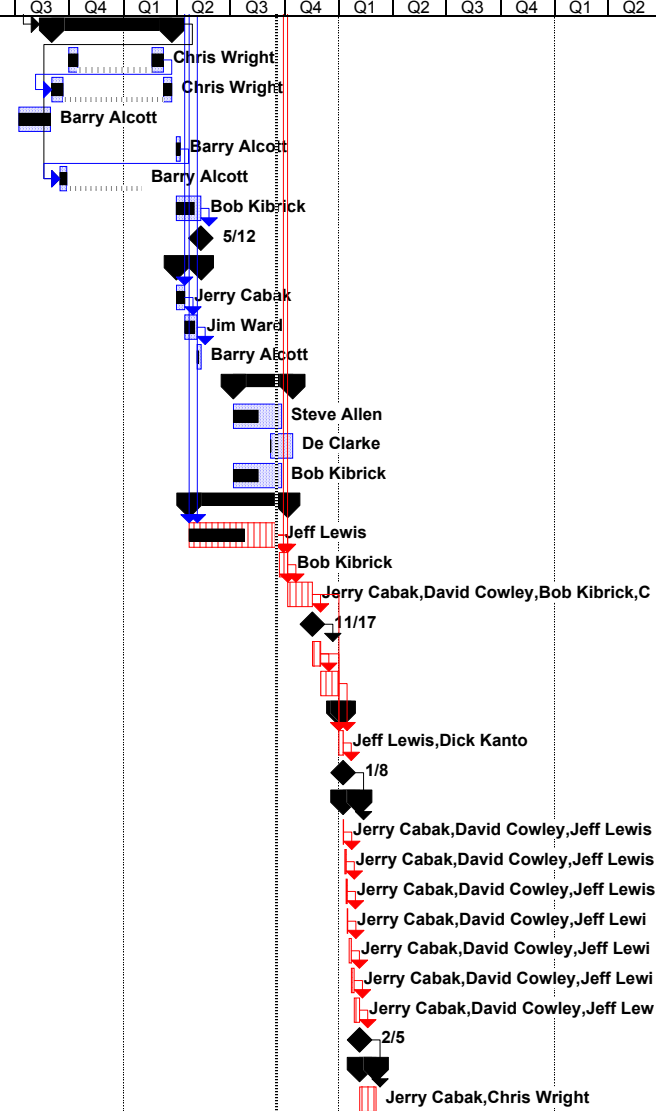


All Tasks





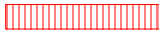









HIRES Dewar/Detector Upgrade

Tue 9/16/03

| ID | Task Name | Duration | Remaining Duration | Start | Finish | % Complete | 2002 | | 2003 | | | | 2004 | | | | 2005 | |
|----|---------------------------------------|--------------------|--------------------|--------------------|---------------------|-------------|------|----|------|----|----|----|------|----|----|----|------|----|
| | | | | | | | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 44 | Electronic design | 135.75 days | 0 days | Mon 9/2/02 | Mon 3/24/03 | 100% | | | | | | | | | | | | |
| 45 | CCD cable board | 5 wks | 0 wks | Tue 10/1/02 | Mon 3/10/03 | 100% | | | | | | | | | | | | |
| 46 | CCD cabling | 5 wks | 0 wks | Mon 9/2/02 | Mon 3/24/03 | 100% | | | | | | | | | | | | |
| 47 | order parts | 8 wks | 0 wks | Mon 7/8/02 | Fri 8/30/02 | 100% | | | | | | | | | | | | |
| 48 | test cables and video boards | 1 wk | 0 wks | Tue 4/1/03 | Mon 4/7/03 | 100% | | | | | | | | | | | | |
| 49 | electronic fabricaton | 1.95 wks | 0 wks | Mon 9/16/02 | Fri 1/31/03 | 100% | | | | | | | | | | | | |
| 50 | software | 240 hrs | 60 hrs | Tue 4/1/03 | Mon 5/12/03 | 75% | | | | | | | | | | | | |
| 51 | CCD controller complete | 0 days | 0 days | Mon 5/12/03 | Mon 5/12/03 | 100% | | | | | | | | | | | | |
| 52 | CCD controller foot locker | 30 days | 4.75 days | Tue 4/1/03 | Tue 5/13/03 | 84% | | | | | | | | | | | | |
| 53 | mechanical design | 80 hrs | 0 hrs | Tue 4/1/03 | Tue 4/15/03 | 100% | | | | | | | | | | | | |
| 54 | mechanical fabricaton | 120 hrs | 18 hrs | Tue 4/15/03 | Tue 5/6/03 | 85% | | | | | | | | | | | | |
| 55 | electronic fabrication | 40 hrs | 20 hrs | Tue 5/6/03 | Tue 5/13/03 | 50% | | | | | | | | | | | | |
| 56 | Hires SW Upgrades | 72.5 days | 42.87 days | Mon 7/7/03 | Wed 10/15/03 | 41% | | | | | | | | | | | | |
| 57 | Steve Allen | 480 hrs | 240 hrs | Mon 7/7/03 | Fri 9/26/03 | 50% | | | | | | | | | | | | |
| 58 | D Clarke | 220 hrs | 217.8 hrs | Mon 9/8/03 | Wed 10/15/03 | 1% | | | | | | | | | | | | |
| 59 | Bob Kibrick | 480 hrs | 240 hrs | Mon 7/7/03 | Fri 9/26/03 | 50% | | | | | | | | | | | | |
| 60 | Assembly and test | 119 days | 48.44 days | Wed 4/23/03 | Mon 10/6/03 | 59% | | | | | | | | | | | | |
| 61 | Assembly and test | 20.8 wks | 7.28 wks | Wed 4/23/03 | Mon 9/15/03 | 65% | | | | | | | | | | | | |
| 62 | characterization | 10 days | 10 days | Tue 9/23/03 | Mon 10/6/03 | 0% | | | | | | | | | | | | |
| 63 | Pre Ship Review workup | 6 wks | 6 wks | Tue 10/7/03 | Mon 11/17/03 | 0% | | | | | | | | | | | | |
| 64 | Preship review | 0 days | 0 days | Mon 11/17/03 | Mon 11/17/03 | 0% | | | | | | | | | | | | |
| 65 | Post PSR | 2 wks | 2 wks | Tue 11/18/03 | Mon 12/1/03 | 0% | | | | | | | | | | | | |
| 66 | FLOAT | 23 days | 23 days | Tue 12/2/03 | Thu 1/1/04 | 0% | | | | | | | | | | | | |
| 67 | Pack and Ship | 5 days | 5 days | Fri 1/2/04 | Thu 1/8/04 | 0% | | | | | | | | | | | | |
| 68 | P&S | 1 wk | 1 wk | Fri 1/2/04 | Thu 1/8/04 | 0% | | | | | | | | | | | | |
| 69 | Ship date | 0 days | 0 days | Thu 1/8/04 | Thu 1/8/04 | 0% | | | | | | | | | | | | |
| 70 | Commissioning | 20 days | 20 days | Fri 1/9/04 | Thu 2/5/04 | 0% | | | | | | | | | | | | |
| 71 | unpack and organize | 1 day | 1 day | Fri 1/9/04 | Fri 1/9/04 | 0% | | | | | | | | | | | | |
| 72 | remove existing dewar and foot locker | 2 days | 2 days | Mon 1/12/04 | Tue 1/13/04 | 0% | | | | | | | | | | | | |
| 73 | Install new dewar | 2 days | 2 days | Wed 1/14/04 | Thu 1/15/04 | 0% | | | | | | | | | | | | |
| 74 | install footlocker | 1 day | 1 day | Fri 1/16/04 | Fri 1/16/04 | 0% | | | | | | | | | | | | |
| 75 | mechanical and electrical connections | 4 days | 4 days | Mon 1/19/04 | Thu 1/22/04 | 0% | | | | | | | | | | | | |
| 76 | alignment | 3 days | 3 days | Fri 1/23/04 | Tue 1/27/04 | 0% | | | | | | | | | | | | |
| 77 | testing | 7 days | 7 days | Wed 1/28/04 | Thu 2/5/04 | 0% | | | | | | | | | | | | |
| 78 | Ready for first light | 0 days | 0 days | Thu 2/5/04 | Thu 2/5/04 | 0% | | | | | | | | | | | | |
| 79 | Documentation | 20 days | 20 days | Fri 2/6/04 | Thu 3/4/04 | 0% | | | | | | | | | | | | |
| 80 | completion of documentaiton | 4 wks | 4 wks | Fri 2/6/04 | Thu 3/4/04 | 0% | | | | | | | | | | | | |



Project: HIRES-3 chips
Date: Tue 9/16/03

| | | | | | | | |
|---------------|---|-------------------------|--|--------------------|---|--------------------|---|
| Task |  | Summary |  | Rolled Up Progress |  | External Milestone |  |
| Critical Task |  | Rolled Up Task |  | Split |  | Deadline |  |
| Progress |  | Rolled Up Critical Task |  | External Tasks |  | | |
| Milestone |  | Rolled Up Milestone |  | Project Summary |  | | |