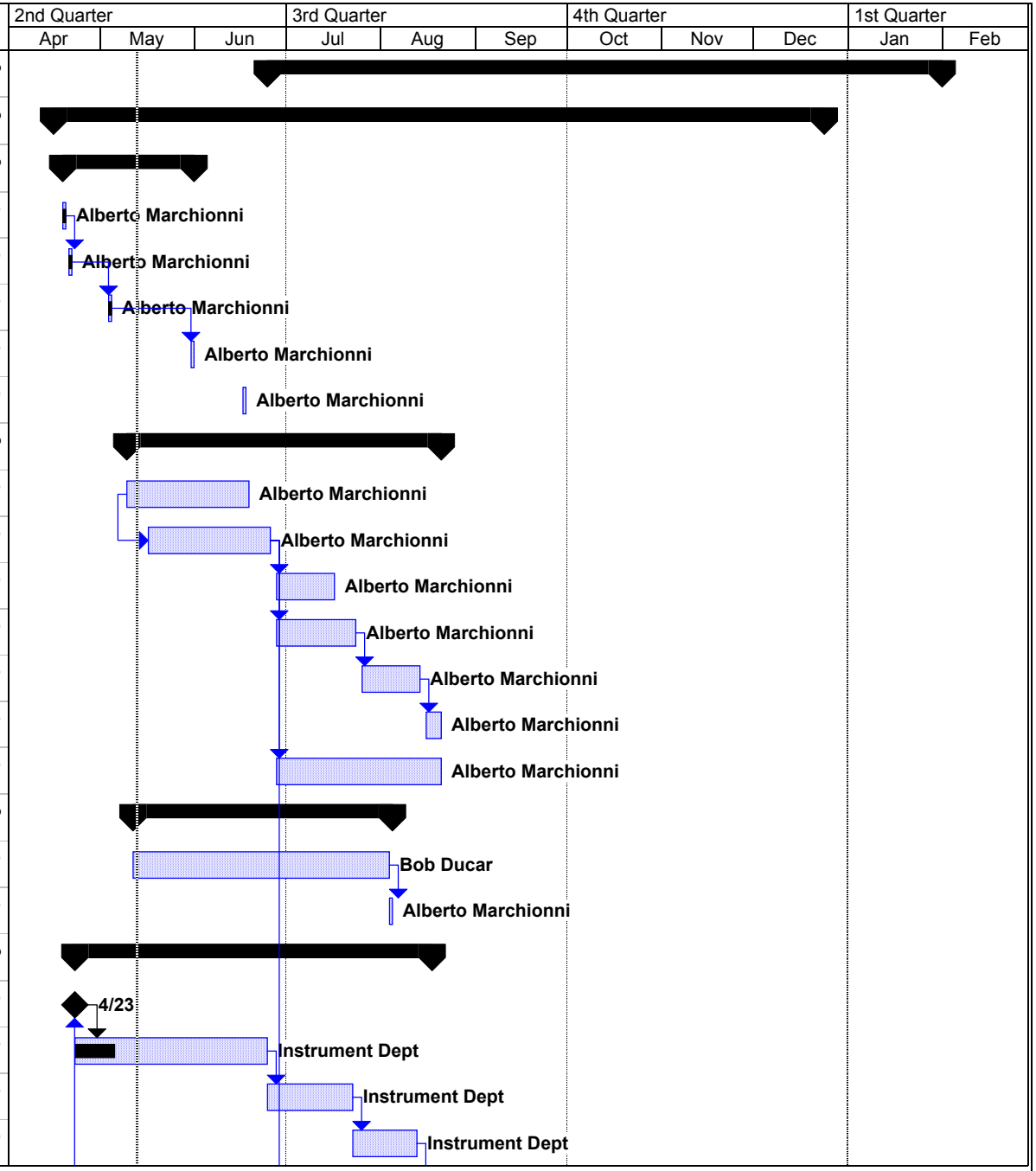
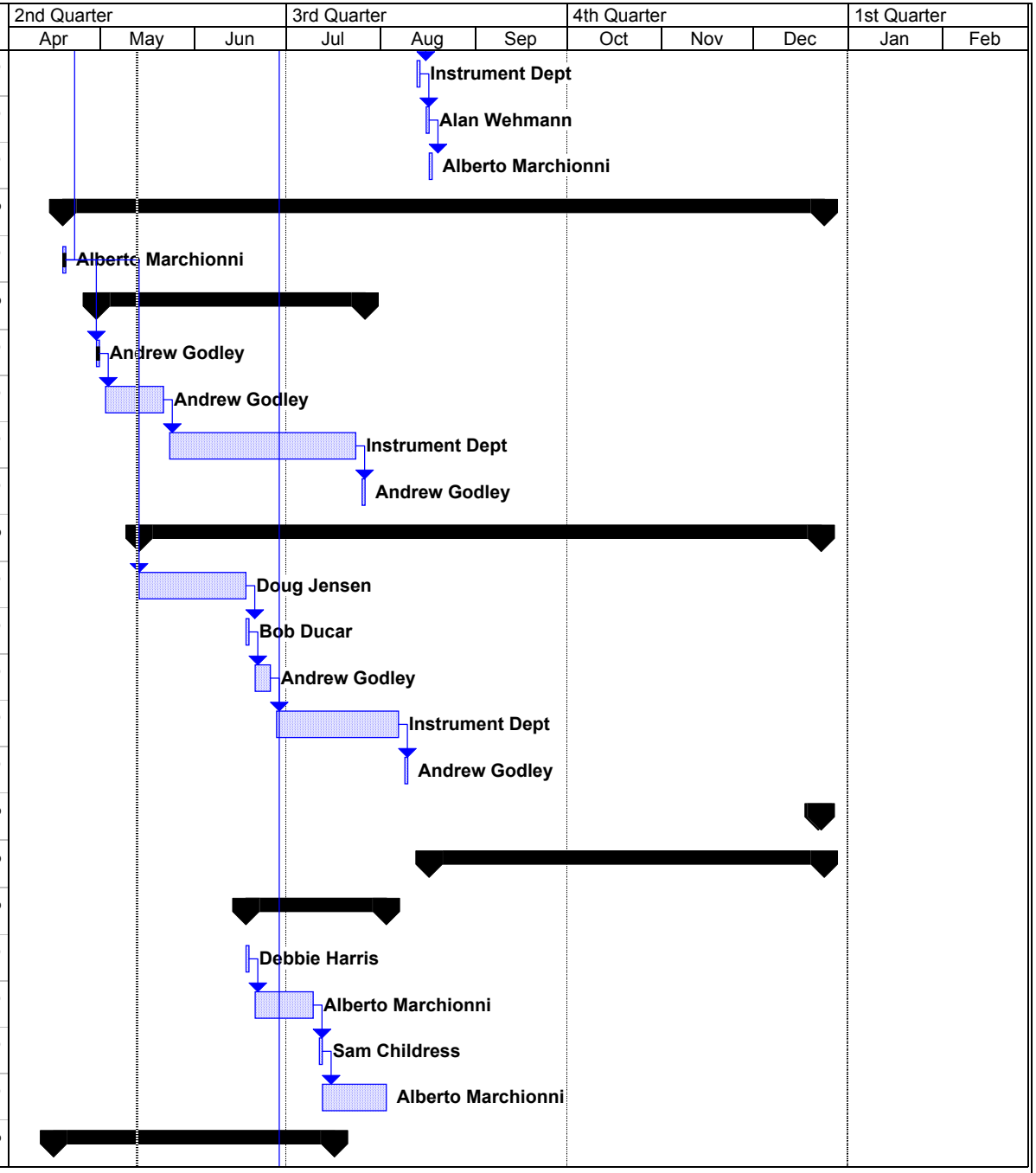
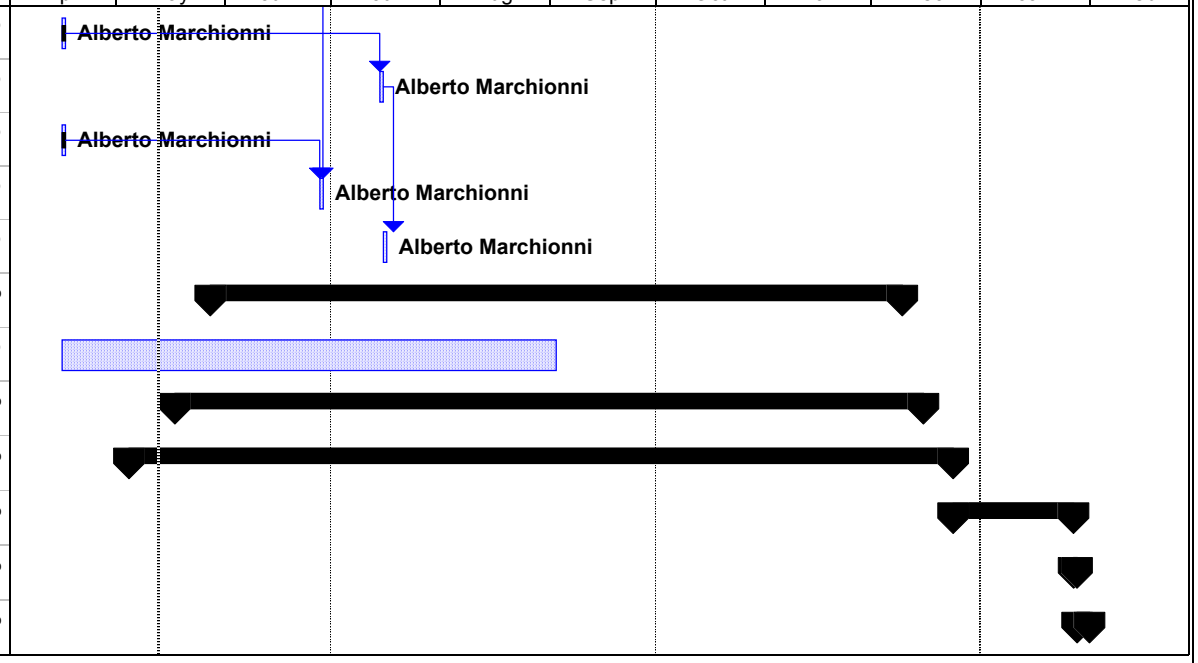
WBS	Task Name	% Compl
1	**Milestones**	**0%**
2	**MI Preparation for Commissioning**	**3%**
2.1	**Booster Cogging Studies**	**75%**
2.1.1	Booster cogging study 1	100%
2.1.2	Booster cogging study 2	100%
2.1.3	Booster cogging study 3	100%
2.1.4	Booster cogging study 4	0%
2.2	Booster longitudinal dampers on $19 cycle	0%
2.3	**High Intensity Studies**	**0%**
2.3.1	Commission final FPGA board for the transverse damper system	0%
2.3.2	Study transverse dampers on NuMI cycle $23	0%
2.3.3	Study longitudinal dampers on NuMI cycle $23	0%
2.3.4	Establish tune measurement system	0%
2.3.5	Recalibrate tune and chromaticity tables	0%
2.3.6	Set up automatic tune compensation with intensity	0%
2.3.7	Demonstrate reliable acceleration to 3.3E13 ppp	0%
2.4	**Revise TCLK scheme $8D**	**0%**
2.4.1	BSSB modifications	0%
2.4.2	Study new $8D cycle	0%
2.5	**Batch by Batch Integrator**	**11%**
2.5.1	Finalize specifications	100%
2.5.2	Design FBBI	20%
2.5.3	Procurement	0%
2.5.4	Assembly & testing	0%



WBS	Task Name	% Compl
2.5.5	Install FBBI in MI	0%
2.5.6	Database & parameter page updates	0%
2.5.7	Calibrate/study FBBI with MI beam	0%
2.6	**MI "Beam Quality" BPS inputs**	**1%**
2.6.1	Conceptual design/review of requirements	100%
2.6.2	**Extraction region BPM's**	**2%**
2.6.2.1	Draft specs for BPM inputs to BPS	100%
2.6.2.2	Develop specs for BPM batch averaging electronics	0%
2.6.2.3	Build BPM batch averaging electronics	0%
2.6.2.4	Study 606, 607, 608, 609 BPM signals as inputs to BPS	0%
2.6.3	**Extraction region Loss Monitors**	**0%**
2.6.3.1	Connect LM's in P1 line & study	0%
2.6.3.2	Install 608 & 612 LM's in tunnel	0%
2.6.3.3	Draft specs for LM gating electronics	0%
2.6.3.4	Build LM gating electronics	0%
2.6.3.5	Study 608 & 612 LM signals as inputs to BPS	0%
2.6.3.6	**Checkout LM's**	**0%**
2.6.4	**Checkout Main Injector BPS inputs**	**0%**
2.7	**MI BPM's w NuMI electronics**	**0%**
2.7.1	Install prototype transition board on MI BPM 602	0%
2.7.2	Study prototype BPM electronics	0%
2.7.3	Install NuMI electronics on MI BPMs 602, 604, 606, 607	0%
2.7.4	Study production BPM electronics on 4 BPM's	0%
2.8	**Orbit & Extraction Issues**	**40%**



WBS	Task Name	% Compl
2.8.1	Re-tune MI closed orbit to reduce corrector currents - First pass	100%
2.8.2	Re-tune MI closed orbit to reduce corrector currents - 2nd pass	0%
2.8.3	Check MI52 rise/fall time - first pass	100%
2.8.4	Check MI52 rise/fall time - 2nd pass	0%
2.8.5	Check NuMI extraction bumps	0%
3	**NuMI Checkout**	**1%**
4	Near Detector Checkout	0%
5	**Administrative Approvals**	**18%**
6	**Operations Preparations**	**1%**
7	**NuMI Commissioning**	**0%**
8	**Main Injector - High Intensity**	**0%**
9	**Turnover to Operations**	**0%**