### Date (original) | Target | Priority | Date Complete | Personnel | Section | Section Lead |
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>8/15/2009</td>
<td>RSRO use case template on web</td>
<td>1</td>
<td></td>
<td>Claussen/Butler</td>
<td>Sci</td>
<td>Chandler</td>
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<tr>
<td>9/1/2009</td>
<td>Mechanism for handling RSRO proposals</td>
<td>1</td>
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<td>Dickman/Chandler/Clark/Wrobel</td>
<td>NM-AD</td>
<td>Dickman</td>
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<tr>
<td>9/1/2009</td>
<td>Mechanism for handling EVLA commissioning staff proposals</td>
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<td>Dickman/Chandler/Clark/Wrobel</td>
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<td>Dickman</td>
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#### CASA 3.0 Release

**Testing needed:**

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<th>Date</th>
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<th>Priority</th>
<th>Complete Date</th>
<th>Personnel</th>
<th>Section</th>
<th>Section Lead</th>
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</thead>
<tbody>
<tr>
<td>7/31/2009</td>
<td>Implement wideband, narrow-field imaging as CASA task</td>
<td>1</td>
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<td>Bhatnagar</td>
<td>CASA</td>
<td>Butler, Glendenning</td>
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<tr>
<td>8/21/2009</td>
<td>Beam squint corrections in CASA</td>
<td>2</td>
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<td>Bhatnagar</td>
<td>CASA</td>
<td>Butler, Glendenning</td>
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<tr>
<td>12/31/2009</td>
<td>Automatic editing of uv data (implement Urvashi's algorithm as task)</td>
<td>1</td>
<td></td>
<td>ARDG; vanMoorsel/Hesman/Ott</td>
<td>Algorithms</td>
<td>Owen, Hunt</td>
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#### Development needed:

<table>
<thead>
<tr>
<th>Date</th>
<th>Target</th>
<th>Priority</th>
<th>Complete Date</th>
<th>Personnel</th>
<th>Section</th>
<th>Section Lead</th>
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<tbody>
<tr>
<td>10/1/2009</td>
<td>Post-processing cluster parallelization tests complete</td>
<td>1</td>
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<td>Golap</td>
<td>CASA</td>
<td>Butler</td>
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<tr>
<td>11/1/2009</td>
<td>Post-processing cluster specifications complete</td>
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<td>Golap/Robnett</td>
<td>CASA, CIS</td>
<td>Butler, Robnett</td>
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<tr>
<td>12/31/2009</td>
<td>Ensure CASA can handle &quot;typical&quot; RSRO dataset sizes</td>
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<td>Moellenbrock; scistaff testers</td>
<td>CASA</td>
<td>Butler, Glendenning</td>
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<td>1/1/2010</td>
<td>Parallelized cluster software complete</td>
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<td>Bhatnagar/Robnett</td>
<td>CASA, CIS</td>
<td>Butler, Robnett</td>
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<tr>
<td>3/1/2010</td>
<td>Fringe-fitting task in CASA</td>
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<td>Moellenbrock; scistaff testers</td>
<td>CASA</td>
<td>Butler, Glendenning</td>
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<td>4/1/2010</td>
<td>Autoboxing task in CASA</td>
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<td>Myers/testers needed</td>
<td>CASA</td>
<td>Butler, Glendenning</td>
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#### Commissioning of 27-element capable WIDAR

<table>
<thead>
<tr>
<th>Date</th>
<th>Target</th>
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<th>Personnel</th>
<th>Section</th>
<th>Section Lead</th>
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</thead>
<tbody>
<tr>
<td>9/1/2009</td>
<td>OPT release for RSRO testing</td>
<td>1</td>
<td></td>
<td>Harland/Truitt/Sjouwerman</td>
<td>SSS</td>
<td>Harland</td>
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<tr>
<td>12/1/2009</td>
<td>Gain calibration for wide bandwidths, weak cal sources</td>
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<td>Claussen/R. Perley/Moellenbrock/Dhawan</td>
<td>Algorithms</td>
<td>Owen, Hunt</td>
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#### EVLA Early science with WIDAR begins

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<thead>
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<th>Personnel</th>
<th>Section</th>
<th>Section Lead</th>
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<tbody>
<tr>
<td>10/1/2009</td>
<td>Begin testing wideband, narrow-field imaging with WIDAR-0 data</td>
<td>1</td>
<td></td>
<td>ARDG; Owen/vanMoorsel/Dhawan/Mi</td>
<td>Algorithms</td>
<td>Owen, Hunt</td>
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<tr>
<td>10/1/2009</td>
<td>Initial plan for cluster access and use</td>
<td>1</td>
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<td>Owen</td>
<td>Sci</td>
<td>Chandler</td>
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<tr>
<td>12/31/2009</td>
<td>Narrow-field imaging of single sources with confusing sources</td>
<td>1</td>
<td></td>
<td>Algorithm group; testers needed</td>
<td>Algorithms</td>
<td>Owen, Hunt</td>
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<tr>
<td>1/1/2010</td>
<td>New wideband calibrator models</td>
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<td>2/15/2010</td>
<td>OPT release for RSRO users</td>
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<td>Harland</td>
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<tr>
<td>6/1/2010</td>
<td>Post-processing cluster purchased</td>
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<td>Robnett</td>
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<td>Robnett</td>
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#### Future targets

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<tr>
<th>Date</th>
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<th>Section Lead</th>
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<tbody>
<tr>
<td>6/1/2010</td>
<td>Improved reference pointing (multiple sub-bands, weak/line sources)</td>
<td>1</td>
<td></td>
<td>Sjouwerman/Claussen/Hesman</td>
<td>Sci</td>
<td>Chandler</td>
</tr>
<tr>
<td>6/1/2010</td>
<td>Service polarization calibration: time and frequency dependence</td>
<td>1</td>
<td></td>
<td>R. Perley/Moellenbrock</td>
<td>Sci</td>
<td>Chandler</td>
</tr>
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</table>