



MIPI ALLIANCE DEVELOPERS CONFERENCE













James Goel

MIPI Technical Steering Group Chair

**The MIPI Specification Roadmap: Driving
Advancements in Mobile, IoT, Automotive and
5G**

28-29
SEPTEMBER
2021

MASS Specification Release Progress

▲ Release name	Release status	Release progress bar	▲ Release quarter
DSE v1.0	Adopted/Published	 100%	2020 Q4
DSI-2 v2.0	Adopted/Published	 100%	2020 Q4
MIPI PAL/DSI-2 v1.0	Adopted/Published	 100%	2020 Q4
MIPI PAL/eDP-DP v1.0	Adopted/Published	 100%	2020 Q4
PAL/CSI-2 v1.0	Adopted/Published	 100%	2020 Q4
AppNote for A-PHY v1.0 - Profile 1 & Profile 2	Adopted/Published	 100%	2021 Q2
A-PHY v1.1	In Approval	 100%	2021 Q3
CSE v1.0	In Approval	 100%	2021 Q3
CSI-2 v4.0	In Approval	 100%	2021 Q4
MIPI PAL/ETH v1.0	In development	 100%	2021 Q4
CTS for A-PHY v1.0	In development	 35%	2022 Q1
CTS for A-PHY v1.1	Planned	 0%	2022 Q3

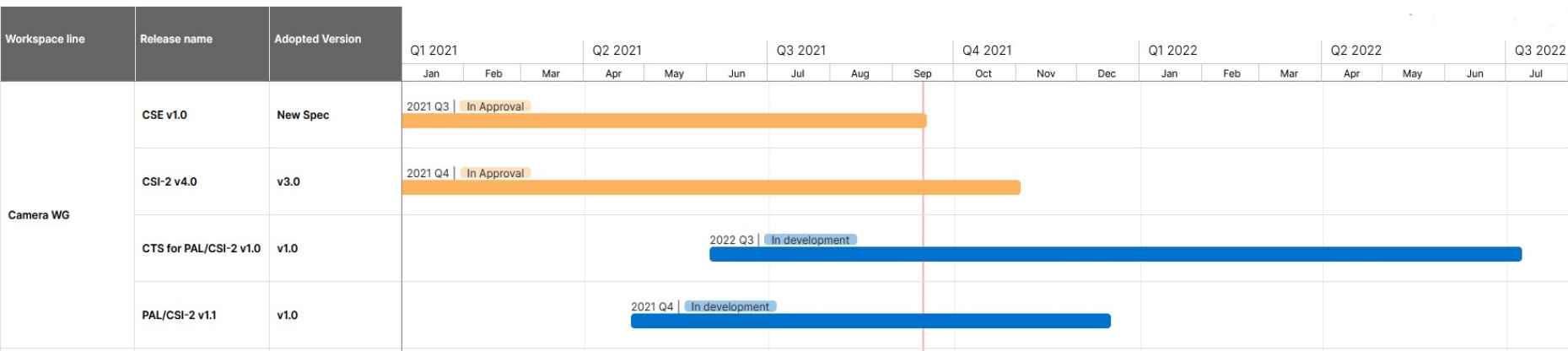
A-PHY WG

Workspace line	Release name	Adopted Version	Q1 2021			Q2 2021			Q3 2021			Q4 2021				Q1 2022		
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
A-PHY WG	A-PHY v1.1	v1.0	2021 Q3 In Approval															
	AppNote #2 for A-PHY v1.0: Re-training and Re-transmission	v1.0							2021 Q4 In development									
	AppNote for A-PHY v1.0 - Profile 1 & Profile 2	v1.0	2021 Q2 Adopted/Published															
	CTS for A-PHY v1.0	v1.0	2022 Q1 In development															

PHY: C/D/M-PHY WGs

Workspace line	Release name	Adopted Version	Q1 2021			Q2 2021			Q3 2021			Q4 2021			Q1 2022			Q2 2022
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
PHY	C-PHY v2.1	v2.1	2021 Q3 Adopted/Published															
	CTS for C-PHY v2.1	v2.1				2021 Q3 In development												
	CTS for D-PHY v3.0	v3.0				2022 Q2 In development												
	CTS for M-PHY v5.0	v4.1	2022 Q1 In development															
	D-PHY v3.0	v3.0	2021 Q3 Adopted/Published															
	D-PHY v3.5	v3.0				2022 Q2 In development												
	M-PHY v5.0	v4.1	2021 Q3 In Approval															

Camera WG



Debug WG

Workspace line	Release name	Adopted Version	Q1 2021			Q2 2021			Q3 2021			Q4 2021			Q1 2022			Q2 2022			Q3 2022			Q4 2022			Q1 2023			Q2 2023	
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Debug WG	Debug for I3C v1.1	v1.0	2023 Q2 In development																												
	HTI 1.1	v1.0	2021 Q2 In development Public																												
	SPP v2.1	v2.0	2022 Q2 In development																												
	STP 2.3	v2.2	2021 Q3 In development Public																												
	SyS-T v1.1	v1.0	2021 Q4 In development Public																												

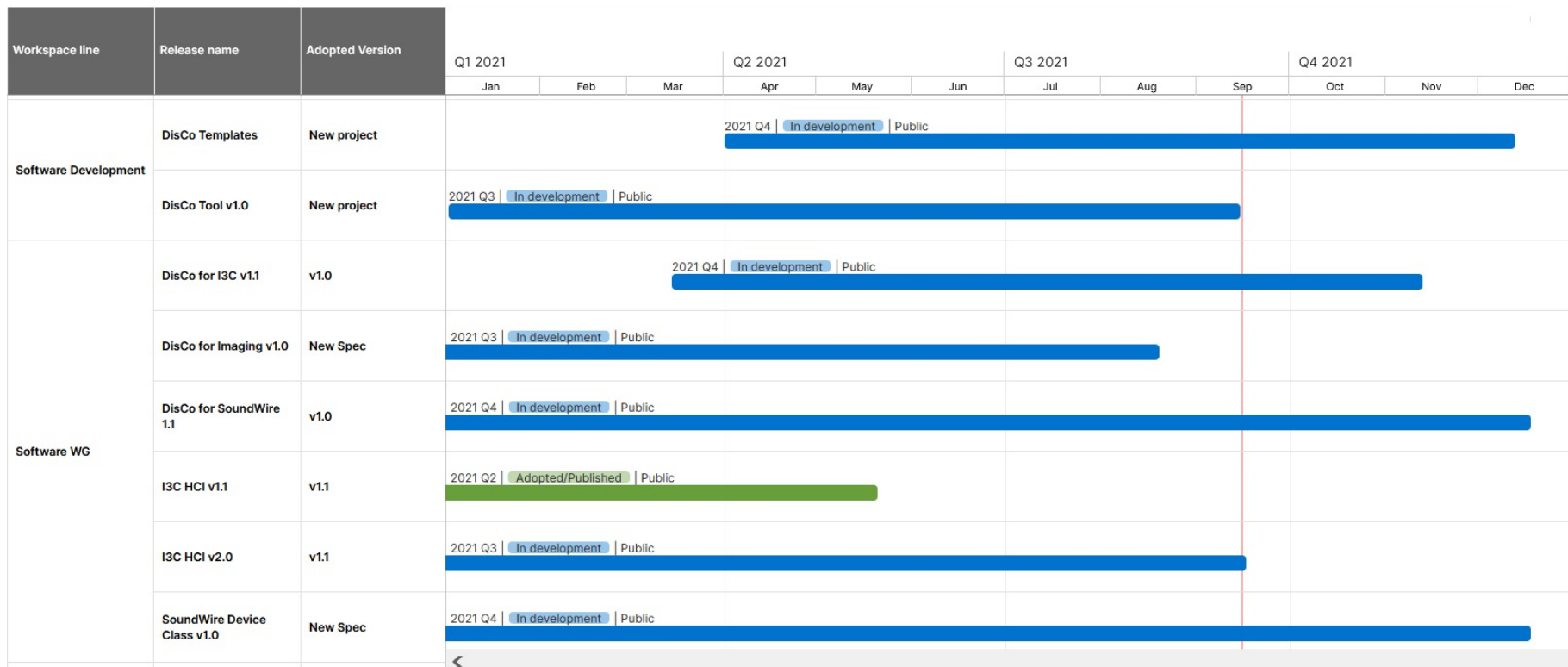
Display WG

Workspace line	Release name	Adopted Version	Q1 2021			Q2 2021			Q3 2021			Q4 2021			Q1 2022			Q2 2022		
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
			Display WG	CTS for DSI-2 v1.0/1.1	v2.0	2021 Q2 In development														
	DSE v1.1	v1.0	2022 Q2 In development																	
	App Note for I3C v1.1.1	v1.1				2021 Q3 Adopted/Published														

Audio WG, I3C WG, RIO WG, Security WG, UniPro WG

Workspace line	Release name	Adopted Version	Q1 2021			Q2 2021			Q3 2021			Q4 2021			Q1 2022			Q2 2022		
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Audio WG	SoundWire I3S v1.0	New Spec	2022 Q1 In development																	
I3C WG	App Note for I3C v1.1.1	v1.1	2021 Q3 Adopted/Published																	
	CTS for I3C v1.1.1	v1.1	2021 Q3 Adopted/Published																	
	FAQ for I3C v1.1.1	v1.1	2021 Q3 Adopted/Published																	
	I3C v1.1.1	v1.1	2021 Q2 Adopted/Published																	
RIO WG	VGI 1.0	New Spec	2021 Q3 In development																	
Security WG	System Security Specification v1.0	New Spec	2022 Q2 In development																	
UniPro WG	UniPro v2.0	v1.8	2021 Q4 In development																	

Software WG





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Dashboard

Automotive Dashboard ☆

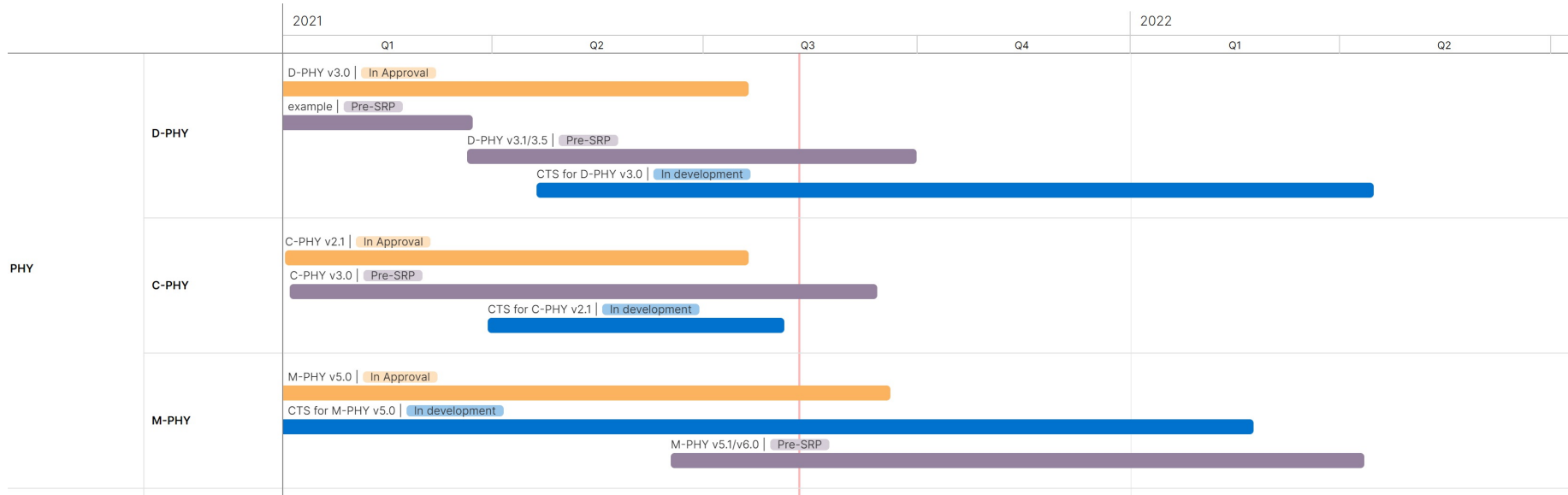
▼ Add dashboard filter

⊗ Workspace name: CSI-2, CSE , PAL/... ▾

Release progress

Release name	Release end date	Release status	Release progress bar
A-PHY v1.0	Sep 7, 2020	Adopted/Published	<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%
MIPI PAL/I2C v1.0	Sep 29, 2020	Adopted/Published	<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%
MIPI PAL/GPIO v1.0	Sep 30, 2020	Adopted/Published	<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%
PAL/CSI-2 v1.0	Nov 30, 2020	Adopted/Published	<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%
MIPI PAL/DSI-2 v1.0	Dec 7, 2020	Adopted/Published	<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%
MIPI PAL/eDP-DP v1.0	Dec 14, 2020	Adopted/Published	<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%
DSE v1.0	Dec 16, 2020	Adopted/Published	<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%
DSI-2 v2.0	Jan 28, 2021	Adopted/Published	<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%
AppNote for A-PHY v1.0 - Profile 1 & Profile 2	Mar 3, 2021	Adopted/Published	<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%
MIPI PAL/I2S v1.0	Apr 8, 2021	In development	<div style="width: 35%;"><div style="width: 35%;"></div></div> 35%
CSI-2 v4.0	Jul 12, 2021	In development	<div style="width: 95%;"><div style="width: 95%;"></div></div> 95%
MIPI PAL/ETH v1.0	Aug 4, 2021	In development	<div style="width: 95%;"><div style="width: 95%;"></div></div> 95%
A-PHY v1.1	Aug 12, 2021	In development	<div style="width: 90%;"><div style="width: 90%;"></div></div> 90%
CSE v1.0	Sep 13, 2021	In Approval	<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%
CTS for A-PHY v1.0	Nov 22, 2021	In development	<div style="width: 35%;"><div style="width: 35%;"></div></div> 35%
CTS for A-PHY v1.1	Apr 4, 2022	Planned	<div style="width: 0%;"><div style="width: 0%;"></div></div> 0%

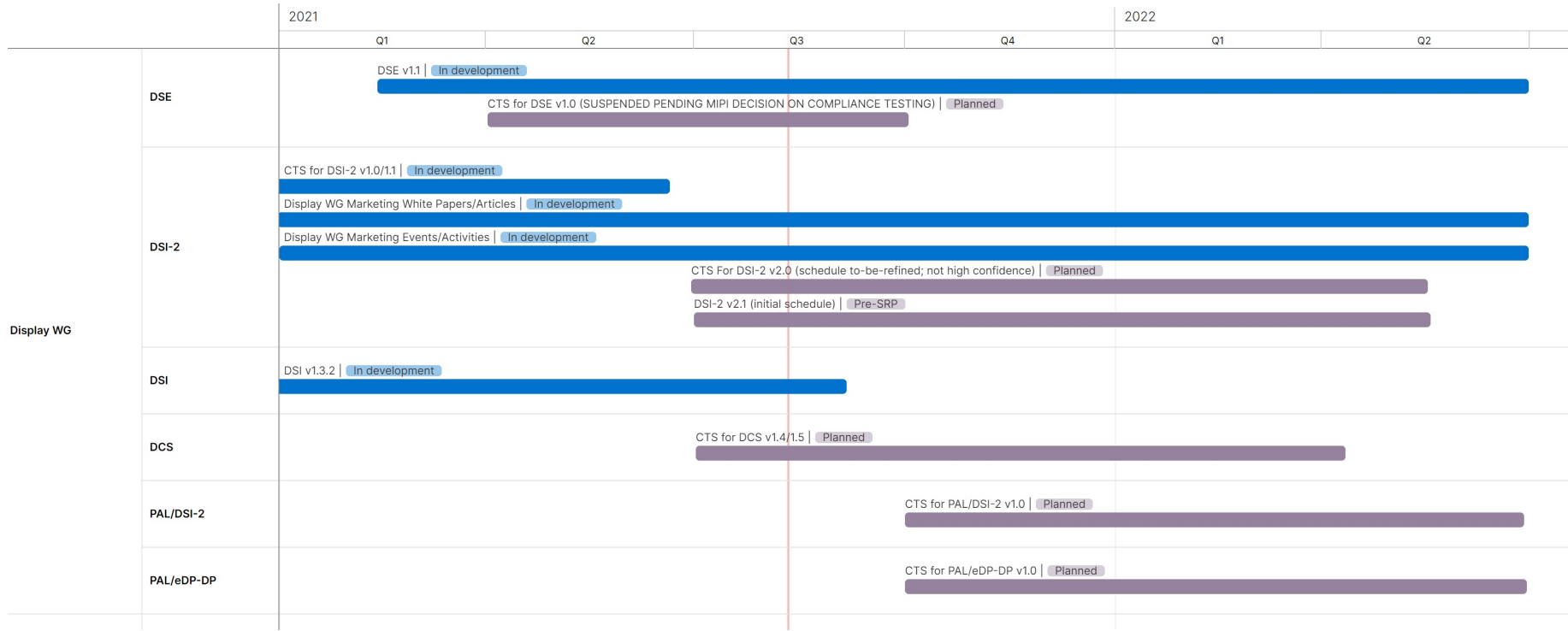
PHY WG



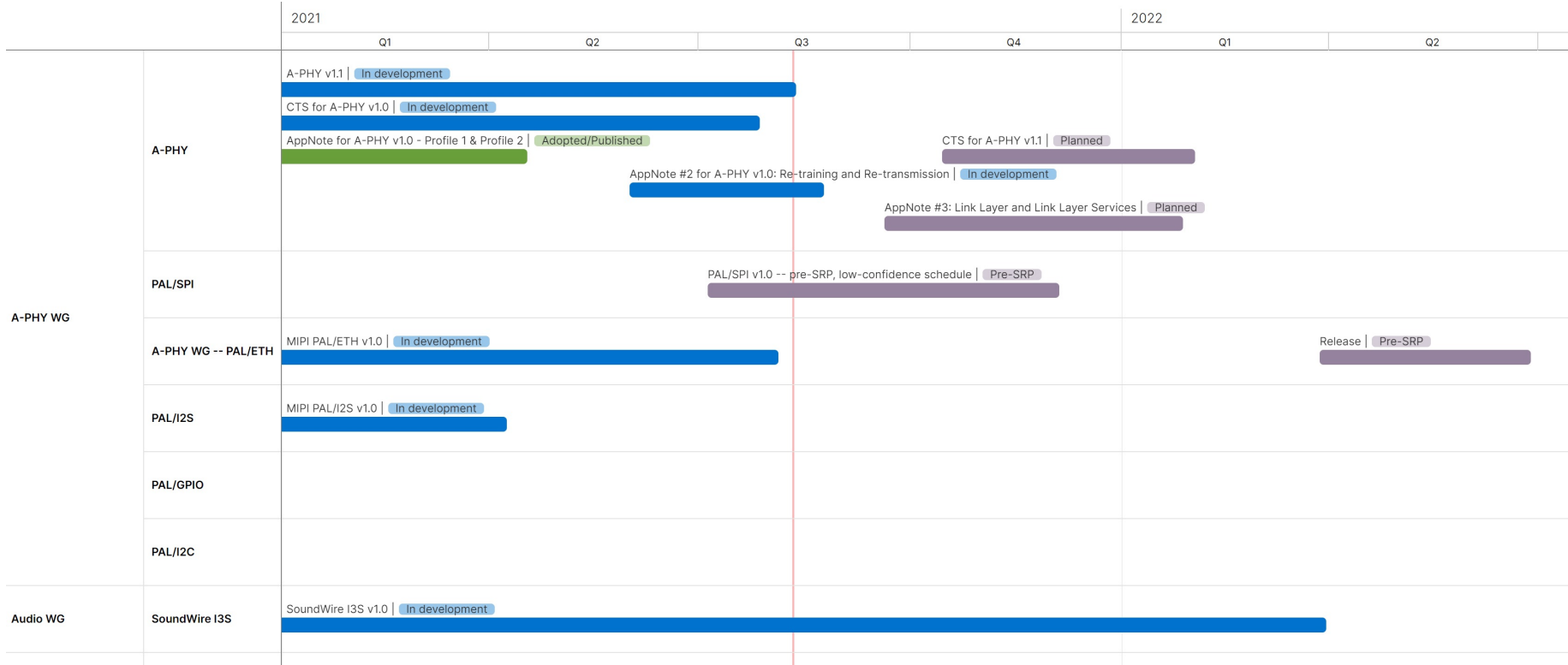
Camera WG



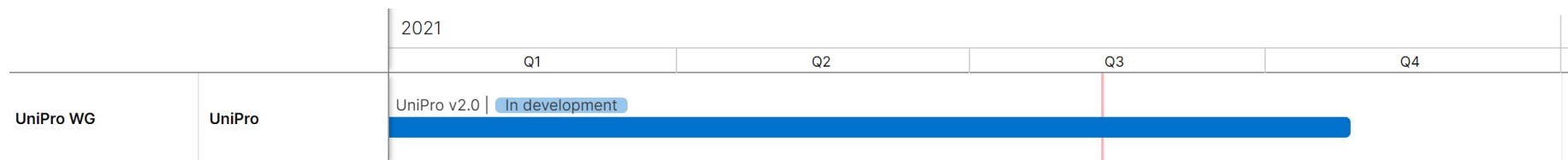
Display



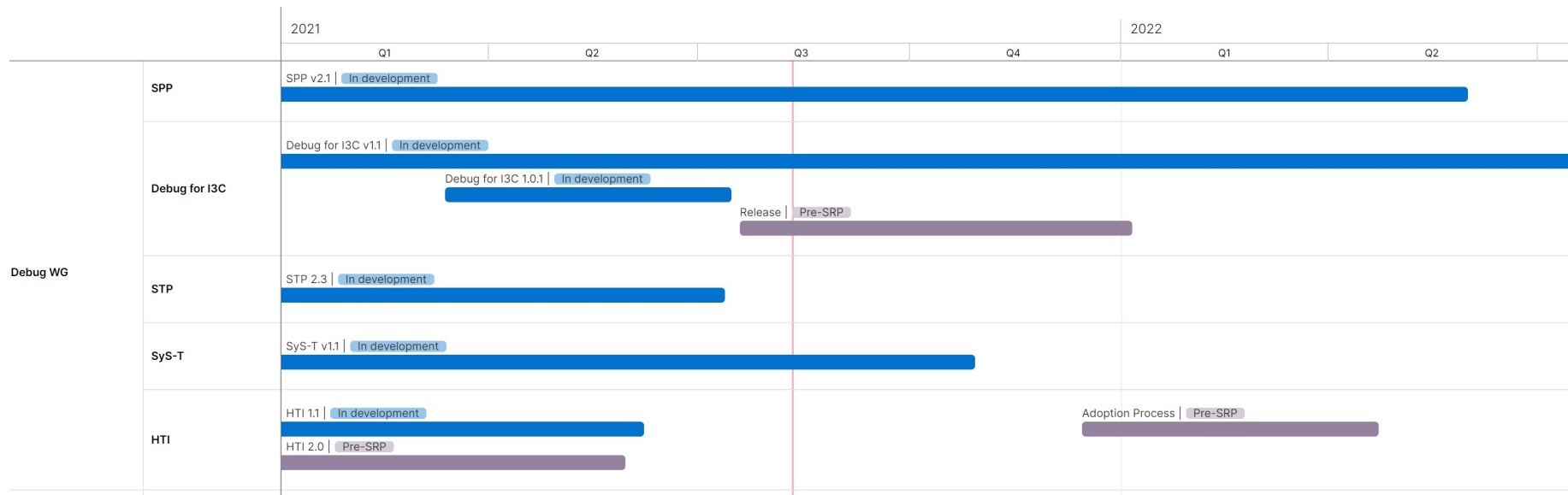
A-PHY and Audio



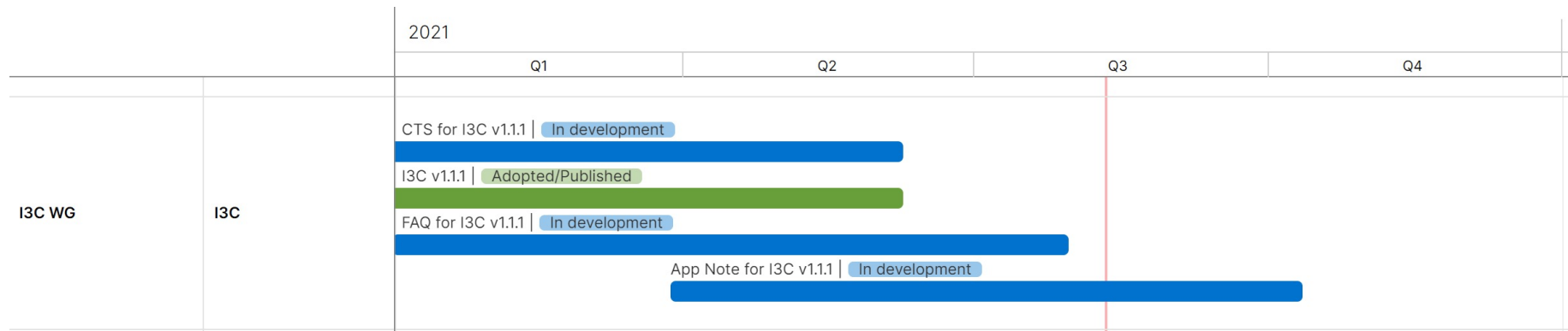
Unipro WG



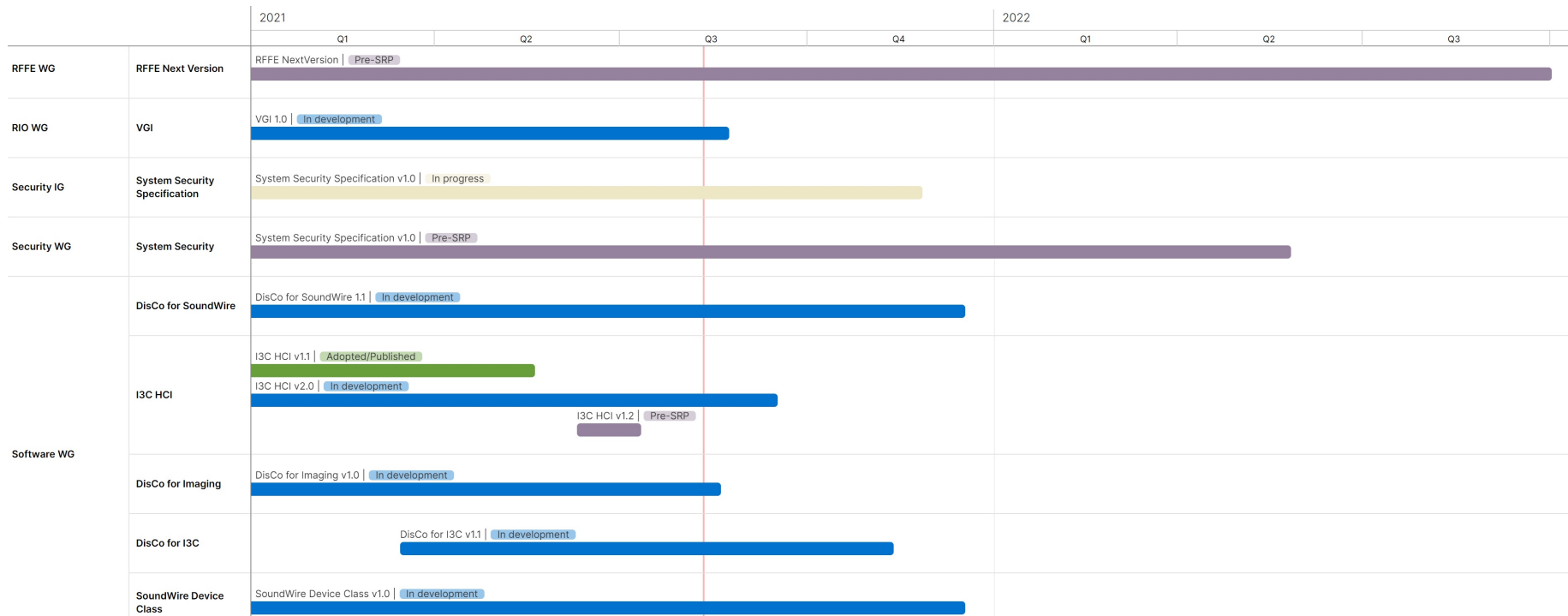
Debug WG



I3C Working Group



RFFE, RIO, Security and Software





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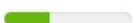




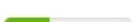

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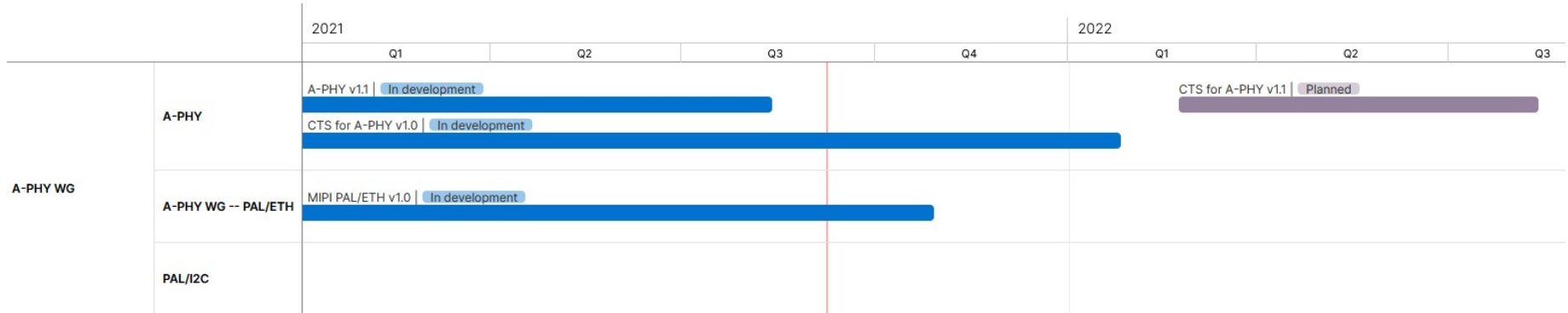
MASS Specification Release Progress

Target date to enter
Adoption Process

▲ Release name	Release status	Release progress bar	▲ Release quarter
DSE v1.0	Adopted/Published	 100%	2020 Q4
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MIPI PAL/eDP-DP v1.0	Adopted/Published	 100%	2020 Q4
PAL/CSI-2 v1.0	Adopted/Published	 100%	2020 Q4
AppNote for A-PHY v1.0 - Profile 1 & Profile 2	Adopted/Published	 100%	2021 Q2
MIPI PAL/I2S v1.0	In development	 35%	2021 Q2
A-PHY v1.1	In development	 100%	2021 Q3
CSE v1.0	In Approval	 100%	2021 Q3
CSI-2 v4.0	In Approval	 100%	2021 Q4
MIPI PAL/ETH v1.0	In development	 100%	2021 Q4
CTS for A-PHY v1.0	In development	 35%	2022 Q1
CTS for A-PHY v1.1	Planned	 0%	2022 Q3

NOTE for James:
Regarding Release
Quarter – This
might be confusing
to show because it
is the estimate for
entering Adoption
Process (if In
Dev/Planned)

PHY: A-PHY WG



A-PHY WG

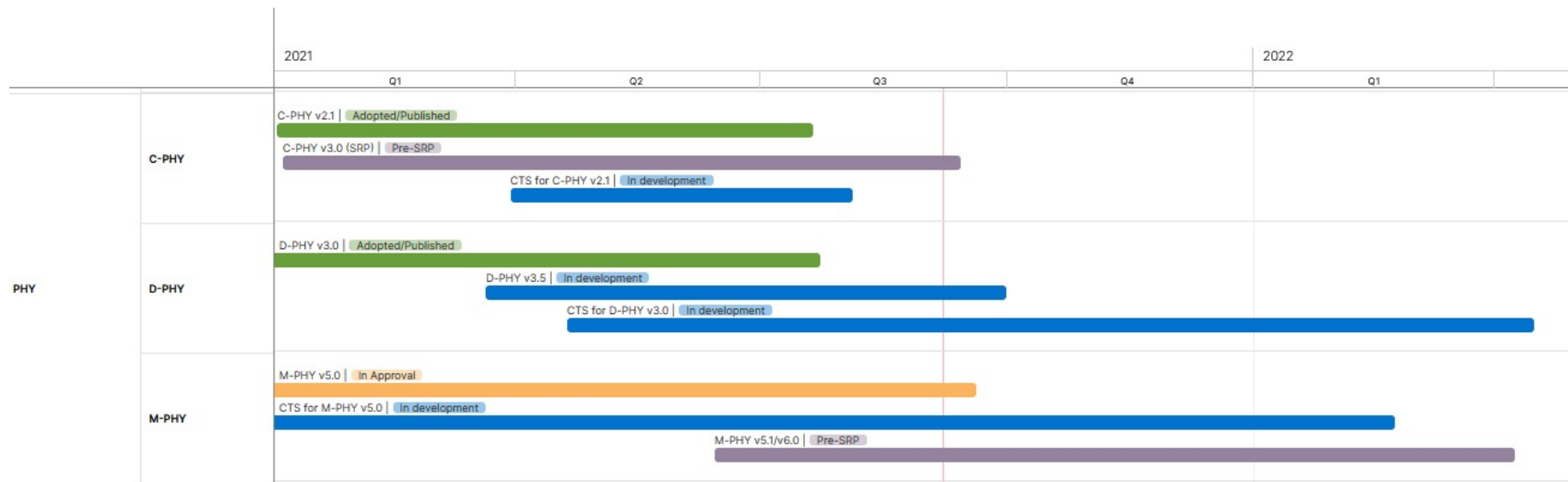
A-PHY

A-PHY WG -- PAL/ETH

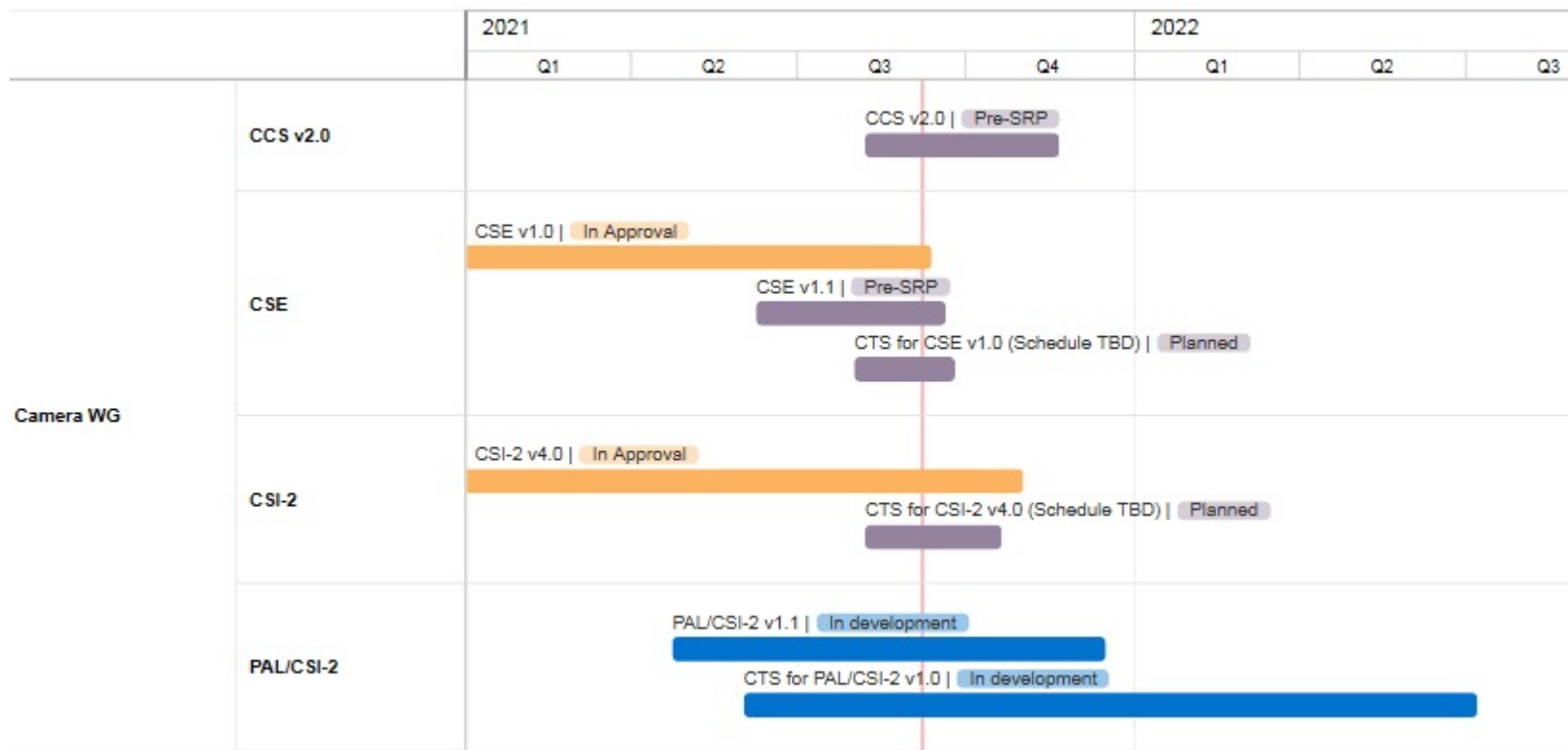
PAL/I2C

Note: Just want to confirm that we want to use this format? Would it be better to use MIPI Spec Roadmap format (Christina's version)?

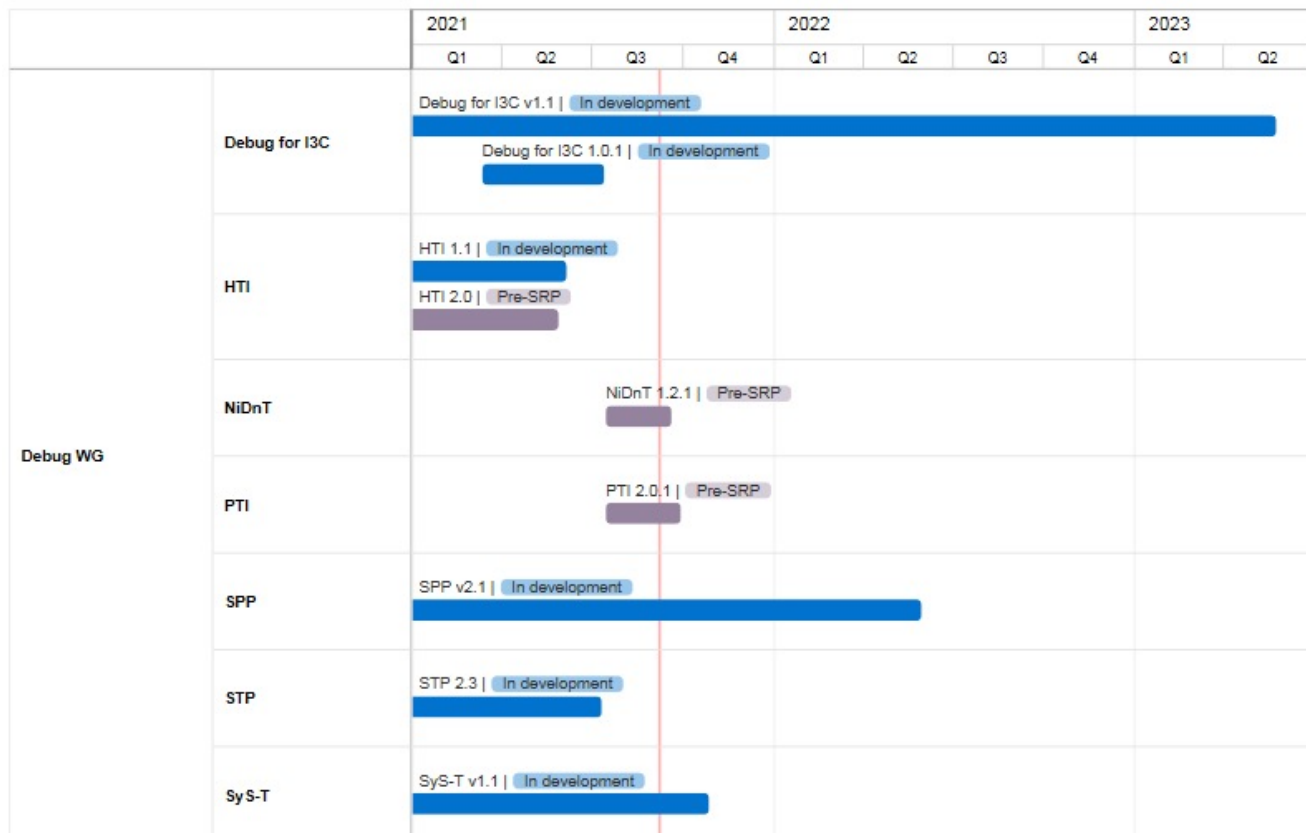
PHY: C/D/M-PHY WGs



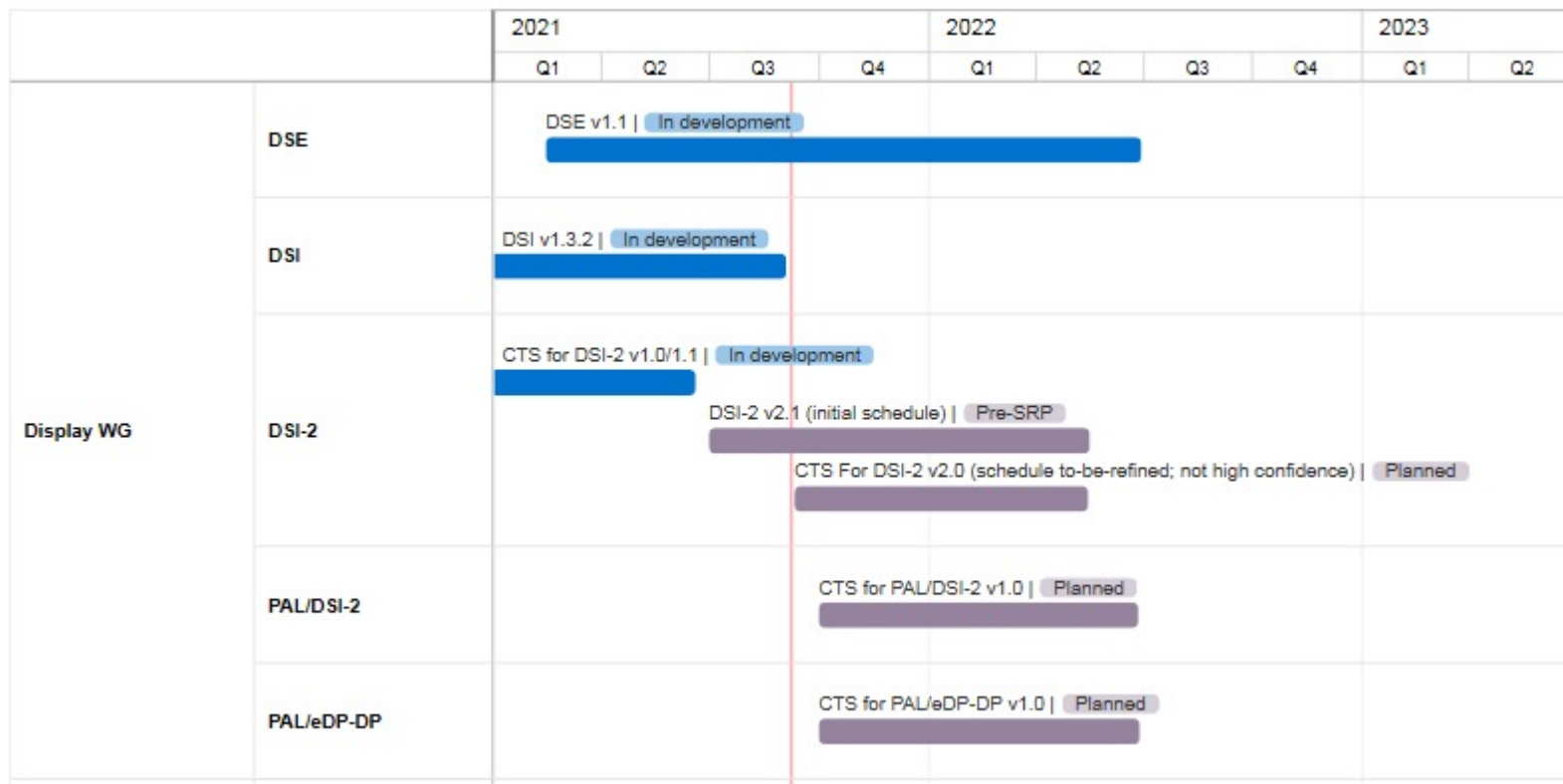
Camera WG



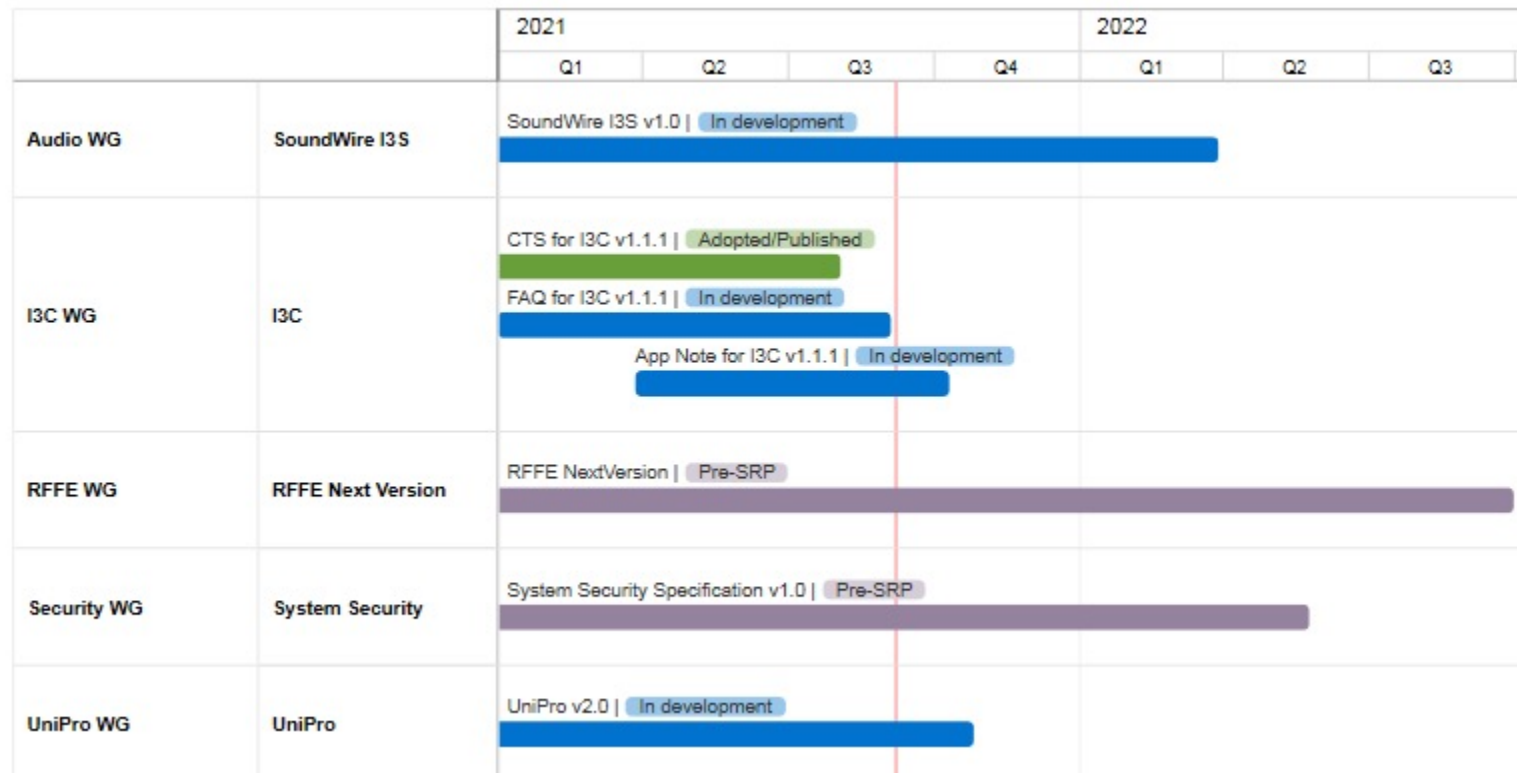
Debug WG



Display WG



Audio WG, I3C WG, RFFE WG, Security WG, UniPro WG



Software WG

