Table 1: Revised NICMOS Cycle 7 Calibration Plan (June 1997 - December 1998)

<table>
<thead>
<tr>
<th>ID</th>
<th>Proposal Title</th>
<th>Frequency</th>
<th>Estimated Time (orbits)</th>
<th>Required Resources (FTE)</th>
<th>Products</th>
<th>Accuracy</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>“External”</td>
<td>“Internal”</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>7596</td>
<td>MULTIACCUM Darks</td>
<td>1/4 weeks</td>
<td>54</td>
<td>0.10</td>
<td>CBDS</td>
<td>10 DN</td>
<td>Data in all three cameras</td>
</tr>
<tr>
<td>7690</td>
<td>Internal Lamp Flats</td>
<td>1/4 weeks</td>
<td>26</td>
<td>0.30</td>
<td>CBDS</td>
<td>1%</td>
<td>NIC1&amp;2 master flats + monitor</td>
</tr>
<tr>
<td>7607</td>
<td>Photometric Monitoring</td>
<td>1/4 weeks</td>
<td>18</td>
<td>0.15</td>
<td>ISR</td>
<td>2%</td>
<td>June’97 to Jan’98</td>
</tr>
<tr>
<td>7902</td>
<td>Photometric Monitoring II</td>
<td>1/4 weeks</td>
<td>22</td>
<td>0.15</td>
<td>ISR</td>
<td>2%</td>
<td>Feb.’98 to Dec’98</td>
</tr>
<tr>
<td>7608</td>
<td>Focus Monitoring</td>
<td>2/4 weeks</td>
<td>51</td>
<td>0.30</td>
<td>PDB</td>
<td>1 mm</td>
<td>Jun’97 to Jan’98</td>
</tr>
<tr>
<td>7901</td>
<td>Focus Monitoring II</td>
<td>1/4 weeks</td>
<td>22</td>
<td>0.30</td>
<td>PDB</td>
<td>1 mm</td>
<td>Feb’98 to Dec’99</td>
</tr>
<tr>
<td>7903</td>
<td>GRISM Dispersion Monitoring</td>
<td>1/8 weeks</td>
<td>6</td>
<td>0.10</td>
<td>CBDS</td>
<td>0.01 μm</td>
<td>Extragalactic Grism Survey</td>
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**Routine Monitoring Programs**

<table>
<thead>
<tr>
<th>ID</th>
<th>Proposal Title</th>
<th>Frequency</th>
<th>Estimated Time (orbits)</th>
<th>Required Resources (FTE)</th>
<th>Products</th>
<th>Accuracy</th>
<th>Comments</th>
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<tbody>
<tr>
<td>7703-10</td>
<td>MULTIACCUM Darks</td>
<td>1</td>
<td>132</td>
<td>0.50</td>
<td>CBDS</td>
<td>10 DN</td>
<td>Data in all three cameras</td>
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<tr>
<td>7789, 93-99</td>
<td>MULTIACCUM Darks: post-fix</td>
<td>1</td>
<td>132</td>
<td>0.50</td>
<td>CBDS</td>
<td>10 DN</td>
<td>Data in all three cameras</td>
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<tr>
<td>7688</td>
<td>ACCUM Darks</td>
<td>1</td>
<td>37</td>
<td>0.10</td>
<td>CBDS</td>
<td>10 DN</td>
<td>Data in all three cameras</td>
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<tr>
<td>7775</td>
<td>Earth Flats</td>
<td>5</td>
<td>150</td>
<td>0.70</td>
<td>CBDS</td>
<td>5%</td>
<td>NIC1&amp;2; NIC3 reduced program</td>
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<tr>
<td>7691</td>
<td>Photometric Zero Point</td>
<td>1</td>
<td>12</td>
<td>2</td>
<td>Synphot</td>
<td>5-10%</td>
<td>NIC1&amp;2</td>
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<tr>
<td>7904</td>
<td>Photometric Zero Point: Red Stars</td>
<td>1</td>
<td>6</td>
<td>0.15</td>
<td>Synphot</td>
<td>5-10%</td>
<td>NIC1&amp;2</td>
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<tr>
<td>7902</td>
<td>Polarizers</td>
<td>1</td>
<td>12</td>
<td>2</td>
<td>ISR</td>
<td>1%</td>
<td>NIC1&amp;2</td>
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<tr>
<td>7903</td>
<td>Pupil Transfer Function</td>
<td>1</td>
<td>15</td>
<td>0.10</td>
<td>ISR</td>
<td>1%</td>
<td>NIC1&amp;2</td>
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<tr>
<td>7611</td>
<td>Thermal Background</td>
<td>continuous</td>
<td>20</td>
<td>0.10</td>
<td>ISR</td>
<td>n/a</td>
<td>Data and analysis for NIC2&amp;3</td>
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<tr>
<td>7806</td>
<td>GRISM Revalidation</td>
<td>1</td>
<td>2</td>
<td>0.05</td>
<td>CBDS</td>
<td>0.01 μm</td>
<td>revalidation of SMOV test</td>
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**Special Calibration Programs**

**NIC3 Specific Calibration Programs: Campaign January’98**

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<tr>
<th>ID</th>
<th>Proposal Title</th>
<th>Frequency</th>
<th>Estimated Time (orbits)</th>
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<th>Products</th>
<th>Comments</th>
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<tbody>
<tr>
<td>7813</td>
<td>NIC3 HDF Darks</td>
<td>continuous</td>
<td>83</td>
<td>0.00</td>
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<td>Darks for HDF Observations</td>
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<tr>
<td>ID</td>
<td>Proposal Title</td>
<td>Frequency</td>
<td>Estimated Time (orbits)</td>
<td>Required Resources (FTE)</td>
<td>Products</td>
<td>Accuracy</td>
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<td>“Internal”</td>
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<tr>
<td>7815</td>
<td>NIC3 Earth Flats</td>
<td>continuous</td>
<td>8</td>
<td>30</td>
<td>CDBS</td>
<td>5%</td>
</tr>
<tr>
<td>7814</td>
<td>NIC3 Lamp Flats</td>
<td>1</td>
<td>1</td>
<td>0.15</td>
<td>CDBS</td>
<td>1%</td>
</tr>
<tr>
<td>7816</td>
<td>NIC3 Photometric Zero Point</td>
<td>1</td>
<td>10</td>
<td>0.20</td>
<td>Synphot</td>
<td>5-10%</td>
</tr>
<tr>
<td>7693</td>
<td>Pupil Transfer Function</td>
<td>1</td>
<td>2</td>
<td>0.10</td>
<td>ISR</td>
<td>0.1%</td>
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<tr>
<td>7695</td>
<td>GRISM Wavelength Calibration</td>
<td>1</td>
<td>2</td>
<td>0.10</td>
<td>CDBS</td>
<td>0.01 µm</td>
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<tr>
<td>7696</td>
<td>GRISM Absolute Sensitivity</td>
<td>1</td>
<td>4</td>
<td>0.20</td>
<td>CDBS</td>
<td>20-30%</td>
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**Closure Special Calibration Programs: Support Cycle 7 Science Observations**

<table>
<thead>
<tr>
<th>ID</th>
<th>Proposal Title</th>
<th>Frequency</th>
<th>Estimated Time (orbits)</th>
<th>Required Resources (FTE)</th>
<th>Products</th>
<th>Accuracy</th>
<th>Comments</th>
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<tbody>
<tr>
<td>7938</td>
<td>FOM-focus Test</td>
<td>1</td>
<td>3</td>
<td>0.05</td>
<td>ISR</td>
<td>NIC3 improvement in focus</td>
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<tr>
<td>7689</td>
<td>NIC2 Narrow-band Flats</td>
<td>1</td>
<td>5</td>
<td>0.10</td>
<td>CDBS</td>
<td>1%</td>
<td>Flats for NIC2 narrow-band filters</td>
</tr>
<tr>
<td>7956</td>
<td>NIC1 Narrow-band Flats</td>
<td>1</td>
<td>10</td>
<td>0.10</td>
<td>CDBS</td>
<td>1%</td>
<td>Flats for NIC1 narrow-band filters</td>
</tr>
<tr>
<td>7957</td>
<td>Lamp Flats II</td>
<td>1</td>
<td>6 + (6)</td>
<td>0.15</td>
<td>CDBS</td>
<td>1%</td>
<td>repeat subset of 7690; + (NIC3)</td>
</tr>
<tr>
<td>7958</td>
<td>Polarizers II</td>
<td>1</td>
<td>2</td>
<td>0.10</td>
<td>ISR</td>
<td>repeat subset of 7692</td>
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<tr>
<td>7959</td>
<td>GRISM calibration II</td>
<td>1</td>
<td>4</td>
<td>0.20</td>
<td>ISR</td>
<td>repeat 7696 (2nd NIC3 campaign)</td>
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<tr>
<td>7960</td>
<td>Persistence test</td>
<td>1</td>
<td>6</td>
<td>0.15</td>
<td>CR- and star- induced persistence</td>
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</tr>
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**Closure Special Calibration Programs: “Cycle 9” Oriented (T > 62.7 K)**

<table>
<thead>
<tr>
<th>ID</th>
<th>Proposal Title</th>
<th>Frequency</th>
<th>Estimated Time (orbits)</th>
<th>Required Resources (FTE)</th>
<th>Comments</th>
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</thead>
<tbody>
<tr>
<td>7961</td>
<td>Flats: Warming up</td>
<td>5</td>
<td>5</td>
<td>0.10</td>
<td>Grot and sensitivity</td>
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<tr>
<td>7962</td>
<td>Focus: Warming up</td>
<td>3</td>
<td>3</td>
<td>0.10</td>
<td>Camera motions</td>
</tr>
<tr>
<td>7963</td>
<td>Darks: Warming up</td>
<td>continuous</td>
<td>20</td>
<td>0.10</td>
<td>Darks as dewar temp. rises</td>
</tr>
</tbody>
</table>

**TOTAL TIME (including all executions)**

- 276 + (6) 640 - (128) 6.45 - (0.50)