

-43.4668°

170.1882°



C-band Customer Update

Intelsat

2 February 2022

Agenda

1. Administrative updates
2. Transition plan update
3. Earth station planning and activities
4. Satellite Update
5. Questions

Please ensure you are on mute

You can raise questions via the CHAT function

Administrative Update

Tom McNamara

Welcome to 5G in C-Band



AT&T and Verizon are rolling out services in 46 of the top 50 PEAs

- We are live with Phase 1 filters with no known issues
- FAA and altimeter radar debate continues, but the 5G rollout has begun (with a few caveats)
- No confirmed interference in those PEAs to date
 - Working to identify escalation paths
 - If you suspect you are receiving 5G interference, contact cbandinfo@intelsat.com

Clearinghouse Update



Process is still firming, payments are beginning to flow

- The Clearinghouse has many profiles that have been started but have not been completed
 - ~1000 have been approved, ~100 under review, and ~400 are pending more info
 - Please complete your profiles to avoid further delays
 - info@CbandRPC.com if you need your invitation resent
- Stats as of 3 weeks ago:
 - 912 claims submitted (93% of claims are from lump sums electors)
 - 293 payments were approved
 - 103 payments were approved but not yet paid
- Intelsat's experience and guidance
 - Lump sum electors report the need to provide pictures of feeds and evidence of antenna classification
 - Expect extensive documentation and justification requirements – pictures, block diagrams, timesheets, invoices, payment remittances, etc.
 - We are working closely with the Clearinghouse and stakeholders to streamline the processes with limited success so far

Upcoming Transitions



Start	Duration (Days)	End	Change	Customer	Sat-Trx Star	Lower Freq. (MHz)	Upper Freq. (MHz)	Sat-Trx End	Lower Freq. (MHz)	Upper Freq. (MHz)
06-Dec-21	60	04-Feb-22	P, F	Globecast	G-19 13C	3942	3978	G-19 18C	4042	4078
05-Jan-22	30	04-Feb-22	F	PROLASA	G-19 15C	3982	4018	G-19 17C	4022	4058
06-Dec-21	60	04-Feb-22	P, F	Shepherd's Chapel	G-16 16C	4002	4038	G-16 15C	3982	4018
06-Dec-21	60	04-Feb-22	P, F	United Teleports Inc.	G-19 10C	3882	3918	G-19 17C	4022	4058
01-Oct-21	90	28-Feb-22	C	ViacomCBS	G-19 19C	4062	4098	G-19 19C	4062	4098
01-Oct-21	90	28-Feb-22	C	ViacomCBS	G-19 20C	4082	4118	G-19 20C	4082	4118
01-Oct-21	90	28-Feb-22	C,F	ViacomCBS	G-19 21C	4102	4138	G-19 19C	4062	4098
06-Dec-21	90	06-Mar-22	S, F	Comcast/NBC-U	G-17 07C	3822	3858	G-18 20C	4082	4118
06-Dec-21	90	06-Mar-22	S, F	LinkUp	G-3C 08C	3842	3878	G-19 17C	4022	4058
06-Dec-21	90	06-Mar-22	S, F	Nexstar	G-30 13C	3942	3978	G-18 18C	4042	4078
06-Dec-21	90	06-Mar-22	S, F	The SPACECONNECTION	G-28 15C	3962	3998	G-19 17C	4022	4058
29-Dec-21	90	29-Mar-22	C	Encompass	G-13 23C	4142	4178	G-13 23C	4142	4178
04-Jan-22	90	04-Apr-22	C, P, F	Encompass	G-13 13C	3942	3978	G-13 22C	4122	4158
04-Jan-22	90	04-Apr-22	C, S, P, F	Encompass	G-30 10C	3882	3918	G-13 22C	4122	4158
05-Apr-22	0	05-Apr-22	P, F	GCI Restoration	G-13 18C	4042	4078	G-13 13C	3942	3978
05-Feb-22	60	06-Apr-22	P, F	Encompass	G-19 12C	3922	3958	G-19 15C	3982	4018
05-Feb-22	90	06-May-22	S, F	The SPACECONNECTION	G-3C 10C	3882	3918	G-16 16C	4002	4038
05-Feb-22	90	06-May-22	S, F	The SPACECONNECTION	G-3C 14C	3962	3998	G-16 18C	4042	4078
06-Dec-21	90	31-Mar-22	C, F	Starz	G-13 09C	3862	3898	G-13 17C	4022	4058
06-Dec-21	90	31-Mar-22	C, F	Starz	G-13 15C	3982	4018	G-13 17C	4022	4058
06-Dec-21	90	31-Mar-22	C, F	Starz	G-15 08C	3842	3878	G-15 20C	4082	4118
06-Dec-21	90	31-Mar-22	C, F	Starz	G-15 14C	3962	3998	G-15 20C	4082	4118
07-Mar-22	90	05-Jun-22	C, F	A&E	G-30 21C	4102	4138	G-30 23C	4142	4178
07-Mar-22	90	05-Jun-22	C	A&E	G-30 23C	4142	4178	G-30 23C	4142	4178
31-May-22	90	29-Aug-22	G , F	Encompass	G-13 11C	3902	3938	G-13 15C	3982	4018
01-Jan-22	90	04-Sep-22	C, F	WarnerMedia	G-15 15C	3982	4018	G-15 19C	4062	4098
01-Jan-22	90	04-Sep-22	C, F	WarnerMedia	G-15 16C	4002	4038	G-15 18C	4042	4078
01-Jan-22	90	04-Sep-22	C	WarnerMedia	G-15 18C	4042	4078	G-15 18C	4042	4078
01-Jan-22	90	04-Sep-22	C	WarnerMedia	G-15 19C	4062	4098	G-15 19C	4062	4098
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05-Sep-22	30	05-Oct-22	F	C-SPAN	G-30 14C	3962	3998	G-30 16C	4002	4038

Overall, execution of the Transition Plan remains on schedule for Phase 2

We continue to look for opportunities to accelerate the transitions to provide more time for filtering

Ground segment update

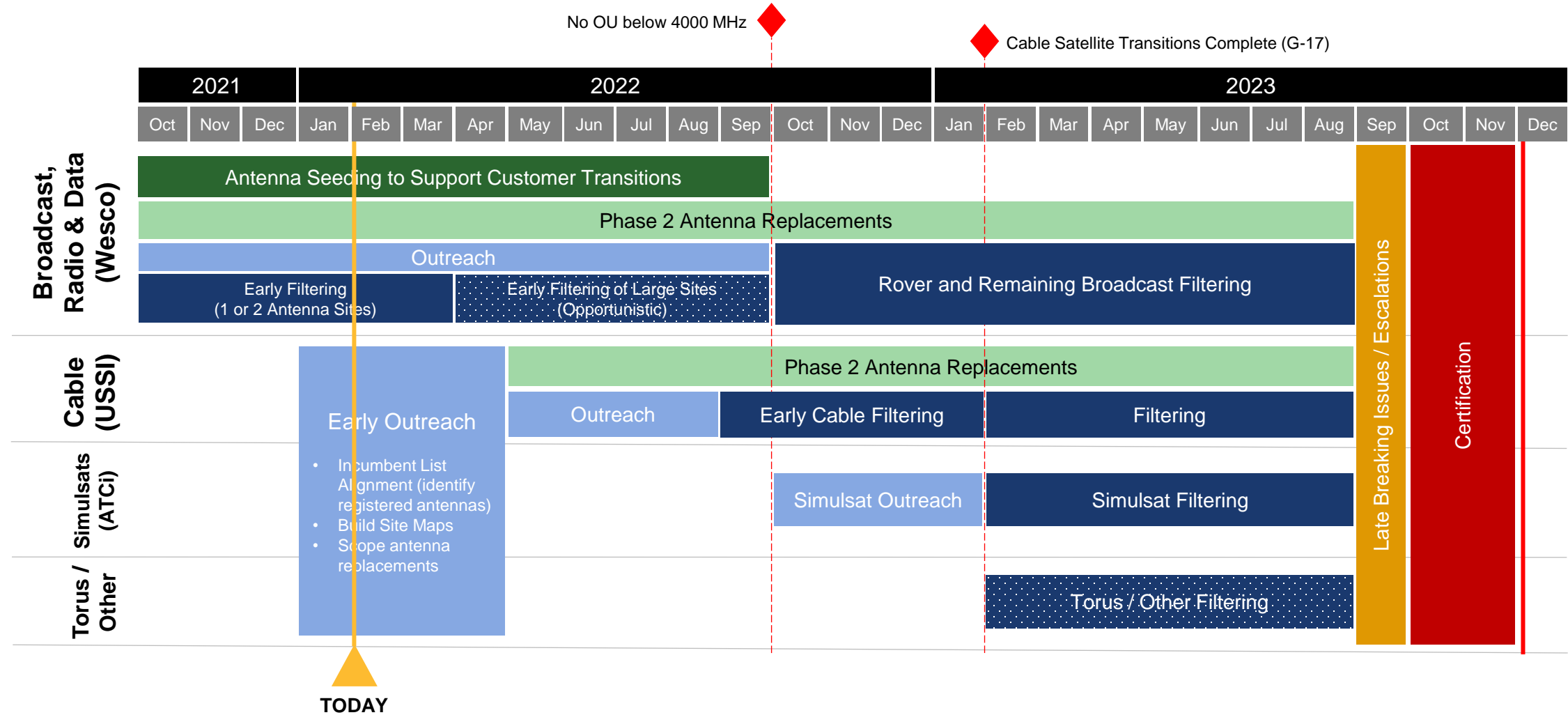
Dave Miller

Upcoming Ground Activities

Phase 2 outreach ramping up as plan solidifies

- Outreach to non-top 46 PEAs (Phase 2) earth stations has kicked off
 - Establish (or verify) comprehensive scope of C-band antennas on-site
 - Identify any antenna performance concerns to allow for proactive replacement
 - Identify opportunities to filter now
 - Phase 1 (top 46 of 50 PEAs) site outreach refresh planned for Summer/Fall 2022
- Significant focus on alignment against FCC Incumbent Earth Station List (FCC registration data)
 - Incumbent Earth Station List represents satellite operator obligations in eyes of FCC
 - Ensure reality on ground matches registration and work with Earth Station Operators and FCC to address discrepancies
- Ground clearing plan dependent on substantial filtering work in 2022
 - Phase 2 scope is approx. 2.5 times larger than Phase 1 and will require approx. 1 year to complete
 - Customer transitions extend into February 2023, requiring multiple visits to some earth stations – initial filtering in Fall 2022 and return in 2023 to finish

Phase 2 Ground Clearing Roadmap



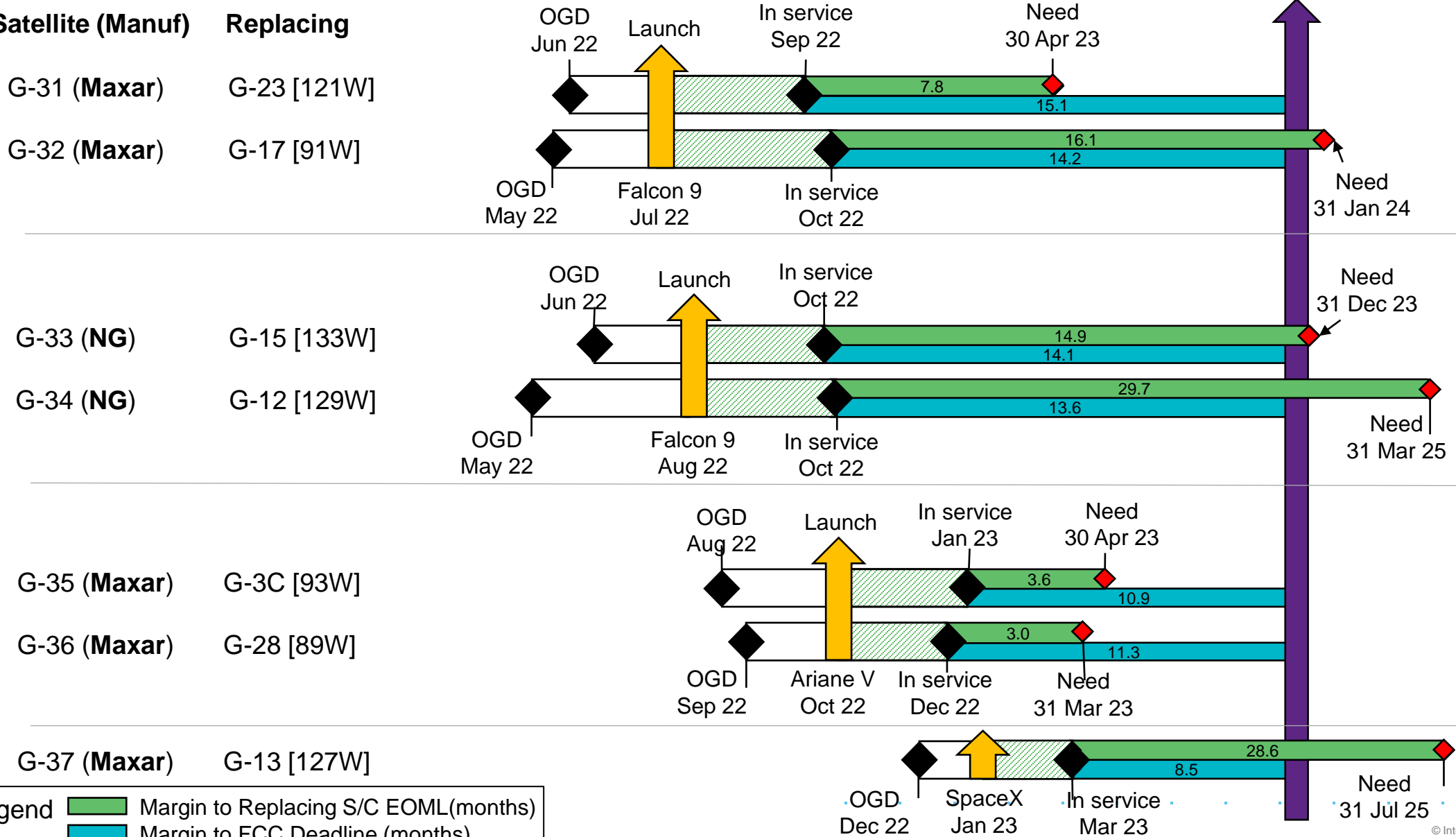
Intelsat satellite program update

C-band Satellite Timeline [As of 15 Dec 2021]

FCC
Deadline
5 Dec 23



Satellite (Manuf) Replacing



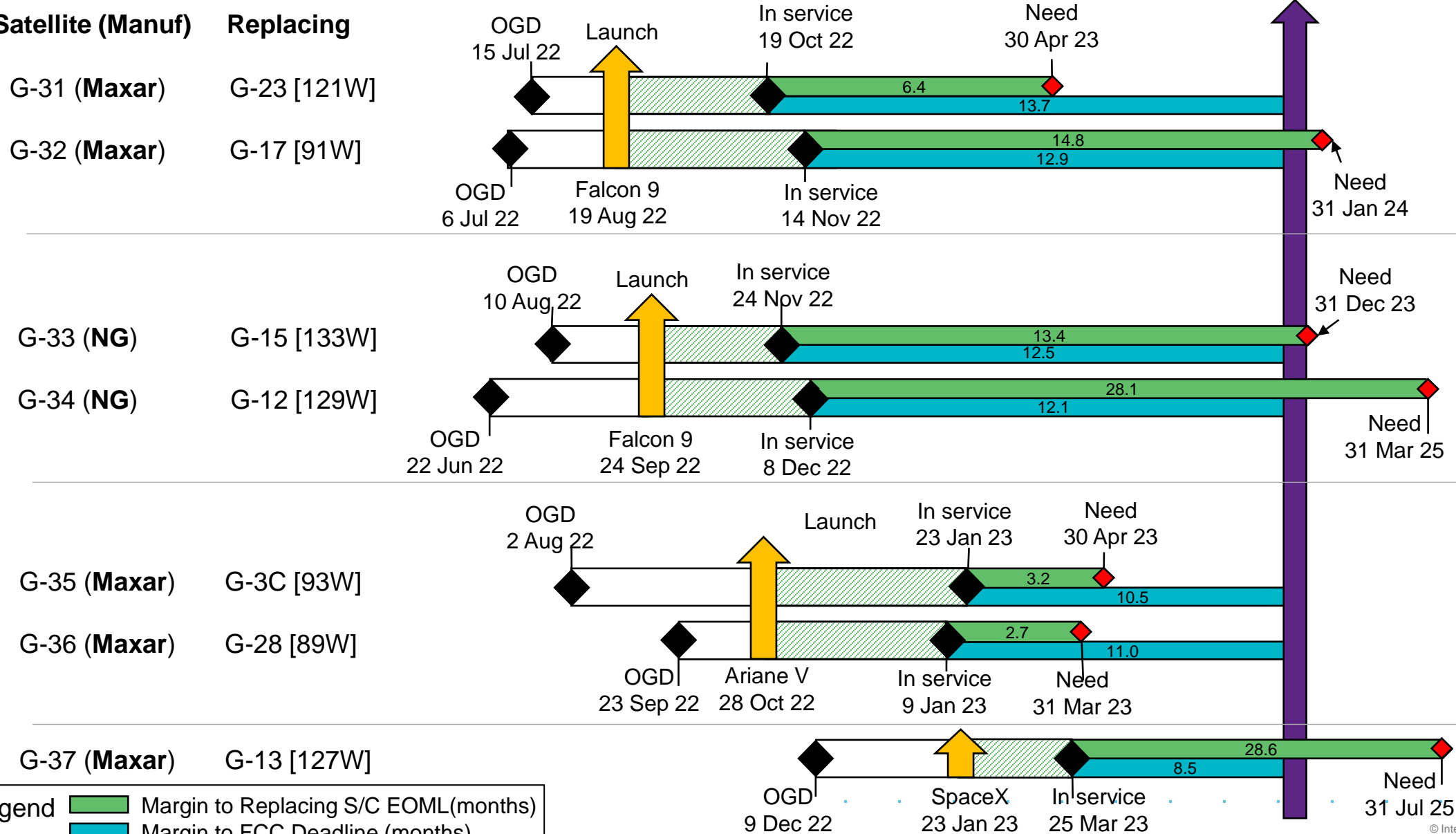
Legend
 Margin to Replacing S/C EOML(months)
 Margin to FCC Deadline (months)

C-band Satellite Timeline [As of 31 Jan 2022]

FCC
Deadline
5 Dec 23



Satellite (Manuf) Replacing



Legend
 Margin to Replacing S/C EOML(months)
 Margin to FCC Deadline (months)

Thank you for your continued partnership!