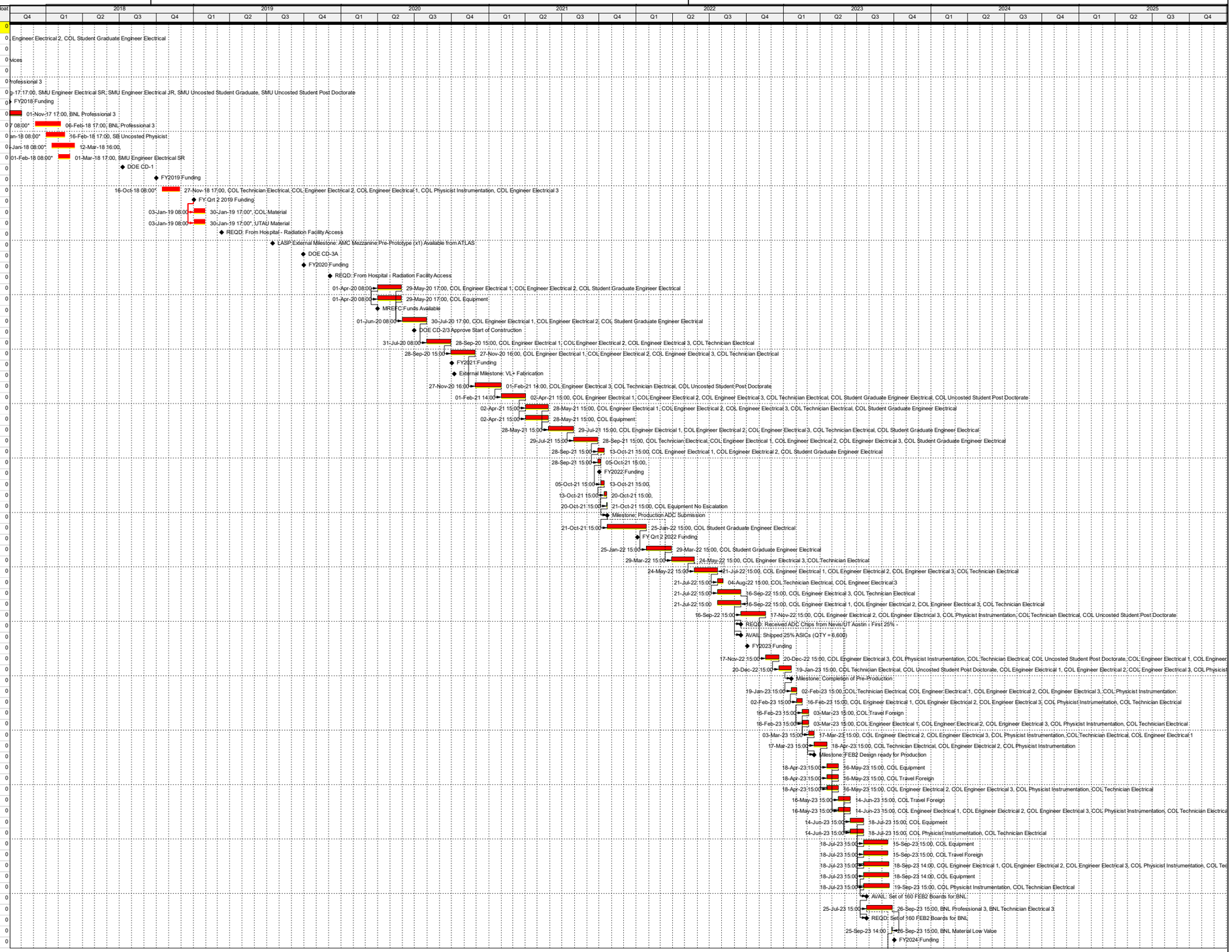
Activity ID	Activity Name	Planned Duration	Start	Finish	Total Float
DOEDRCD3A_6.04	**ATLAS Upgrade Phase II - LAr**	2527	03-Oct-16 08:00	30-Sep-26 08:00	0
FEE410010	Pre-Prototype 1 ADC Schematics Design	43	03-Oct-16 (	02-Dec-16	0
FY2017	FY2017 Funding	0	03-Oct-16 (		0
FEE30010	lpGBT Prototype Design Work, the ePortRx Phase Detector	40	03-Jan-17 (	28-Feb-17	0
ASIC460040	Pre-Prototype Main Test Board Design	43	03-Jan-17 (	03-Mar-17	0
ASIC460010	Pre-Prototype ASIC Submission	21	03-Apr-17 (	01-May-17	0
FEE30390	VL+ Pre-Prototype 1 test LDQ10P with Setup from CERN , Die (	32	03-Jul-17 0	16-Aug-17	0
FY2018	FY2018 Funding	0	02-Oct-17 (		0
SYS460440	LASP Technology Study	22	02-Oct-17 (	01-Nov-17	0
ASIC460100	Pre-Prototype2 ASIC Core and Frame Schematics Design	43	06-Dec-17	06-Feb-18	0
BEE440010	Evaluate Phase I LASP MB and AMC Parts Obsolence	34	02-Jan-18 (	16-Feb-18	0
BEE450010	MB FW Base Block - Develop Preliminary Specification	40	15-Jan-18 (	12-Mar-18	0
FEE30600	Soft_lpGBT - Interface Design and Planning	20	01-Feb-18 (	01-Mar-18	0
CD4000	DOE CD-1	0	09-Jul-18 0		0
FY2019	FY2019 Funding	0	01-Oct-18 (		0
FEB21015	Analog Test Board Schematics Design	30	16-Oct-18 (	27-Nov-18	0
FY2019Q2	FY Qrt 2 2019 Funding	0	02-Jan-19 (		0
FEE410890M	Columbia-Austin Cost Regularization	20	03-Jan-19 (	30-Jan-19	0
FEE420890M	Columbia-Austin Cost Regularization	20	03-Jan-19 (	30-Jan-19	0
FEE420068R	REQD: From Hospital - Radiation Facility Access	0	11-Mar-19 (		0
SYS460559EX	LASP External Milestone: AMC Mezzanine Pre-Prototype (x1) Av	0		16-Jul-19 0	0
CD4010	DOE CD-3A	0	30-Sep-19 (		0
FY2020	FY2020 Funding	0	01-Oct-19 (		0
FEE420145R	REQD: From Hospital - Radiation Facility Access	0	05-Dec-19 (		0
FEE410380	Prototype ADC Schematics Design	42	01-Apr-20 (	29-May-20	0
FEE410380M	Material for Prototype ADC Design	42	01-Apr-20 (	29-May-20	0
MREFC	MREFC Funds Available	0	01-Apr-20 (		0
FEE410390	Prototype ADC Physical Layout Design	43	01-Jun-20 (	30-Jul-20 1	0
CD4015	DOE CD-2/3 Approve Start of Construction	0	30-Jun-20 (		0
FEE410440	Prototype Board Schematics Design	41	31-Jul-20 0	28-Sep-20	0
FEE410450	Prototype Board Layout Design	42	28-Sep-20	27-Nov-20	0
FY2021	FY2021 Funding	0	01-Oct-20 (		0
FEE30490EX	External Milestone: VL+ Fabrication	0		07-Oct-20 (	0
FEE410460	Prototype Board Fabrication	44	27-Nov-20	01-Feb-21	0
FEE410470	Prototype ADC Evaluation Test	43	01-Feb-21	02-Apr-21 1	0
FEE410490	Production ADC Schematics Design	40	02-Apr-21 1	28-May-21	0
FEE410490M	Material for Production ADC Design	40	02-Apr-21 1	28-May-21	0
FEE410500	Production ADC Physical Layout Design	42	28-May-21	29-Jul-21 1	0
FEE410510	Production ADC Post Layout Simulation	42	29-Jul-21 1	28-Sep-21	0
FEE410520	Production ADC Submission	10	28-Sep-21	13-Oct-21 1	0
FEE410520M10	Solicit Quotes	5	28-Sep-21	05-Oct-21 1	0
FY2022	FY2022 Funding	0	01-Oct-21 (		0
FEE410520M20	Select Vendor and Place Order	5	05-Oct-21 1	13-Oct-21 1	0
FEE410520M30	Delivery	5	13-Oct-21 1	20-Oct-21 1	0
FEE410520M40	PMT: Closeout for Production ADC Submission	1	20-Oct-21 1	21-Oct-21 1	0
FEE410530	Milestone: Production ADC Submission	0		21-Oct-21 1	0
FEE410533	Production ADC Fabrication	65	21-Oct-21 1	25-Jan-22 1	0
FY2022Q2	FY Qrt 2 2022 Funding	0	04-Jan-22 (		0
FEE410535	Production ADC Packaging	44	25-Jan-22 1	29-Mar-22	0
FEE410540	Prod 12% ASICs (QTY = 6,600)	40	29-Mar-22	24-May-22	0
FEE410550	Functional Tests and Shipping ASICs (QTY = 6,600)	40	24-May-22	21-Jul-22 1	0
FEE410560	Ship 12% ASICs (QTY = 6,600)	10	21-Jul-22 1	04-Aug-22	0
FEE410570	Prod 25% ASICs (QTY = 13,750)	40	21-Jul-22 1	16-Sep-22	0
FEE410580	Functional Tests and Shipping ASICs (QTY = 6,600)	40	21-Jul-22 1	16-Sep-22	0
FEB21330	Pre-Production Board Fabrication (w/Final Components)	43	16-Sep-22	17-Nov-22	0
FEB21324R	REQD: Received ADC Chips from Nevis/UT Austin - First 25% -	0	16-Sep-22		0
FEE410590A	AVAIL: Shipped 25% ASICs (QTY = 6,600)	0		16-Sep-22	0
FY2023	FY2023 Funding	0	03-Oct-22 (		0
FEB21340	Pre-Production Board Functional Test (QTY = 10)	22	17-Nov-22	20-Dec-22	0
FEB21350	Pre-Production Board Performance Test	20	20-Dec-22	19-Jan-23 1	0
FEB21360	Milestone: Completion of Pre-Production	0		19-Jan-23 1	0
FEB21370	Production Board Schematics Design	10	19-Jan-23 1	02-Feb-23	0
FEB21380	Production Board Layout Design	10	02-Feb-23	16-Feb-23	0
FEB21390T	Travel for Production Board Design Review	10	16-Feb-23	03-Mar-23	0
FEB21390	Production Board Design Review	10	16-Feb-23	03-Mar-23	0
FEB21400	Production Board Design Finalization	10	03-Mar-23	17-Mar-23	0
FEB21420	Production Board PCB Fabrication - First 25%	22	17-Mar-23	18-Apr-23 1	0
FEB21410	Milestone: FEB2 Design ready for Production	0	17-Mar-23		0
FEB21430M	Material for Production Board PCB Assembly - First Articles	20	18-Apr-23 1	16-May-23	0
FEB21430T	Travel for Production Board PCB Assembly - First Articles	20	18-Apr-23 1	16-May-23	0
FEB21430	Production Board PCB Assembly - First Articles	20	18-Apr-23 1	16-May-23	0
FEB21440T	Travel for Production Board Test - First Articles (QTY = 7)	20	16-May-23	14-Jun-23 1	0
FEB21440	Production Board Test - First Articles (QTY = 7)	20	16-May-23	14-Jun-23 1	0
FEB21450M	PMT: for Production Board PCB Assembly - First 25% (QTY = 4	23	14-Jun-23 1	18-Jul-23 1	0
FEB21450	Production Board PCB Assembly - First 25% (QTY = 405)	23	14-Jun-23 1	18-Jul-23 1	0
FEB21460M	Material for Production Board Test - First 25% (QTY = 405)	42	18-Jul-23 1	15-Sep-23	0
FEB21460T	Travel for Production Board Test - First 25% (QTY = 405)	42	18-Jul-23 1	15-Sep-23	0
FEB21460	Production Board Test - First 25% (QTY = 405)	43	18-Jul-23 1	18-Sep-23	0
FEB21470M	Material for Ship First Set of 160 FEB2 Boards to BNL	43	18-Jul-23 1	18-Sep-23	0
FEB21470	Ship First Set of 160 FEB2 Boards to BNL	44	18-Jul-23 1	19-Sep-23	0
FEB21471A	AVAIL: Set of 160 FEB2 Boards for BNL	0	25-Jul-23 1		0
SYS460340	FEB2 Prod Evaluation Test Set 1 - 160 Boards	44	25-Jul-23 1	26-Sep-23	0
SYS460339R	REQD: Set of 160 FEB2 Boards for BNL	0	25-Jul-23 1		0
SYS460340M	Material for FEB2 Prod Evaluation Test Set 1 - 160 Boards	1	25-Sep-23	26-Sep-23	0
FY2024	FY2024 Funding	0	02-Oct-23 (		0



Remaining Level of Effort | Primary Baseline | Remaining Work
Actual Level of Effort | Actual Work | Critical Remaining Work

TASK filters: (Untitled Filter)_2, Critical, Obligations, WBS.

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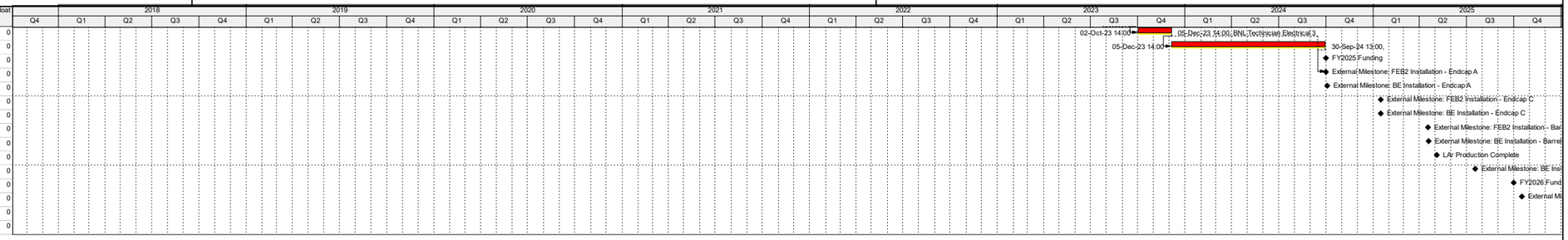
Activity ID	Activity Name	Planned Duration	Start	Finish	Total Float
SYS460343	FEB2 Prod Evaluation Test Set 1 Shipment	44	02-Oct-23 1	05-Dec-23	0
SYS460344	Schedule Contingency	208	05-Dec-23	30-Sep-24 1	0
FY2025	FY2025 Funding	0	01-Oct-24 (		0
FEB21725EX10	External Milestone: FEB2 Installation - Endcap A	0	01-Oct-24 (		0
BEE440865EX10	External Milestone: BE Installation - Endcap A	0	03-Oct-24 (		0
FEB21735EX10	External Milestone: FEB2 Installation - Endcap C	0	15-Jan-25 (		0
BEE440868EX10	External Milestone: BE Installation - Endcap C	0	16-Jan-25 (		0
FEB21755EX10	External Milestone: FEB2 Installation - Barrel C	0	17-Apr-25 (		0
BEE440915EX10	External Milestone: BE Installation - Barrel C	0	18-Apr-25 (		0
CD4020	LAr Production Complete	0	05-May-25 (		0
BEE450840EX10	External Milestone: BE Installation - Barrel A	0	18-Jul-25 0(		0
FY2026	FY2026 Funding	0	01-Oct-25 (		0
FEB21765EX10	External Milestone: FEB2 Installation - Barrel A	0	17-Oct-25 (		0
XCD4004	LAr Complete	0		29-Sep-26 1	0
CD4030	DOE CD-4 (Early Finish)	0		30-Sep-26 (	0



Remaining Level of Effort | Primary Baseline | Remaining Work
Actual Level of Effort | Actual Work | Critical Remaining Work

TASK filters: (Untitled Filter)_2, Critical, Obligations, WBS.

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