

-43.4668°

170.1882°



# C-band Customer Update

Intelsat

6 April 2022

# Administrative Update

Tom McNamara

## Continuing to progress to schedule

- Q1 2022 Quarterly report filed on the record
  - All clearing work continues to progress on or ahead of schedule; no risk to the Phase 2 timeline foreseen
  - Satellite delays for Intelsat and SES
  - Compression challenges at the Clearinghouse
- Phase 1 deployment of 5G
  - No known cases of interference with incumbent earth stations
  - Continue to report any issues to [cbandinfo@intelsat.com](mailto:cbandinfo@intelsat.com) for assistance
- Verizon deployment in 30 additional markets
  - Intelsat has agreed to help
  - Outreach to potentially impacted earth stations will begin shortly
  - Intelsat will provide filters and installation as needed free of charge, both for lump sum and non-lump sum sites impacted

# Clearinghouse Update



## Some movement on lump sums, continued frustration and bureaucracy

- Lump sum elector claims have been moving
  - 760 out of 1150 claims were approved, payment initiated or done for 680 of those (last March data)
  - 90% of the 1150 were lump sums
- Intelsat's experience and guidance
  - Early submissions pay the price – policy decisions, approval processes and documentation require sorting
  - Subsequent similar submissions seem to flow relatively quickly
  - Dispute resolution process addendum released – disagreement with CH approvals go to an ALJ for resolution



# Transition Plan Update



Start	Duration (Days)	End	Change	Customer	Sat-Trx Star	Lower Freq. (MHz)	Upper Freq. (MHz)	Sat-Trx End	Lower Freq. (MHz)	Upper Freq. (MHz)	Technology
29-Dec-21	90	29-Mar-22	C	Encompass	G-13 23C	4142	4178	G-13 23C	4142	4178	AVC
06-Dec-21	90	31-Mar-22	C, F	Starz	G-13 09C	3862	3898	G-13 17C	4022	4058	HEVC
06-Dec-21	90	31-Mar-22	C, F	Starz	G-13 15C	3982	4018	G-13 17C	4022	4058	HEVC
06-Dec-21	90	31-Mar-22	C, F	Starz	G-15 08C	3842	3878	G-15 20C	4082	4118	HEVC
06-Dec-21	90	31-Mar-22	C, F	Starz	G-15 14C	3962	3998	G-15 20C	4082	4118	HEVC
04-Jan-22	90	04-Apr-22	C, P, F	Encompass	G-13 13C	3942	3978	G-13 22C	4122	4158	AVC
04-Jan-22	90	04-Apr-22	C, S, P, F	Encompass	G-30 10C	3882	3918	G-13 22C	4122	4158	AVC
05-Apr-22	0	05-Apr-22	P, F	GCI Restoration	G-13 18C	4042	4078	G-13 13C	3942	3978	
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	
07-Mar-22	90	05-Jun-22	C, F	A&E	G-30 21C	4102	4138	G-30 23C	4142	4178	AVC
07-Mar-22	90	05-Jun-22	C	A&E	G-30 23C	4142	4178	G-30 23C	4142	4178	AVC
31-May-22	90	29-Aug-22	C, F	Encompass	G-13 11C	3902	3938	G-13 15C	3982	4018	AVC
21-Mar-22	90	15-Jul-22	C, F	WarnerMedia	G-15 11C	3902	3938	G-15 18C	4042	4078	HEVC
21-Mar-22	90	15-Jul-22	C, F	WarnerMedia	G-15 12C	3922	3958	G-15 19C	4062	4098	HEVC
21-Mar-22	90	15-Jul-22	C, F	WarnerMedia	G-15 12C	3922	3958	G-15 18C	4042	4078	HEVC
21-Mar-22	90	15-Jul-22	S, C, F	WarnerMedia	G-30 16C	4002	4038	G-15 19C	4062	4098	HEVC
21-Mar-22	130	29-Jul-22	S, C, F	WarnerMedia	G-15 16C	4002	4038	G-30 20C	4082	4118	HEVC
21-Mar-22	130	29-Jul-22	C, P, F	WarnerMedia	G-30 17C	4022	4058	G-30 20C	4082	4118	HEVC
06-Jun-22	90	04-Sep-22	S, C, F	WarnerMedia	G-15 15C	3982	4018	G-30 21C	4102	4138	HEVC
05-Sep-22	30	05-Oct-22	F	C-SPAN	G-30 14C	3962	3998	G-30 16C	4002	4038	
05-Sep-22	30	05-Oct-22	F	Disney	G-30 11C	3902	3938	G-30 17C	4022	4058	
05-Sep-22	30	05-Oct-22	F	INSP	G-15 17C	4022	4058	G-15 15C	3982	4018	
01-Sep-22	60	30-Nov-22	F, P	Comcast/NBCU	G-17 07C	3822	3858	G-17 18C	4042	4078	
05-Sep-22	90	04-Dec-22	C, S	Encompass	G-23 15C	3982	4018	G-30 15C	3982	4018	HEVC
01-Oct-22	90	31-Dec-22	C, S, P, F	ViacomCBS	G-28 09C	3842	3878	G-23 21C	4102	4138	HEVC
01-Oct-22	90	31-Dec-22	C, S, F	ViacomCBS	G-28 10C	3862	3898	G-23 21C	4102	4138	HEVC
06-Oct-22	90	04-Jan-23	S, F	Sinclair	G-17 08C	3842	3878	G-15 16C	4002	4038	HEVC
06-Oct-22	90	04-Jan-23	S, P, F	Sinclair	G-17 08C	3842	3878	G-15 17C	4022	4058	HEVC
06-Oct-22	90	04-Jan-23	S, F	Sinclair	G-17 15C	3982	4018	G-15 17C	4022	4058	HEVC
06-Oct-22	90	04-Jan-23	S, F	Sinclair	G-17 22C	4122	4158	G-15 16C	4002	4038	HEVC
06-Oct-22	90	04-Jan-23	S, F	Sinclair	G-17 23C	4142	4178	G-15 17C	4022	4058	HEVC
05-Jan-23	30	04-Feb-23	F	Altitude Sports & Entertainment	G-17 09C	3862	3898	G-17 23C	4142	4178	
05-Jan-23	30	04-Feb-23	F	AMC	G-17 13C	3942	3978	G-17 15C	3982	4018	
05-Jan-23	30	04-Feb-23	F	BYU	G-17 12C	3922	3958	G-17 18C	4042	4078	
05-Jan-23	30	04-Feb-23	F	The SPACECONNECTION	G-17 12C	3922	3958	G-17 18C	4042	4078	
01-Mar-23	30	31-Mar-23	F	Dejero Labs	G-19 14C	3962	3998	G-19 16C	4002	4038	

Overall, execution of the Transition Plan remains on schedule for deadline

All remaining C-Band Clearing transitions are listed in the table

# Ground segment update

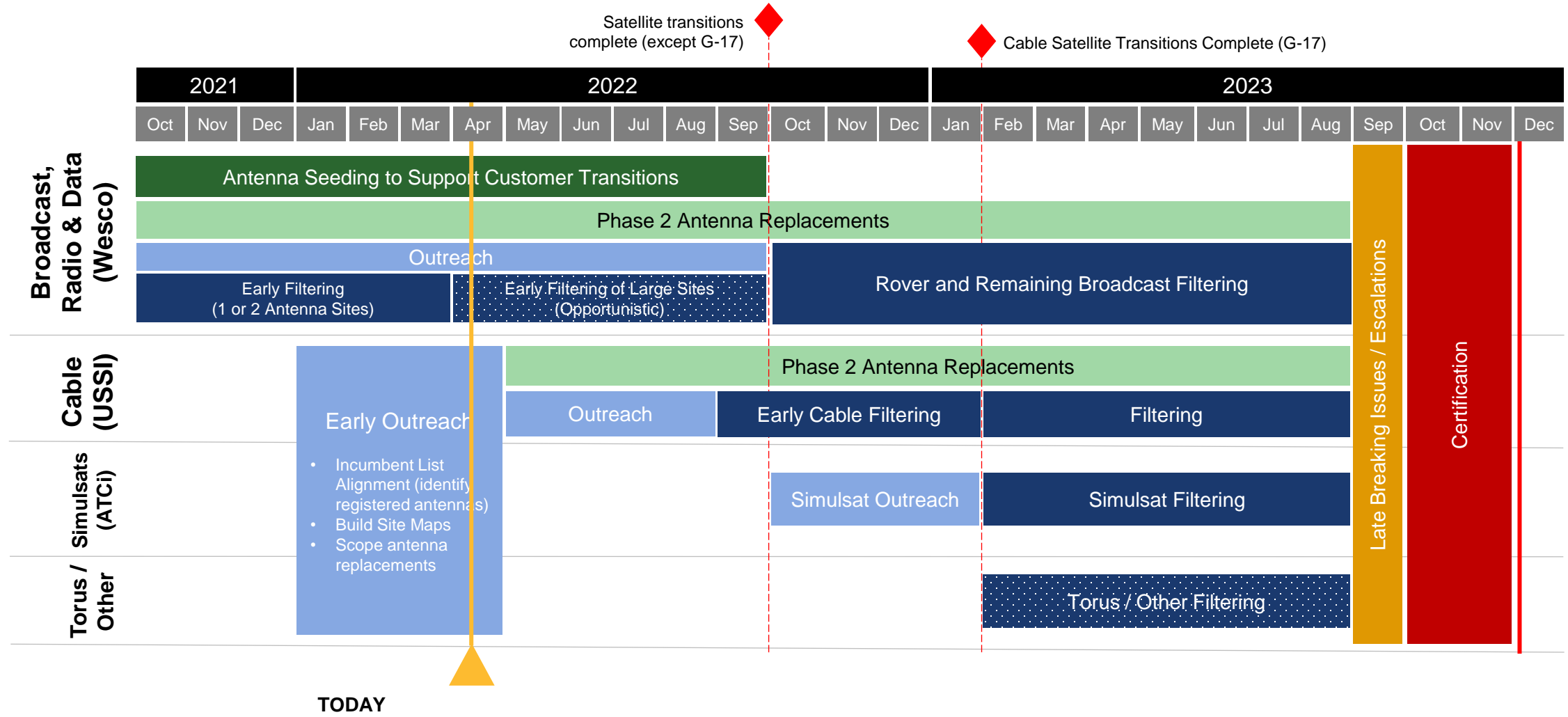
Dave Miller

# Upcoming Ground Activities

## Phase II outreach on track to complete in April

- Outreach to non-top 46 PEAs (Phase II) earth stations progressing well
  - 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 I (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 II scope is approx. 2.5 times larger than Phase I 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



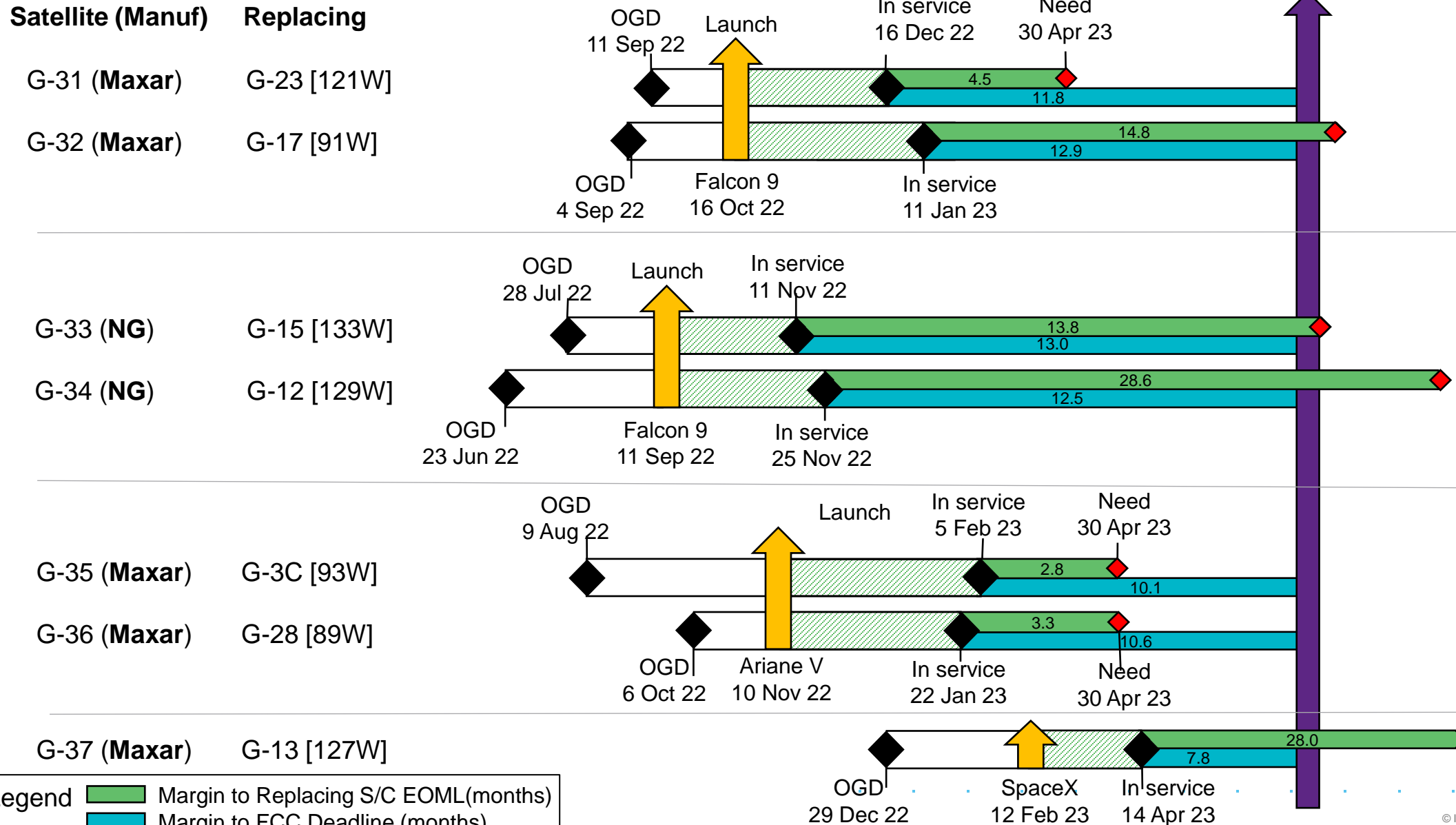
TODAY



# Intelsat satellite program update

# C-band Satellite Timeline [As of 4 Apr 2022]

FCC  
Deadline  
5 Dec 23



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

**Thank you for your continued partnership!**