

| Activity ID | Activity Description | Orig Dur | Total Float | Resource ID | Budgeted Cost | Predecessors | Fiscal Year | | | | | |
|--|--|----------|-------------|--------------------|---------------|---|-------------|--|------|------|------|--|
| | | | | | | | FY08 | FY09 | FY10 | FY11 | FY12 | |
| 1.5 DIAGNOSTICS & COMMON OPTICS | | | | | | | | | | | | |
| 01 Management / Administration | | | | | | | | | | | | |
| DI 00110 | COMP: DCO Design Ready for XPP FIDR | 0 | 148 | | 0.00 | DI 01560, DI 02300, DI 03040*, DI 06640, DI 07540 | | ◆ COMP: DCO Design Ready for XPP FIDR | | | | |
| DI 00112 | COMP: DCO Design Ready for CXI FIDR | 0 | 274 | | 0.00 | DI 01560, DI 02300, DI 03040, DI 06060*, DI 06640, DI 07540 | | ◆ COMP: DCO Design Ready for CXI FIDR | | | | |
| DI 00114 | COMP: DCO Design Ready for XCS FIDR | 0 | 278 | | 0.00 | DI 01560, DI 02300, DI 03040, DI 06980, DI 07540, DI 07920*, DI 60500 | | ◆ COMP: DCO Design Ready for XCS FIDR | | | | |
| DI 00120 | COMP: Dia & Common Optics Final Design | 0 | 199 | | 0.00 | DI 01630, DI 02380, DI 03120, DI 06160, DI 06780, DI 07080, DI 07680, DI 08000* | | ◆ COMP: Dia & Common Optics Final Design | | | | |
| DI 00150 | COMP: Diagnostics & Common Optics CD-4a RFI | 0 | 129 | | 0.00 | DI 00120, DI 02120, DI 02860*, DI 03600, DI 12445, DI 13240 | | ◆ COMP: Diagnostics & Common Optics CD-4a RFI | | | | |
| DI 00160 | COMP: Diagnostics & Common Optics CD-4b RFI | 0 | 218 | | 0.00 | DI 10840, DI 11160, DI 11200*, DI 11480, DI 12505, DI 12780, DI 16170 | | ◆ COMP: Diagnostics & Common Optics CD-4b RFI | | | | |
| DI 00170 | COMP: Diagnostics & Common Optics CD-4c RFI | 0 | 173 | | 0.00 | DI 09840, DI 10180, DI 10520, DI 12460, DI 13520, DI 13840, DI 14160, DI 14480* | | COMP: Diagnostics & Common Optics CD-4c RFI ◆ | | | | |
| 1.5.01 Diagnostics & Common Optics System Integration & | | | | | | | | | | | | |
| 02 Design / Engineering | | | | | | | | | | | | |
| 9100431 Diag Common Optics Physics Supt & Eng | | | | | | | | | | | | |
| DI 01040 | START: Diagnostics | 0 | | | 0.00 | PM 02000 | ▶ | START: Diagnostics | | | | |
| DI 01060 | Diagnostic Physics Support FY07 | 19 | | | 0.00 | DI 01040 | ▬ | Diagnostic Physics Support FY07 | | | | |
| DI 01080 | Diagnostic Physics Support FY08-Q1 & Q2 | 121 | | HIST_LBR, HIST_M&S | 126,973.00 | DI 01060 | ▬ | Diagnostic Physics Support FY08-Q1 & Q2 | | | | |
| 9100481 Diag Specs, Design & Engr | | | | | | | | | | | | |
| DI 01170 | Engineering Integration & Support FY07 | 19 | | | 0.00 | DI 01040 | ▬ | Engineering Integration & Support FY07 | | | | |
| DI 01180 | Engineering Integration & Support FY08-Q1 & Q2 | 121 | | HIST_LBR, HIST_M&S | 32,700.00 | DI 01170 | ▬ | Engineering Integration & Support FY08-Q1 & Q2 | | | | |
| 9100664 Design & Engr - Diag Common Optics | | | | | | | | | | | | |
| DI 01280 | DIA & Optics Sys Integ & Design FY08-Q1 & Q2 | 121 | | HIST_LBR | 352.00 | DI 01170 | ▬ | DIA & Optics Sys Integ & Design FY08-Q1 & Q2 | | | | |
| DI 01330 | DIA & Optics Project Related Travel FY08-Q1 & Q2 | 121 | | | 0.00 | DI 01170 | ▬ | DIA & Optics Project Related Travel FY08-Q1 & Q2 | | | | |
| DI 01380 | DIA & Optics Lab Supplies FY08-Q1 & Q2 | 121 | | | 0.00 | DI 01170 | ▬ | DIA & Optics Lab Supplies FY08-Q1 & Q2 | | | | |
| 9110511 Design & Engr - Diag & Common Optics | | | | | | | | | | | | |
| DI 01085 | Diagnostic Physics Support FY08-Q3 & Q4 | 131 | 130 | SL_PHSS | 116,500.76 | DI 01080 | ▬ | Diagnostic Physics Support FY08-Q3 & Q4 | | | | |
| DI 01100 | Diagnostic Physics Support FY09 | 249 | 130 | SL_PHSS | 130,117.44 | DI 01080, DI 01085* | ▬ | Diagnostic Physics Support FY09 | | | | |
| DI 01120 | Diagnostic Physics Support FY10 | 249 | 130 | SL_PHSS | 135,326.52 | DI 01100* | ▬ | Diagnostic Physics Support FY10 | | | | |
| DI 01140 | Diagnostic Physics Support FY11 | 249 | 130 | SL_PHSS | 70,367.40 | DI 01120* | ▬ | Diagnostic Physics Support FY11 | | | | |
| DI 01160 | Diagnostic Physics Support FY12 | 116 | 130 | SL_PHSS | 34,094.72 | DI 01140* | ▬ | Diagnostic Physics Support FY12 | | | | |
| DI 01185 | Engineering Integration & Support FY08-Q3 & Q4 | 131 | 130 | SL_MEE | 111,565.44 | DI 01180 | ▬ | Engineering Integration & Support FY08-Q3 & Q4 | | | | |
| DI 01190 | Engineering Integration & Support FY09 | 249 | 130 | SL_MEE | 114,649.56 | DI 01180, DI 01185* | ▬ | Engineering Integration & Support FY09 | | | | |
| DI 01200 | Engineering Integration & Support FY10 | 249 | 130 | SL_MEE | 89,430.84 | DI 01190* | ▬ | Engineering Integration & Support FY10 | | | | |
| DI 01210 | Engineering Integration & Support FY11 | 249 | 130 | SL_MEE | 93,008.97 | DI 01200* | ▬ | Engineering Integration & Support FY11 | | | | |
| DI 01220 | Engineering Integration & Support FY12 | 116 | 130 | SL_MEE | 30,041.68 | DI 01160*, DI 01210* | ▬ | Engineering Integration & Support FY12 | | | | |

| Activity ID | Activity Description | Orig Dur | Total Float | Resource ID | Budgeted Cost | Predecessors | FY08 | | | | | | | | | | | | FY09 | | | | | | | | | | | | FY10 | | | | | | | | | | | | FY11 | | | | | | | | | | | | FY12 | | | | | | | | | | | |
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| DI 01285 | DIA & Optics Sys Integ & Design FY08-Q3 & Q4 | 131 | 130 | SL_ME | 27,434.02 | DI 01280 | DIA & Optics Sys Integ & Design FY08-Q3 & Q4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01290 | DIA & Optics System Integration & Design FY09 | 249 | 130 | SL_ME | 54,232.20 | DI 01280, DI 01285* | | | | | | | | | | | | | DIA & Optics System Integration & Design FY09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01300 | DIA & Optics System Integration & Design FY10 | 249 | 130 | SL_ME | 56,403.48 | DI 01290* | | | | | | | | | | | | | | | | | | | | | | | | | DIA & Optics System Integration & Design FY10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01310 | DIA & Optics System Integration & Design FY11 | 249 | 130 | SL_ME | 29,329.71 | DI 01300* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | DIA & Optics System Integration & Design FY11 | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01320 | DIA & Optics System Integration & Design FY12 | 116 | 130 | SL_ME | 0.00 | DI 01220*, DI 01310* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | DIA & Optics System Integration & Design FY12 | | | | | | | | | | | |
| DI 01335 | DIA & Optic Project Related Travel FY08-Q3 & Q4 | 131 | 130 | SL_TRVL | 1,886.40 | DI 01330 | DIA & Optic Project Related Travel FY08-Q3 & Q4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01340 | DIA & Optics Project Related Travel FY09 | 249 | 130 | SL_TRVL | 12,300.00 | DI 01330, DI 01335* | | | | | | | | | | | | | DIA & Optics Project Related Travel FY09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01350 | DIA & Optics Project Related Travel FY10 | 249 | 130 | SL_TRVL | 16,380.00 | DI 01340* | | | | | | | | | | | | | | | | | | | | | | | | | DIA & Optics Project Related Travel FY10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01360 | DIA & Optics Project Related Travel FY11 | 249 | 130 | SL_TRVL | 12,800.00 | DI 01350* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | DIA & Optics Project Related Travel FY11 | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01370 | DIA & Optics Project Related Travel FY12 | 116 | 130 | SL_TRVL | 0.00 | DI 01320*, DI 01360* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | DIA & Optics Project Related Travel FY12 | | | | | | | | | | | |
| DI 01385 | DIA & Optics Lab Supplies FY08 Q3 & Q4 | 131 | 130 | SL_MSCS | 7,812.00 | DI 01380 | DIA & Optics Lab Supplies FY08 Q3 & Q4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01390 | DIA & Optics Lab Supplies FY09 | 249 | 130 | SL_MSCS | 10,657.20 | DI 01385* | | | | | | | | | | | | | DIA & Optics Lab Supplies FY09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01400 | DIA & Optics Lab Supplies FY10 | 249 | 130 | SL_MSCS | 10,856.40 | DI 01390* | | | | | | | | | | | | | | | | | | | | | | | | | DIA & Optics Lab Supplies FY10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01410 | DIA & Optics Lab Supplies FY11 | 249 | 130 | SL_MSCS | 5,577.60 | DI 01400* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | DIA & Optics Lab Supplies FY11 | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01420 | DIA & Optics Lab Supplies FY12 | 116 | 130 | SL_MSCS | 2,668.00 | DI 01370*, DI 01410* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | DIA & Optics Lab Supplies FY12 | | | | | | | | | | | |

1.5.02.01 Pop-in Profile/Wavefront Monitor

02 Design / Engineering

9110521 Design & Engr - Pop-in Profile Monitor

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| DI 01440 | START: Pop-In Profile Monitor (PM) | 0 | | | 0.00 | DI 01040 | ◆ START: Pop-In Profile Monitor (PM) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01460 | Generate PRD - Pop-In Profile Monitor | 70 | | | 0.00 | DI 01440 | ■ Generate PRD - Pop-In Profile Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01500 | Generate ESD - Pop-In PM | 30 | | | 0.00 | DI 01460 | ■ Generate ESD - Pop-In PM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01505 | Update PRD - Pop-in Profile Monitor | 10 | 199 | | 0.00 | DI 01500 | ■ Update PRD - Pop-in Profile Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01507 | COMP: PRD Released - Pop-In Profile Monitor | 0 | 199 | | 0.00 | DI 01505* | ◆ COMP: PRD Released - Pop-In Profile Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01510 | Update Engr Spec Doc - Pop-In PM | 20 | 199 | SL_MEE | 4,427.20 | DI 01507* | ■ Update Engr Spec Doc - Pop-In PM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01520 | COMP: ESD Released - Pop-In Profile Monitor | 0 | 199 | | 0.00 | DI 01510* | ◆ COMP: ESD Released - Pop-In Profile Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01540 | Prelim Design & Analysis - Pop-In PM | 60 | | | 0.00 | DI 01460 | ■ Prelim Design & Analysis - Pop-In PM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01550 | Update Preliminary Design & Analysis - Pop-In PM | 40 | 199 | SL_MDD, SL_MEE | 24,897.00 | DI 01520*, DI 01540 | ■ Update Preliminary Design & Analysis - Pop-In PM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01555 | Prep for PDR - Pop-in PM & Support | 10 | 199 | SL_MDD, SL_MEE | 5,257.00 | DI 01520, DI 01710* | ▲ Prep for PDR - Pop-in PM & Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01560 | PDR - Prelim Design Rev - Pop-In PM & Support | 1 | 199 | SL_MDD, SL_MEE | 774.64 | DI 01555* | ▲ PDR - Prelim Design Rev - Pop-In PM & Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01580 | Finalize Design - Pop-In PM | 40 | 156 | SL_MEE, SL_MDD | 14,960.40 | DI 01560, DI 03040* | ▲ Finalize Design - Pop-In PM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01600 | Generate Detail Piece Part Drawings - Pop-In PM | 50 | 156 | SL_MEE, SL_MDD | 10,932.20 | DI 01580* | ▲ Generate Detail Piece Part Drawings - Pop-In PM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01602 | Check & Release Dwgs - Pop-In PM | 30 | 156 | SL_MDD | 5,178.00 | DI 01600*, DI 01630 | ▲ Check & Release Dwgs - Pop-In PM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Description | Orig Dur | Total Float | Resource ID | Budgeted Cost | Predecessors | FY08 | | | | | | | | | | | | FY09 | | | | | | | | | | | | FY10 | | | | | | | | | | | | FY11 | | | | | | | | | | | | FY12 | | | | | | | | | | | |
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| DI 01603 | COMP: Piece Part Drawngs - Pop-In PM | 0 | 156 | | 0.00 | DI 01602* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01605 | Prep for FDR - Pop-In PM & Support | 15 | 160 | SL_MEE, SL_MDD | 4,603.10 | DI 01580*, DI 01720 | | | | | | | | | | | | | ▲▲ Prep for FDR - Pop-In PM & Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01620 | FDR - Final Design Rev - Pop-In PM & Support | 1 | 160 | SL_MEE, SL_MDD | 805.64 | DI 01605* | | | | | | | | | | | | | ✖ FDR - Final Design Rev - Pop-In PM & Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01630 | Incorp FDR Changes - PM | 20 | 160 | SL_MDD | 6,904.00 | DI 01620* | | | | | | | | | | | | | ▲▲ Incorp FDR Changes - PM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01640 | Detail, Check, Release Assy Drawings - Pop-In PM | 20 | 211 | SL_MDD | 3,452.00 | DI 01600* | | | | | | | | | | | | | ▲▲ Detail, Check, Release Assy Drawings - Pop-In PM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01650 | Generate Mfg Docs - Pop-In PM | 20 | 211 | SL_MEE | 9,208.80 | DI 01640*, DI 01740 | | | | | | | | | | | | | ▲▲ Generate Mfg Docs - Pop-In PM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01670 | Prep for Design Status Review - PM | 10 | 211 | SL_MEE, SL_MDD | 5,467.40 | DI 01650* | | | | | | | | | | | | | ▲▲ Prep for Design Status Review - PM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01680 | Design Status Review - PM | 1 | 211 | SL_MEE, SL_MDD | 805.64 | DI 01670* | | | | | | | | | | | | | ✖ Design Status Review - PM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01690 | COMP: Design Phase Complete - PM & Support | 0 | 211 | | 0.00 | DI 01680* | | | | | | | | | | | | | ◆ COMP: Design Phase Complete - PM & Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01710 | Prelim Design & Analysis - PM Support | 10 | 199 | SL_MDD, SL_MEE | 4,426.24 | DI 01550* | ▲▲ Prelim Design & Analysis - PM Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01720 | Finalize Design - PM support | 40 | 224 | SL_MDD, SL_MEE | 2,217.10 | DI 01560* | ▲▲ Finalize Design - PM support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01730 | Generate Detail Drawings - PM Support | 20 | 250 | SL_MDD, SL_MEE | 2,733.05 | DI 01720* | ▲▲ Generate Detail Drawings - PM Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01740 | Check & Release Dwgs - PM Support | 20 | 170 | SL_MDD | 1,294.50 | DI 01630*, DI 01730 | ▲▲ Check & Release Dwgs - PM Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01742 | COMP: Drawings -PM Support | 0 | 170 | | 0.00 | DI 01740* | ◆ COMP: Drawings -PM Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01745 | Generate PRD - Wavefront Monitor | 25 | 433 | | 0.00 | DI 01507* | ▲▲ Generate PRD - Wavefront Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01750 | COMP: PRD Released - Wavefront Monitor | 0 | 433 | | 0.00 | DI 01745* | ◆ COMP: PRD Released - Wavefront Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01755 | Generate ESD - Wavefront Monitor | 20 | 167 | SL_MEE | 4,604.40 | DI 01750, DI 03100* | ▲▲ Generate ESD - Wavefront Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01760 | COMP: ESD Released - Wavefront Monitor | 0 | 167 | | 0.00 | DI 01755* | ◆ COMP: ESD Released - Wavefront Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01780 | Prelim Design & Analysis - Wavefront Monitor | 20 | 167 | SL_MEE, SL_MDD | 8,055.10 | DI 01755, DI 01760* | ▲▲ Prelim Design & Analysis - Wavefront Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01790 | Prep for PDR - Wavefront Monitor | 15 | 167 | SL_MDD, SL_MEE | 5,642.52 | DI 01780* | ▲▲ Prep for PDR - Wavefront Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01795 | PDR - Prelim Design Rev - Wavefront Monitor | 1 | 167 | SL_MEE, SL_MDD | 837.88 | DI 01790* | ✖ PDR - Prelim Design Rev - Wavefront Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01800 | Finalize Design - Wavefront Monitor | 20 | 167 | SL_MEE, SL_MDD | 4,787.20 | DI 01795* | ▲▲ Finalize Design - Wavefront Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01840 | Detail Piece Part Drawings - Wavefront Monitor | 30 | 167 | SL_MEE, SL_MDD | 5,684.70 | DI 01800* | ▲▲ Detail Piece Part Drawings - Wavefront Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01850 | Prep for FDR - Pop-In Wavefront | 15 | 192 | SL_MEE, SL_MDD | 4,787.20 | DI 01800* | ▲▲ Prep for FDR - Pop-In Wavefront | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01855 | FDR - Final Design Rev - Pop-In Wavefront | 1 | 167 | SL_MEE, SL_MDD | 837.88 | DI 01850, DI 01860* | ✖ FDR - Final Design Rev - Pop-In Wavefront | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01860 | Check & Release Dwgs - Wavefront Monitor | 20 | 167 | SL_MDD | 2,692.50 | DI 01840* | ▲▲ Check & Release Dwgs - Wavefront Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01880 | Detail Assembly Drawings - Wavefront Monitor | 10 | 178 | SL_MDD | 1,436.00 | DI 01840* | ▲▲ Detail Assembly Drawings - Wavefront Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01900 | COMP: Final Design & Detail Dwgs - Wavefront | 0 | 167 | | 0.00 | DI 01855*, DI 01860, DI 01880 | ◆ COMP: Final Design & Detail Dwgs - Wavefront | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03 Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9110522 Procurement - Pop-in Profile Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01920 | Procurement Preps - XPP PM Parts, 3 Units | 15 | 156 | | 0.00 | DI 01603*, DI 01742, PM300100 | ▲▲ Procurement Preps - XPP PM Parts, 3 Units | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 01940 | AWARD: PO - XPP PM Parts | 1 | 156 | AWARD | 68,519.59 | DI 01920*, PM003000 | ✖ AWARD: PO - XPP PM Parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Description | Orig Dur | Total Float | Resource ID | Budgeted Cost | Predecessors | FY08 | | | | | | | | | | | | FY09 | | | | | | | | | | | | FY10 | | | | | | | | | | | | FY11 | | | | | | | | | | | | FY12 | | | | | | | | | | | |
|---|--|----------|-------------|----------------|---------------|--|--|--|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|
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| DI 13420 | Clean - all XCS PM Parts | 10 | 143 | SL_MFPC | 3,923.88 | DI 13400* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Clean - all XCS PM Parts | | | | | | | | | | | | | | | | | | | | | | | |
| DI 13440 | In-House Assembly - XCS PM Parts | 30 | 143 | SL_MF, SL_AT | 14,360.10 | DI 13420* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | In-House Assembly - XCS PM Parts | | | | | | | | | | | | | | | | | | | | | | | |
| DI 13445 | Inspect & Fiducialize - XCS PM | 10 | 143 | SL_MES | 1,790.20 | DI 13440* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Inspect & Fiducialize - XCS PM | | | | | | | | | | | | | | | | | | | | | | | |
| DI 13480 | Vacuum Process - XCS PM Parts | 10 | 143 | SL_AT | 4,184.80 | DI 13445* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Vacuum Process - XCS PM Parts | | | | | | | | | | | | | | | | | | | | | | | |
| 06 Testing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9110524 Testing - Pop-in Profile Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02100 | REQD: XPP PM Controls HW/SW | 0 | 119 | | 0.00 | CD 03060*, CD 03080* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | REQD: XPP PM Controls HW/SW | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02105 | Testing - XPP PM 1st Article | 30 | 119 | SL_AT, SL_CT | 2,140.16 | DI 02090, DI 02100* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Testing - XPP PM 1st Article | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02120 | AVAIL: XPP PM 1st Article Ready for Installation | 0 | 119 | | 0.00 | DI 02105* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | AVAIL: XPP PM 1st Article Ready for Installation | | | | | | | | | | | | | | | | | | | | | | | |
| DI 10805 | REQD: CXI PM Controls HW/SW | 0 | 193 | | 0.00 | CD 09970*, CD 09975* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | REQD: CXI PM Controls HW/SW | | | | | | | | | | | | | | | | | | | | | | | |
| DI 10820 | Testing - CXI PM | 30 | 133 | SL_CT, SL_AT | 2,140.16 | DI 10800*, DI 10805 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Testing - CXI PM | | | | | | | | | | | | | | | | | | | | | | | |
| DI 10840 | AVAIL: CXI PM Ready for Installation | 0 | 133 | | 0.00 | DI 10820* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | AVAIL: CXI PM Ready for Installation | | | | | | | | | | | | | | | | | | | | | | | |
| DI 11100 | REQD: CXI Wavefront Monitor Controls HW/SW | 0 | 245 | | 0.00 | CD 09970*, CD 09975* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | REQD: CXI Wavefront Monitor Controls HW/SW | | | | | | | | | | | | | | | | | | | | | | | |
| DI 11180 | Testing - CXI Wavefront Monitor | 30 | 167 | SL_CT, SL_AT | 2,140.16 | DI 11020*, DI 11100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Testing - CXI Wavefront Monitor | | | | | | | | | | | | | | | | | | | | | | | |
| DI 11200 | AVAIL: CXI Wavefront Monitor | 0 | 167 | | 0.00 | DI 11180* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | AVAIL: CXI Wavefront Monitor | | | | | | | | | | | | | | | | | | | | | | | |
| DI 13485 | REQD: XCS PM Controls HW/SW | 0 | 98 | | 0.00 | CD 14540*, CD 14560*, CD 19255, CD 19260 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | REQD: XCS PM Controls HW/SW | | | | | | | | | | | | | | | | | | | | | | | |
| DI 13500 | Testing - XCS PM | 30 | 98 | SL_AT, SL_CT | 2,225.84 | DI 13480, DI 13485* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Testing - XCS PM | | | | | | | | | | | | | | | | | | | | | | | |
| DI 13520 | AVAIL: XCS PM Ready for Installation | 0 | 98 | | 0.00 | DI 13500* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | AVAIL: XCS PM Ready for Installation | | | | | | | | | | | | | | | | | | | | | | | |
| 1.5.02.02 Pop-In Intensity Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02 Design / Engineering | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9110525 Design & Engr - Pop-In Intensity Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02160 | START: Pop-In Intensity Monitor (IO) | 0 | | | 0.00 | DI 01040 | START: Pop-In Intensity Monitor (IO) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02180 | Generate PRD - IO Monitor | 95 | | | 0.00 | DI 02160 | Generate PRD - IO Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02200 | COMP: PRD Released - Pop-In Intensity Monitor | 0 | | | 0.00 | DI 02180 | COMP: PRD Released - Pop-In Intensity Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02220 | Generate ESD - IO Monitor | 20 | 211 | SL_MEE | 4,427.20 | DI 02200 | Generate ESD - IO Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02240 | COMP: ESD Released - IO | 0 | 211 | | 0.00 | DI 02220* | COMP: ESD Released - IO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02260 | Prelim Design & Analysis - IO Monitor | 40 | 183 | SL_MDD, SL_MEE | 24,901.20 | DI 02220 | Prelim Design & Analysis - IO Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02285 | Prep for PDR - IO Monitor | 10 | 183 | SL_MDD, SL_MEE | 5,257.00 | DI 02240, DI 02450* | Prep for PDR - IO Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02300 | PDR - Prelim Design Review - IO Pop-In Monitor | 1 | 183 | SL_MDD, SL_MEE | 774.64 | DI 01560, DI 02285* | PDR - Prelim Design Review - IO Pop-In Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02320 | Finalize Design - IO Pop-In Monitor | 50 | 84 | SL_MDD, SL_MEE | 14,960.40 | DI 02300, DI 03100* | Finalize Design - IO Pop-In Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02340 | Detail Piece Part Drawings - IO Pop-In Monitor | 50 | 84 | SL_MDD | 7,767.00 | DI 02320* | Detail Piece Part Drawings - IO Pop-In Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02342 | Check & Release Dwgs - IO Pop-In Monitor | 20 | 84 | SL_MDD | 3,883.50 | DI 02340*, DI 02380 | Check & Release Dwgs - IO Pop-In Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02343 | COMP: Part Drawings - IO Pop-In Mon & Support | 1 | 84 | | 0.00 | DI 02342*, DI 02480 | COMP: Part Drawings - IO Pop-In Mon & Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Description | Orig Dur | Total Float | Resource ID | Budgeted Cost | Predecessors | FY08 | | | | | FY09 | | | | | FY10 | | | | | FY11 | | | | | FY12 | | | | |
|-------------|---|----------|-------------|----------------|---------------|---------------------|------|--|--|--|--|------|--|--|--|--|------|--|--|--|--|------|--|--|--|--|------|--|--|--|--|
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| DI 02345 | Prep for FDR - IO Pop-In Monitor | 10 | 93 | SL_MEE, SL_MDD | 5,467.40 | DI 02320*, DI 02460 | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02360 | FDR - Final Design Review - IO Pop-In Monitor | 1 | 93 | SL_MEE, SL_MDD | 805.64 | DI 02345* | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02380 | Incorp FDR Changes - IO Pop-In Monitor | 20 | 93 | SL_MEE | 9,208.80 | DI 02360* | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02400 | Detail Assembly Drawings - IO Pop-In Monitor | 10 | 165 | SL_MDD | 2,761.60 | DI 02340* | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02440 | Generate Mfg Docs - IO Pop-In Mon | 30 | 165 | SL_MEE | 9,208.80 | DI 02400* | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02450 | Prelim Design & Analysis - IO Mon Support | 20 | 183 | SL_MDD, SL_MEE | 4,426.24 | DI 02260* | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02460 | Finalize Design - IO Monitor support | 20 | 222 | SL_MDD, SL_MEE | 2,213.12 | DI 02300* | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02470 | Detail Piece Part Drawings - IO Monitor Support | 20 | 233 | SL_MDD, SL_MEE | 2,729.37 | DI 02460* | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02480 | Check & Release Dwgs - IO Monitor Support | 20 | 93 | SL_MDD | 1,294.50 | DI 02380*, DI 02470 | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02550 | Prep for Design Status Review - IO Monitor | 15 | 165 | SL_MD, SL_MEE | 5,520.50 | DI 02440* | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02560 | Design Status Review - IO Monitor | 1 | 165 | SL_MEE, SL_MD | 826.88 | DI 02550* | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 02570 | COMP: Design Phase Complete - IO | 0 | 165 | | 0.00 | DI 02560* | | | | | | | | | | | | | | | | | | | | | | | | | |

03 Procurement

9110526 Procurement - Pop-In Intensity Monitor

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|----------|---|-----|-----|---------|-----------|-------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| DI 02580 | Procurement Preps - XPP IO Mon 1st Art. Parts | 15 | 84 | | 0.00 | DI 02343*, PM300100 | | | | | | | | | | | | | | | | | | | | | | |
| DI 02600 | AWARD: PO - XPP IO Mon 1st Article Parts | 1 | 84 | AWARD | 37,738.90 | DI 02580*, PM003000 | | | | | | | | | | | | | | | | | | | | | | |
| DI 02620 | Vendor Fab - XPP IO Mon 1st Article Parts | 100 | 84 | SL_MSEQ | 38,444.30 | DI 02600* | | | | | | | | | | | | | | | | | | | | | | |
| DI 02640 | RCV: XPP IO Mon 1st Article Parts | 0 | 84 | | 0.00 | DI 02620* | | | | | | | | | | | | | | | | | | | | | | |
| DI 10940 | Procurement Preps - CXI IO Mon Parts | 15 | 255 | | 0.00 | DI 02570, PM300105* | | | | | | | | | | | | | | | | | | | | | | |
| DI 10960 | AWARD: PO - CXI IO Mon Parts | 1 | 210 | AWARD | 28,558.00 | DI 10940, PM003030* | | | | | | | | | | | | | | | | | | | | | | |
| DI 10980 | Vendor Fab - CXI IO Mon Parts | 60 | 210 | SL_MSEG | 28,558.00 | DI 10960* | | | | | | | | | | | | | | | | | | | | | | |
| DI 11000 | RCV: CXI IO Mon Parts | 0 | 210 | | 0.00 | DI 10980* | | | | | | | | | | | | | | | | | | | | | | |
| DI 13620 | Procurement Preps - XCS IO Mon Parts | 15 | 163 | | 0.00 | DI 02570, PM300110* | | | | | | | | | | | | | | | | | | | | | | |
| DI 13640 | AWARD: PO - XCS IO Mon Parts | 1 | 163 | AWARD | 72,856.00 | DI 13620*, PM003060, PM300110 | | | | | | | | | | | | | | | | | | | | | | |
| DI 13660 | Vendor Fab - XCS IO Mon Parts | 60 | 163 | SL_MSEQ | 72,856.00 | DI 13640* | | | | | | | | | | | | | | | | | | | | | | |
| DI 13680 | RCV: XCS IO Mon Parts | 0 | 163 | | 0.00 | DI 13660* | | | | | | | | | | | | | | | | | | | | | | |

05 Fab / Assembly

9110527 Fab & Assembly - Pop-In Intensity Monitor

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| DI 02760 | Inspect Procured Parts - XPP IO Mon 1st Article | 10 | 84 | SL_AT | 1,599.38 | DI 02570, DI 02640* | | | | | | | | | | | | | | | | | | | | | | |
| DI 02780 | Clean - all XPP IO Mon 1st Article Parts | 10 | 84 | SL_MFPC | 3,574.26 | DI 02760* | | | | | | | | | | | | | | | | | | | | | | |
| DI 02800 | In-House Assembly - XPP IO Mon 1st Article Parts | 30 | 84 | SL_MF, SL_AT | 7,927.32 | DI 02780* | | | | | | | | | | | | | | | | | | | | | | |
| DI 02810 | Inspect & Fiducialize - XPP IO 1st Article Parts | 10 | 84 | SL_MES | 1,721.20 | DI 02800* | | | | | | | | | | | | | | | | | | | | | | |
| DI 02820 | Vacuum Process - XPP IO Mon 1st Article Parts | 10 | 84 | SL_AT | 4,023.60 | DI 02810* | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Description | Orig Dur | Total Float | Resource ID | Budgeted Cost | Predecessors | FY08 | | | | | | | | | | | | FY09 | | | | | | | | | | | | FY10 | | | | | | | | | | | | FY11 | | | | | | | | | | | | FY12 | | | | | | | | | | | |
|--|--|----------|-------------|-----------------------|---------------|-------------------------------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|
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| DI 03080 | Detail Piece Part Drawings - IPM | 40 | 176 | SL_MDD, SL_MEE | 10,932.20 | DI 03060* | | | | | | | | | | | | | ▲ Detail Piece Part Drawings - IPM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03090 | Check & Release Dwgs - IPM | 10 | 170 | SL_MDD | 5,178.00 | DI 03080, DI 03120* | | | | | | | | | | | | | ▲ Check & Release Dwgs - IPM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03095 | Prep for FDR - IPM | 10 | 84 | SL_EE, SL_MDD, SL_MEE | 9,310.60 | DI 03060*, DI 03200 | | | | | | | | | | | | | ▲ Prep for FDR - IPM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03100 | FDR - Final Design Review - Int Position Monitor | 1 | 84 | SL_MEE, SL_MDD | 805.64 | DI 03095* | | | | | | | | | | | | | ▲ FDR - Final Design Review - Int Position Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03120 | Incorp FDR Changes - IPM | 20 | 160 | SL_MEE | 9,208.80 | DI 03100* | | | | | | | | | | | | | ▲ Incorp FDR Changes - IPM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03140 | Detail Assembly Drawings - IPM | 15 | 302 | SL_MDD | 3,452.00 | DI 03080* | | | | | | | | | | | | | ▲ Detail Assembly Drawings - IPM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03160 | COMP: Final Design & Detail Dwgs - IPM | 0 | 160 | | 0.00 | DI 03090, DI 03220* | | | | | | | | | | | | | ◆ COMP: Final Design & Detail Dwgs - IPM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03180 | Generate Mfg Docs - IPM | 20 | 291 | SL_MEE | 9,208.80 | DI 03140, DI 03160* | | | | | | | | | | | | | ▲ Generate Mfg Docs - IPM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03190 | Prelim Design & Analysis - IPM Support | 10 | 84 | SL_MEE, SL_MDD | 4,603.36 | DI 03000* | | | | | | | | | | | | | ▲ Prelim Design & Analysis - IPM Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03200 | Finalize Design - IPM support | 10 | 114 | SL_MDD, SL_MEE | 2,301.68 | DI 03040* | | | | | | | | | | | | | ▲ Finalize Design - IPM support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03210 | Detail Piece Part Drawings - IPM Support | 20 | 201 | SL_MDD, SL_MEE | 2,733.05 | DI 03200* | | | | | | | | | | | | | ▲ Detail Piece Part Drawings - IPM Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03220 | Check & Release Dwgs - IIPM Support | 20 | 160 | SL_MDD | 1,294.50 | DI 03120*, DI 03210 | | | | | | | | | | | | | ▲ Check & Release Dwgs - IIPM Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03290 | Prep for Design Status Review - IPM | 10 | 291 | SL_MEE, SL_MDD | 5,467.40 | DI 03180* | | | | | | | | | | | | | ▲ Prep for Design Status Review - IPM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03300 | Design Status Review - IPM | 1 | 291 | SL_MEE, SL_MDD | 805.64 | DI 03290* | | | | | | | | | | | | | ▲ Design Status Review - IPM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03310 | COMP: Design Phase Complete - IPM & Supports | 0 | 291 | | 0.00 | DI 03300* | | | | | | | | | | | | | ◆ COMP: Design Phase Complete - IPM & Supports | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03 Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9110530 Procurement - Intensity-Position Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03320 | Procurement Preps - XPP IPM 1st Art Prts | 15 | 160 | | 0.00 | DI 03160*, PM300100 | | | | | | | | | | | | | ▲ Procurement Preps - XPP IPM 1st Art Prts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03340 | AWARD: PO - XPP IPM 1st Article Parts | 1 | 160 | AWARD | 127,338.56 | DI 03320*, PM003000 | | | | | | | | | | | | | ▲ AWARD: PO - XPP IPM 1st Article Parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03360 | Vendor Fab - XPP IPM 1st Article Parts | 100 | 160 | SL_MSEQ | 127,338.56 | DI 03340* | | | | | | | | | | | | | ▲ Vendor Fab - XPP IPM 1st Article Parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03380 | RCV: XPP IPM 1st Article Parts | 0 | 160 | | 0.00 | DI 03360* | | | | | | | | | | | | | ◆ RCV: XPP IPM 1st Article Parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 11260 | Procurement Preps - CXI IPM Parts | 30 | 291 | | 0.00 | DI 03310* | | | | | | | | | | | | | ▲ Procurement Preps - CXI IPM Parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 11280 | AWARD: PO - CXI IPM Parts | 1 | 158 | AWARD | 97,018.72 | DI 11260, PM003030* | | | | | | | | | | | | | ▲ AWARD: PO - CXI IPM Parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 11300 | Vendor Fab - CXI IPM Parts | 60 | 158 | SL_MSEQ | 97,018.72 | DI 11280* | | | | | | | | | | | | | ▲ Vendor Fab - CXI IPM Parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 11320 | RCV: CXI IPM Parts | 0 | 158 | | 0.00 | DI 11300* | | | | | | | | | | | | | ◆ RCV: CXI IPM Parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 13940 | Procurement Preps - XCS IPM Parts | 30 | 505 | | 0.00 | DI 03310* | | | | | | | | | | | | | ▲ Procurement Preps - XCS IPM Parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 13960 | AWARD: PO - XCS IPM Parts | 1 | 183 | AWARD | 165,401.60 | DI 13940, PM003060, PM300110* | | | | | | | | | | | | | ▲ AWARD: PO - XCS IPM Parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 13980 | Vendor Fab - XCS IPM Parts | 60 | 183 | SL_MSEQ | 165,401.60 | DI 13960* | | | | | | | | | | | | | ▲ Vendor Fab - XCS IPM Parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 14000 | RCV: XCS IPM Parts | 0 | 183 | | 0.00 | DI 13980* | | | | | | | | | | | | | ◆ RCV: XCS IPM Parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05 Fab / Assembly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9110531 Fab & Assembly - Intensity-Position Monitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03500 | Inspect Procured Parts - XPP IPM 1st Article | 10 | 160 | SL_AT | 4,323.38 | DI 03380* | | | | | | | | | | | | | ▲ Inspect Procured Parts - XPP IPM 1st Article | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 03520 | Clean - all XPP IPM 1st Article Parts | 10 | 160 | SL_MFPC | 4,672.29 | DI 03500* | | | | | | | | | | | | | ▲ Clean - all XPP IPM 1st Article Parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Description | Orig Dur | Total Float | Resource ID | Budgeted Cost | Predecessors | FY08 | | FY09 | | FY10 | | FY11 | | FY12 | |
|---|---|----------|-------------|--------------|---------------|--|------|--|------|--|--|---|------|--|------|--|
| | | | | | | | | | | | | | | | | |
| DI 03540 | In-House Assembly - XPP IPM 1st Article Parts | 30 | 160 | SL_MF, SL_AT | 15,127.14 | DI 03520* | | | | | ▲▲ In-House Assembly - XPP IPM 1st Article Parts | | | | | |
| DI 03550 | Inspect & Fiducialize - XPP IPM 1st Article Parts | 10 | 160 | SL_MES | 1,721.20 | DI 03540* | | | | | ▲▲ Inspect & Fiducialize - XPP IPM 1st Article Parts | | | | | |
| DI 03560 | Vacuum Process - XPP IPM 1st Article Parts | 5 | 160 | SL_AT | 4,023.60 | DI 03550* | | | | | ▲ Vacuum Process - XPP IPM 1st Article Parts | | | | | |
| DI 11360 | Inspect Procured Parts - CXI IPM Parts | 10 | 158 | SL_AT | 4,436.02 | DI 11320* | | | | | ▲▲ Inspect Procured Parts - CXI IPM Parts | | | | | |
| DI 11380 | Clean - all CXI IPM Parts | 10 | 158 | SL_MFPC | 4,765.68 | DI 11360* | | | | | ▲▲ Clean - all CXI IPM Parts | | | | | |
| DI 11400 | In-House Assembly - CXI IPM Parts | 30 | 158 | SL_AT, SL_MF | 15,127.14 | DI 11380* | | | | | ▲▲ In-House Assembly - CXI IPM Parts | | | | | |
| DI 11430 | Inspect & Fiducialize - CXI IPM Parts | 10 | 158 | SL_MES | 1,721.20 | DI 11400* | | | | | ▲▲ Inspect & Fiducialize - CXI IPM Parts | | | | | |
| DI 11440 | Vacuum Process - CXI IPM Parts | 5 | 158 | SL_AT | 4,023.60 | DI 11430* | | | | | ▲ Vacuum Process - CXI IPM Parts | | | | | |
| DI 14040 | Inspect Procured Parts - XCS IPM Parts | 10 | 183 | SL_AT | 6,413.21 | DI 14000* | | | | | | ▲▲ Inspect Procured Parts - XCS IPM Parts | | | | |
| DI 14060 | Clean - all XCS IPM Parts | 10 | 183 | SL_MFPC | 7,434.72 | DI 14040* | | | | | | ▲▲ Clean - all XCS IPM Parts | | | | |
| DI 14080 | In-House Assembly - XCS IPM Parts | 30 | 183 | SL_MF, SL_AT | 24,072.15 | DI 14060* | | | | | | ▲▲ In-House Assembly - XCS IPM Parts | | | | |
| DI 14090 | Inspect & Fiducialize - XCS IPM Parts | 10 | 183 | SL_MES | 2,685.30 | DI 14080* | | | | | | ▲▲ Inspect & Fiducialize - XCS IPM Parts | | | | |
| DI 14120 | Vacuum Process - XCS IPM Parts | 5 | 183 | SL_AT | 4,184.80 | DI 14090* | | | | | | ▲ Vacuum Process - XCS IPM Parts | | | | |
| 06 Testing | | | | | | | | | | | | | | | | |
| 9110532 Testing - Intensity-Position Monitor | | | | | | | | | | | | | | | | |
| DI 03570 | Electronic Testing - XPP IPM 1st Article | 40 | 185 | SL_EE | 15,862.78 | DI 03380* | | | | | ▲▲ Electronic Testing - XPP IPM 1st Article | | | | | |
| DI 03575 | REQD: XPP IPM Controls HW/SW | 0 | 91 | | 0.00 | CD 02880*, CD 02900* | | | | | ◆ REQD: XPP IPM Controls HW/SW | | | | | |
| DI 03580 | Testing - XPP IPM 1st Article | 10 | 91 | SL_CT, SL_AT | 2,140.16 | DI 03560, DI 03570, DI 03575* | | | | | ▲▲ Testing - XPP IPM 1st Article | | | | | |
| DI 03600 | AVAIL: XPP IPM 1st Article Ready for Install | 0 | 91 | | 0.00 | DI 03580* | | | | | ◆ AVAIL: XPP IPM 1st Article Ready for Install | | | | | |
| DI 11445 | REQD: CXI IPM Controls HW/SW | 0 | 213 | | 0.00 | CD 09660*, CD 09680* | | | | | ◆ REQD: CXI IPM Controls HW/SW | | | | | |
| DI 11460 | Testing - CXI IPM | 10 | 158 | SL_CT, SL_AT | 2,140.16 | DI 11440*, DI 11445 | | | | | ▲▲ Testing - CXI IPM | | | | | |
| DI 11480 | AVAIL: CXI IPM Ready for Installation | 0 | 158 | | 0.00 | DI 11460* | | | | | ◆ AVAIL: CXI IPM Ready for Installation | | | | | |
| DI 14125 | REQD: XCS IPM Controls HW/SW | 0 | 97 | | 0.00 | CD 14360*, CD 14380*, CD 19375, CD 19380 | | | | | | ◆ REQD: XCS IPM Controls HW/SW | | | | |
| DI 14140 | Testing - XCS IPM | 10 | 97 | SL_CT, SL_AT | 2,225.84 | DI 14120, DI 14125* | | | | | | ▲▲ Testing - XCS IPM | | | | |
| DI 14160 | AVAIL: XCS IPM Ready for Installation | 0 | 97 | | 0.00 | DI 14140* | | | | | | AVAIL: XCS IPM Ready for Installatio◆ | | | | |
| 1.5.03.01 Monochromator | | | | | | | | | | | | | | | | |
| 02 Design / Engineering | | | | | | | | | | | | | | | | |
| ENG_PP Engineering Planning Package | | | | | | | | | | | | | | | | |
| DI 60200 | Prepare PRD - XCS Monochromator (FOREIGN) | 15 | 191 | SL_ME | 3,484.80 | DI 01040, PM300100* | | | | | ▲▲ Prepare PRD - XCS Monochromator (FOREIGN) | | | | | |
| DI 60220 | Approve PRD - XCS Monochromator (FOREIGN) | 2 | 191 | SL_ME | 871.20 | DI 60200* | | | | | ▲ Approve PRD - XCS Monochromator (FOREIGN) | | | | | |
| DI 60240 | Prepare SOW - XCS Monochromator (FOREIGN) | 20 | 191 | SL_ME | 2,178.00 | DI 60220* | | | | | ▲▲ Prepare SOW - XCS Monochromator (FOREIGN) | | | | | |
| DI 60260 | Approve Statement of Work - XCS Monochromator (F | 2 | 191 | SL_ME | 544.50 | DI 60240*, PM300100 | | | | | ▲ Approve Statement of Work - XCS Monochromator (F | | | | | |
| DI 60640 | SLAC Oversight and Integration - XCS Monochromat | 302 | 392 | SL_ME | 33,755.44 | DI 60440* | | | | | ▲▲ SLAC Oversight and Integration - XCS Monochromat | | | | | |

| Activity ID | Activity Description | Orig Dur | Total Float | Resource ID | Budgeted Cost | Predecessors | FY08 | | FY09 | | FY10 | | FY11 | | FY12 | |
|---|---|----------|-------------|----------------|---------------|----------------------|------|--|------|--|------|--|------|--|---|--|
| | | | | | | | | | | | | | | | | |
| 05 Fab / Assembly | | | | | | | | | | | | | | | | |
| 9110535 Fab & Assembly - X-ray Focusing Lenses | | | | | | | | | | | | | | | | |
| DI 09700 | Inspect Procured Parts - XPP XFL Long Lead | 10 | 463 | SL_AT | 1,106.49 | DI 06270, DI 09600* | | | | | | | | | Inspect Procured Parts - XPP XFL Long Lead | |
| DI 09720 | Inspect Procured Parts - XPP XFL Misc | 10 | 266 | SL_AT | 2,144.71 | DI 09680* | | | | | | | | | Inspect Procured Parts - XPP XFL Misc | |
| DI 09740 | Clean - all XPP XFL Parts | 10 | 266 | SL_MFPC | 4,130.40 | DI 09700, DI 09720* | | | | | | | | | Clean - all XPP XFL Parts | |
| DI 09760 | In-House Assembly - XPP XFL Parts | 30 | 266 | SL_AT, SL_MF | 15,637.14 | DI 09740* | | | | | | | | | In-House Assembly - XPP XFL Parts | |
| DI 09780 | Inspect & Fiducialize - XPP XFL Parts | 10 | 266 | SL_MES | 1,790.20 | DI 09760* | | | | | | | | | Inspect & Fiducialize - XPP XFL Parts | |
| DI 09800 | Vacuum Process - XPP XFL Parts | 10 | 266 | SL_AT | 4,184.80 | DI 09780* | | | | | | | | | Vacuum Process - XPP XFL Parts | |
| DI 14340 | Inspect Procured Parts - XCS XFL Long Lead | 10 | 80 | SL_AT | 1,150.82 | DI 14240* | | | | | | | | | Inspect Procured Parts - XCS XFL Long Lead | |
| DI 14360 | Inspect Procured Parts - XCS XFL Misc Parts | 10 | 150 | SL_AT | 2,144.71 | DI 14320* | | | | | | | | | Inspect Procured Parts - XCS XFL Misc Parts | |
| DI 14380 | Clean - all XCS XFL Parts | 10 | 80 | SL_MFPC | 4,130.40 | DI 14340*, DI 14360 | | | | | | | | | Clean - all XCS XFL Parts | |
| DI 14400 | In-House Assembly - XCS XFL Parts | 30 | 80 | SL_AT, SL_MF | 15,637.14 | DI 14380* | | | | | | | | | In-House Assembly - XCS XFL Parts | |
| DI 14420 | Inspect & Fiducialize - XCS XFL Parts | 10 | 80 | SL_MES | 1,790.20 | DI 14400* | | | | | | | | | Inspect & Fiducialize - XCS XFL Parts | |
| DI 14440 | Vacuum Process - XCS XFL Parts | 10 | 80 | SL_AT | 4,184.80 | DI 14420* | | | | | | | | | Vacuum Process - XCS XFL Parts | |
| 06 Testing | | | | | | | | | | | | | | | | |
| 9110536 Testing - X-ray Focusing Lenses | | | | | | | | | | | | | | | | |
| DI 09805 | REQD: XPP XFL Controls HW/SW | 0 | 300 | | 0.00 | CD 03960*, CD 03980* | | | | | | | | | REQD: XPP XFL Controls HW/SW | |
| DI 09820 | Testing - XPP XFL | 30 | 266 | SL_AT, SL_CT | 2,225.84 | DI 09800*, DI 09805 | | | | | | | | | Testing - XPP XFL | |
| DI 09840 | AVAIL: XPP XFL Ready for Installation | 0 | 266 | | 0.00 | DI 09820* | | | | | | | | | AVAIL: XPP XFL Ready for Installation | |
| DI 14445 | REQD: XCS XFL Controls HW/SW | 0 | 120 | | 0.00 | CD 19495*, CD 19500* | | | | | | | | | REQD: XCS XFL Controls HW/SW | |
| DI 14460 | Testing - XCS XFL | 30 | 80 | SL_CT, SL_AT | 2,284.26 | DI 14440*, DI 14445 | | | | | | | | | Testing - XCS XFL | |
| DI 14480 | AVAIL: XCS XFL Ready for Installation | 0 | 80 | | 0.00 | DI 14460* | | | | | | | | | AVAIL: XCS XFL Ready for Installation | |
| 1.5.03.03 Slit System | | | | | | | | | | | | | | | | |
| 02 Design / Engineering | | | | | | | | | | | | | | | | |
| 9100213 Slits System | | | | | | | | | | | | | | | | |
| DI 06460 | START: Slit System (Slit) | 0 | | | 0.00 | DI 01040 | | | | | | | | | START: Slit System (Slit) | |
| DI 06480 | Generate PRD - Slit | 50 | | HIST_LBR | 31,850.00 | DI 06460 | | | | | | | | | Generate PRD - Slit | |
| DI 06500 | COMP: PRD Released - Slit | 0 | | | 0.00 | DI 06480 | | | | | | | | | COMP: PRD Released - Slit | |
| DI 06520 | Generate ESD - Slit | 50 | | | 0.00 | DI 06460, DI 06500 | | | | | | | | | Generate ESD - Slit | |
| 9110537 Design & Engr - Primary Slits | | | | | | | | | | | | | | | | |
| DI 06530 | Update Engr Spec Doc - Slit | 20 | 162 | SL_MEE | 5,534.00 | DI 06520 | | | | | | | | | Update Engr Spec Doc - Slit | |
| DI 06540 | COMP: ESD Released - Slit | 0 | 162 | | 0.00 | DI 06520, DI 06530* | | | | | | | | | COMP: ESD Released - Slit | |
| DI 06560 | Prelim Design & Analysis - Slit | 60 | 162 | SL_MDD, SL_MEE | 28,769.60 | DI 06540* | | | | | | | | | Prelim Design & Analysis - Slit | |
| DI 06620 | Prep for PDR - Slits | 10 | 162 | SL_MEE, SL_MDD | 5,467.40 | DI 06560* | | | | | | | | | Prep for PDR - Slits | |

| Activity ID | Activity Description | Orig Dur | Total Float | Resource ID | Budgeted Cost | Predecessors | FY08 | | | | | FY09 | | | | | FY10 | | | | | FY11 | | | | | FY12 | | | | | | | | |
|--|---|----------|-------------|----------------|---------------|---------------------|------|--|--|--|--|------|--|--|--|--|------|--|--|--|--|------|--|--|--|--|------|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 06640 | PDR - Prelim Design Review - Primary Slit | 1 | 162 | SL_MDD, SL_MEE | 805.64 | DI 06620* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 06700 | Finalize Design - Slit | 30 | 185 | SL_MDD, SL_MEE | 23,016.80 | DI 06640* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 06720 | Detail Piece Part Drawings & Spec - Slit | 40 | 185 | SL_MDD | 8,630.00 | DI 06700* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 06730 | Check & Release Dwgs - Slit | 15 | 185 | SL_MDD | 5,178.00 | DI 06720*, DI 06780 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 06735 | COMP: Final Design & Detail Dwgs - Primary Slit | 0 | 185 | | 0.00 | DI 06730* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 06740 | Prep for FDR - Slits | 10 | 204 | SL_MEE, SL_MDD | 5,467.40 | DI 06700* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 06760 | FDR - Final Design Review - Slits | 1 | 204 | SL_MEE, SL_MDD | 805.64 | DI 06740* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 06780 | Incorp FDR Changes - Slit | 20 | 204 | SL_MEE | 9,208.80 | DI 06760* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 06786 | Generate Mfg Docs - Slit | 20 | 235 | SL_MEE | 9,208.80 | DI 06735* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 06787 | Prep for Design Status Review - Slit | 10 | 235 | SL_MDD, SL_MEE | 5,467.40 | DI 06786* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 06788 | Design Status Review - Slits | 1 | 235 | SL_MEE, SL_MD | 826.88 | DI 06787* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 06830 | COMP: Design Phase Complete - Slit | 0 | 235 | | 0.00 | DI 06780, DI 06788* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03 Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9110538 Procurement - Primary Slits | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 41000 | Procurement Preps - XPP Slit Long Dur | 55 | 215 | | 0.00 | DI 06640*, PM300100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 41040 | AWARD: PO - XPP Slits Long Lead Parts | 1 | 161 | AWARD | 75,881.19 | DI 41000, PM003000* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 41060 | Vendor Fab - XPP Slits Long Lead Parts | 100 | 161 | SL_MSEG | 75,881.19 | DI 41040* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 41065 | RCV: XPP Slit Long Lead Parts | 0 | 161 | | 0.00 | DI 41060* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 41070 | Prep Bid Pkg & App - XPP Slit Parts | 30 | 185 | | 0.00 | DI 06735*, PM300100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 41075 | AWARD: PO - XPP Slits Other Parts | 1 | 185 | AWARD | 16,131.32 | DI 41070*, PM003000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 41080 | Vendor Fab - XPP Slits Other Parts | 50 | 185 | SL_MSEG | 16,131.32 | DI 41075* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 41110 | RCV: XPP Slit All Other Parts | 0 | 185 | | 0.00 | DI 41080* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 41190 | Procurement Preps - CXI Slit Long Duration | 55 | 123 | | 0.00 | DI 06640, PM300105* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 41210 | AWARD: PO - CXI Slits Long Lead Parts | 1 | 118 | AWARD | 103,066.04 | DI 41190, PM003030* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 41230 | Vendor Fab - CXI Slits Long Lead Parts | 100 | 118 | SL_MSEG | 103,066.04 | DI 41210* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 41250 | RCV: CXI Slit Long Lead Parts | 0 | 118 | | 0.00 | DI 41230* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 41270 | Procurement Preps - CXI Slit Other Parts | 30 | 198 | | 0.00 | DI 06735, PM300105* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 41290 | AWARD: PO - CXI Slits Other Parts | 1 | 168 | AWARD | 12,089.67 | DI 41270, PM003030* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 41310 | Vendor Fab - CXI Slits Other Parts | 50 | 168 | SL_MSEG | 12,089.67 | DI 41290* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 41330 | RCV: CXI Slit All Other Parts | 0 | 168 | | 0.00 | DI 41310* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 42100 | Procurement Preps - XCS Slit Long Duration | 55 | 110 | | 0.00 | DI 06640, PM300110* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 42110 | AWARD: PO - XCS Slits Long Lead Parts | 1 | 110 | AWARD | 158,854.08 | DI 42100*, PM003060 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Description | Orig Dur | Total Float | Resource ID | Budgeted Cost | Predecessors | FY08 | | | | | | | | | | | | FY09 | | | | | | | | | | | | FY10 | | | | | | | | | | | | FY11 | | | | | | | | | | | | FY12 | | | | | | | | | | | |
|-------------|--|----------|-------------|-------------|---------------|---------------------|----------|--|-----|-----|---------|------------|-----------|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | DI 42115 | Vendor Fab - XCS Slits Long Lead Parts | 100 | 110 | SL_MSEG | 158,854.08 | DI 42110* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Vendor Fab - XCS Slits Long Lead Parts | | | | | | | | | | | | | | | | |
| DI 42117 | RCV: XCS Slit Long Lead Parts | 0 | 110 | | 0.00 | DI 42115* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RCV: XCS Slit Long Lead Parts | | | | | | | | | | | | | | | | | | | | | | | |
| DI 42118 | Procurement Preps - XCS Slit Other Parts | 30 | 185 | | 0.00 | DI 06735, PM300110* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Procurement Preps - XCS Slit Other Parts | | | | | | | | | | | | | | | | | | | | | | | |
| DI 42120 | AWARD: PO - XCS Slits Other Parts | 1 | 185 | AWARD | 26,682.88 | DI 42118*, PM003060 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | AWARD: PO - XCS Slits Other Parts | | | | | | | | | | | | | | | | | | | | | | | |
| DI 42140 | Vendor Fab - XCS Slits Other Parts | 50 | 185 | SL_MSEG | 26,682.88 | DI 42120* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Vendor Fab - XCS Slits Other Parts | | | | | | | | | | | | | | | | | | | | | | | |
| DI 42150 | RCV: XCS Slit All Other Parts | 0 | 185 | | 0.00 | DI 42140* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RCV: XCS Slit All Other Parts | | | | | | | | | | | | | | | | | | | | | | | |

05 Fab / Assembly

| 9110539 Fab & Assembly - Primary Slits | | | | | | |
|--|---|----|-----|--------------|-----------|---------------------|
| DI 41090 | In-House Fab & Machine - XPP Slit Parts | 30 | 185 | SL_MF | 2,383.80 | DI 06830, DI 41110* |
| DI 41130 | Inspect Procured Parts - XPP Slit Misc | 20 | 161 | SL_AT | 3,868.80 | DI 41065*, DI 41110 |
| DI 41140 | Clean - all XPP Slit Parts | 10 | 161 | SL_MFPC | 6,969.98 | DI 41090, DI 41130* |
| DI 41150 | In-House Assembly - XPP Slit Parts | 20 | 161 | SL_AT, SL_MF | 21,375.96 | DI 41140* |
| DI 41160 | Inspect & Fiducialize - XPP Slit Parts | 10 | 161 | SL_MES | 1,376.96 | DI 41150* |
| DI 41170 | Vacuum Process - XPP Slit Parts | 10 | 161 | SL_AT | 4,023.60 | DI 41160* |
| DI 41350 | Inspect Procured Parts - CXI Slit Long Lead | 10 | 118 | SL_MES | 3,442.40 | DI 41250*, DI 41330 |
| DI 41370 | Clean - all CXI Slit Parts | 10 | 118 | SL_MFPC | 7,942.80 | DI 41350* |
| DI 41390 | In-House Assembly - CXI Slit Parts | 20 | 118 | SL_AT, SL_MF | 5,576.16 | DI 41370* |
| DI 41410 | Inspect & Fiducialize - CXI Slit Parts | 10 | 118 | SL_MES | 1,376.96 | DI 41390* |
| DI 41430 | Vacuum Process - CXI Slit Parts | 10 | 118 | SL_AT | 4,023.60 | DI 41410* |
| DI 42180 | Inspect Procured Parts - XCS Slit Long Lead | 10 | 110 | SL_MES | 7,160.80 | DI 42117*, DI 42150 |
| DI 42190 | Clean - all XCS Slit Parts | 10 | 110 | SL_MFPC | 15,695.52 | DI 42180* |
| DI 42200 | In-House Assembly - XCS Slit Parts | 20 | 110 | SL_MF, SL_AT | 28,029.33 | DI 42190* |
| DI 42210 | Inspect & Fiducialize - XCS Slit Parts | 10 | 110 | SL_MES | 2,864.32 | DI 42200* |
| DI 42220 | Vacuum Process - XCS Slit Parts | 10 | 110 | SL_AT | 4,184.80 | DI 42210* |

| | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|
| In-House Fab & Machine - XPP Slit Parts | | | | | | | | | | | |
| Inspect Procured Parts - XPP Slit Misc | | | | | | | | | | | |
| Clean - all XPP Slit Parts | | | | | | | | | | | |
| In-House Assembly - XPP Slit Parts | | | | | | | | | | | |
| Inspect & Fiducialize - XPP Slit Parts | | | | | | | | | | | |
| Vacuum Process - XPP Slit Parts | | | | | | | | | | | |
| Inspect Procured Parts - CXI Slit Long Lead | | | | | | | | | | | |
| Clean - all CXI Slit Parts | | | | | | | | | | | |
| In-House Assembly - CXI Slit Parts | | | | | | | | | | | |
| Inspect & Fiducialize - CXI Slit Parts | | | | | | | | | | | |
| Vacuum Process - CXI Slit Parts | | | | | | | | | | | |
| Inspect Procured Parts - XCS Slit Long Lead | | | | | | | | | | | |
| Clean - all XCS Slit Parts | | | | | | | | | | | |
| In-House Assembly - XCS Slit Parts | | | | | | | | | | | |
| Inspect & Fiducialize - XCS Slit Parts | | | | | | | | | | | |
| Vacuum Process - XCS Slit Parts | | | | | | | | | | | |

06 Testing

| 9110540 Testing - Primary Slits | | | | | | |
|---------------------------------|--|----|-----|--------------|----------|----------------------|
| DI 12430 | REQD: XPP Slit Controls HW/SW | 0 | 111 | | 0.00 | CD 03780*, CD 03800* |
| DI 12435 | Testing - XPP Slit | 15 | 111 | SL_CT, SL_AT | 2,140.16 | DI 12430*, DI 41170 |
| DI 12445 | AVAIL: XPP Slit Ready For Installation | 0 | 111 | | 0.00 | DI 12435* |
| DI 12450 | REQD: XCS Slit Controls HW/SW | 0 | 179 | | 0.00 | CD 17020*, CD 17040* |
| DI 12455 | Testing - XCS Slit | 15 | 110 | SL_CT, SL_AT | 2,225.84 | DI 12450, DI 42220* |
| DI 12460 | AVAIL: XCS Slit Ready For Installation | 0 | 110 | | 0.00 | DI 12455* |
| DI 12465 | REQD: CXI Slit Controls HW/SW | 0 | 147 | | 0.00 | CD 09860*, CD 09880* |

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|--|--|--|--|--|--|--|--|--|--|--|--|
| REQD: XPP Slit Controls HW/SW | | | | | | | | | | | |
| Testing - XPP Slit | | | | | | | | | | | |
| AVAIL: XPP Slit Ready For Installation | | | | | | | | | | | |
| REQD: XCS Slit Controls HW/SW | | | | | | | | | | | |
| Testing - XCS Slit | | | | | | | | | | | |
| AVAIL: XCS Slit Ready For Installation | | | | | | | | | | | |
| REQD: CXI Slit Controls HW/SW | | | | | | | | | | | |

| Activity ID | Activity Description | Orig Dur | Total Float | Resource ID | Budgeted Cost | Predecessors | FY08 | | FY09 | | FY10 | | FY11 | | FY12 | |
|---|--|----------|-------------|--------------|---------------|-------------------------------|------|--|------|--|------|--|------|--|------|--|
| | | | | | | | | | | | | | | | | |
| DI 10025 | AWARD: PO - XPP Attenuator Parts | 1 | 266 | AWARD | 50,024.80 | DI 10020, PM003000, PM300110* | | | | | | | | | | |
| DI 10030 | Vendor Fab - XPP Attenuator Parts | 60 | 266 | SL_MSEQ | 50,024.80 | DI 10025* | | | | | | | | | | |
| DI 10035 | RCV: XPP ATT All Parts | 0 | 266 | | 0.00 | DI 10030* | | | | | | | | | | |
| DI 12560 | Procurement Preps - CXI ATT | 30 | 163 | | 0.00 | DI 07045, PM300105* | | | | | | | | | | |
| DI 12580 | AWARD: PO - CXI Attenuator Parts | 1 | 133 | AWARD | 48,684.85 | DI 12560, PM003030* | | | | | | | | | | |
| DI 12600 | Vendor Fab - CXI Attenuator Parts | 60 | 133 | SL_MSEQ | 48,684.85 | DI 12580* | | | | | | | | | | |
| DI 12620 | RCV: CXI ATT All Parts | 0 | 133 | | 0.00 | DI 12600* | | | | | | | | | | |
| DI 14580 | Procurement Preps - XCS ATT | 30 | 150 | | 0.00 | DI 07045, PM300110* | | | | | | | | | | |
| DI 14600 | AWARD: PO - XCS Attenuator Parts | 1 | 150 | AWARD | 50,024.80 | DI 14580*, PM003060, PM300110 | | | | | | | | | | |
| DI 14620 | Vendor Fab - XCS Attenuator Parts | 60 | 150 | SL_MSEQ | 50,024.80 | DI 14600* | | | | | | | | | | |
| DI 14640 | RCV: XCS ATT All Parts | 0 | 150 | | 0.00 | DI 14620* | | | | | | | | | | |
| 05 Fab / Assembly | | | | | | | | | | | | | | | | |
| 9110547 Fab & Assembly - Attenuators / Filters | | | | | | | | | | | | | | | | |
| DI 10045 | Inspect Procured Parts - XPP ATT Parts | 10 | 266 | SL_AT | 2,291.18 | DI 07190, DI 10035* | | | | | | | | | | |
| DI 10050 | Clean - all XPP ATT Parts | 10 | 266 | SL_MFPC | 4,130.40 | DI 10045* | | | | | | | | | | |
| DI 10155 | In-House Assembly - XPP ATT Parts | 30 | 266 | SL_MF, SL_AT | 10,660.14 | DI 10050* | | | | | | | | | | |
| DI 10160 | Inspect & Fiducialize - XPP ATT | 10 | 266 | SL_MES | 895.10 | DI 10155* | | | | | | | | | | |
| DI 10165 | Vacuum Process - XPP ATT Parts | 10 | 266 | SL_AT | 4,184.80 | DI 10160* | | | | | | | | | | |
| DI 12660 | Inspect Procured Parts - CXI ATT Parts | 10 | 133 | SL_AT | 2,202.92 | DI 12620* | | | | | | | | | | |
| DI 12680 | Clean - all CXI ATT Parts | 10 | 133 | SL_MFPC | 3,971.40 | DI 12660* | | | | | | | | | | |
| DI 12700 | In-House Assembly - CXI ATT Parts | 30 | 133 | SL_MF, SL_AT | 10,250.04 | DI 12680* | | | | | | | | | | |
| DI 12720 | Inspect & Fiducialize - CXI ATT | 10 | 133 | SL_MES | 860.60 | DI 12700* | | | | | | | | | | |
| DI 12740 | Vacuum Process - CXI ATT Parts | 10 | 133 | SL_AT | 4,023.60 | DI 12720* | | | | | | | | | | |
| DI 14680 | Inspect Procured Parts - XCS ATT Parts | 10 | 150 | SL_AT | 2,291.18 | DI 14640* | | | | | | | | | | |
| DI 14700 | Clean - all XCS ATT Parts | 10 | 150 | SL_MFPC | 4,130.40 | DI 14680* | | | | | | | | | | |
| DI 14720 | In-House Assembly - XCS ATT Parts | 30 | 150 | SL_AT, SL_MF | 10,660.14 | DI 14700* | | | | | | | | | | |
| DI 14740 | Inspect & Fiducialize - XCS ATT | 10 | 150 | SL_MES | 895.10 | DI 14720* | | | | | | | | | | |
| DI 14760 | Vacuum Process - XCS ATT Parts | 10 | 150 | SL_AT | 4,184.80 | DI 14740* | | | | | | | | | | |
| 06 Testing | | | | | | | | | | | | | | | | |
| 9110548 Testing - Attenuators / Filters | | | | | | | | | | | | | | | | |
| DI 10170 | REQD: XPP ATT Controls HW/SW | 0 | 306 | | 0.00 | CD 03600*, CD 03620* | | | | | | | | | | |
| DI 10175 | Testing - XPP ATT | 30 | 266 | SL_AT, SL_CT | 2,225.84 | DI 10165*, DI 10170 | | | | | | | | | | |
| DI 10180 | AVAIL: XPP ATT Ready for Installation | 0 | 266 | | 0.00 | DI 10175* | | | | | | | | | | |

| Activity ID | Activity Description | Orig Dur | Total Float | Resource ID | Budgeted Cost | Predecessors | FY08 | | | | | FY09 | | | | | FY10 | | | | | FY11 | | | | | FY12 | | | | | | | | | | | | |
|-------------|--|----------|-------------|-------------|---------------|-------------------------------|------|--|--|--|--|------|--|--|--|--|------|--|--|--|--|------|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 12840 | Vendor Fab - XPP Pulse Picker Long Lead Parts | 55 | 207 | SL_MSEG | 14,980.00 | DI 12820* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 12860 | RCV: XPP Pulse Picker Long Lead Parts | 0 | 207 | | 0.00 | DI 12840* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 12880 | Procurement Preps - XPP Pulse Picker - Other Pts | 30 | 177 | | 0.00 | DI 07650, DI 12800* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 12900 | AWARD: PO - XPP Pulse Picker - All Other Part | 1 | 177 | AWARD | 41,115.82 | DI 12880*, PM003000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 12920 | Vendor Fab - XPP Pulse Picker All Others Parts | 40 | 177 | SL_MSEG | 41,115.82 | DI 12900* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 12960 | RCV: XPP Pulse Picker All Other Parts | 0 | 177 | | 0.00 | DI 12920* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 12980 | Procurement Preps - XPP Pulse Picker Parts/w ctg | 30 | 202 | | 0.00 | DI 07650, DI 12880* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 13000 | AWARD: PO - XPP Pulse Picker Parts w/Coating | 1 | 202 | AWARD | 31,340.30 | DI 12980*, PM003000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 13020 | Vendor Coating - XPP Pulse Picker Parts w/coatin | 30 | 202 | SL_MSEG | 31,340.30 | DI 12860, DI 13000* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 13040 | RCV: XPP Pulse Picker Parts with Coating | 0 | 202 | | 0.00 | DI 13020* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 14100 | Procurement Preps - CXI Pulse Picker Long Lead | 55 | 154 | | 0.00 | DI 07650, DI 12800*, PM300100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 14105 | AWARD: PO - CXI Pulse Picker - Long Lead Parts | 1 | 140 | AWARD | 15,260.00 | DI 14100, PM003030* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 14110 | Vendor Fab - CXI Pulse Picker Long Lead Parts | 55 | 140 | SL_MSEG | 15,260.00 | DI 14105* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 14115 | RCV: CXI Pulse Picker Long Lead Parts | 0 | 140 | | 0.00 | DI 14110* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16000 | Procurement Preps - XCS Pulse Picker Long Lead | 55 | 154 | | 0.00 | DI 07650, DI 14100*, PM300100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16005 | AWARD: PO - XCS Pulse Picker - Long Lead Parts | 1 | 280 | AWARD | 15,680.00 | DI 16000, PM003060, PM300110* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16010 | Vendor Fab - XCS Pulse Picker Long Lead Parts | 55 | 280 | SL_MSEG | 15,680.00 | DI 16005* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16015 | RCV: XCS Pulse Picker Long Lead Parts | 0 | 280 | | 0.00 | DI 16010* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16020 | Procurement Preps - CXI Pulse Picker - Other Pts | 30 | 154 | | 0.00 | DI 12880, DI 14100, DI 16000* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16025 | AWARD: PO - CXI Pulse Picker - All Other Part | 1 | 140 | AWARD | 53,248.68 | DI 16020, PM003030* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16030 | Vendor Fab - CXI Pulse Picker All Others Parts | 40 | 140 | SL_MSEG | 53,248.68 | DI 16025* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16035 | RCV: CXI Pulse Picker All Other Parts | 0 | 140 | | 0.00 | DI 16030* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16040 | Procurement Preps - XCS Pulse Picker - Other Pts | 30 | 154 | | 0.00 | DI 16000, DI 16020* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16045 | AWARD: PO - XCS Pulse Picker - All Other Part | 1 | 280 | AWARD | 54,714.24 | DI 16040, PM003060, PM300110* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16050 | Vendor Fab - XCS Pulse Picker All Others Parts | 40 | 280 | SL_MSEG | 54,714.24 | DI 16045* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16055 | RCV: XCS Pulse Picker All Other Parts | 0 | 280 | | 0.00 | DI 16050* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16060 | Procurement Preps - CXI Pulse Picker Parts/w ctg | 30 | 154 | | 0.00 | DI 12980, DI 16020, DI 16040* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16065 | AWARD: PO - CXI Pulse Picker Parts w/Coating | 1 | 154 | AWARD | 29,816.95 | DI 16060*, PM003030 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16070 | Vendor Coating - CXI Pulse Picker Parts w/coatin | 30 | 140 | SL_MSEG | 29,816.95 | DI 14115*, DI 16065 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16075 | RCV: CXI Pulse Picker Parts with Coating | 0 | 140 | | 0.00 | DI 16070* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16080 | Procurement Preps - XCS Pulse Picker Parts/w ctg | 30 | 453 | | 0.00 | DI 16040, DI 16060* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI 16085 | AWARD: PO - XCS Pulse Picker Parts w/Coating | 1 | 335 | AWARD | 30,637.60 | DI 16080, PM003060, PM300110* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Description | Orig Dur | Total Float | Resource ID | Budgeted Cost | Predecessors | FY08 | | FY09 | | FY10 | | FY11 | | FY12 | |
|---|---|----------|-------------|----------------|---------------|-------------------------------|---|--|------|--|------|--|------|--|------|--|
| | | | | | | | | | | | | | | | | |
| 1.5.03.06 Harmonic Rejection Mirrors | | | | | | | | | | | | | | | | |
| 02 Design / Engineering | | | | | | | | | | | | | | | | |
| 9110561 Design & Engr - Harmonic Rejection Mirrors | | | | | | | | | | | | | | | | |
| DI 07800 | START: Harmonic Rejection Mirrors (HRM) | 0 | | | 0.00 | DI 01040 | ◆ START: Harmonic Rejection Mirrors (HRM) | | | | | | | | | |
| DI 07820 | Generate PRD - HRM | 80 | | | 0.00 | DI 07800 | ■ Generate PRD - HRM | | | | | | | | | |
| DI 07840 | COMP: PRD Released - HRM | 0 | | | 0.00 | DI 07820 | ◆ COMP: PRD Released - HRM | | | | | | | | | |
| DI 07860 | Generate ESD - HRM | 80 | 179 | SL_MEE | 4,604.40 | DI 07840, PM300100* | ■ Generate ESD - HRM | | | | | | | | | |
| DI 07880 | COMP: ESD Released - HRM | 0 | 179 | | 0.00 | DI 07860* | ◆ COMP: ESD Released - HRM | | | | | | | | | |
| DI 07890 | Conceptual Design - HRM | 30 | 179 | SL_MDD, SL_MEE | 14,960.40 | DI 07880* | ■ Conceptual Design - HRM | | | | | | | | | |
| DI 07900 | Prelim Design & Analysis - HRM | 80 | 179 | SL_MEE, SL_MDD | 29,920.80 | DI 07890*, PM300100 | ■ Prelim Design & Analysis - HRM | | | | | | | | | |
| DI 07910 | Prep for PDR - HRM | 10 | 179 | SL_MEE, SL_MDD | 5,467.40 | DI 07880, DI 07900* | ■ Prep for PDR - HRM | | | | | | | | | |
| DI 07920 | PDR - Prelim Design Review - HRM | 1 | 179 | SL_MEE, SL_MDD | 805.64 | DI 07910* | ■ PDR - Prelim Design Review - HRM | | | | | | | | | |
| DI 07940 | Finalize Design - HRM | 80 | 199 | SL_MEE, SL_MDD | 18,879.09 | DI 07920* | ■ Finalize Design - HRM | | | | | | | | | |
| DI 07960 | Detail Piece Part Drawings - HRM | 40 | 322 | SL_MEE, SL_MDD | 17,054.10 | DI 07940* | ■ Detail Piece Part Drawings - HRM | | | | | | | | | |
| DI 07970 | Check & Release Dwgs - HRM | 20 | 316 | SL_MDD | 8,077.50 | DI 07960, DI 08000* | ■ Check & Release Dwgs - HRM | | | | | | | | | |
| DI 07975 | COMP: Piece Part Drawings Complete - HRM | 0 | 316 | | 0.00 | DI 07970* | ◆ COMP: Piece Part Drawings Complete - HRM | | | | | | | | | |
| DI 07980 | Prep for FDR - HRM | 10 | 199 | SL_MDD, SL_MEE | 5,686.30 | DI 07940* | ■ Prep for FDR - HRM | | | | | | | | | |
| DI 07990 | FDR - Final Design Review - HRM | 1 | 199 | SL_MDD, SL_MEE | 837.88 | DI 07980* | ■ FDR - Final Design Review - HRM | | | | | | | | | |
| DI 08000 | Incorp FDR Changes - HRM | 20 | 199 | SL_MDD | 7,180.00 | DI 07990* | ■ Incorp FDR Changes - HRM | | | | | | | | | |
| DI 08020 | Generate Assembly Drawings - HRM | 10 | 376 | SL_MDD | 3,590.00 | DI 07975*, DI 08000 | ■ Generate Assembly Drawings - HRM | | | | | | | | | |
| DI 08060 | Generate Mfg Docs - HRM | 20 | 376 | SL_MEE | 9,577.60 | DI 08020* | ■ Generate Mfg Docs - HRM | | | | | | | | | |
| DI 08070 | Prep for Design Status Review - HRM | 10 | 376 | SL_MEE, SL_MDD | 5,686.30 | DI 08060* | ■ Prep for Design Status Review - HRM | | | | | | | | | |
| DI 08100 | Design Status Review - HRM | 1 | 376 | SL_MDD, SL_MEE | 837.88 | DI 08070* | ■ Design Status Review - HRM | | | | | | | | | |
| DI 08120 | COMP: Design Phase Complete - HRM | 0 | 462 | | 0.00 | DI 08100* | ◆ COMP: Design Phase Complete - HRM | | | | | | | | | |
| 03 Procurement | | | | | | | | | | | | | | | | |
| 9110562 Procurement - Harmonic Rejection Mirrors | | | | | | | | | | | | | | | | |
| DI 10440 | Procurement Preps - XPP HRM Long Duration | 30 | 85 | | 0.00 | DI 07920, PM300110* | ■ Procurement Preps - XPP HRM Long Duration | | | | | | | | | |
| DI 10445 | AWARD: PO - XPP HRM Long Lead Parts | 1 | 186 | AWARD | 49,280.00 | DI 10440*, PM003000 | ■ AWARD: PO - XPP HRM Long Lead Parts | | | | | | | | | |
| DI 10450 | Vendor Fab - XPP HRM Long Lead Parts | 120 | 186 | SL_MSEQ | 49,280.00 | DI 10445* | ■ Vendor Fab - XPP HRM Long Lead Parts | | | | | | | | | |
| DI 10455 | RCV: XPP HRM Long Lead Parts | 0 | 186 | | 0.00 | DI 10450* | ◆ RCV: XPP HRM Long Lead Parts | | | | | | | | | |
| DI 10460 | Procurement Preps - XPP HRM | 30 | 221 | | 0.00 | DI 07975, DI 08100, DI 10440* | ■ Procurement Preps - XPP HRM | | | | | | | | | |
| DI 10465 | AWARD: PO - XPP HRM Parts | 1 | 221 | AWARD | 45,887.52 | DI 10460*, PM003000 | ■ AWARD: PO - XPP HRM Parts | | | | | | | | | |
| DI 10470 | Vendor Fab - XPP HRM Parts | 60 | 221 | SL_MSEQ | 45,887.52 | DI 10465* | ■ Vendor Fab - XPP HRM Parts | | | | | | | | | |

| Activity ID | Activity Description | Orig Dur | Total Float | Resource ID | Budgeted Cost | Predecessors | FY08 | | FY09 | | FY10 | | FY11 | | FY12 | |
|--|---|----------|-------------|--------------|---------------|-------------------------------|------|--|------|--|------|--|------|--|------|---|
| | | | | | | | | | | | | | | | | |
| DI 10475 | RCV: XPP HRM All Parts | 0 | 221 | | 0.00 | DI 10470* | | | | | | | | | | ◆ RCV: XPP HRM All Parts |
| DI 14820 | Procurement Preps - XCS HRM Long Duration | 30 | 85 | | 0.00 | DI 07920, DI 10440* | | | | | | | | | | ▲ Procurement Preps - XCS HRM Long Duration |
| DI 14840 | AWARD: PO - XCS HRM Long Lead Parts | 1 | 85 | AWARD | 49,280.00 | DI 14820*, PM003060, PM300110 | | | | | | | | | | ▲ AWARD: PO - XCS HRM Long Lead Parts |
| DI 14860 | Vendor Fab - XCS HRM Long Lead Parts | 120 | 85 | SL_MSEQ | 49,280.00 | DI 14840* | | | | | | | | | | ▲ Vendor Fab - XCS HRM Long Lead Parts |
| DI 14880 | RCV: XCS HRM Long Lead Parts | 0 | 85 | | 0.00 | DI 14860* | | | | | | | | | | ◆ RCV: XCS HRM Long Lead Parts |
| DI 14900 | Procurement Preps - XCS HRM | 30 | 120 | | 0.00 | DI 07975, DI 14820* | | | | | | | | | | ▲ Procurement Preps - XCS HRM |
| DI 14920 | AWARD: PO - XCS HRM Parts | 1 | 120 | AWARD | 45,887.52 | DI 14900*, PM003060, PM300110 | | | | | | | | | | ▲ AWARD: PO - XCS HRM Parts |
| DI 14940 | Vendor Fab - XCS HRM Parts | 60 | 120 | SL_MSEQ | 45,887.52 | DI 14920* | | | | | | | | | | ▲ Vendor Fab - XCS HRM Parts |
| DI 14960 | RCV: XCS HRM All Parts | 0 | 120 | | 0.00 | DI 14940* | | | | | | | | | | ◆ RCV: XCS HRM All Parts |
| 05 Fab / Assembly | | | | | | | | | | | | | | | | |
| 9110563 Fab & Assembly - Harmonic Rejection Mirrors | | | | | | | | | | | | | | | | |
| DI 10480 | Inspect Procured Parts - XPP HRM Long Lead | 15 | 186 | SL_AT | 8,369.60 | DI 08120, DI 10455* | | | | | | | | | | ▲ Inspect Procured Parts - XPP HRM Long Lead |
| DI 10485 | Inspect Procured Parts - XPP HRM Misc | 10 | 221 | SL_AT | 3,421.07 | DI 08120, DI 10475* | | | | | | | | | | ▲ Inspect Procured Parts - XPP HRM Misc |
| DI 10490 | Clean - all XPP HRM Parts | 10 | 186 | SL_MFPC | 6,608.64 | DI 10480*, DI 10485 | | | | | | | | | | ▲ Clean - all XPP HRM Parts |
| DI 10495 | In-House Assembly - XPP HRM Parts | 35 | 186 | SL_MF, SL_AT | 18,075.33 | DI 10490* | | | | | | | | | | ▲ In-House Assembly - XPP HRM Parts |
| DI 10500 | Inspect & Fiducialize - XPP HRM | 10 | 186 | SL_MES | 716.08 | DI 10495* | | | | | | | | | | ▲ Inspect & Fiducialize - XPP HRM |
| DI 10505 | Vacuum Process - XPP HRM Parts | 10 | 186 | SL_AT | 4,184.80 | DI 10500* | | | | | | | | | | ▲ Vacuum Process - XPP HRM Parts |
| DI 14980 | Inspect Procured Parts - XCS HRM Long Lead | 15 | 85 | SL_AT | 8,369.60 | DI 14880* | | | | | | | | | | ▲ Inspect Procured Parts - XCS HRM Long Lead |
| DI 15000 | Inspect Procured Parts - XCS HRM Misc Parts | 10 | 120 | SL_AT | 3,421.07 | DI 14960* | | | | | | | | | | ▲ Inspect Procured Parts - XCS HRM Misc Parts |
| DI 15020 | Clean - all XCS HRM Parts | 10 | 85 | SL_MFPC | 6,608.64 | DI 14980*, DI 15000 | | | | | | | | | | ▲ Clean - all XCS HRM Parts |
| DI 15040 | In-House Assembly - XCS HRM Parts | 35 | 85 | SL_MF, SL_AT | 18,075.33 | DI 15020* | | | | | | | | | | ▲ In-House Assembly - XCS HRM Parts |
| DI 15060 | Inspect & Fiducialize - XCS HRM Parts | 10 | 85 | SL_MES | 716.08 | DI 15040* | | | | | | | | | | ▲ Inspect & Fiducialize - XCS HRM Parts |
| DI 15080 | Vacuum Process - XCS HRM Parts | 5 | 85 | SL_AT | 4,184.80 | DI 15060* | | | | | | | | | | ▲ Vacuum Process - XCS HRM Parts |
| 06 Testing | | | | | | | | | | | | | | | | |
| 9110564 Testing - Harmonic Rejection Mirrors | | | | | | | | | | | | | | | | |
| DI 10510 | REQD: XPP HRM Controls HW/SW | 0 | 326 | | 0.00 | CD 05300*, CD 05320* | | | | | | | | | | ◆ REQD: XPP HRM Controls HW/SW |
| DI 10515 | Testing - XPP HRM | 10 | 186 | SL_AT, SL_CT | 2,225.84 | DI 10505*, DI 10510 | | | | | | | | | | ▲ Testing - XPP HRM |
| DI 10520 | AVAIL: XPP HRM Ready for Installation | 0 | 186 | | 0.00 | DI 10515* | | | | | | | | | | ◆ AVAIL: XPP HRM Ready for Installation |
| DI 15085 | REQD: XCS HRM Controls HW/SW | 0 | 100 | | 0.00 | CD 18661*, CD 18663* | | | | | | | | | | ◆ REQD: XCS HRM Controls HW/SW |
| DI 15100 | Testing - XCS HRM | 30 | 85 | SL_AT, SL_CT | 2,265.28 | DI 15080*, DI 15085 | | | | | | | | | | ▲ Testing - XCS HRM |
| DI 15120 | AVAIL: XCS HRM Ready for Installation | 0 | 85 | | 0.00 | DI 15100* | | | | | | | | | | ◆ AVAIL: XCS HRM Ready for Installation |