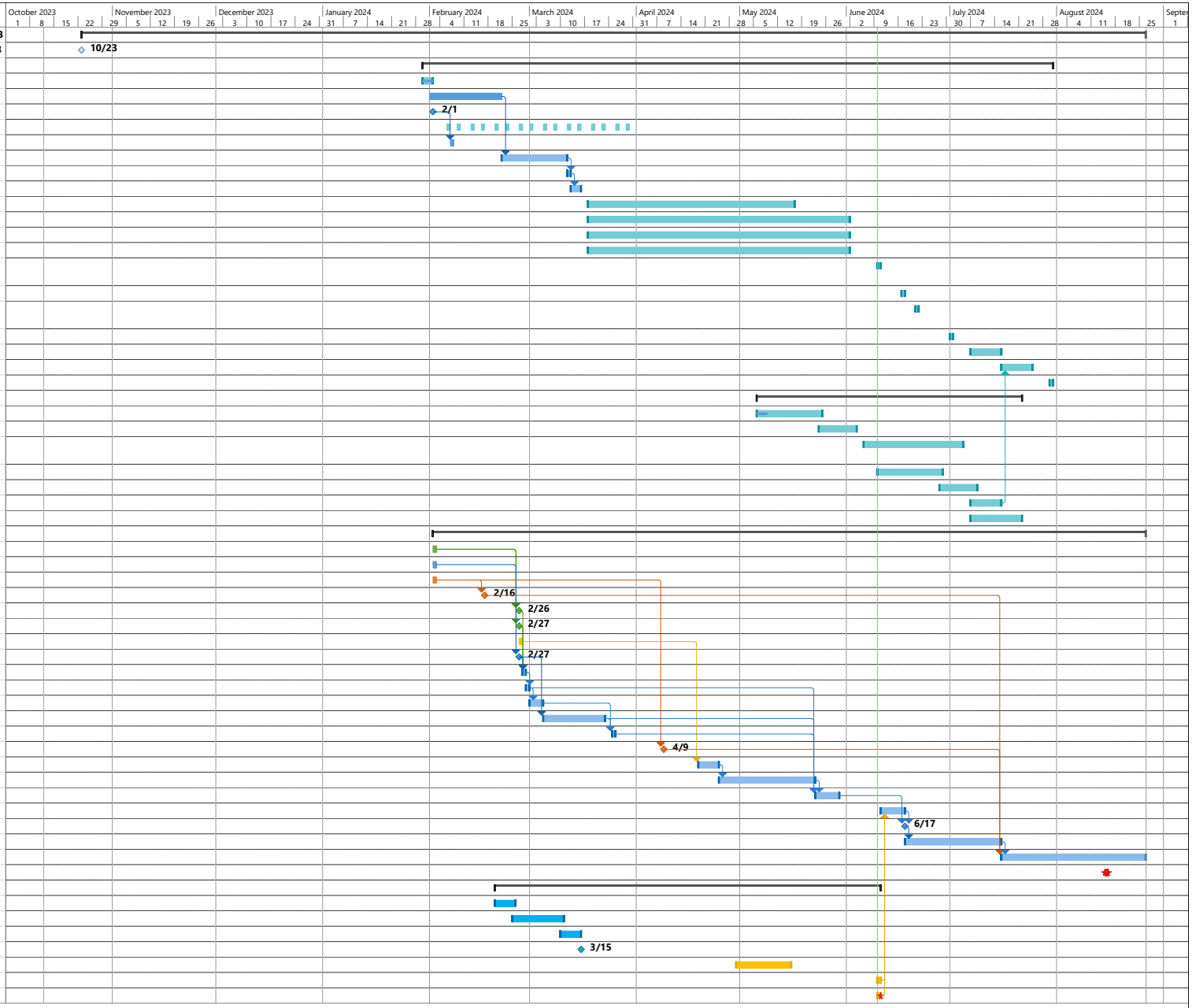
ID	Task Mode	Task Name	Duration	Start
1		**Vessel & mirror construction**	**214 days**	**Mon 10/23/23**
2		Overall design parameters frozen		Mon 10/23/23
34		**Stony Brook (mirrors)**	**130 days**	**Tue 1/30/24**
35		Evaporation 3 Reflectivity Test	3 days	Tue 1/30/24
36		Designing Large Lexan Cone	14 days	Thu 2/1/24
38		Ordering Reference Mirror	1 day	Thu 2/1/24
41		**Bi-weekly Evaporation**	**38 days**	**Tue 2/6/24**
39		Reference mirror arrives	1 day	Wed 2/7/24
37		Lexan Cone Completion	13 days	Thu 2/22/24
40		Full Lexan cone coating	1 day	Tue 3/12/24
58		Lexan cone reflectivity test	3 days	Wed 3/13/24
59		Ion Source Mount	44 days	Mon 3/18/24
60		Thickness Measurement	56 days	Mon 3/18/24
61		Full Scale Mirror Mount	56 days	Mon 3/18/24
62		Rotation Control	56 days	Mon 3/18/24
63		Mechanical mount complete for the Ion Gun Fixture	1 day	Mon 6/10/24
64		Completion of the 2nd report	1 day	Mon 6/17/24
65		Initial remarks on the uniformity at large-size coating	1 day	Fri 6/21/24
66		Large-size mirror mount completion	1 day	Mon 7/1/24
67		Full-size outer mirror arrival Purdue	7 days	Sun 7/7/24
68		Full-size outer mirror coating	7 days	Tue 7/16/24
69		Commissioning of the Ion Gun	1 day	Tue 7/30/24
70		**Purdue (mirrors)**	**55 days**	**Mon 5/6/24**
71		Conical lexan co-bonding	15 days	Mon 5/6/24
72		Samples sent to SBU	7 days	Fri 5/24/24
73		Finalize design and start tool manufacturing simulations for outer mirror	21 days	Thu 6/6/24
74		Tool machining for outer	15 days	Mon 6/10/24
75		Outer mirror prototyping	7 days	Fri 6/28/24
76		Co-bonding for outer mirror	7 days	Sun 7/7/24
77		Inner mirror	12 days	Sun 7/7/24
11		**Stony Brook (Vessel)**	**146 days**	**Fri 2/2/24**
12		Order Motion Components	1 day?	Fri 2/2/24
18		8020 acquisition / procurement	1 day	Fri 2/2/24
25		Order Shell Materials	1 day	Fri 2/2/24
15		Carbon Fiber Arrives	0 days	Fri 2/16/24
14		Magnetic Stripe Arrives	0 days	Mon 2/26/24
16		Shaft Arrives	0 days	Tue 2/27/24
19		Foam blocks procurement	1 day	Tue 2/27/24
20		Mandrel 80-20 parts ready for assembly	0 days	Tue 2/27/24
22		80-20 Table Assembly	1 day	Wed 2/28/24
27		Table Leveling	1 day?	Thu 2/29/24
21		Set up Motors	2 days?	Fri 3/1/24
23		Mandrel 80-20 frame assembly	14 days	Tue 3/5/24
24		Install Mandrel Frame	1 day	Mon 3/25/24
13		Honey Comb Arrives	0 days	Tue 4/9/24
17		Foam Arrives	4 days	Fri 4/19/24
29		Foam preparation	20 days	Thu 4/25/24
30		Foam installation	5 days	Thu 5/23/24
28		Surveying:Allignment	5 days	Tue 6/11/24
26		Begin Milling	0 days	Mon 6/17/24
31		Foam milling to shape	20 days	Tue 6/18/24
32		All components ready for assembly	30 days	Tue 7/16/24
33		All components are assembled	1 day	Thu 8/15/24
3		**Purdue (Vessel)**	**80 days**	**Tue 2/20/24**
4		End ring prototype with small radius	5 days	Tue 2/20/24
5		Surface roughness, tool compensation	12 days	Sun 2/25/24
6		Tool machining start	6 days	Sun 3/10/24
7		Tool ready – metrology and QC/QA	1 day	Fri 3/15/24
8		Machining & Assembly of 4 quarters (ing 2)	12 days	Tue 4/30/24
9		End Ring 2 at SBU	1 day	Mon 6/10/24
10		End Ring 1 at SBU	1 day	Mon 6/10/24



Project: Project One
Date: Mon 6/10/24

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Progress | Manual Progress