

Data Date: 01-Jan-24

TASK filters: Activities - Yulia Review, Not Complete.

 Remaining Level of Effort
  Actual Level of Effort
  Actual Work

 Remaining Work
  Critical Remaining Work
  Milestone

 SVT
  L1 Milestone
  L2 Milestone

 L3 Milestone

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Prepared by: ewoolsey | Date: 17-Jan-24 | Time: 14:37

Data Date: 01-Jan-24

TASK filters: Activities - Yulia Review, Not Complete.

 Remaining Level of Effort  Actual Level of Effort  Actual Work	 Remaining Work  Critical Remaining Work  Milestone	 SVT  L1 Milestone  L2 Milestone	 L3 Milestone	Page 2 of 9	Prepared by: ewoolsey Date: 17-Jan-24 Time: 14:37
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EIC - Status/Working File

Data Date: 01-Jan-24

Activities with Gantt

TASK filters: Activities - Yulia Review, Not Complete.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
E1011_06880	Prepare Award Documents for p-veto- Si small-Pad sensor (ZDC)	40	09-Feb-26	03-Apr-26	927														
E1011_06980	Prepare Award Documents for p-veto - Si small-Pad readout (ZDC)	20	09-Feb-26	06-Mar-26	932														
E1011_06780	Prepare Award Documents for Imaging W+Si - Procure W Plates (ZDC)	50	09-Feb-26	17-Apr-26	1175														
E1011_07080	Prepare Award Documents for Imaging W+Si - Si small Pad sensors (ZDC)	100	09-Feb-26	30-Jun-26	935														
E1011_07180	Prepare Award Documents for Imaging W+Si - Si small Pad readout (ZDC)	112	09-Feb-26	17-Jul-26	923														
E1011_07280	Prepare Award Documents for Imaging W+Si - Si high gr Pad sensor (ZDC)	20	09-Feb-26	06-Mar-26	919														
E1011_07380	Prepare Award Documents for Imaging W+Si - Si high gr Pad readout (ZDC)	20	09-Feb-26	06-Mar-26	947														
E1011_07480	Prepare Award Documents for Imaging Pb+Si - Si small Pad sensor (ZDC)	110	09-Feb-26	15-Jul-26	916														
E1011_07580	Prepare Award Documents for Imaging Pb+Si - Si small Pad readout (ZDC)	110	09-Feb-26	15-Jul-26	907														
E1011_07680	Prepare Award Documents for Imaging Pb+Si - Pb Plates (ZDC)	20	09-Feb-26	06-Mar-26	1261														
E1011_07780	Prepare Award Documents for HCAL Pb+Sci - Pb Plates (ZDC)	20	09-Feb-26	06-Mar-26	1258														
E1011_07880	Prepare Award Documents for HCAL Pb+Sci - Scintillators readout (ZDC)	60	09-Feb-26	01-May-26	1114														
E1011_07980	Prepare Award Documents for HCAL Pb+Sci - Scintillators (ZDC)	20	09-Feb-26	06-Mar-26	1120														
E1011_07000	Award: p-veto - Si small-Pad readout (ZDC)	1	09-Mar-26	09-Mar-26	932														
E1011_07300	Award: Imaging W+Si - Si high gr Pad sensor (ZDC)	1	09-Mar-26	09-Mar-26	919														
E1011_07400	Award: Imaging W+Si - Si high gr Pad readout (ZDC)	1	09-Mar-26	09-Mar-26	947														
E1011_07700	Award: Imaging Pb+Si - Pb Plates (ZDC)	1	09-Mar-26	09-Mar-26	1261														
E1011_07800	Award: HCAL Pb+Sci - Pb Plates (ZDC)	1	09-Mar-26	09-Mar-26	1258														
E1011_08000	Award: HCAL Pb+Sci - Scintillators (ZDC)	1	09-Mar-26	09-Mar-26	1120														
E1011_07020	Vendor Effort p-veto - Si small-Pad readout (ZDC)	488	10-Mar-26	28-Feb-28	932														
E1011_07320	Vendor Effort Imaging W+Si - Si high gr Pad sensor (ZDC)	501	10-Mar-26	16-Mar-28	919														
E1011_07420	Vendor Effort Imaging W+Si - Si high gr Pad readout (ZDC)	473	10-Mar-26	07-Feb-28	947														
E1011_07720	Vendor Effort Imaging Pb+Si - Pb Plates (ZDC)	159	10-Mar-26	22-Oct-26	1261														
E1011_07820	Vendor Effort HCAL Pb+Sci - Pb Plates (ZDC)	162	10-Mar-26	27-Oct-26	1258														
E1011_08020	Vendor Effort HCAL Pb+Sci - Scintillators (ZDC)	300	10-Mar-26	21-May-27	1120														
E1011_05240	Prepare Spec/SOW/APP (B0)	526	26-Mar-26	08-May-28	229														
E1011_05220	Update Final Design based on Engineering Test Article Testing (B0)	517	26-Mar-26	25-Apr-28	229														
E1011_06700	Award: Electronics - EMCAL PbWO4- readout SiPM/APD/PMT (ZDC)	1	06-Apr-26	06-Apr-26	1067														
E1011_06900	Award: p-veto- Si small-Pad sensor (ZDC)	1	06-Apr-26	06-Apr-26	927														
E1011_06720	Vendor Effort Electronics - EMCAL PbWO4- readout SiPM/APD/PMT (ZDC)	333	07-Apr-26	09-Aug-27	1067														
E1011_06920	Vendor Effort p-veto- Si small-Pad sensor (ZDC)	473	07-Apr-26	06-Mar-28	927														
E1011_01740	Engineering Test Article design AC-LGAD sensors (combined OMD & RP)	120	17-Apr-26	07-Oct-26	282														
E1011_06800	Award: Imaging W+Si - Procure W Plates (ZDC)	1	20-Apr-26	20-Apr-26	1175														
E1011_06820	Vendor Effort Imaging W+Si - Procure W Plates (ZDC)	215	21-Apr-26	05-Mar-27	1175														
E1011_06600	Award: EMCAL PbWO4 - Crystals (ZDC)	1	04-May-26	04-May-26	1062														
E1011_07900	Award: HCAL Pb+Sci - Scintillators readout (ZDC)	1	04-May-26	04-May-26	1114														
E1011_06620	Vendor Effort EMCAL PbWO4 - Crystals (ZDC)	318	05-May-26	16-Aug-27	1062														
E1011_07920	Vendor Effort HCAL Pb+Sci - Scintillators readout (ZDC)	266	05-May-26	01-Jun-27	1114														
E1011_09680	Engineering Test Article Testing (Low Q2)	80	13-May-26	04-Sep-26	287														
E1011_09980	AWARD: First and Second Station HV/LV/FE readout boards Procurement (Low Q2)	1	12-Jun-26	12-Jun-26	519														
E1011_10000	Vendor Effort First and Second Station HV/LV/FE readout boards (Low Q2)	499	15-Jun-26	20-Jun-28	519														
E1011_07100	Award: Imaging W+Si - Si small Pad sensors (ZDC)	1	01-Jul-26	01-Jul-26	935														
E1011_07120	Vendor Effort Imaging W+Si - Si small Pad sensors (ZDC)	405	02-Jul-26	23-Feb-28	935														
E1011_07500	Award: Imaging Pb+Si - Si small Pad sensor (ZDC)	1	16-Jul-26	16-Jul-26	916														
E1011_07600	Award: Imaging Pb+Si - Si small Pad readout (ZDC)	1	16-Jul-26	16-Jul-26	907														
E1011_07520	Vendor Effort Imaging Pb+Si - Si small Pad sensor (ZDC)	414	17-Jul-26	21-Mar-28	916														
E1011_07620	Vendor Effort Imaging Pb+Si - Si small Pad readout (ZDC)	423	17-Jul-26	03-Apr-28	907														
E1011_07200	AWARD: Imaging W+Si - Si small Pad readout (ZDC)	1	20-Jul-26	20-Jul-26	923														
E1011_07220	Vendor Effort Imaging W+Si - Si small Pad readout (ZDC)	405	21-Jul-26	10-Mar-28	923														
E1011_09700	Update Final Design based on Engineering Test Article Testing (Low Q2)	20	08-Sep-26	05-Oct-26	287														
E1011_08140	RCV: Mechanical support/table (ZDC)	1	30-Sep-26	30-Sep-26	462														
E1011_08260	Mechanical support/table assembly (ZDC)	147	01-Oct-26	07-May-27	462														
E1011_09720	Prepare Spec/SOW/APP for Production Hardware (Low Q2)	40	06-Oct-26	02-Dec-26	287														
E1011_01760	FDR - Final Design Complete and FDR Held (OMD & RP)	0		07-Oct-26	282			◆											
E1011_01780	RQN: Engineering Test Article Cooling System (RP)	1	08-Oct-26	08-Oct-26	314														
E1011_01880	RQN: Engineering Test Article Read out ASIC design (RP)	1	08-Oct-26	08-Oct-26	435														
E1011_01980	RQN: Engineering Test Article Sensors (RP)	1	08-Oct-26	08-Oct-26	431														
E1011_02080	RQN: Engineering Test Article Cables (RP) (OMD)	1	08-Oct-26	08-Oct-26	1145														
E1011_02180	SVT from Final Design Complete (OMD & RP)	70	08-Oct-26	27-Jan-27	291														

 Remaining Level of Effort
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  L3 Milestone
 Actual Level of Effort
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 Milestone
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Activities with Gantt

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
E1014_06740	Luminosity Monitor - Contract Award	1	14-Apr-27	14-Apr-27	783														
E1014_06780	Luminosity Monitor - Procurement and Fabrication - Materials	120	15-Apr-27	05-Oct-27	783				■										
E1014_06760	Luminosity Monitor - Procurement and Fabrication - Oversight	120	15-Apr-27	05-Oct-27	783				■										
E1014_06800	Luminosity Monitor - Procurement and Fabrication - Materials In-Kind	120	15-Apr-27	05-Oct-27	783				■										
E1011_02400	RCV: Engineering Test Article Cooling System (RP) (OMD)	1	15-Apr-27	16-Apr-27	284														
E1011_02780	SVT from RCV: Engineering Test Article Cooling System (RP) (OMD)	26	16-Apr-27	24-May-27	284				□										
E1011_02640	RCV: Engineering Test Article Readout ASICS (RP) (OMD)	1	30-Apr-27	30-Apr-27	414														
E1011_02680	RQN: Engineering Test Article Mechanical frame (OMD)	1	05-May-27	05-May-27	282														
E1011_02700	Prepare Award Documents for Engineering Test Article Mechanical frame (OMD)	5	06-May-27	12-May-27	282														
E1011_08460	SVT to Start of EMCAL PbW04 - Mechanical support/frame/cooling assembly	73	10-May-27	23-Aug-27	520				▬										
E1011_08620	SVT to Start of Imaging W-Si - Mechanical support/frame/cooling assembly	73	10-May-27	23-Aug-27	684				▬										
E1011_08780	SVT to Start of Imaging Pb-Si - Mechanical support/frame/cooling assembly	73	10-May-27	23-Aug-27	484				▬										
E1011_08940	SVT to Start of HCAL Pb-Sci - Mechanical support/frame/cooling assembly (ZDC)	67	10-May-27	13-Aug-27	462				▬										
E1011_02280	RCV: Engineering Test Article Mechanical frame (RP) (OMD)	1	12-May-27	13-May-27	291														
E1011_02720	AWARD: Engineering Test Article Mechanical frame (OMD)	1	13-May-27	13-May-27	282														
E1011_02740	Vendor Effort Engineering Test Article Mechanical frame (OMD)	25	14-May-27	21-Jun-27	282				■										
E1011_04900	Prepare Award documentation for Engineering Test Article AC-LGAD sensors (B0)	30	19-May-27	01-Jul-27	646				■										
E1011_05040	Prepare Award documentation for Engineering Test Article - read out ASIC (B0)	12	19-May-27	04-Jun-27	572				■										
E1011_09880	AWARD: First and Second Station Readout for Si, Cal FE, HV/LV/etc... Procurement (Low Q2)	1	21-May-27	21-May-27	341														
E1011_10080	AWARD: First and Second Station First and Second Station Silicon Procurement (Low Q2)	1	21-May-27	21-May-27	287														
E1011_08040	RCV: HCAL Pb+Sci - Scintillators (ZDC)	1	24-May-27	24-May-27	1120														
E1011_09900	Vendor Effort First and Second Station Readout for Si, Cal FE, HV/LV/etc... (Low Q2)	445	24-May-27	12-Mar-29	341				■										
E1011_10100	Vendor Effort First and Second Station First and Second Station Silicon (Low Q2)	499	24-May-27	25-May-29	287				■										
E1011_02800	Engineering Test Article Cooling assembly and testing (RP) (OMD)	80	24-May-27	17-Sep-27	284				■										
E1011_02900	Final design update based on Engineering Test Article - Cooling system (RP) (OMD)	120	24-May-27	12-Nov-27	284				■										
E1011_07940	RCV: HCAL Pb+Sci - Scintillators readout (ZDC)	1	02-Jun-27	02-Jun-27	1114														
E1011_05060	AWARD: Engineering Test Article - read out ASIC (B0)	1	07-Jun-27	07-Jun-27	572														
E1011_05080	Vendor Effort Engineering Test Article - read out ASIC (B0)	118	08-Jun-27	23-Nov-27	572				■										
E1011_02760	RCV: Engineering Test Article Mechanical frame (OMD)	1	22-Jun-27	22-Jun-27	282														
E1011_02820	Engineering Test Article assembly (RP) (OMD)	39	23-Jun-27	17-Aug-27	282				■										
E1011_02840	SVT from start of Engineering Test Article assembly (RP) (OMD)	22	23-Jun-27	23-Jul-27	282				□										
E1011_04920	AWARD: Engineering Test Article AC-LGAD sensors (B0)	1	02-Jul-27	02-Jul-27	646														
E1011_04940	Vendor Effort Engineering Test Article AC-LGAD sensors (B0)	26	06-Jul-27	10-Aug-27	646				■										
E1011_02860	POT Engineering Test Article assembly (RP) (OMD)	80	26-Jul-27	15-Nov-27	282				■										
E1011_06740	RCV: EMCAL PbWO4- readout SiPM/APD/PMT (ZDC)	1	10-Aug-27	10-Aug-27	1067														
E1011_04960	RCV: Engineering Test Article AC-LGAD sensors (B0)	1	11-Aug-27	11-Aug-27	646														
E1011_08960	HCAL Pb-Sci - Mechanical support/frame/cooling assembly (ZDC)	232	16-Aug-27	21-Jul-28	462				■										
E1011_08980	SVT to Start of HCAL Pb-Sci— Pb, Sci and ASICS assembly (ZDC)	99	16-Aug-27	12-Jan-28	462				▬										
E1011_06640	RCV: EMCAL PbWO4 - Crystals (ZDC)	1	17-Aug-27	17-Aug-27	1062														
E1011_08480	EMCAL PbW04 - Mechanical support/frame/cooling assembly (ZDC)	233	24-Aug-27	01-Aug-28	520				■										
E1011_08640	Imaging W-Si - Mechanical support/frame/cooling assembly (ZDC)	249	24-Aug-27	23-Aug-28	684				■										
E1011_08800	Imaging Pb-Si - Mechanical support/frame/cooling assembly (ZDC)	243	24-Aug-27	15-Aug-28	484				■										
E1011_08500	SVT to Start of EMCAL PbWO4 - CAL and ASICS assembly (ZDC)	31	24-Aug-27	06-Oct-27	520				□										
E1011_08660	SVT to Start of Imaging W-Si - W, Si and ASICS assembly (ZDC)	61	24-Aug-27	17-Nov-27	684				▬										
E1011_08820	SVT to Start of Imaging Pb-Si - Pb, Si and ASICS assembly (ZDC)	70	24-Aug-27	02-Dec-27	484				▬										
E1014_06840	Luminosity Monitor - Test, Final Acceptance	20	08-Sep-27	05-Oct-27	783				■										
E1011_08300	SVT to Start of p-Veto - Mechanical support/frame/cooling assembly	55	15-Sep-27	02-Dec-27	604				▬										
E1011_10140	RQN:Mechanical frame material (for both Stations) (Low Q2)	1	01-Oct-27	01-Oct-27	637														
E1011_10240	RQN:Cooling sysytem (Low Q2)	1	01-Oct-27	01-Oct-27	518														
E1011_10160	Prepare Award Documents for Mechanical frame material (for both Stations) Procurement (Low Q2)	10	04-Oct-27	15-Oct-27	637				■										
E1011_10260	Prepare Award Documents for Cooling sysytem Procurement (Low Q2)	40	04-Oct-27	30-Nov-27	518				■										
E1014_06820	Luminosity Monitor - Vendor Delivery	0		05-Oct-27	783				◆										
E1014_06860	Luminosity Monitor - Assembly and Installation - Labor	250	06-Oct-27	05-Oct-28	783				■										
E1014_06900	Luminosity Monitor - Assembly and Installation - Materials	250	06-Oct-27	05-Oct-28	783				■										
E1014_06880	Luminosity Monitor - Assembly and Installation - Labor In-Kind	250	06-Oct-27	05-Oct-28	783				■										
E1011_08520	EMCAL PbWO4 - CAL and ASICS assembly (ZDC)	397	07-Oct-27	15-May-29	520				■										
E1011_08540	SVT to Start of EMCAL PbWO4 - CAL and ASICS testing (ZDC)	48	07-Oct-27	15-Dec-27	520				▬										
E1011_05300	AWARD: PbWO4 (2cm x 2cm x 20cm) with readout (B0)	1	18-Oct-27	18-Oct-27	563														
E1011_10180	AWARD: Mechanical frame material (for both Stations) Procurement (Low Q2)	1	18-Oct-27	18-Oct-27	637														

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Activities with Gantt

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EIC - Status/Working File			Activities with Gantt																						
Data Date: 01-Jan-24			TASK filters: Activities - Yulia Review, Not Complete.																						
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037						
E1011_10320	RCV: Cooling sysytem (Low Q2)	1	28-Mar-28	28-Mar-28	518																				
E1011_10500	Construction and assembly -- Assembly of cooling (Low Q2)	60	29-Mar-28	22-Jun-28	518																				
E1011_07640	RCV: Imaging Pb+Si - Si small Pad readout (ZDC)	1	04-Apr-28	04-Apr-28	907																				
E1011_09100	Zero Degree Calorimeter (ZDC) - Vendor Delivery (ZDC)	0		04-Apr-28	907																				
E1011_08920	Imaging Pb-Si - HV, LV, readout testing (ZDC)	409	25-Apr-28	13-Dec-29	484																				
E1011_03020	AWARD: Sensors (RP)	1	03-May-28	03-May-28	291																				
E1011_03040	Vendor Effort Sensors (RP)	440	04-May-28	15-Feb-30	291																				
E1011_05360	RQN: AC-LGAD/Timing (B0)	1	09-May-28	09-May-28	417																				
E1011_05460	RQN: Si/ High granularity (B0)	1	09-May-28	09-May-28	413																				
E1011_05560	RQN: Cooling Systems (B0)	1	09-May-28	09-May-28	700																				
E1011_05660	RQN: Mechanical support structure - Materials (B0)	1	09-May-28	09-May-28	229																				
E1011_05380	Prepare Award documentation for AC-LGAD/Timing (B0)	20	10-May-28	07-Jun-28	417																				
E1011_05480	Prepare Award documentation for Si/ High granularity (B0)	20	10-May-28	07-Jun-28	413																				
E1011_05580	Prepare Award documentation for Cooling Systems (B0)	27	10-May-28	16-Jun-28	700																				
E1011_05680	Prepare Award documentation for Mechanical support structure - Materials (B0)	25	10-May-28	14-Jun-28	229																				
E1011_09080	HCAL Pb-Sci— HV, LV, readout testing (ZDC)	420	10-May-28	24-Jan-30	462																				
E1011_03120	AWARD: ASCIS (RP)	1	16-May-28	16-May-28	282																				
E1011_03140	Vendor Effort ASCIS (RP)	422	17-May-28	04-Feb-30	282																				
E1011_04020	SVT from Start of Vendor Effort ASCIS (RP)	253	17-May-28	23-May-29	282																				
E1011_08440	p-Veto - HV, LV, readout testing (ZDC)	269	23-May-28	22-Jun-29	604																				
E1011_03320	AWARD: ASCIS (OMD)	1	30-May-28	30-May-28	440																				
E1011_03340	Vendor Effort ASCIS (OMD)	416	31-May-28	07-Feb-30	440																				
E1011_03220	AWARD: Sensors (OMD)	1	07-Jun-28	07-Jun-28	446																				
E1011_03240	Vendor Effort Sensors (OMD)	404	08-Jun-28	30-Jan-30	446																				
E1011_03400	RQN: POT: Mechanical Vacuum Stations (OMD) (RP)	1	08-Jun-28	08-Jun-28	626																				
E1011_03500	RQN: POT: RF Shielding (OMD) (RP)	1	08-Jun-28	08-Jun-28	613																				
E1011_05400	AWARD: AC-LGAD/Timing (B0)	1	08-Jun-28	08-Jun-28	417																				
E1011_05500	AWARD: Si/ High granularity (B0)	1	08-Jun-28	08-Jun-28	413																				
E1011_03420	Prepare Award Documents for POT: Mechanical Vacuum Stations (OMD) (RP)	117	09-Jun-28	27-Nov-28	626																				
E1011_03520	Prepare Award Documents for POT: RF Shielding (OMD) (RP)	117	09-Jun-28	27-Nov-28	613																				
E1011_05420	Vendor Effort AC-LGAD/Timing (B0)	243	09-Jun-28	01-Jun-29	417																				
E1011_05520	Vendor Effort Si/ High granularity (B0)	247	09-Jun-28	07-Jun-29	413																				
E1011_05700	AWARD: Mechanical support structure - Materials (B0)	1	15-Jun-28	15-Jun-28	229																				
E1011_05720	Vendor Effort Mechanical support structure - Materials (B0)	46	16-Jun-28	23-Aug-28	229																				
E1011_05600	AWARD: Cooling Systems (B0)	1	16-Jun-28	20-Jun-28	700																				
E1011_05620	Vendor Effort Cooling Systems (B0)	77	20-Jun-28	09-Oct-28	700																				
E1011_10020	RCV: First and Second Station HV/LV/FE readout boards (Low Q2)	1	21-Jun-28	21-Jun-28	519																				
E1011_05860	RCV: Mechanical frame EMCAL/Pre-shower (B0)	1	18-Jul-28	18-Jul-28	355																				
E1011_05740	RCV: Mechanical support structure - Materials (B0)	1	23-Aug-28	24-Aug-28	229																				
E1011_05880	Frame construction (B0)	40	24-Aug-28	20-Oct-28	229																				
E1011_05900	SVT from Start of Frame Construction (B0)	103	24-Aug-28	30-Jan-29	630																				
E1014_06920	Luminosity Monitor - Ready for Installation	0		05-Oct-28	783																				
E1011_05640	RCV: Cooling Systems (B0)	1	10-Oct-28	10-Oct-28	700																				
E1011_05940	Mechanical support structure Assembly (B0)	30	20-Oct-28	05-Dec-28	229																				
E1011_05960	Mechanical support structure Assembly - material for adjustment (B0)	60	20-Oct-28	25-Jan-29	229																				
E1011_05340	RCV: PbWO4 (2cm x 2cm x 20cm) material (B0)	1	27-Oct-28	27-Oct-28	563																				
E1011_03440	AWARD: POT: Mechanical Vacuum Stations (OMD) (RP)	2	28-Nov-28	29-Nov-28	626																				
E1011_03540	AWARD: POT: RF Shielding (OMD) (RP)	2	28-Nov-28	29-Nov-28	613																				
E1011_03460	Vendor Effort POT: Mechanical Vacuum Stations (OMD) (RP)	104	30-Nov-28	03-May-29	626																				
E1011_03560	Vendor Effort POT: RF Shielding (OMD) (RP)	117	30-Nov-28	22-May-29	613																				
E1011_03820	RQN: Cooling Chiller (OMD) (RP)	1	11-Jan-29	11-Jan-29	444																				
E1011_03720	RQN: Support Frame (OMD) (RP)	1	11-Jan-29	11-Jan-29	484																				
E1011_03620	RQN: POT: Moving Stages and Support Frame (OMD) (RP)	1	11-Jan-29	11-Jan-29	490																				
E1011_03920	RQN: Cooling Pipes (OMD) (RP)	1	11-Jan-29	11-Jan-29	456																				
E1011_03840	Prepare Award Documents for Cooling Chiller (OMD) (RP)	112	12-Jan-29	21-Jun-29	444																				
E1011_03740	Prepare Award Documents for Support Frame (OMD) (RP)	98																							

EIC - Status/Working File			Activities with Gantt																						
Data Date: 01-Jan-24			TASK filters: Activities - Yulia Review, Not Complete.																						
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037						
E1011_05920	Cooling System Installation (B0)	76	30-Jan-29	16-May-29	630																				
E1011_06000	Assembly EMCal (B0)	30	08-Mar-29	19-Apr-29	229																				
E1011_09920	RCV:First and Second Station Readout for Si, Cal FE, HV/LV/etc... (Low Q2)	1	13-Mar-29	13-Mar-29	341																				
E1011_06020	Testing - EMCAL (B0)	30	19-Apr-29	01-Jun-29	509																				
E1011_06040	Mechanical frames and mechanics for Tracking layers (B0)	30	19-Apr-29	01-Jun-29	229																				
E1011_06060	Assembly - Sensors and ASICS (B0)	110	19-Apr-29	26-Sep-29	229																				
E1011_03660	AWARD: POT: Moving Stages and Support Frame (OMD) (RP)	1	02-May-29	02-May-29	490																				
E1011_03680	Vendor Effort POT: Moving Stages and Support Frame (OMD) (RP)	137	03-May-29	15-Nov-29	490																				
E1011_03480	RCV: POT: Mechanical Vacuum Stations (OMD) (RP)	1	04-May-29	04-May-29	626																				
E1011_03580	RCV: POT: RF Shielding (OMD) (RP)	1	23-May-29	23-May-29	613																				
E1011_04040	Testing Silicon and ASICS (RP)	424	24-May-29	17-Feb-31	456																				
E1011_04060	Roman Pots (RP) - Assembly of Sensors and ASICS	424	24-May-29	17-Feb-31	456																				
E1011_04080	Pot construction/manufacture (RP)	129	24-May-29	28-Nov-29	282																				
E1011_04100	SVT from Start of Pot construction/manufacture (RP)	43	24-May-29	26-Jul-29	412																				
E1011_04200	SVT from Start of Pot construction/manufacture (RP)	14	24-May-29	13-Jun-29	282																				
E1011_10120	RCV: First and Second Station First and Second Station Silicon (Low Q2)	1	29-May-29	29-May-29	287																				
E1011_10440	Vendor Deliveries complete (Low Q2)	0		29-May-29	287																				
E1011_10520	Construction and assembly – Silicon ,CAL and ASICS testing both sides (Low Q2)	167	30-May-29	05-Feb-30	287																				
E1011_10540	SVT to start of Assembly (Low Q2)	84	30-May-29	27-Sep-29	287																				
E1011_03760	AWARD: Support Frame (OMD) (RP)	1	01-Jun-29	01-Jun-29	484																				
E1011_03780	Vendor Effort Support Frame (OMD) (RP)	122	04-Jun-29	27-Nov-29	484																				
E1011_05440	RCV: AC-LGAD/Timing (B0)	1	04-Jun-29	04-Jun-29	417																				
E1011_05540	RCV:Si/ High granularity (B0)	1	08-Jun-29	08-Jun-29	413																				
E1011_04220	Pot Vacuum and RF mechanics fabrication (RP)	80	14-Jun-29	08-Oct-29	282																				
E1011_03860	AWARD: Cooling Chiller (OMD) (RP)	1	22-Jun-29	22-Jun-29	444																				
E1011_03960	AWARD: Cooling Pipes (OMD) (RP)	1	22-Jun-29	22-Jun-29	456																				
E1011_04340	Assembly of cooling (OMD) (RP)	50	25-Jun-29	04-Sep-29	503																				
E1011_03880	Vendor Effort Cooling Chiller (OMD) (RP)	148	25-Jun-29	01-Feb-30	444																				
E1011_03980	Vendor Effort Cooling Pipes (OMD) (RP)	136	25-Jun-29	15-Jan-30	456																				
E1011_04120	Pot construction/manufacture (OMD)	120	27-Jul-29	25-Jan-30	412																				
E1011_04140	SVT from Start of Pot construction/manufacture (OMD)	57	27-Jul-29	16-Oct-29	412																				
E1011_04360	Assembly of cooling frames (OMD) (RP)	13	05-Sep-29	21-Sep-29	503																				
E1011_04380	Installation of cooling frames (OMD) (RP)	27	24-Sep-29	30-Oct-29	503																				
E1011_06080	Testing - Silicon and ASICS (B0)	110	26-Sep-29	13-Mar-30	229																				
E1011_10560	Construction and assembly - Assembly of Sensors, CAL and ASICS both sides (Low Q2)	167	28-Sep-29	04-Jun-30	287																				
E1011_10580	SVT to start of Mechanical Integration (Low Q2)	84	28-Sep-29	06-Feb-30	287																				
E1011_04260	Pot Vacuum and RF mechanics assembly/integration (OMD)	80	09-Oct-29	11-Feb-30	282																				
E1011_04240	Pot Vacuum and RF mechanics assembly/integration (RP)	129	09-Oct-29	19-Apr-30	390																				
E1011_04160	Pot mechanics assembly (RP)	80	17-Oct-29	19-Feb-30	433																				
E1011_04180	Pot mechanics assembly (OMD)	120	17-Oct-29	16-Apr-30	412																				
L3_5020	CD-3A Scope Complete	0		23-Oct-29	590																				
L3_5030	Schedule Float: CD-3A Scope Complete	143	24-Oct-29	21-May-30	590																				
E1011_03700	RCV: POT: Moving Stages and Support Frame (OMD) (RP)	1	16-Nov-29	16-Nov-29	490																				
E1011_03800	RCV: Support Frame (OMD) (RP)	1	28-Nov-29	28-Nov-29	484																				
E1011_04000	RCV: Cooling Pipes (OMD) (RP)	1	16-Jan-30	16-Jan-30	456																				
E1011_09120	Zero Degree Calorimeter (ZDC) - Ready for Installation (ZDC)	0		24-Jan-30	462																				
E1011_03260	RCV: Sensors (OMD)	1	31-Jan-30	31-Jan-30	446																				
E1011_03900	RCV: Cooling Chiller (OMD) (RP)	1	04-Feb-30	04-Feb-30	444																				
E1011_03160	RCV: ASCIS (RP)	1	05-Feb-30	05-Feb-30	443																				
E1011_10600	Construction and assembly - Assembly and mechanical integration of modules (for both Stations) (Low Q2)	106	07-Feb-30	09-Jul-30	287																				
E1011_03360	RCV: ASCIS (OMD)	1	08-Feb-30	08-Feb-30	440																				
E1011_04280	Assembly of PRs modules/planes (RP)	148	12-Feb-30	11-Sep-30	282																				
E1011_04320	Assembly of OMD modules/planes (OMD)	176	12-Feb-30	21-Oct-30	282																				
E1011_04300	Assembly of RPs modules/planes (OMD)	165	12-Feb-30	04-Oct-30	293																				
E1011_03060	RCV: Sensors (RP)	1	18-Feb-30	18-Feb-30	434																				
E1011_06100	Assembly - of Tracking Si planes (B0)	90	13-Mar-30	22-Jul-30	229																				
L2_410	CD-3A Scope Complete	0		21-May-30	590																				

EIC - Status/Working File

Data Date: 01-Jan-24

Activities with Gantt

[TASK filters: Activities - Yulia Review, Not Complete.](#)

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
E1011_06120	Full system assembly and testing (B0)	110	22-Jul-30	07-Jan-31	229														
E1011_04400	Full RP System Assembly and Test (RP)	110	12-Sep-30	27-Feb-31	291														
E1011_10640	Ready for Installation (Low Q2)	0		02-Oct-30	287														
E1011_04420	Full OMD System Assembly and Test (OMD)	91	22-Oct-30	12-Mar-31	282														
E1011_06140	B0 Detector - Complete	0		07-Jan-31	229														
E1011_04440	Roman Pots and Off-Momentum Detectors: Ready for Installation	0		12-Mar-31	282														
L3_2000	Construction of Components Complete (Intended to be used as CD-4A early finish milestone for Detectors)	0		30-Apr-31	249														
L3_3000	CD-4 Preparation for Scope Review	22	13-Aug-32	14-Sep-32	-72														
L3_4210	CD-4 Scope Verification Review Complete	0		14-Sep-32	-72														
L3_3020	CD-4 IPR Review and Preparation	21	15-Sep-32	14-Oct-32	-72														
L3_4220	CD-4 Independent Project Review (IPR) Complete	0		14-Oct-32	-72														
L3_3040	CD-4 ESAAB Lead Time	64	15-Oct-32	20-Jan-33	-72														
L1_090	CD-4 Approval Early Completion	0		20-Jan-33	-72														
L3_4230	CD-4 Schedule Float	517	21-Jan-33	16-Feb-35	-72														
L1_100	CD-4 Approve Start of Operations or Project Completion	0		16-Feb-35*	-72														

Remaining Level of Effort

Actual Level of Effort

Actual Work

Remaining Work

Critical Remaining Work

◆◆

Milestone

SVT

L1 Milestone

L2 Milestone

◆

L3 Milestone

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Prepared by: ewoolsey | Date: 17-Jan-24 | Time: 14:37