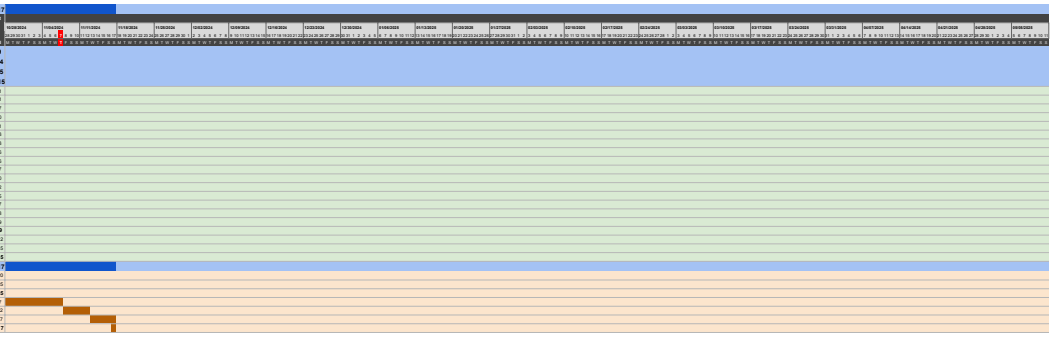
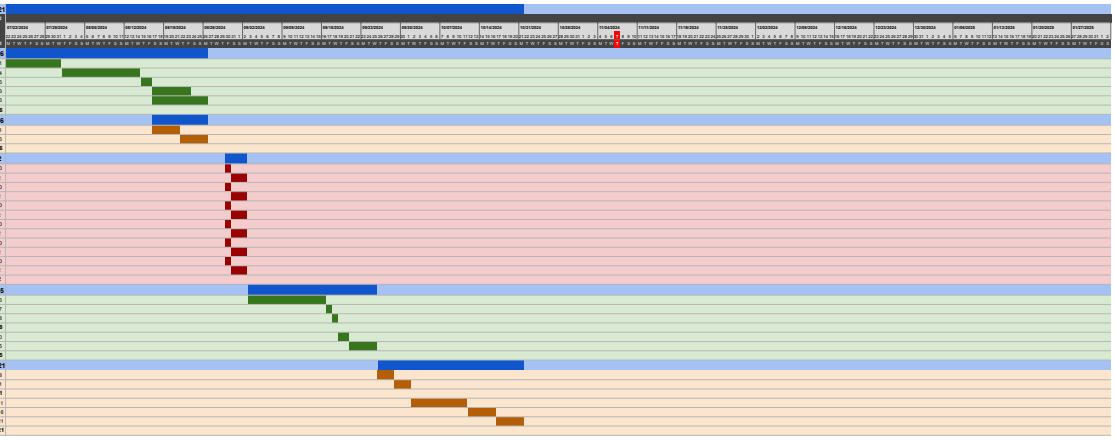
	FSD Assembly and Test Schedule		**7/22**	**118**	**11/17**
	SD-Lite Consortium		Start Date	7/22	
	Prepared by: Andrew Lambert		Display Week	118	
	Task	Progress	Start	Days	End
☑	**FSD Facility**	**100%**	**7/22**	**49**	**9/9**
☑	**FSD TPC Fixtures**	**100%**	**9/9**	**15**	**9/24**
☑	**FSD Subsystem Components**	**100%**	**7/26**	**71**	**10/5**
☑	**FSD TPC Assembly**	**100%**	**9/11**	**34**	**10/15**
☑	Anode Panel #1 Install	100%	9/11	1	9/11
☑	Anode Panel #2 Install	100%	9/11	1	9/11
☑	Install Anode Panel #2 Pixel Tiles	100%	9/17	1	9/17
☑	Install Anode Panel #1 Pixel Tiles	100%	9/20	1	9/20
☑	Dummy Field Cage Side Panel Install	100%	9/21	1	9/21
☑	Cathode Assembly and Installation	100%	9/23	1	9/23
☑	Top and Bottom Field Cage Install	100%	9/23	1	9/23
☑	Light Tile Array #1 Install	100%	9/25	2	9/26
☑	Field Cage Side Panel #1 Install	100%	9/26	1	9/26
☑	Light Tile Array #2 Install	100%	9/27	1	9/27
☑	Field Cage Side Panel #2 Install	100%	9/30	1	9/30
☑	Install Upper Field Structures and Module Structures	100%	10/1	2	10/2
☑	Cable All Pixel and Light Tiles and Perform Checks	100%	10/3	3	10/5
☑	Install Calibration Hardware?	100%	10/7	1	10/7
☑	Rotate FSD TPC	100%	10/8	1	10/8
☑	Install FSD Crystatat Lid and Transfer to Cryostat	100%	10/9	1	10/9
☑	**MS: FSD Fixture Work Complete, TPC in Cryostat**	100%	**10/9**	**0**	**10/9**
☑	Final Cabling of TPC, Install Feedthroughs	100%	10/10	3	10/12
☑	Warm Commissioning	100%	10/13	3	10/15
☑	**MS: Warm Comm. Complete, Ready for Cryo Ops**	100%	**10/15**	**0**	**10/15**
☐	**FSD TPC Cryogenic Operations**	**55%**	**10/16**	**32**	**11/17**
☑	Evacuation	100%	10/16	5	10/20
☑	Cooldown and Fill	100%	10/21	5	10/25
☑	**MS: FSD Run 1 Ready to Begin Operations**	**100%**	**10/25**	**0**	**10/25**
☐	FSD TPC Operations Run 1	86%	10/25	14	11/7
☐	Drain and Warmup	0%	11/8	5	11/12
☐	Extract FSD TPC	0%	11/13	5	11/17
☐	**MS: FSD Run 1 Complete**	**0%**	**11/17**	**0**	**11/17**



FSD Assembly and Test Schedule		7/22	91	10/21
ND-LAr Consortium Prepared by: Andrew Lambert		Start Date		7/22
		Display Week		1
Task	Progress	Start	Days	End
FSD Facility		**7/22**	**35**	**8/26**
Storage Cryostat Test	50%	7/22	10	7/31
Dummy Module Cryo Test		8/1	14	8/14
Extract Dummy Module		8/15	2	8/16
Purifier Regeneration		8/17	7	8/23
Prep System and Space for FSD Assembly and Test		8/17	10	8/26
MS: FSD Facility Ready		**8/27**	**0**	**8/26**
FSD TPC Fixtures		**8/17**	**9**	**8/26**
Disassemble Dummy Module		8/17	5	8/21
Prepare TPC Assembly and Rotation Fixtures for FSD		8/22	5	8/26
MS: FSD Fixtures Ready		**8/27**	**0**	**8/26**
FSD Subsystem Components		**8/30**	**3**	**9/2**
Module Structures Deliver Components to FSD		8/30	1	8/30
Component Reception Inspection/Test		8/31	3	9/2
High Voltage Deliver Components to FSD		8/30	1	8/30
Component Reception Inspection/Test		8/31	3	9/2
Field Structures Deliver Component to FSD		8/30	1	8/30
Component Reception Inspection/Test		8/31	3	9/2
Charge Readout Deliver Components to FSD		8/30	1	8/30
Component Reception Inspection/Test		8/31	3	9/2
Light Readout Deliver Components to FSD		8/30	1	8/30
Component Reception Inspection/Test		8/31	3	9/2
Calibration Deliver Components to FSD		8/30	1	8/30
Component Reception Inspection/Test		8/31	3	9/2
MS: All Components Ready for FSD		**9/3**	**0**	**9/2**
FSD TPC Assembly		**9/3**	**22**	**9/25**
Assemble FSD TPC in Assembly Fixture		9/3	14	9/16
Rotate FSD TPC in Rotation Fixture		9/17	1	9/17
Install FSD Cryostat Lid and Transfer to Cryostat		9/18	1	9/18
MS: FSD Fixture Work Complete, TPC in Cryostat		**9/19**	**0**	**9/18**
Final Cabling of TPC, Install Feedthroughs		9/19	2	9/20
Warm Commissioning		9/21	5	9/25
MS: Warm Comm. Complete, Ready for Cryo Ops		**9/26**	**0**	**9/25**
FSD TPC Cryogenic Operations		**9/26**	**25**	**10/21**
Piston-Purge/Evacuation		9/26	3	9/28
Cooldown and Fill		9/29	3	10/1
MS: FSD Run 1 Ready to Begin Operations		**10/2**	**0**	**10/1**
FSD TPC Operations Run 1		10/2	10	10/11
Drain and Warmup		10/12	5	10/16
Extract FSD TPC		10/17	5	10/21
MS: FSD Run 1 Complete		**10/22**	**0**	**10/21**



Person	Arrival	Departure	Location
Andrew	9/9/24	9/25/24	Bern
Armin	9/10/24	9/20/24	Bern
Jay	9/15/24	9/27/24	Bern
Zach	9/15/24	9/27/24	Bern
~~Joe~~	~~9/14/24~~	~~9/22/24~~	~~Bern~~
Yifan	9/26/24	10/2/24	Bern
James	10/4/24	10/18/24	Bern
~~Joe~~	~~10/4/24~~	~~10/24/24~~	~~Bern~~
Jay	10/14/24	11/1/24	Bern
Zach	10/14/24	11/1/24	Bern