

# LRIS ADC Full Aperture-Core Project

| ID | Task Name                      | Cost Code     | Duration           | Work             | Start              | Finish              | Half 2, 2004 |   |   |   |   |   |   | Half 1, 2005 |   |   |   |   | Half 2, 2005 |   |   |   |   |   |   |   |  |
|----|--------------------------------|---------------|--------------------|------------------|--------------------|---------------------|--------------|---|---|---|---|---|---|--------------|---|---|---|---|--------------|---|---|---|---|---|---|---|--|
|    |                                |               |                    |                  |                    |                     | M            | J | J | A | S | O | N | D            | J | F | M | A | M            | J | J | A | S | O | N | D |  |
| 1  | <b>Optics</b>                  |               | <b>290 days</b>    | <b>1,400 hrs</b> | <b>Fri 5/28/04</b> | <b>Mon 7/18/05</b>  |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 2  | <b>Optical Design Analysis</b> |               | <b>30 days</b>     | <b>240 hrs</b>   | <b>Mon 3/14/05</b> | <b>Fri 4/22/05</b>  |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 3  | Optical Testing Analysis       | KADCOD        | 6 wks              | 240 hrs          | Mon 3/14/05        | Fri 4/22/05         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 4  | <b>Optical Fabrication</b>     |               | <b>290 days</b>    | <b>1,160 hrs</b> | <b>Fri 5/28/04</b> | <b>Mon 7/18/05</b>  |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 5  | Optical Fabrication            | KADCOF        | 40 wks             | 480 hrs          | Fri 5/28/04        | Fri 3/11/05         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 6  | Optical Acceptance Testing     | KADCOD        | 6 wks              | 200 hrs          | Mon 3/14/05        | Fri 4/22/05         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 7  | <b>Optical Coatings</b>        | <b>KADCOC</b> | <b>60 days</b>     | <b>480 hrs</b>   | <b>Mon 4/25/05</b> | <b>Mon 7/18/05</b>  |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 8  | MgF coating                    |               | 15 days            | 0 hrs            | Mon 4/25/05        | Fri 5/13/05         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 9  | Solgel coating                 |               | 30 days            | 0 hrs            | Mon 5/16/05        | Fri 6/24/05         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 10 | Hydrophobic coating            |               | 15 days            | 0 hrs            | Mon 6/27/05        | Mon 7/18/05         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 11 | <b>Electronics</b>             |               | <b>116.9 days?</b> | <b>800 hrs</b>   | <b>Fri 6/18/04</b> | <b>Mon 11/29/04</b> |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 12 | <b>Electronics Fab</b>         |               | <b>116.9 days?</b> | <b>800 hrs</b>   | <b>Fri 6/18/04</b> | <b>Mon 11/29/04</b> |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 13 | Electronics Ordering           |               | 32.14 days?        | 180 hrs          | Fri 6/18/04        | Tue 8/3/04          |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 14 | Electronic mountings           | KADCEF        | 2.67 wks           | 160 hrs          | Tue 8/3/04         | Fri 8/20/04         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 15 | New boards                     | KADCEF        | 10 days?           | 80 hrs           | Fri 8/20/04        | Fri 9/3/04          |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 16 | General wiring                 | KADCEF        | 3 wks              | 120 hrs          | Fri 9/3/04         | Fri 9/24/04         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 17 | Documentation                  | KADCEF        | 25 days?           | 140 hrs          | Fri 9/24/04        | Fri 10/29/04        |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 18 | Test and Troubleshoot          | KADCEF        | 21.43 days?        | 120 hrs          | Fri 10/29/04       | Mon 11/29/04        |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 19 | <b>Software</b>                |               | <b>181.14 days</b> | <b>255 hrs</b>   | <b>Tue 6/15/04</b> | <b>Thu 3/3/05</b>   |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 20 | Software devel                 | KADCSF        | 5.38 wks           | 215 hrs          | Tue 6/15/04        | Tue 7/27/04         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 21 | Software-Slitmask Design Mods  | KADCSS        | 7.14 days          | 40 hrs           | Tue 2/22/05        | Thu 3/3/05          |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 22 | <b>Mechanical Fabrication</b>  |               | <b>99.64 days?</b> | <b>1,149 hrs</b> | <b>Fri 6/18/04</b> | <b>Thu 11/4/04</b>  |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 23 | ME-Fabrication supervision     | KADCME        | 520 hrs            | 156 hrs          | Fri 6/18/04        | Thu 9/16/04         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 24 | order bought parts             | KADCMF        | 30 days            | 0 hrs            | Fri 6/18/04        | Thu 7/29/04         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 25 | Frame Assembly                 | KADCMF        | 43.75 days?        | 245 hrs          | Fri 6/18/04        | Wed 8/18/04         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 26 | Ball Screw Assembly            | KADCMF        | 4.82 days?         | 27 hrs           | Wed 8/18/04        | Wed 8/25/04         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 27 | Motor/Gear Box                 | KADCMF        | 2.68 days?         | 15 hrs           | Wed 8/25/04        | Mon 8/30/04         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 28 | Cladding                       | KADCMF        | 5.89 days?         | 33 hrs           | Mon 8/30/04        | Tue 9/7/04          |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 29 | Cell Assembly                  | KADCMF        | 40.54 days?        | 227 hrs          | Tue 9/7/04         | Tue 11/2/04         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 30 | Fiducal assembly               | KADCMF        | 1.43 days?         | 8 hrs            | Fri 7/16/04        | Mon 7/19/04         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 31 | Jack Stand                     | KADCMF        | 39.46 days?        | 221 hrs          | Mon 7/19/04        | Fri 9/10/04         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 32 | Test stand                     | KADCMF        | 4.29 days?         | 24 hrs           | Fri 9/10/04        | Fri 9/17/04         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 33 | Handling fixture               | KADCMF        | 4.82 days?         | 27 hrs           | Fri 9/17/04        | Thu 9/23/04         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |
| 34 | Dummy Prisms                   | KADCMF        | 2.86 days?         | 16 hrs           | Fri 9/24/04        | Tue 9/28/04         |              |   |   |   |   |   |   |              |   |   |   |   |              |   |   |   |   |   |   |   |  |

